SDG: 8304610

Close Report

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

Tronox LLC, Henderson

SDG: 8304610
Lot #s: D9F270150, D9G020222, and D9G020235

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July 23, 2009

Case Narrative
SDG 8304610

The samples presented in this report were submitted to TestAmerica by Northgate Environmental Management, Inc. from the Tronox/Henderson site. The samples were received according to documented sample acceptance procedures.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameters listed on the methods summary page in accordance with the methods indicated.

The results apply only to the samples included in this report and meet all requirements of NELAC. All data have been reviewed for compliance with the laboratory QA/QC plan and have been found to be compliant with laboratory protocols, with the exception of any items noted below.

Sample Receiving

One sample was received under chain of custody at a temperature of 4.9°C on June 27, 2009, and was logged under lot D9F270150. The client cancelled the sample but after communicating with the lab approval was given to report and bill the sample. One sample including a MS/MSD was received under chain of custody at a temperature of 2.7°C on July 2, 2009, and was logged under lot D9G020222. Three samples including a MS/MSD were received under chain of custody at a temperature of 2.7°C on July 2, 2009, and were logged under lot D9G020235. These lots are reported here under SDG 8304610.

GC Semivolatiles / Organophosphorus Pesticides – SW846 Method 8141A

Sample D9F270150-001 (EB062609-SO) and the associated Method Blank exhibited surrogate recoveries for Chlormefos and Triphenyl phosphate outside the control limits in QC batch 9180507. Upon re-extraction and reanalysis as part of QC batch 9189451, the surrogate recoveries were 100% in control. Both the original and reanalysis data have been provided, as re-extraction was unavoidably performed outside the recommended sample holding time.

The method required MS/MSD was performed for QC batch 9188427 using samples D9G020222-001 (SA106-0.5B) and D9G020235-001 (SA82-0.5B), as requested, and exhibited MS, MSD, and/or relative percent differences (RPDs) outside the control limits for multiple compounds. The lab noted that there was significant matrix interference present; therefore, no corrective action was necessary.

The method required MS/MSD could not be performed for QC batches 9180507 or 9189451 due to insufficient sample volume; however, method precision and accuracy were demonstrated with acceptable LCS/LCSD data.

The Continuing Calibration Verification (CCV) standard(s) associated with the samples in QC batches 9180507, 9188427 and 9189451 exhibited %Difference values out of range for several compounds. The overall mean %Differences were within control limits; therefore, method criteria were met and corrective action was deemed unnecessary. In addition, none of these compounds were detected in the associated samples.

Percent Moisture – SW846 Method 3550C

Sample duplicate analyses associated with QC batch 9187132 were performed using sample D9G020222-001 (SA106-0.5B) and the results were in control.

Quality Control Definitions of Terms

Term	Definition
Batch	A set of up to 20 field samples plus associated laboratory QC samples that are similar in composition (matrix) and that are processed within the same time period with the same reagent and standard lots.
Laboratory Control Sample and Laboratory Control Sample Duplicate (LCS/LCSD)	A volume of reagent water for aqueous samples or a contaminant-free solid matrix (Ottawa sand) for soil and sediment samples which is spiked with known amounts of representative target analytes and required surrogates. A LCS is carried through the entire analytical process and is used to monitor the accuracy of the analytical process independent of potential matrix effects. An LCSD is a second Laboratory Control Sample.
Matrix Spike and Matrix Spike Duplicate (MS/MSD)	A field sample fortified with known quantities of target analytes that are also added to the LCS. Matrix spike duplicate is a second matrix spike sample. MS/MSDs are carried throughout the entire analytical process and are used to determine sample matrix effect on accuracy of the measurement system. The accuracy and precision estimated using MS/MSD is only representative of the precision of the sample that was spiked.
Method Blank	A sample composed of all the reagents (in the same quantities) in reagent water carried through the entire analytical process. The method blank is used to monitor the level of contamination introduced during sample preparation steps.
Surrogate	Organic constituents not expected to be detected in environmental media and are added to every sample and QC at a known concentration. Surrogates are used to determine the efficiency of the sample preparation and the analytical process.
Sample Duplicate	A second aliquot of an environmental sample, taken from the same sample container when possible, that is processed independently with the first sample aliquot. The results are used to assess the effect of the sample matrix on the precision of the analytical process. The precision estimated using this sample is not necessarily representative of the precision for other samples in the batch.
Method Detection Limit "MDL"	The method detection limit is defined as the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from replicate analyses of low level standards in a typical representative matrix.
Reporting Limit "RL"	The TestAmerica reporting limit is normally the lowest level at which measurements become quantitatively meaningful, ie., the quantitation limit, which is approximately three times the MDL. Some projects require RLs that are less than the quantitation limit to achieve particular maximum contaminant levels (MCLs) or relevant and appropriate requirements (ARARs), but RLs cannot be less than the statistically determined MDL.

Quality Control Definitions of Qualifiers

Qualifier	Definition
*	Surrogate or Relative Percent Difference (RPD) is outside control limits.
a	Spiked analyte recovery is outside control limits.
B	Organics: Method blank contamination. The associated method blank contains the target analyte at a reportable level. Inorganics: Estimated result. Result is less than the RL
COL	More than 40% difference between the primary and confirmation detector results. The lower of the two results is reported.
DIL	The concentration is estimated or not reported due to dilution.
E	Estimated result. Result concentration exceeds the calibration range.
G	Inorganics: Elevated reporting limit. The reporting limit is elevated due to matrix interference.
J	Organics: Estimated result. Result is less than RL Inorganics: Method blank contamination. The associated method blank contains the target analyte at a reportable level.
L	Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present
N	Spiked analyte recovery is outside stated control limits.
NC	The recovery and/or RPD were not calculated.
ND	The analyte was not detected at the MDL concentration and with a measurable degree of confidence can be said not to be present at or above the RL concentration.
p	Relative percent difference (RPD) is outside stated control limits.
Q	Elevated reporting limit. The reporting limit is elevated due to high analyte levels.
V	General Chemistry: Elevated reporting limit due to limited sample volume.
Wa	Post digestion spike recovery fell between 40-85% due to matrix interference.
Wb	Post digestion spike recovery fell between 115-150% due to matrix interference.
I	Percent recovery is estimated since the results exceeded the calibration range.
T1	A tentatively identified compound that did not generate a spectral match of 80% or greater. Typically called "unknown"
T2	A tentatively identified compound with a spectral match of 80% or better
T3	A tentatively identified compound that was calibrated for by the lab, but not on the client target analyte list.
IC	Diluted due to high inorganic chloride.

EXECUTIVE SUMMARY - Detection Highlights

8304610 : D9G020222

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SA106-0.5B 06/30/09 09:10 001				
Percent Moisture	14	0.10	%	SW846 3550C Moist

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

8304610 : D9G020235

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SA82-0.5B 07/01/09 07:00 001				
Percent Moisture	2.9	0.10	%	SW846 3550C Moist
SA82-10B 07/01/09 07:56 002				
Percent Moisture	5.3	0.10	%	SW846 3550C Moist
SA82-29B 07/01/09 09:36 003				
Percent Moisture	42	0.10	%	SW846 3550C Moist

METHODS SUMMARY

8304610

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Organophosphorous Compounds by GC	SW846 8141A	
Organophosphorous Compounds by GC	SW846 8141A	SW846 3510
3550C Moisture	SW846 3550C Moi	SW846 3550C % M

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

8304610

ANALYTICAL METHOD	ANALYST	ANALYST ID
SW846 3550C Moisture	Reva M. Golden	010906
SW846 8141A	Teresa L. Williams	002510

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

8304610 : D9F270150

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
LFQ0D	001	EB062609-SO	06/26/09	13:30

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

(Continued on next page)

SAMPLE SUMMARY

8304610 : D9G020222

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
LF1T8	001	SA106-0.5B	06/30/09	09:10

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
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- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

(Continued on next page)

SAMPLE SUMMARY

8304610 : D9G020235

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
LF1XG	001	SA82-0.5B	07/01/09	07:00
LF1XT	002	SA82-10B	07/01/09	07:56
LF1XX	003	SA82-29B	07/01/09	09:36

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

QC DATA ASSOCIATION SUMMARY

D9F270150

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WQ	SW846 8141A		9180507	
	WQ	SW846 8141A		9189451	

QC DATA ASSOCIATION SUMMARY

D9G020222

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	SOLID	SW846 3550C Moist		9187132	9188093
	SOLID	SW846 8141A		9188427	9188249

QC DATA ASSOCIATION SUMMARY

D9G020235

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	SOLID	SW846 3550C Moist		9187132	9188093
	SOLID	SW846 8141A		9188427	9188249
002	SOLID	SW846 3550C Moist		9187132	9188093
	SOLID	SW846 8141A		9188427	9188249
003	SOLID	SW846 3550C Moist		9187132	9188093
	SOLID	SW846 8141A		9188427	9188249

TestAmerica

Semivolatile GC

CLP-Like Forms

Lot ID: D9F270150

Client: Northgate/Tronox

Method: SW846 8141A

Associated Samples: 001

Batch: 9180507

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Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	EB062609-SO
Lot/SDG Number:	8304610	**Lab Sample ID:**	D9F270150-001
Matrix:	WATER	**Lab WorkOrder:**	LFQ0D1AA
% Moisture:	N/A	**Date/Time Collected:**	06/26/09 13:30
Basis:	Wet	**Date/Time Received:**	06/27/09 08:25
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/09 16:00
QC Batch ID:	9180507	**Date/Time Analyzed:**	07/02/09 23:06
Sample Aliquot:	1054 mL	**Instrument ID:**	D2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
86-50-0	Azinphos-methyl	0.17	0.17	2.5	U
35400-43-2	Bolstar	0.31	0.31	1.0	U
2921-88-2	Chlorpyrifos	0.36	0.36	1.0	U
56-72-4	Coumaphos	0.14	0.14	1.0	U
298-03-3	Demeton-O	0.14	0.14	1.0	U
126-75-0	Demeton-S	0.069	0.069	1.0	U
333-41-5	Diazinon	0.15	0.15	1.0	U
62-73-7	Dichlorvos	0.16	0.16	1.0	U
60-51-5	Dimethoate	0.45	0.45	1.5	U
298-04-4	Disulfoton	0.32	0.32	1.0	U
2104-64-5	EPN	0.15	0.15	1.2	U
13194-48-4	Ethoprop	0.18	0.18	0.50	U
56-38-2	Ethyl parathion	0.14	0.14	1.0	U
52-85-7	Famphur	0.18	0.18	1.0	U
115-90-2	Fensulfothion	0.54	0.54	2.5	U
55-38-9	Fenthion	0.15	0.15	2.5	U
121-75-5	Malathion	0.13	0.13	1.2	U
150-50-5	Merphos	0.17	0.17	5.0	U
298-00-0	Methyl parathion	0.14	0.14	4.0	U
7786-34-7	Mevinphos	0.46	0.46	6.2	U
300-76-5	Naled	0.25	0.25	1.0	U
298-02-2	Phorate	0.15	0.15	1.2	U
299-84-3	Ronnel	0.12	0.12	10	U
3689-24-5	Sulfotepp	0.17	0.17	1.5	U
961-11-5	Tetrachlorvinphos (Stirophos)	0.12	0.12	3.5	U

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Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	EB062609-SO
Lot/SDG Number:	8304610	**Lab Sample ID:**	D9F270150-001
Matrix:	WATER	**Lab WorkOrder:**	LFQ0D1AA
% Moisture:	N/A	**Date/Time Collected:**	06/26/09 13:30
Basis:	Wet	**Date/Time Received:**	06/27/09 08:25
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/09 16:00
QC Batch ID:	9180507	**Date/Time Analyzed:**	07/02/09 23:06
Sample Aliquot:	1054 mL	**Instrument ID:**	D2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
297-97-2	Thionazin	0.31	0.31	1.0	U
34643-46-4	Tokuthion	0.12	0.12	1.6	U
327-98-0	Trichloronate	0.24	0.24	1.0	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
115-86-6	Triphenyl phosphate	46	60	154	*
24934-91-6	Chlormefos	37	49	171	*

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Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	8304610	**Lab Sample ID:**	D9F290000-507B
Matrix:	WATER	**Lab WorkOrder:**	LFTN31AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/09 16:00
QC Batch ID:	9180507	**Date/Time Analyzed:**	07/02/09 21:44
Sample Aliquot:	1000 mL	**Instrument ID:**	D2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
62-73-7	Dichlorvos	0.16	0.16	1.0	U
297-97-2	Thionazin	0.31	0.31	1.0	U
60-51-5	Dimethoate	0.45	0.45	1.5	U
298-04-4	Disulfoton	0.32	0.32	1.0	U
2104-64-5	EPN	0.15	0.15	1.2	U
13194-48-4	Ethoprop	0.18	0.18	0.50	U
52-85-7	Famphur	0.18	0.18	1.0	U
115-90-2	Fensulfothion	0.54	0.54	2.5	U
55-38-9	Fenthion	0.15	0.15	2.5	U
121-75-5	Malathion	0.13	0.13	1.2	U
150-50-5	Merphos	0.17	0.17	5.0	U
298-00-0	Methyl parathion	0.14	0.14	4.0	U
86-50-0	Azinphos-methyl	0.17	0.17	2.5	U
7786-34-7	Mevinphos	0.46	0.46	6.2	U
300-76-5	Naled	0.25	0.25	1.0	U
56-38-2	Ethyl parathion	0.14	0.14	1.0	U
298-02-2	Phorate	0.15	0.15	1.2	U
299-84-3	Ronnel	0.12	0.12	10	U
3689-24-5	Sulfotepp	0.17	0.17	1.5	U
34643-46-4	Tokuthion	0.12	0.12	1.6	U
327-98-0	Trichloronate	0.24	0.24	1.0	U
35400-43-2	Bolstar	0.31	0.31	1.0	U
961-11-5	Tetrachlorvinphos (Stirophos)	0.12	0.12	3.5	U
2921-88-2	Chlorpyrifos	0.36	0.36	1.0	U
56-72-4	Coumaphos	0.14	0.14	1.0	U
298-03-3	Demeton-O	0.14	0.14	1.0	U
126-75-0	Demeton-S	0.069	0.069	1.0	U
333-41-5	Diazinon	0.15	0.15	1.0	U

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THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	8304610	**Lab Sample ID:**	D9F290000-507B
Matrix:	WATER	**Lab WorkOrder:**	LFTN31AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/09 16:00
QC Batch ID:	9180507	**Date/Time Analyzed:**	07/02/09 21:44
Sample Aliquot:	1000 mL	**Instrument ID:**	D2
Dilution Factor:	1		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
115-86-6	Triphenyl phosphate	25	60	154	*
24934-91-6	Chlormefos	30	49	171	*

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THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Surrogate Recovery Summary

Lab Name: TESTAMERICA DENVER **Extraction** I09P29H
Lot/SDG Number: 8304610 **QC Batch ID:** 9180507

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
EB062609-SO	LFQ0D1AA	37 *	46 *							2
INTRA-LAB BLANK	LFTN31AA	30 *	25 *							2
CHECK SAMPLE	LFTN31AC	76	85							0
DUPLICATE CHECK	LFTN31AD	81	92							0

Surrogate Number	Surrogate Name	Lower Control Limit	Upper Control Limit
SRG 1	Chlormefos	49	171
SRG 2	Triphenyl phosphate	60	154

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THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	8304610	**Lab Sample ID:**	D9F290000-507C
Matrix:	WATER	**Lab WorkOrder:**	LFTN31AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/09 16:00
QC Batch ID:	9180507	**Date/Time Analyzed:**	07/02/09 22:11
Sample Aliquot:	1000 mL	**Instrument ID:**	D2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Dichlorvos	4.00	2.72	68		40 - 193
Thionazin	4.00	3.68	92		39 - 180
Dimethoate	4.00	2.76	69		33 - 139
Disulfoton	4.00	2.93	73		44 - 139
Ethoprop	4.00	2.86	72		43 - 165
Famphur	4.00	3.05	76		51 - 131
Fensulfothion	4.00	3.45	86		46 - 115
Fenthion	4.00	3.15	79		63 - 128
Malathion	4.00	2.88	72		53 - 137
Methyl parathion	4.00	3.45	86		55 - 131
Azinphos-methyl	4.00	2.91	73		42 - 125
Mevinphos	4.00	2.42	60		39 - 175
Ethyl parathion	4.00	3.66	91		47 - 142
Phorate	4.00	4.34	109		46 - 142
Ronnel	4.00	3.51	88		43 - 115
Sulfotepp	4.00	3.31	83		29 - 166
Trichloronate	4.00	3.28	82		60 - 115
Chlorpyrifos	4.00	3.34	84		60 - 120
Coumaphos	4.00	3.29	82		61 - 115
Diazinon	4.00	3.84	96		47 - 149

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
115-86-6	Triphenyl phosphate	85	60	154	
24934-91-6	Chlormefos	76	49	171	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	8304610	**Lab Sample ID:**	D9F290000-507L
Matrix:	WATER	**Lab WorkOrder:**	LFTN31AD
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/09 16:00
QC Batch ID:	9180507	**Date/Time Analyzed:**	07/02/09 22:39
Sample Aliquot:	1000 mL	**Instrument ID:**	D2
Dilution Factor:	1		

Analyte	True	Found	C	% Rec	Q	RPD	Q	QC Limits	
								% Rec	RPD
Dichlorvos	4.00	3.52		88		26		40 - 193	49
Thionazin	4.00	3.85		96		4.5		39 - 180	40
Dimethoate	4.00	3.53		88		24		33 - 139	50
Disulfoton	4.00	3.49		87		17		44 - 139	40
Ethoprop	4.00	3.34		83		15		43 - 165	36
Famphur	4.00	3.91		98		25		51 - 131	88
Fensulfothion	4.00	4.24		106		20		46 - 115	62
Fenthion	4.00	3.69		92		16		63 - 128	41
Malathion	4.00	3.61		90		23		53 - 137	28
Methyl parathion	4.00	3.90		97		12		55 - 131	30
Azinphos-methyl	4.00	3.37		84		14		42 - 125	36
Mevinphos	4.00	3.15		79		26		39 - 175	40
Ethyl parathion	4.00	4.29		107		16		47 - 142	40
Phorate	4.00	4.26		106		1.9		46 - 142	40
Ronnel	4.00	3.87		97		9.7		43 - 115	39
Sulfotepp	4.00	3.63		91		9.1		29 - 166	40
Trichloronate	4.00	4.20		105		25		60 - 115	38
Chlorpyrifos	4.00	4.26		107		24		60 - 120	34
Coumaphos	4.00	3.93		98		18		61 - 115	43
Diazinon	4.00	4.28		107		11		47 - 149	40

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
115-86-6	Triphenyl phosphate	92	60	154	
24934-91-6	Chlormefos	81	49	171	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Method Blank Summary

Lab Name:	TESTAMERICA DENVER	**Lab File ID:**	013F1301.
Lot/SDG Number:	8304610	**Lab Sample ID:**	D9F290000-507B
Matrix:	WATER	**Lab Work Order:**	LFTN31AA
Analysis Method:	8141A	**Date/Time Extracted:**	06/29/09 16:00
Extraction Method:	I09P29H	**Date/Time Analyzed:**	07/02/09 21:44
QC Batch ID:	9180507	**Instrument ID:**	D2

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
EB062609-SO	LFQ0D1AA	013F1301.	07/02/09	23:06
CHECK SAMPLE	LFTN31AC C	011F1101.	07/02/09	22:11
DUPLICATE CHECK	LFTN31AD L	012F1201.	07/02/09	22:39

Report Date : 30-Jun-2009 12:58 Page 1

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Calibration File Names:
Level 1: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\009F0901.D
Level 2: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\008F0801.D
Level 3: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\007F0701.D
Level 4: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\006F0601.D
Level 5: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\005F0501.D SEE CALIBRATION HISTORY
Level 6: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\004F0401.D
Level 7: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\003F0301.D

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
1 o,o,o-TEPT	2.92648	2.44243	2.35582	2.65851	2.57132	2.61478					
	2.53900						AVRG		2.58691		7.02274
2 Dichlorvos	1.96421	1.82228	1.84036	2.17503	2.12732	2.04712					
	2.16332						AVRG		2.01995		7.32345
4 Mevinphos	1.44354	1.24995	1.21811	1.44363	1.32123	1.40873					
	1.43954						AVRG		1.36067		7.12634
5 Demeton-O	1.19821	1.29971	1.18493	1.34261	1.38930	1.37760					
	1.28370						AVRG		1.29658		6.26552

TestAmerica

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Quant Method : ISTD
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Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	5.0000 Level 7											
6 Thionazin	2.15838	1.84195	1.93751	1.98059	2.08762	2.20076						
	2.03673						AVRG		2.03479		6.19054	
7 Ethoprop	1.70034	1.41105	1.44674	1.51565	1.56615	1.54046						
	1.46268						AVRG		1.52044		6.33190	
8 Phorate	1.89356	1.60276	1.58391	1.69691	1.82591	1.99241						
	1.74661						AVRG		1.76315		8.53946	
9 Naled	94.00000	1666	10859	28010	46004	58330						1/x
	78857						WLINR	0.13436	0.49080		0.99248	
10 Sulfotepp	2.79835	2.53605	2.59328	2.75080	2.67397	2.68532						
	2.57687						AVRG		2.65923		3.59851	
12 Simazine	0.36415	0.34683	0.35351	0.38559	0.39087	0.41510						
	0.41001						AVRG		0.38086		7.05346	
13 Diazinon	12067	15923	49407	98649	155648	181790						1/x
	228810						WLINR	0.01456	1.44446		0.99190	

TestAmerica

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Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2	
	5.0000 Level 7											
14 Atrazine	5427	1231	21316	49088	85997	98759						
	128612						LINR	0.11621	0.83396		0.99221	
15 Propazine	4880	8102	20907	43235	72628	85745						1/x
	110050						WLINR	0.02910	0.68050		0.99492	
16 Disulfoton	1.39584	1.32983	1.36835	1.41433	1.46581	1.46415						
	1.37843						AVRG		1.40239		3.56764	
17 Demeton-S	667	15766	33785	70921	121463	157195						1/x
	175573						WLINR	0.05954	1.76807		0.99272	
18 Dimethoate	1.93513	1.88284	1.72920	1.81890	1.98388	1.88204						
	1.92489						AVRG		1.87955		4.46888	
19 Ronnel	1.49381	1.09752	1.14631	1.23377	1.29336	1.31702						
	1.27410						AVRG		1.26513		10.15653	
20 Merphos-A (Merphos)	0.73714	0.72841	0.76463	0.71117	0.75339	0.75359						
	0.62474						AVRG		0.72472		6.56840	

TestAmerica

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Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
21 Chlorpyrifos	1.28253	1.15885	1.24944	1.20702	1.32365	1.38773					
	1.37311						AVRG		1.28319		6.60140
22 Fenthion	1.20874	1.15890	1.17283	1.16181	1.25398	1.18816					
	1.18668						AVRG		1.19016		2.76871
23 Trichloronate	6944	26053	49357	106326	170976	208762					
	296442						WLINR	0.05263	1.73863		0.99738
24 Anilazine	1634	2256	3581	6899	11039	13112					
	19108						LINR	-0.00058	0.10979		0.99085
25 Methyl Parathion	1.21391	1.12059	1.22102	1.33829	1.35198	1.32937					
	1.41908						AVRG		1.28489		8.00353
26 Malathion	1.23986	1.19694	1.15056	1.17724	1.17540	1.20726					
	1.27856						AVRG		1.20369		3.60449
27 Tokuthion	1.50291	1.31056	1.35261	1.35076	1.45106	1.48916					
	1.40826						AVRG		1.40933		5.28420

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Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
28 Parathion	1.27111	1.15628	1.24872	1.23420	1.30817	1.35972					
	1.28450						AVRG		1.26610		5.02432
29 Merphos-B (Merphos Oxone)	3793	6271	15065	23458	40683	62127					
	65080						WLINR	-0.05169	0.21659		0.96366
30 Tetrachlorvinphos (stirophos)	0.86036	0.73114	0.73243	0.80291	0.86664	0.87311					
	0.86651						AVRG		0.81902		7.82425
31 Carbophenothion methyl	1.16513	1.02032	1.04699	1.17159	1.27808	1.26831					
	1.26700						AVRG		1.17392		9.08251
32 Bolstar	1.33280	1.22387	1.19075	1.20601	1.27262	1.22830					
	1.20152						AVRG		1.23655		4.05030
33 Carbophenothion	1.18442	1.13595	1.15332	1.18001	1.34689	1.22912					
	1.28180						AVRG		1.21593		6.21486
35 Fensulfothion	0.88346	0.80409	0.88036	0.97346	0.94597	1.00424					
	0.92148						AVRG		0.91615		7.30438

<- NTC, see merphos

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INITIAL CALIBRATION DATA

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Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	5.0000 Level 7											
37 Phosmet / EPN	19707	35826	68186	146012	207459	263604						
	330448						WLINR	-0.04262	1.00518		0.99785	1/x
38 Famphur	1.45536	1.20800	1.18770	1.39816	1.20947	1.39569						
	1.32805						AVRG		1.31178		8.35158	
39 Azinphos-methyl	1.25589	1.08970	1.07858	1.30240	1.20427	1.27709						
	1.19199						AVRG		1.19999		7.33978	
40 Azinphos-ethyl	1.14013	1.11628	1.12015	1.18786	1.16269	1.14594						
	1.12699						AVRG		1.14286		2.23350	
41 Coumaphos	0.78930	0.81655	0.85887	0.90448	0.89897	0.94628						
	0.93653						AVRG		0.87871		6.77030	
42 Merphos	1.56460	1.43887	1.64263	1.66880	1.73437	1.91569						
	1.70275						AVRG		1.66682		8.85773	
43 Total Demeton	3533	23328	47171	100663	168375	213468						
	244812						WLINR	0.06780	1.63923		0.99469	1/x

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
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Quant Method : ISTD
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Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
$ 3 Chlormefos	2.19506	1.83698	1.78322	2.03418	2.29040	2.05386					
	2.04016						AVRG		2.03341		8.83890
$ 34 Triphenyl phosphate	1.10969	0.86972	0.91132	1.07710	1.01080	0.99885					
	1.00703						AVRG		0.99779		8.47904

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
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Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Curve	Formula	Units
Averaged	Amt = Rsp/ml	Response
Linear	Amt = b + Rsp/ml	Response
Wt Linear	Amt = b + Rsp/ml	Response

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Report Date: 30-Jun-2009 12:58

Calibration History

Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Start Cal Date: 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Last Cal Level: 1
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 0.20000		
26-JUN-2009 21:13	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\009F0901.D
Cal Level: 2 , Cal Amount: 0.50000		
26-JUN-2009 20:45	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\008F0801.D
Cal Level: 3 , Cal Amount: 1.00000		
26-JUN-2009 20:18	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\007F0701.D
Cal Level: 4 , Cal Amount: 2.00000		
26-JUN-2009 19:50	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\006F0601.D
Cal Level: 5 , Cal Amount: 3.00000		
26-JUN-2009 19:23	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\005F0501.D
Cal Level: 6 , Cal Amount: 4.00000		
26-JUN-2009 18:55	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\004F0401.D
Cal Level: 7 , Cal Amount: 5.00000		
26-JUN-2009 18:28	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\003F0301.D

Continuing Calibration

AL LEVEL 4

26-JUN-2009 21:40	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\010F1001.D
26-JUN-2009 19:50	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\006F0601.D
26-JUN-2009 19:23	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\005F0501.D

Report Date : 30-Jun-2009 12:45 Page 1

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INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
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Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Calibration File Names:
Level 1: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\009F0901.D
Level 2: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\008F0801.D
Level 3: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\007F0701.D
Level 4: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\006F0601.D
Level 5: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\005F0501.D
Level 6: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\004F0401.D
Level 7: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\003F0301.D

SEE CALIBRATION HISTORY

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
1 o,o,o-TEPT	3.11591	2.63737	2.67945	2.89676	2.71623	2.90430					
	2.77446						AVRG		2.81778		5.91149
2 Dichlorvos	2.01706	1.62225	1.58545	1.76366	1.71981	1.74982					
	1.79032						AVRG		1.74977		7.99554
3 Mevinphos	1.01774	0.91295	0.90158	1.01760	0.95159	0.98250					
	0.94429						AVRG		0.96118		4.85992
5 Thionazin	2.12707	1.94606	1.94866	2.08214	1.96051	2.00095					
	1.93224						AVRG		1.99966		3.79706

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Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2	
	5.0000 Level 7											
6 Demeton-O	9836	17553	30145	62341	96004	113108						1/x
	165003						WLINR	-0.01288	1.85831		0.99594	
7 Ethoprop	1.93480	1.70823	1.62324	1.73203	1.74110	1.78272						
	1.74432						AVRG		1.75235		5.38512	
8 Naled	1992	6103	15042	36940	67594	90892						1/x r=0.995
	121152						WLINR	0.09632	0.47378		0.98961	<-
10 Sulfotepp	34658	70885	131347	259970	393078	486417						1/x
	609341						WLINR	-0.03469	2.43674		0.99856	
11 Phorate	2.02801	1.82946	1.73796	1.82370	1.76374	1.79146						
	1.72902						AVRG		1.81476		5.60901	
12 Dimethoate	1.89561	1.76866	2.07434	2.25696	2.23554	2.30994						
	2.21598						AVRG		2.10815		9.72697	
13 Demeton-S	1.49306	1.46224	1.49173	1.58543	1.55216	1.58919						
	1.52702						AVRG		1.52869		3.21407	

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Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	5.0000 Level 7											
14 Simazine	4819	16248	29382	64611	115426	147784						1/x^2
	190219						WLINR	0.03988	0.73140		0.99336	
15 Atrazine	0.70185	0.76532	0.75073	0.84628	0.85434	0.90844						
	0.89508						AVRG		0.81743		9.61085	
16 propazine	0.73887	0.70136	0.69239	0.78178	0.75651	0.81417						
	0.79462						AVRG		0.75424		6.13423	
17 Disulfoton	15404	33208	61920	127893	193050	247845						1/x
	290419						WLINR	-0.01928	1.20917		0.99576	
18 Diazinon	2.20234	1.83553	1.83772	2.01856	1.98676	1.84115						
	1.92388						AVRG		1.94942		6.88114	
19 Methyl Parathion	1.22644	1.10389	1.13741	1.32395	1.30344	1.29686						
	1.26213						AVRG		1.23630		6.92144	
20 Ronnel	1.42863	1.23369	1.21320	1.29342	1.24446	1.34650						
	1.18584						AVRG		1.27796		6.65504	

TestAmerica

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Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
21 Malathion	15443	30581	57103	119836	186013	228260					
	283462						WLINR	-0.02066	1.14436		0.99783
22 Fenthion	1.46442	1.18458	1.16481	1.29096	1.25584	1.25506					
	1.18151						AVRG		1.25674		8.19381
23 Parathion	1.42438	1.25387	1.23322	1.38998	1.36308	1.38514					
	1.31279						AVRG		1.33749		5.43501
24 Chlorpyrifos	1.85614	1.56747	1.47379	1.62915	1.61527	1.62330					
	1.56216						AVRG		1.61818		7.28314
25 Trichloronate	1.44751	1.42551	1.34762	1.48171	1.46256	1.52450					
	1.43428						AVRG		1.44624		3.78186
26 Anilazine	1493	2095	5311	12790	19893	29375					
	+++++						QUAD	0.02107	9.16488	-8.66056	0.99476
27 Merphos-A (Merphos)	1.24844	1.15527	1.15966	1.23989	1.21263	1.24409					
	1.18648						AVRG		1.20664		3.30523

1/x

TestAmerica

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Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
28 Tetrachlorvinphos (Stirophos)	0.76814	0.74606	0.73464	0.83451	0.85233	0.85150					
	0.82648						AVRG		0.80195		6.32809
29 Tokuthion	1.50295	1.28283	1.29501	1.44234	1.39452	1.40891					
	1.37817						AVRG		1.38639		5.62055
30 Merphos-B (Merphos Oxone)	3884	7933	11676	34113	50056	65974					
	79809						WLINR	0.01044	0.32634		0.98820
31 Carbophenothion-methyl	14924	30542	55023	105577	167145	206137					
	266724						WLINR	-0.03349	1.03813		0.99979
32 Fensulfothion	8319	23000	51304	104440	185778	229856					
	295978						WLINR	0.04728	1.18751		0.99821
33 Bolstar / Famphur	1.54988	1.27794	1.32328	1.33835	1.27633	1.28540					
	1.23307						AVRG		1.32632		7.86825
34 Carbophenothion	1.57916	1.19992	1.27687	1.32336	1.26122	1.41398					
	1.25966						AVRG		1.33059		9.63398

NTC
<- See Merphos

1/x

1/x

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
36 Phosmet	1.22087	1.01385	1.11032	1.20586	1.12340	1.16129					
	1.13672						AVRG		1.13890		6.04111
37 EPN	9525	23196	48705	111165	171283	220388					
	294020						WLINR	0.02456	1.11450		0.99317
38 Azinphos-methyl	1.19565	1.13516	1.16767	1.28235	1.23551	1.26700					
	1.21185						AVRG		1.21360		4.33999
40 Azinphos-ethyl	23154	43578	74071	134607	209971	253982					
	318459						WLINR	-0.07409	1.26388		0.99928
41 Coumaphos	1.00140	0.89806	0.92250	1.01947	1.01017	1.01013					
	0.99015						AVRG		0.97884		4.92558
42 Merphos	1.61523	1.45962	1.38820	1.59026	1.52873	1.58626					
	1.49925						AVRG		1.52393		5.34513
43 Total Demeton	1.94415	1.66775	1.60440	1.71838	1.66174	1.66727					
	1.68503						AVRG		1.70696		6.44185

$1/x^2$

$1/x^2$

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
$ 4 Chlormefos	2.28223	2.03679	2.00000	2.26084	2.35620	2.24671					
	2.15521						AVRG		2.19114		6.04132
$ 35 Triphenyl phosphate	1.09980	0.99217	0.96977	1.05450	0.99627	1.00900					
	0.95665						AVRG		1.01117		4.94580

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Wt Linear	Amt = b + Rsp/m1	Response
Quad	Amt = b + m1*Rsp + m2*Rsp^2	Response

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Report Date: 30-Jun-2009 12:45

Calibration History

Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Start Cal Date: 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Last Cal Level: 1
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 0.20000		
26-JUN-2009 21:13	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\009F0901.D
Cal Level: 2 , Cal Amount: 0.50000		
26-JUN-2009 20:45	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\008F0801.D
Cal Level: 3 , Cal Amount: 1.00000		
26-JUN-2009 20:18	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\007F0701.D
Cal Level: 4 , Cal Amount: 2.00000		
26-JUN-2009 19:50	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\006F0601.D
Cal Level: 5 , Cal Amount: 3.00000		
26-JUN-2009 19:23	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\005F0501.D
Cal Level: 6 , Cal Amount: 4.00000		
26-JUN-2009 18:55	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\004F0401.D
Cal Level: 7 , Cal Amount: 5.00000		
26-JUN-2009 18:28	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\003F0301.D

Continuing Calibration

CCal Level Mode: GLOBAL LEVEL 4

26-JUN-2009 21:40	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\010F1001.D
26-JUN-2009 19:50	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\006F0601.D
26-JUN-2009 19:23	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\005F0501.D

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B/010F1001.D
Report Date: 06/30/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Analysis Type: NONE

Injection Date: 26-JUN-2009 21:40
Lab Sample ID: OPP SS GSV0633
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.0000	2.0069	0.3	15.0	
2	Dichlorvos	2.0000	1.7707	11.5	15.0	
3	Chlormefos	2.0000	1.6957	15.2	15.0	<- ok
4	Mevinphos	2.0000	1.8364	8.2	15.0	
5	Demeton-O	0.6500	2.0472	215.0	15.0	<- ok, see total demeton
6	Thionazin	2.0000	1.8758	6.2	15.0	
7	Ethoprop	2.0000	1.8962	5.2	15.0	
8	Phorate	2.0000	1.9509	2.5	15.0	
10	Naled	2.0000	1.0486	47.6	15.0	<-
146	Sulfotepp	2.0000	1.7143	14.3	15.0	
10	Simazine	2.0000	3.6013	80.1	15.0	<-
12	Diazinon	2.0000	2.0803	4.0	15.0	
150	Atrazine	2.0000	1.9693	1.5	15.0	
13	Propazine	2.0000	1.8742	6.3	15.0	
14	Disulfoton	2.0000	1.6970	15.1	15.0	<- ok
15	Demeton-S	1.3600	0.2011	85.2	15.0	<- ok, see total demeton
16	Dimethoate	2.0000	1.8701	6.5	15.0	
17	Ronnel	2.0000	2.0112	0.6	15.0	
148	Merphos-A (Merphos)	2.0000	0.5348	73.3	999.0	
18	Chlorpyrifos	2.0000	2.1084	5.4	15.0	
19	Fenthion	2.0000	2.0634	3.2	15.0	
20	Trichloronate	2.0000	1.8617	6.9	15.0	
21	Anilazine	2.0000	1.2425	37.9	15.0	<-
23	Methyl Parathion	2.0000	2.0228	1.1	15.0	
24	Malathion	2.0000	1.5362	23.2	15.0	<-
25	Tokuthion	2.0000	1.8925	5.4	15.0	
26	Parathion	2.0000	2.1337	6.7	15.0	
149	Merphos-B (Merphos Oxone)	2.0000	5.0080	150.4	999.0	
27	Tetrachlorvinphos (stirophos)	2.0000	2.0814	4.1	15.0	
28	Carbophenothion methyl	2.0000	1.2466	37.7	15.0	<-
28	Bolstar	2.0000	2.0778	3.9	15.0	
30	Carbophenothion	2.0000	1.7496	12.5	15.0	
29	Triphenyl phosphate	2.0000	1.7275	13.6	15.0	
30	Fensulfothion	2.0000	2.0824	4.1	15.0	
35	Phosmet / EPN	4.0000	3.4695	13.3	15.0	
33	Famphur	2.0000	1.7579	12.1	15.0	
34	Azinphos-methyl	2.0000	1.8108	9.5	15.0	
35	Azinphos-ethyl	2.0000	1.7982	10.1	15.0	
36	Coumaphos	2.0000	1.9588	2.1	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B/010F1001.D
Report Date: 06/30/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Analysis Type: NONE

Injection Date: 26-JUN-2009 21:40
Lab Sample ID: OPP SS GSV0633
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
22 Merphos	2.0000	1.6146	19.3	15.0	<-
40 Total Demeton	2.0000	2.2483	12.4	15.0	

Average %D = 24.2

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B/010F1001.D
Report Date: 06/30/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Analysis Type: NONE

Injection Date: 26-JUN-2009 21:40
Lab Sample ID: OPP SS GSV0633
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.0000	2.0577	2.9	15.0	
2	Dichlorvos	2.0000	1.9061	4.7	15.0	
3	Mevinphos	2.0000	1.6977	15.1	15.0	<- ok
4	Chlormefos	2.0000	1.7808	11.0	15.0	
5	Thionazin	2.0000	1.9740	1.3	15.0	
6	Demeton-O	0.6500	1.8707	187.8	15.0	<- ok, see total demeton
7	Ethoprop	2.0000	2.0536	2.7	15.0	
8	Naled	2.0000	1.1983	40.1	15.0	<-
9	Sulfotepp	2.0000	1.7932	10.3	15.0	
10	Phorate	2.0000	2.0180	0.9	15.0	
11	Dimethoate	2.0000	2.0859	4.3	15.0	
12	Demeton-S	1.3600	0.2313	83.0	15.0	<- ok, see total demeton
13	Simazine	2.0000	2.6218	31.1	15.0	<-
14	Atrazine	2.0000	1.9566	2.2	15.0	
15	propazine	2.0000	1.9127	4.4	15.0	
17	Disulfoton	2.0000	1.5890	20.6	15.0	<-
16	Diazinon	2.0000	2.1583	7.9	15.0	
18	Methyl Parathion	2.0000	2.0404	2.0	15.0	
19	Ronnel	2.0000	2.1513	7.6	15.0	
20	Malathion	2.0000	1.6248	18.8	15.0	<-
21	Fenthion	2.0000	1.8840	5.8	15.0	
22	Parathion	2.0000	1.9436	2.8	15.0	
23	Chlorpyrifos	2.0000	1.9720	1.4	15.0	
24	Trichloronate	2.0000	1.8619	6.9	15.0	
25	Anilazine	2.0000	1.0151	49.2	15.0	<-
148	Merphos-A (Merphos)	2.0000	0.4078	79.6	999.0	
26	Tetrachlorvinphos (Stirophos)	2.0000	2.0880	4.4	15.0	
28	Tokuthion	2.0000	2.0254	1.3	15.0	
149	Merphos-B (Merphos Oxone)	2.0000	6.6232	231.2	999.0	
29	Carbophenothion-methyl	2.0000	1.3536	32.3	15.0	<-
29	Fensulfothion	2.0000	1.9235	3.8	15.0	
30	Bolstar / Famphur	4.0000	4.0636	1.6	15.0	
32	Carbophenothion	2.0000	1.8639	6.8	15.0	
31	Triphenyl phosphate	2.0000	1.7170	14.2	15.0	
34	Phosmet	2.0000	1.6471	17.6	15.0	<-
32	EPN	2.0000	1.7931	10.3	15.0	
33	Azinphos-methyl	2.0000	1.9226	3.9	15.0	
35	Azinphos-ethyl	2.0000	1.8331	8.3	15.0	
36	Coumaphos	2.0000	2.0063	0.3	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B/010F1001.D
Report Date: 06/30/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Injection Date: 26-JUN-2009 21:40
Lab File ID: 010F1001.D
Lab Sample ID: OPP SS GSV0633
Analysis Type: NONE
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
27 Merphos	2.0000	1.7215	13.9	15.0
40 Total Demeton	2.0000	2.1021	5.1	15.0

Average %D = 23.4

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702092.B/003F0301.D
Report Date: 07/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i Injection Date: 02-JUL-2009 18:33
Lab File ID: 003F0301.D Lab Sample ID: OPP L5 GSV0635
Analysis Type: NONE Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\07

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	3.0000	3.1402	4.7	15.0	
2	Dichlorvos	3.0000	2.5386	15.4	15.0	<-
3	Chlormefos	3.0000	3.5024	16.7	15.0	<-
4	Mevinphos	3.0000	2.9076	3.1	15.0	
5	Demeton-O	0.9750	1.0128	3.9	15.0	
6	Thionazin	3.0000	3.2099	7.0	15.0	
7	Ethoprop	3.0000	2.7537	8.2	15.0	
8	Phorate	3.0000	3.6350	21.2	15.0	<-
10	Naled	3.0000	3.7566	25.2	15.0	<-
146	Sulfotepp	3.0000	3.2432	8.1	15.0	
10	Simazine	3.0000	2.7089	9.7	15.0	
12	Diazinon	3.0000	3.1478	4.9	15.0	
150	Atrazine	3.0000	3.4354	14.5	15.0	
13	Propazine	3.0000	3.3374	11.2	15.0	
14	Disulfoton	3.0000	3.2825	9.4	15.0	
15	Demeton-S	2.0400	2.2323	9.4	15.0	
16	Dimethoate	3.0000	3.0163	0.5	15.0	
17	Ronnel	3.0000	3.2794	9.3	15.0	
148	Merphos-A (Merphos)	3.0000	3.1224	4.1	999.0	
18	Chlorpyrifos	3.0000	3.3164	10.5	15.0	
19	Fenthion	3.0000	3.0207	0.7	15.0	
20	Trichloronate	3.0000	3.2492	8.3	15.0	
21	Anilazine	3.0000	0.1451	95.2	15.0	<-
23	Methyl Parathion	3.0000	3.2077	6.9	15.0	
24	Malathion	3.0000	3.1851	6.2	15.0	
25	Tokuthion	3.0000	3.2134	7.1	15.0	
26	Parathion	3.0000	3.4142	13.8	15.0	
149	Merphos-B (Merphos Oxone)	3.0000	2.8181	6.1	999.0	
27	Tetrachlorvinphos (stirophos)	3.0000	2.9979	0.1	15.0	
28	Carbophenothion methyl	3.0000	3.2160	7.2	15.0	
28	Bolstar	3.0000	3.2942	9.8	15.0	
30	Carbophenothion	3.0000	3.6951	23.2	15.0	<-
29	Triphenyl phosphate	3.0000	3.1479	4.9	15.0	
30	Fensulfothion	3.0000	2.4620	17.9	15.0	<-
35	Phosmet / EPN	6.0000	6.4523	7.5	15.0	
33	Famphur	3.0000	3.1573	5.2	15.0	
34	Azinphos-methyl	3.0000	2.6085	13.0	15.0	
35	Azinphos-ethyl	3.0000	2.9920	0.3	15.0	
36	Coumaphos	3.0000	2.8528	4.9	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702092.B/003F0301.D
Report Date: 07/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i Injection Date: 02-JUL-2009 18:33
Lab File ID: 003F0301.D Lab Sample ID: OPP L5 GSV0635
Analysis Type: NONE Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\07

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
22 Merphos	3.0000	3.5244	17.5	15.0	<-
40 Total Demeton	3.0000	3.2452	8.2	15.0	

Average %D = 11.2

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702091.B/003F0301.D
Report Date: 07/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i Injection Date: 02-JUL-2009 18:33
Lab File ID: 003F0301.D Lab Sample ID: OPP L5 GSV0635
Analysis Type: NONE Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\07

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	3.0000	3.0690	2.3	15.0	
2	Dichlorvos	3.0000	2.3679	21.1	15.0	<-
3	Mevinphos	3.0000	1.6221	45.9	15.0	<-
4	Chlormefos	3.0000	3.5104	17.0	15.0	<-
5	Thionazin	3.0000	3.0197	0.7	15.0	
6	Demeton-O	0.9750	1.0220	4.8	15.0	
7	Ethoprop	3.0000	2.8919	3.6	15.0	
8	Naled	3.0000	3.8664	28.9	15.0	<-
9	Sulfotepp	3.0000	3.1065	3.6	15.0	
10	Phorate	3.0000	3.1715	5.7	15.0	
11	Dimethoate	3.0000	1.5089	49.7	15.0	<-
12	Demeton-S	2.0400	2.3325	14.3	15.0	
13	Simazine	3.0000	3.3646	12.2	15.0	
14	Atrazine	3.0000	3.1895	6.3	15.0	
15	propazine	3.0000	3.2080	6.9	15.0	
17	Disulfoton	3.0000	3.0155	0.5	15.0	
16	Diazinon	3.0000	3.2451	8.2	15.0	
18	Methyl Parathion	3.0000	3.3131	10.4	15.0	
19	Ronnel	3.0000	2.8349	5.5	15.0	
20	Malathion	3.0000	3.1113	3.7	15.0	
21	Fenthion	3.0000	2.9795	0.7	15.0	
22	Parathion	3.0000	3.1145	3.8	15.0	
23	Chlorpyrifos	3.0000	3.3032	10.1	15.0	
24	Trichloronate	3.0000	3.2922	9.7	15.0	
25	Anilazine	3.0000	2.5672	14.4	15.0	
148	Merphos-A (Merphos)	3.0000	3.1842	6.1	999.0	
26	Tetrachlorvinphos (Stirophos)	3.0000	2.9493	1.7	15.0	
28	Tokuthion	3.0000	3.3239	10.8	15.0	
149	Merphos-B (Merphos Oxone)	3.0000	3.2508	8.4	999.0	
29	Carbophenothion-methyl	3.0000	2.9912	0.3	15.0	
29	Fensulfothion	3.0000	1.6804	44.0	15.0	<-
30	Bolstar / Famphur	6.0000	5.8518	2.5	15.0	
32	Carbophenothion	3.0000	3.0380	1.3	15.0	
31	Triphenyl phosphate	3.0000	2.9554	1.5	15.0	
34	Phosmet	3.0000	2.8590	4.7	15.0	
32	EPN	3.0000	3.6350	21.2	15.0	<-
33	Azinphos-methyl	3.0000	2.5900	13.7	15.0	
35	Azinphos-ethyl	3.0000	2.9745	0.8	15.0	
36	Coumaphos	3.0000	2.7141	9.5	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702091.B/003F0301.D
Report Date: 07/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 003F0301.D
Analysis Type: NONE

Injection Date: 02-JUL-2009 18:33
Lab Sample ID: OPP L5 GSV0635
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\07

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
27 Merphos	3.0000	3.2129	7.1	15.0
40 Total Demeton	3.0000	3.3545	11.8	15.0

Average %D = 10.6

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702092.B/019F1901.D
Report Date: 07/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i Injection Date: 03-JUL-2009 01:50
Lab File ID: 019F1901.D Lab Sample ID: OPP L5 GSV0635
Analysis Type: NONE Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\07

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	3.0000	2.8767	4.1	15.0	
2	Dichlorvos	3.0000	2.5613	14.6	15.0	
3	Chlormefos	3.0000	3.2687	9.0	15.0	
4	Mevinphos	3.0000	2.3315	22.3	15.0	<-
5	Demeton-O	0.9750	0.9656	1.0	15.0	
6	Thionazin	3.0000	2.8068	6.4	15.0	
7	Ethoprop	3.0000	2.6250	12.5	15.0	
8	Phorate	3.0000	3.3383	11.3	15.0	
10	Naled	3.0000	3.5402	18.0	15.0	<-
146	Sulfotepp	3.0000	3.1135	3.8	15.0	
10	Simazine	3.0000	2.4738	17.5	15.0	<-
12	Diazinon	3.0000	2.9861	0.5	15.0	
150	Atrazine	3.0000	3.3002	10.0	15.0	
13	Propazine	3.0000	3.1158	3.9	15.0	
14	Disulfoton	3.0000	3.2319	7.7	15.0	
15	Demeton-S	2.0400	2.2051	8.1	15.0	
16	Dimethoate	3.0000	2.6769	10.8	15.0	
17	Ronnel	3.0000	3.2063	6.9	15.0	
148	Merphos-A (Merphos)	3.0000	3.7133	23.8	999.0	
18	Chlorpyrifos	3.0000	3.1895	6.3	15.0	
19	Fenthion	3.0000	2.7392	8.7	15.0	
20	Trichloronate	3.0000	3.0963	3.2	15.0	
21	Anilazine	3.0000	2.2852	23.8	15.0	<-
23	Methyl Parathion	3.0000	3.2525	8.4	15.0	
24	Malathion	3.0000	2.9367	2.1	15.0	
25	Tokuthion	3.0000	3.0407	1.4	15.0	
26	Parathion	3.0000	3.0922	3.1	15.0	
149	Merphos-B (Merphos Oxone)	3.0000	3.2391	8.0	999.0	
27	Tetrachlorvinphos (stirophos)	3.0000	2.7420	8.6	15.0	
28	Carbophenothion methyl	3.0000	2.8042	6.5	15.0	
28	Bolstar	3.0000	3.1235	4.1	15.0	
30	Carbophenothion	3.0000	3.3193	10.6	15.0	
29	Triphenyl phosphate	3.0000	3.2074	6.9	15.0	
30	Fensulfothion	3.0000	2.3134	22.9	15.0	<-
35	Phosmet / EPN	6.0000	5.8781	2.0	15.0	
33	Famphur	3.0000	2.9101	3.0	15.0	
34	Azinphos-methyl	3.0000	2.2226	25.9	15.0	<-
35	Azinphos-ethyl	3.0000	2.7450	8.5	15.0	
36	Coumaphos	3.0000	2.6318	12.3	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702092.B/019F1901.D
Report Date: 07/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 019F1901.D
Analysis Type: NONE

Injection Date: 03-JUL-2009 01:50
Lab Sample ID: OPP L5 GSV0635
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\07

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
22 Merphos	3.0000	3.8141	27.1	15.0	<-
40 Total Demeton	3.0000	3.1707	5.7	15.0	

Average %D = 9.79

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702091.B/019F1901.D
Report Date: 07/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i Injection Date: 03-JUL-2009 01:50
Lab File ID: 019F1901.D Lab Sample ID: OPP L5 GSV0635
Analysis Type: NONE Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\07

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	3.0000	2.5866	13.8	15.0	
2	Dichlorvos	3.0000	2.4836	17.2	15.0	<-
3	Mevinphos	3.0000	1.3260	55.8	15.0	<-
4	Chlormefos	3.0000	3.5856	19.5	15.0	<-
5	Thionazin	3.0000	2.8382	5.4	15.0	
6	Demeton-O	0.9750	0.9621	1.3	15.0	
7	Ethoprop	3.0000	3.1201	4.0	15.0	
8	Naled	3.0000	3.7667	25.6	15.0	<-
9	Sulfotepp	3.0000	3.1436	4.8	15.0	
10	Phorate	3.0000	3.2797	9.3	15.0	
11	Dimethoate	3.0000	1.2645	57.8	15.0	<-
12	Demeton-S	2.0400	2.2864	12.1	15.0	
13	Simazine	3.0000	4.0653	35.5	15.0	<-
14	Atrazine	3.0000	3.1195	4.0	15.0	
15	propazine	3.0000	2.9041	3.2	15.0	
17	Disulfoton	3.0000	2.8805	4.0	15.0	
16	Diazinon	3.0000	2.9541	1.5	15.0	
18	Methyl Parathion	3.0000	3.1865	6.2	15.0	
19	Ronnel	3.0000	2.7464	8.5	15.0	
20	Malathion	3.0000	3.0067	0.2	15.0	
21	Fenthion	3.0000	2.9822	0.6	15.0	
22	Parathion	3.0000	2.9428	1.9	15.0	
23	Chlorpyrifos	3.0000	3.3794	12.6	15.0	
24	Trichloronate	3.0000	3.1685	5.6	15.0	
25	Anilazine	3.0000	0.9550	68.2	15.0	<-
148	Merphos-A (Merphos)	3.0000	3.1582	5.3	999.0	
26	Tetrachlorvinphos (Stirophos)	3.0000	2.6498	11.7	15.0	
28	Tokuthion	3.0000	3.2902	9.7	15.0	
149	Merphos-B (Merphos Oxone)	3.0000	3.4176	13.9	999.0	
29	Carbophenothion-methyl	3.0000	2.9717	0.9	15.0	
29	Fensulfothion	3.0000	1.2169	59.4	15.0	<-
30	Bolstar / Famphur	6.0000	5.7513	4.1	15.0	
32	Carbophenothion	3.0000	3.0572	1.9	15.0	
31	Triphenyl phosphate	3.0000	2.9428	1.9	15.0	
34	Phosmet	3.0000	2.6901	10.3	15.0	
32	EPN	3.0000	3.3813	12.7	15.0	
33	Azinphos-methyl	3.0000	2.3080	23.1	15.0	<-
35	Azinphos-ethyl	3.0000	2.8069	6.4	15.0	
36	Coumaphos	3.0000	2.3775	20.8	15.0	<-

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702091.B/019F1901.D
Report Date: 07/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i Injection Date: 03-JUL-2009 01:50
Lab File ID: 019F1901.D Lab Sample ID: OPP L5 GSV0635
Analysis Type: NONE Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\07

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
27 Merphos	3.0000	3.2280	7.6	15.0
40 Total Demeton	3.0000	3.2485	8.3	15.0

Average %D = 14.1

E\062609.S

Sequence Table (Front Injector):

Quantification Part:

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
1	Vial 1	PRIMER				
2	Vial 2	HEXANE				
3	Vial 3	OPP L7 GSV0634				
4	Vial 4	OPP L6 GSV0637				
5	Vial 5	OPP L5 GSV0635				
6	Vial 6	OPP L4 GSV0638				
7	Vial 7	OPP L3 GSV0639				
8	Vial 8	OPP L2 GSV0640				
9	Vial 9	OPP L1 GSV0641				
10	Vial 10	OPP SS GSV0633				
11	Vial 11	GSV075309 SPK				
12	Vial 12	LE2931AA,MB				
13	Vial 13	LE2931AC,LCS				
14	Vial 14	LE2931AD,LCSD				
15	Vial 15	LEQA91AC,222-15				10
16	Vial 16	LEQA91AC,222-15				3
17	Vial 17	LEQCQ1AC,222-18				2
18	Vial 18	LERD61AD,377-1				
19	Vial 19	LERD81AH,377-3				
20	Vial 20	LERN71AF,115-1				
21	Vial 21	LERPQ1AF,115-2				
22	Vial 22	LERPX1AF,115-3				
23	Vial 23	LE1F91AJ,138-1				
24	Vial 24	OPP L5 GSV0635				
25	Vial 25	LE29M1AA,MB				
26	Vial 26	LE29M1AC,LCS				
27	Vial 27	LE29M1AD,LCSD				
28	Vial 28	LEQA91AA,222-15				10
29	Vial 29	LEQA91AA,222-15				3
30	Vial 30	LEQCQ1AA,222-18				2
31	Vial 31	LFARC1AA,MB				
32	Vial 32	LFARC1AC,LCS				
33	Vial 33	LFARC1AD,LCSD				
34	Vial 34	LEKL02AA,185-1				
35	Vial 35	LE29L1AA,MB				
36	Vial 36	LE29L1AC,LCS				
37	Vial 37	LE29L1AD,LCSD				
38	Vial 38	LERCV1AA,370-1				
39	Vial 39	LEWJG1AA,143-1				
40	Vial 40	OPP L5 GSV0635				
41	Vial 41	LE5PX1AA,MB				
42	Vial 42	LE5PX1AC,LCS				
43	Vial 43	LE5PX1AD,LCSD				
44	Vial 44	LE39F1AA,179-1				
45	Vial 45	LE3PF1AA,179-2				
46	Vial 46	LE39L1AA,179-3				
47	Vial 47	LFARL1AA,MB				
48	Vial 48	LFARL1AC,LCS				
49	Vial 49	LFARL1AD,LCSD				
50	Vial 50	LEKLE2AE,180-2				
51	Vial 51	LEKLF2AE,180-3				
52	Vial 52	LEKLL2AE,180-4				
53	Vial 53	LEKLQ2AE,180-5				
54	Vial 54	LENR72AD,322-1				
55	Vial 55	LEPG32AJ,161-1				
56	Vial 56	OPP L5 GSV0635				
57	Vial 57	LFD4N1AA,MB				
58	Vial 58	LFD4N1AC,LCS				

E\062609.S

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
59	Vial 59	LFD4N1AD,LCSD				
60	Vial 60	LE3041AJ,158-1				
61	Vial 61	LFD4W1AA,MB				
62	Vial 62	LFD4W1AC,LCS				
63	Vial 63	LFD4W1AD,LCSD				
64	Vial 64	LE7EE1AA,266-2				
65	Vial 65	LE9Q61AA,216-2				
66	Vial 66	LE9RA1AA,216-3				
67	Vial 67	LFC4Q1AD,199-2				
68	Vial 68	OPP L5 GSV0635				
69	Vial 69	LFAN01AA,MB				
70	Vial 70	LFAN01AC,LCS				
71	Vial 71	LFAN01AD,LCSD				
72	Vial 72	LE4291AA,273-1				
73	Vial 73	LE4291AD,273-1S				
74	Vial 74	LE4291AE,273-1D				
75	Vial 75	LE9PJ1AA,215-1				
76	Vial 76	OPP L5 GSV0635				
77	Vial 77	OPP L1 GSV0641				
78	Vial 100	HEXANE/ACETONE				

Sequence Table (Back Injector):

No entries - empty table!

Sequence Table (Front Injector):

Quantification Part:

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
1	Vial 1	PRIMER				
2	Vial 2	HEXANE				
3	Vial 3	OPP L5 GSV0635				
4	Vial 4	LFWQ11AA,MB				
5	Vial 5	LFWQ11AC,LCS				
6	Vial 6	LERCV2AA,370-1				
7	Vial 7	LFX7D1AA,264-1				
8	Vial 8	LFX7D1AC,264-1S				
9	Vial 9	LFX7D1AD,264-1D				
10	Vial 10	LFTN31AA,MB				
11	Vial 11	LFTN31AC,LCS				
12	Vial 12	LFTN31AD,LCSD				
13	Vial 13	LFQ0D1AA,150-1				
14	Vial 14	LFTN21AA,MB				
15	Vial 15	LFTN21AC,LCS				
16	Vial 16	LFTN21AD,LCSD				
17	Vial 17	LFPTE1AA,258-4				
18	Vial 18	LFPTK1AA,258-7				
19	Vial 19	OPP L5 GSV0635				
20	Vial 20	LFHPJ1AA,MB				
21	Vial 21	LFHPJ1AC,LCS				
22	Vial 22	LFC4G1AA,197-1				
23	Vial 23	LFC4G1AD,197-1S				
24	Vial 24	LFC4G1AE,197-1D				
25	Vial 25	LFC4M1AA,198-1				
26	Vial 26	OPP L5 GSV0635				
27	Vial 27	OPP L1 GSV0641				
28	Vial 100	HEXANE/ACETONE				

9181503

9180507

9180806

9175172

10 JRW 9/2/09
3
2

Sequence Table (Back Injector):

No entries - empty table!

TestAmerica

Semivolatile GC

CLP-Like Forms

Lot ID: D9F270150

Client: Northgate/Tronox

Method: SW846 8141A

Associated Samples: 001

Batch: 9189451

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	EB062609-SO
Lot/SDG Number:	8304610	**Lab Sample ID:**	D9F270150-001
Matrix:	WATER	**Lab WorkOrder:**	LFQ0D2AA
% Moisture:	N/A	**Date/Time Collected:**	06/26/09 13:30
Basis:	Wet	**Date/Time Received:**	06/27/09 08:25
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	07/08/09 16:00
QC Batch ID:	9189451	**Date/Time Analyzed:**	07/10/09 03:11
Sample Aliquot:	1057 mL	**Instrument ID:**	D2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
86-50-0	Azinphos-methyl	0.17	0.17	2.5	U
35400-43-2	Bolstar	0.31	0.31	1.0	U
2921-88-2	Chlorpyrifos	0.36	0.36	1.0	U
56-72-4	Coumaphos	0.14	0.14	1.0	U
298-03-3	Demeton-O	0.14	0.14	1.0	U
126-75-0	Demeton-S	0.069	0.069	1.0	U
333-41-5	Diazinon	0.15	0.15	1.0	U
62-73-7	Dichlorvos	0.16	0.16	1.0	U
60-51-5	Dimethoate	0.45	0.45	1.5	U
298-04-4	Disulfoton	0.32	0.32	1.0	U
2104-64-5	EPN	0.15	0.15	1.2	U
13194-48-4	Ethoprop	0.18	0.18	0.50	U
56-38-2	Ethyl parathion	0.14	0.14	1.0	U
52-85-7	Famphur	0.18	0.18	1.0	U
115-90-2	Fensulfothion	0.54	0.54	2.5	U
55-38-9	Fenthion	0.15	0.15	2.5	U
121-75-5	Malathion	0.13	0.13	1.2	U
150-50-5	Merphos	0.17	0.17	5.0	U
298-00-0	Methyl parathion	0.14	0.14	4.0	U
7786-34-7	Mevinphos	0.46	0.46	6.2	U
300-76-5	Naled	0.25	0.25	1.0	U
298-02-2	Phorate	0.15	0.15	1.2	U
299-84-3	Ronnel	0.12	0.12	10	U
3689-24-5	Sulfotepp	0.17	0.17	1.5	U
961-11-5	Tetrachlorvinphos (Stirophos)	0.12	0.12	3.5	U

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	EB062609-SO
Lot/SDG Number:	8304610	**Lab Sample ID:**	D9F270150-001
Matrix:	WATER	**Lab WorkOrder:**	LFQ0D2AA
% Moisture:	N/A	**Date/Time Collected:**	06/26/09 13:30
Basis:	Wet	**Date/Time Received:**	06/27/09 08:25
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	07/08/09 16:00
QC Batch ID:	9189451	**Date/Time Analyzed:**	07/10/09 03:11
Sample Aliquot:	1057 mL	**Instrument ID:**	D2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
297-97-2	Thionazin	0.31	0.31	1.0	U
34643-46-4	Tokuthion	0.12	0.12	1.6	U
327-98-0	Trichloronate	0.24	0.24	1.0	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
115-86-6	Triphenyl phosphate	68	60	154	
24934-91-6	Chlormefos	53	49	171	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	8304610	**Lab Sample ID:**	D9G080000-451B
Matrix:	WATER	**Lab WorkOrder:**	LF7N81AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	07/08/09 16:00
QC Batch ID:	9189451	**Date/Time Analyzed:**	07/10/09 01:49
Sample Aliquot:	1000 mL	**Instrument ID:**	D2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
62-73-7	Dichlorvos	0.16	0.16	1.0	U
297-97-2	Thionazin	0.31	0.31	1.0	U
60-51-5	Dimethoate	0.45	0.45	1.5	U
298-04-4	Disulfoton	0.32	0.32	1.0	U
2104-64-5	EPN	0.15	0.15	1.2	U
13194-48-4	Ethoprop	0.18	0.18	0.50	U
52-85-7	Famphur	0.18	0.18	1.0	U
115-90-2	Fensulfothion	0.54	0.54	2.5	U
55-38-9	Fenthion	0.15	0.15	2.5	U
121-75-5	Malathion	0.13	0.13	1.2	U
150-50-5	Merphos	0.17	0.17	5.0	U
298-00-0	Methyl parathion	0.14	0.14	4.0	U
86-50-0	Azinphos-methyl	0.17	0.17	2.5	U
7786-34-7	Mevinphos	0.46	0.46	6.2	U
300-76-5	Naled	0.25	0.25	1.0	U
56-38-2	Ethyl parathion	0.14	0.14	1.0	U
298-02-2	Phorate	0.15	0.15	1.2	U
299-84-3	Ronnel	0.12	0.12	10	U
3689-24-5	Sulfotepp	0.17	0.17	1.5	U
34643-46-4	Tokuthion	0.12	0.12	1.6	U
327-98-0	Trichloronate	0.24	0.24	1.0	U
35400-43-2	Bolstar	0.31	0.31	1.0	U
961-11-5	Tetrachlorvinphos (Stirophos)	0.12	0.12	3.5	U
2921-88-2	Chlorpyrifos	0.36	0.36	1.0	U
56-72-4	Coumaphos	0.14	0.14	1.0	U
298-03-3	Demeton-O	0.14	0.14	1.0	U
126-75-0	Demeton-S	0.069	0.069	1.0	U
333-41-5	Diazinon	0.15	0.15	1.0	U

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	8304610	**Lab Sample ID:**	D9G080000-451B
Matrix:	WATER	**Lab WorkOrder:**	LF7N81AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	07/08/09 16:00
QC Batch ID:	9189451	**Date/Time Analyzed:**	07/10/09 01:49
Sample Aliquot:	1000 mL	**Instrument ID:**	D2
Dilution Factor:	1		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
115-86-6	Triphenyl phosphate	79	60	154	
24934-91-6	Chlormefos	58	49	171	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Surrogate Recovery Summary

Lab Name: TESTAMERICA DENVER **Extraction** I09P29H
Lot/SDG Number: 8304610 **QC Batch ID:** 9189451

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
INTRA-LAB BLANK	LF7N81AA	58	79							0
CHECK SAMPLE	LF7N81AC	79	81							0
DUPLICATE CHECK	LF7N81AD	78	76							0
EB062609-SO	LFQ0D2AA	53	68							0

Surrogate Number	Surrogate Name	Lower Control Limit	Upper Control Limit
SRG 1	Chlormefos	49	171
SRG 2	Triphenyl phosphate	60	154

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	8304610	**Lab Sample ID:**	D9G080000-451C
Matrix:	WATER	**Lab WorkOrder:**	LF7N81AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	07/08/09 16:00
QC Batch ID:	9189451	**Date/Time Analyzed:**	07/10/09 02:17
Sample Aliquot:	1000 mL	**Instrument ID:**	D2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Dichlorvos	4.00	3.59	90		40 - 193
Thionazin	4.00	3.12	78		39 - 180
Dimethoate	4.00	3.05	76		33 - 139
Disulfoton	4.00	2.99	75		44 - 139
Ethoprop	4.00	3.32	83		43 - 165
Famphur	8.00	6.60	82		51 - 131
Fensulfothion	4.00	3.17	79		46 - 115
Fenthion	4.00	3.07	77		63 - 128
Malathion	4.00	2.84	71		53 - 137
Methyl parathion	4.00	3.58	90		55 - 131
Azinphos-methyl	4.00	3.37	84		42 - 125
Mevinphos	4.00	2.94	73		39 - 175
Ethyl parathion	4.00	3.20	80		47 - 142
Phorate	4.00	2.53	63		46 - 142
Ronnel	4.00	3.01	75		43 - 115
Sulfotepp	4.00	2.87	72		29 - 166
Trichloronate	4.00	2.85	71		60 - 115
Chlorpyrifos	4.00	3.20	80		60 - 120
Coumaphos	4.00	3.53	88		61 - 115
Diazinon	4.00	2.96	74		47 - 149

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
115-86-6	Triphenyl phosphate	81	60	154	
24934-91-6	Chlormefos	79	49	171	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	8304610	**Lab Sample ID:**	D9G080000-451L
Matrix:	WATER	**Lab WorkOrder:**	LF7N81AD
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	07/08/09 16:00
QC Batch ID:	9189451	**Date/Time Analyzed:**	07/10/09 02:44
Sample Aliquot:	1000 mL	**Instrument ID:**	D2
Dilution Factor:	1		

Analyte	True	Found	C	% Rec	Q	RPD	Q	QC Limits	
								% Rec	RPD
Dichlorvos	4.00	3.32		83		7.8		40 - 193	49
Thionazin	4.00	3.00		75		3.8		39 - 180	40
Dimethoate	4.00	3.01		75		1.4		33 - 139	50
Disulfoton	4.00	2.88		72		3.7		44 - 139	40
Ethoprop	4.00	3.17		79		4.6		43 - 165	36
Famphur	8.00	6.09		76		8.0		51 - 131	88
Fensulfothion	4.00	3.31		83		4.4		46 - 115	62
Fenthion	4.00	2.87		72		6.6		63 - 128	41
Malathion	4.00	2.70		68		4.9		53 - 137	28
Methyl parathion	4.00	3.36		84		6.5		55 - 131	30
Azinphos-methyl	4.00	3.05		76		9.9		42 - 125	36
Mevinphos	4.00	2.78		70		5.4		39 - 175	40
Ethyl parathion	4.00	3.02		76		5.9		47 - 142	40
Phorate	4.00	2.38		59		6.1		46 - 142	40
Ronnel	4.00	2.79		70		7.8		43 - 115	39
Sulfotepp	4.00	2.76		69		3.8		29 - 166	40
Trichloronate	4.00	2.71		68		5.1		60 - 115	38
Chlorpyrifos	4.00	3.00		75		6.4		60 - 120	34
Coumaphos	4.00	3.17		79		11		61 - 115	43
Diazinon	4.00	2.90		72		2.2		47 - 149	40

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
115-86-6	Triphenyl phosphate	76	60	154	
24934-91-6	Chlormefos	78	49	171	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Method Blank Summary

Lab Name:	TESTAMERICA DENVER	**Lab File ID:**	011F1101.
Lot/SDG Number:	8304610	**Lab Sample ID:**	D9G080000-451B
Matrix:	WATER	**Lab Work Order:**	LF7N81AA
Analysis Method:	8141A	**Date/Time Extracted:**	07/08/09 16:00
Extraction Method:	I09P29H	**Date/Time Analyzed:**	07/10/09 01:49
QC Batch ID:	9189451	**Instrument ID:**	D2

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
CHECK SAMPLE	LF7N81AC C	011F1101.	07/10/09	02:17
DUPLICATE CHECK	LF7N81AD L	012F1201.	07/10/09	02:44
EB062609-SO	LFQ0D2AA	013F1301.	07/10/09	03:11

Report Date : 30-Jun-2009 12:45 Page 1

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Calibration File Names:
Level 1: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\009F0901.D
Level 2: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\008F0801.D
Level 3: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\007F0701.D
Level 4: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\006F0601.D
Level 5: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\005F0501.D
Level 6: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\004F0401.D
Level 7: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\003F0301.D

SEE CALIBRATION HISTORY

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
1 o,o,o-TEPT	3.11591	2.63737	2.67945	2.89676	2.71623	2.90430					
	2.77446						AVRG		2.81778		5.91149
2 Dichlorvos	2.01706	1.62225	1.58545	1.76366	1.71981	1.74982					
	1.79032						AVRG		1.74977		7.99554
3 Mevinphos	1.01774	0.91295	0.90158	1.01760	0.95159	0.98250					
	0.94429						AVRG		0.96118		4.85992
5 Thionazin	2.12707	1.94606	1.94866	2.08214	1.96051	2.00095					
	1.93224						AVRG		1.99966		3.79706

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2	
	5.0000 Level 7											
6 Demeton-O	9836	17553	30145	62341	96004	113108						1/x
	165003						WLINR	-0.01288	1.85831		0.99594	
7 Ethoprop	1.93480	1.70823	1.62324	1.73203	1.74110	1.78272						
	1.74432						AVRG		1.75235		5.38512	
8 Naled	1992	6103	15042	36940	67594	90892						
	121152						WLINR	0.09632	0.47378		0.98961	<- 1/x r=0.995
10 Sulfotepp	34658	70885	131347	259970	393078	486417						1/x
	609341						WLINR	-0.03469	2.43674		0.99856	
11 Phorate	2.02801	1.82946	1.73796	1.82370	1.76374	1.79146						
	1.72902						AVRG		1.81476		5.60901	
12 Dimethoate	1.89561	1.76866	2.07434	2.25696	2.23554	2.30994						
	2.21598						AVRG		2.10815		9.72697	
13 Demeton-S	1.49306	1.46224	1.49173	1.58543	1.55216	1.58919						
	1.52702						AVRG		1.52869		3.21407	

TestAmerica

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Quant Method : ISTD
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Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	5.0000 Level 7	Curve	Coefficients b	m1	m2	%RSD or R^2	
14 Simazine	4819	16248	29382	64611	115426	147784	190219	WLINR	0.03988	0.73140		0.99336	$1/x^2$
15 Atrazine	0.70185	0.76532	0.75073	0.84628	0.85434	0.90844	0.89508	AVRG		0.81743		9.61085	
16 propazine	0.73887	0.70136	0.69239	0.78178	0.75651	0.81417	0.79462	AVRG		0.75424		6.13423	
17 Disulfoton	15404	33208	61920	127893	193050	247845	290419	WLINR	-0.01928	1.20917		0.99576	$1/x$
18 Diazinon	2.20234	1.83553	1.83772	2.01856	1.98676	1.84115	1.92388	AVRG		1.94942		6.88114	
19 Methyl Parathion	1.22644	1.10389	1.13741	1.32395	1.30344	1.29686	1.26213	AVRG		1.23630		6.92144	
20 Ronnel	1.42863	1.23369	1.21320	1.29342	1.24446	1.34650	1.18584	AVRG		1.27796		6.65504	

TestAmerica

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Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	5.0000 Level 7	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
21 Malathion	15443	30581	57103	119836	186013	228260	283462	WLINR	-0.02066	1.14436		0.99783
22 Fenthion	1.46442	1.18458	1.16481	1.29096	1.25584	1.25506	1.18151	AVRG		1.25674		8.19381
23 Parathion	1.42438	1.25387	1.23322	1.38998	1.36308	1.38514	1.31279	AVRG		1.33749		5.43501
24 Chlorpyrifos	1.85614	1.56747	1.47379	1.62915	1.61527	1.62330	1.56216	AVRG		1.61818		7.28314
25 Trichloronate	1.44751	1.42551	1.34762	1.48171	1.46256	1.52450	1.43428	AVRG		1.44624		3.78186
26 Anilazine	1493	2095	5311	12790	19893	29375	+++++	QUAD	0.02107	9.16488	-8.66056	0.99476
27 Merphos-A (Merphos)	1.24844	1.15527	1.15966	1.23989	1.21263	1.24409	1.18648	AVRG		1.20664		3.30523

1/x

TestAmerica

INITIAL CALIBRATION DATA

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Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	5.0000 Level 7											
28 Tetrachlorvinphos (Stirophos)	0.76814	0.74606	0.73464	0.83451	0.85233	0.85150						
	0.82648						AVRG		0.80195		6.32809	
29 Tokuthion	1.50295	1.28283	1.29501	1.44234	1.39452	1.40891						
	1.37817						AVRG		1.38639		5.62055	
30 Merphos-B (Merphos Oxone)	3884	7933	11676	34113	50056	65974						NTC,
	79809						WLINR	0.01044	0.32634		0.98820	<-See Merphos
31 Carbophenothion-methyl	14924	30542	55023	105577	167145	206137						1/x
	266724						WLINR	-0.03349	1.03813		0.99979	
32 Fensulfothion	8319	23000	51304	104440	185778	229856						1/x
	295978						WLINR	0.04728	1.18751		0.99821	
33 Bolstar / Famphur	1.54988	1.27794	1.32328	1.33835	1.27633	1.28540						
	1.23307						AVRG		1.32632		7.86825	
34 Carbophenothion	1.57916	1.19992	1.27687	1.32336	1.26122	1.41398						
	1.25966						AVRG		1.33059		9.63398	

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
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Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	5.0000 Level 7											
36 Phosmet	1.22087	1.01385	1.11032	1.20586	1.12340	1.16129						
	1.13672						AVRG		1.13890		6.04111	
37 EPN	9525	23196	48705	111165	171283	220388						1/x2
	294020						WLINR	0.02456	1.11450		0.99317	
38 Azinphos-methyl	1.19565	1.13516	1.16767	1.28235	1.23551	1.26700						
	1.21185						AVRG		1.21360		4.33999	
40 Azinphos-ethyl	23154	43578	74071	134607	209971	253982						1/x2
	318459						WLINR	-0.07409	1.26388		0.99928	
41 Coumaphos	1.00140	0.89806	0.92250	1.01947	1.01017	1.01013						
	0.99015						AVRG		0.97884		4.92558	
42 Merphos	1.61523	1.45962	1.38820	1.59026	1.52873	1.58626						
	1.49925						AVRG		1.52393		5.34513	
43 Total Demeton	1.94415	1.66775	1.60440	1.71838	1.66174	1.66727						
	1.68503						AVRG		1.70696		6.44185	

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
$ 4 Chlormefos	2.28223	2.03679	2.00000	2.26084	2.35620	2.24671					
	2.15521						AVRG		2.19114		6.04132
$ 35 Triphenyl phosphate	1.09980	0.99217	0.96977	1.05450	0.99627	1.00900					
	0.95665						AVRG		1.01117		4.94580

Table of Contents

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Wt Linear	Amt = b + Rsp/m1	Response
Quad	Amt = b + m1*Rsp + m2*Rsp^2	Response

Report Date: 30 Jul 2009 12:45

Calibration History

Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Start Cal Date: 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Last Cal Level: 1
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 0.20000		
26-JUN-2009 21:13	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\009F0901.D
Cal Level: 2 , Cal Amount: 0.50000		
26-JUN-2009 20:45	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\008F0801.D
Cal Level: 3 , Cal Amount: 1.00000		
26-JUN-2009 20:18	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\007F0701.D
Cal Level: 4 , Cal Amount: 2.00000		
26-JUN-2009 19:50	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\006F0601.D
Cal Level: 5 , Cal Amount: 3.00000		
26-JUN-2009 19:23	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\005F0501.D
Cal Level: 6 , Cal Amount: 4.00000		
26-JUN-2009 18:55	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\004F0401.D
Cal Level: 7 , Cal Amount: 5.00000		
26-JUN-2009 18:28	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\003F0301.D

Continuing Calibration

Ccal Level Mode: GLOBAL LEVEL 4

26-JUN-2009 21:40	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\010F1001.D
26-JUN-2009 19:50	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\006F0601.D
26-JUN-2009 19:23	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\005F0501.D

Report Date : 30-Jun-2009 12:58 Page 1

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Calibration File Names:
Level 1: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\009F0901.D
Level 2: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\008F0801.D
Level 3: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\007F0701.D
Level 4: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\006F0601.D
Level 5: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\005F0501.D SEE CALIBRATION HISTORY
Level 6: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\004F0401.D
Level 7: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\003F0301.D

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
1 o,o,o-TEPT	2.92648	2.44243	2.35582	2.65851	2.57132	2.61478					
	2.53900						AVRG		2.58691		7.02274
2 Dichlorvos	1.96421	1.82228	1.84036	2.17503	2.12732	2.04712					
	2.16332						AVRG		2.01995		7.32345
4 Mevinphos	1.44354	1.24995	1.21811	1.44363	1.32123	1.40873					
	1.43954						AVRG		1.36067		7.12634
5 Demeton-O	1.19821	1.29971	1.18493	1.34261	1.38930	1.37760					
	1.28370						AVRG		1.29658		6.26552

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2	
	5.0000 Level 7											
6 Thionazin	2.15838	1.84195	1.93751	1.98059	2.08762	2.20076						
	2.03673						AVRG		2.03479		6.19054	
7 Ethoprop	1.70034	1.41105	1.44674	1.51565	1.56615	1.54046						
	1.46268						AVRG		1.52044		6.33190	
8 Phorate	1.89356	1.60276	1.58391	1.69691	1.82591	1.99241						
	1.74661						AVRG		1.76315		8.53946	
9 Naled	94.00000	1666	10859	28010	46004	58330						1/x
	78857						WLINR	0.13436	0.49080		0.99248	
10 Sulfotepp	2.79835	2.53605	2.59328	2.75080	2.67397	2.68532						
	2.57687						AVRG		2.65923		3.59851	
12 Simazine	0.36415	0.34683	0.35351	0.38559	0.39087	0.41510						
	0.41001						AVRG		0.38086		7.05346	
13 Diazinon	12067	15923	49407	98649	155648	181790						1/x
	228810						WLINR	0.01456	1.44446		0.99190	

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	5.0000 Level 7	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
14 Atrazine	5427	1231	21316	49088	85997	98759	128612	LINR	0.11621	0.83396		0.99221
15 Propazine	4880	8102	20907	43235	72628	85745	110050	WLINR	0.02910	0.68050		0.99492
16 Disulfoton	1.39584	1.32983	1.36835	1.41433	1.46581	1.46415	1.37843	AVRG		1.40239		3.56764
17 Demeton-S	667	15766	33785	70921	121463	157195	175573	WLINR	0.05954	1.76807		0.99272
18 Dimethoate	1.93513	1.88284	1.72920	1.81890	1.98388	1.88204	1.92489	AVRG		1.87955		4.46888
19 Ronnel	1.49381	1.09752	1.14631	1.23377	1.29336	1.31702	1.27410	AVRG		1.26513		10.15653
20 Merphos-A (Merphos)	0.73714	0.72841	0.76463	0.71117	0.75339	0.75359	0.62474	AVRG		0.72472		6.56840

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1/x

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
21 Chlorpyrifos	1.28253	1.15885	1.24944	1.20702	1.32365	1.38773					
	1.37311						AVRG		1.28319		6.60140
22 Fenthion	1.20874	1.15890	1.17283	1.16181	1.25398	1.18816					
	1.18668						AVRG		1.19016		2.76871
23 Trichloronate	6944	26053	49357	106326	170976	208762					
	296442						WLINR	0.05263	1.73863		0.99738
24 Anilazine	1634	2256	3581	6899	11039	13112					
	19108						LINR	-0.00058	0.10979		0.99085
25 Methyl Parathion	1.21391	1.12059	1.22102	1.33829	1.35198	1.32937					
	1.41908						AVRG		1.28489		8.00353
26 Malathion	1.23986	1.19694	1.15056	1.17724	1.17540	1.20726					
	1.27856						AVRG		1.20369		3.60449
27 Tokuthion	1.50291	1.31056	1.35261	1.35076	1.45106	1.48916					
	1.40826						AVRG		1.40933		5.28420

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	5.0000 Level 7	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2	
28 Parathion	1.27111	1.15628	1.24872	1.23420	1.30817	1.35972	1.28450	AVRG		1.26610		5.02432	
29 Merphos-B (Merphos Oxone)	3793	6271	15065	23458	40683	62127	65080	WLINR	-0.05169	0.21659		0.96366	<-NTC, see merphos
30 Tetrachlorvinphos (stirophos)	0.86036	0.73114	0.73243	0.80291	0.86664	0.87311	0.86651	AVRG		0.81902		7.82425	
31 Carbophenothion methyl	1.16513	1.02032	1.04699	1.17159	1.27808	1.26831	1.26700	AVRG		1.17392		9.08251	
32 Bolstar	1.33280	1.22387	1.19075	1.20601	1.27262	1.22830	1.20152	AVRG		1.23655		4.05030	
33 Carbophenothion	1.18442	1.13595	1.15332	1.18001	1.34689	1.22912	1.28180	AVRG		1.21593		6.21486	
35 Fensulfothion	0.88346	0.80409	0.88036	0.97346	0.94597	1.00424	0.92148	AVRG		0.91615		7.30438	

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	5.0000 Level 7	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
37 Phosmet / EPN	19707	35826	68186	146012	207459	263604	330448	WLINR	-0.04262	1.00518		0.99785
38 Famphur	1.45536	1.20800	1.18770	1.39816	1.20947	1.39569	1.32805	AVRG		1.31178		8.35158
39 Azinphos-methyl	1.25589	1.08970	1.07858	1.30240	1.20427	1.27709	1.19199	AVRG		1.19999		7.33978
40 Azinphos-ethyl	1.14013	1.11628	1.12015	1.18786	1.16269	1.14594	1.12699	AVRG		1.14286		2.23350
41 Coumaphos	0.78930	0.81655	0.85887	0.90448	0.89897	0.94628	0.93653	AVRG		0.87871		6.77030
42 Merphos	1.56460	1.43887	1.64263	1.66880	1.73437	1.91569	1.70275	AVRG		1.66682		8.85773
43 Total Demeton	3533	23328	47171	100663	168375	213468	244812	WLINR	0.06780	1.63923		0.99469

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
$ 3 Chlormefos	2.19506	1.83698	1.78322	2.03418	2.29040	2.05386					
	2.04016						AVRG		2.03341		8.83890
$ 34 Triphenyl phosphate	1.10969	0.86972	0.91132	1.07710	1.01080	0.99885					
	1.00703						AVRG		0.99779		8.47904

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Curve	Formula	Units
Averaged	Amt = Rsp/ml	Response
Linear	Amt = b + Rsp/ml	Response
Wt Linear	Amt = b + Rsp/ml	Response

Report Date: 30-Jun-2009 12:58

Calibration History

Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Start Cal Date: 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Last Cal Level: 1
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 0.20000		
26-JUN-2009 21:13	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\009F0901.D
Cal Level: 2 , Cal Amount: 0.50000		
26-JUN-2009 20:45	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\008F0801.D
Cal Level: 3 , Cal Amount: 1.00000		
26-JUN-2009 20:18	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\007F0701.D
Cal Level: 4 , Cal Amount: 2.00000		
26-JUN-2009 19:50	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\006F0601.D
Cal Level: 5 , Cal Amount: 3.00000		
26-JUN-2009 19:23	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\005F0501.D
Cal Level: 6 , Cal Amount: 4.00000		
26-JUN-2009 18:55	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\004F0401.D
Cal Level: 7 , Cal Amount: 5.00000		
26-JUN-2009 18:28	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\003F0301.D

Continuing Calibration

Ccal Level Mode: GLOBAL LEVEL 4

26-JUN-2009 21:40	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\010F1001.D
26-JUN-2009 19:50	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\006F0601.D
26-JUN-2009 19:23	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\005F0501.D

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B/010F1001.D
Report Date: 06/30/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Injection Date: 26-JUN-2009 21:40
Lab File ID: 010F1001.D
Lab Sample ID: OPP SS GSV0633
Analysis Type: NONE
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.0000	2.0577	2.9	15.0	
2	Dichlorvos	2.0000	1.9061	4.7	15.0	
3	Mevinphos	2.0000	1.6977	15.1	15.0	<- OK
4	Chlormefos	2.0000	1.7808	11.0	15.0	
5	Thionazin	2.0000	1.9740	1.3	15.0	
6	Demeton-O	0.6500	1.8707	187.8	15.0	<- ok, see total demeton
7	Ethoprop	2.0000	2.0536	2.7	15.0	
8	Naled	2.0000	1.1983	40.1	15.0	<-
9	Sulfotepp	2.0000	1.7932	10.3	15.0	
10	Phorate	2.0000	2.0180	0.9	15.0	
11	Dimethoate	2.0000	2.0859	4.3	15.0	
12	Demeton-S	1.3600	0.2313	83.0	15.0	<- ok, see total demeton
13	Simazine	2.0000	2.6218	31.1	15.0	<-
14	Atrazine	2.0000	1.9566	2.2	15.0	
15	propazine	2.0000	1.9127	4.4	15.0	
17	Disulfoton	2.0000	1.5890	20.6	15.0	<-
16	Diazinon	2.0000	2.1583	7.9	15.0	
18	Methyl Parathion	2.0000	2.0404	2.0	15.0	
19	Ronnel	2.0000	2.1513	7.6	15.0	
20	Malathion	2.0000	1.6248	18.8	15.0	<-
21	Fenthion	2.0000	1.8840	5.8	15.0	
22	Parathion	2.0000	1.9436	2.8	15.0	
23	Chlorpyrifos	2.0000	1.9720	1.4	15.0	
24	Trichloronate	2.0000	1.8619	6.9	15.0	
25	Anilazine	2.0000	1.0151	49.2	15.0	<-
148	Merphos-A (Merphos)	2.0000	0.4078	79.6	999.0	
26	Tetrachlorvinphos (Stirophos)	2.0000	2.0880	4.4	15.0	
28	Tokuthion	2.0000	2.0254	1.3	15.0	
149	Merphos-B (Merphos Oxone)	2.0000	6.6232	231.2	999.0	
29	Carbophenothion-methyl	2.0000	1.3536	32.3	15.0	<-
29	Fensulfothion	2.0000	1.9235	3.8	15.0	
30	Bolstar / Famphur	4.0000	4.0636	1.6	15.0	
32	Carbophenothion	2.0000	1.8639	6.8	15.0	
31	Triphenyl phosphate	2.0000	1.7170	14.2	15.0	
34	Phosmet	2.0000	1.6471	17.6	15.0	<-
32	EPN	2.0000	1.7931	10.3	15.0	
33	Azinphos-methyl	2.0000	1.9226	3.9	15.0	
35	Azinphos-ethyl	2.0000	1.8331	8.3	15.0	
36	Coumaphos	2.0000	2.0063	0.3	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B/010F1001.D
Report Date: 06/30/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Injection Date: 26-JUN-2009 21:40
Lab File ID: 010F1001.D
Lab Sample ID: OPP SS GSV0633
Analysis Type: NONE
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
27 Merphos	2.0000	1.7215	13.9	15.0
40 Total Demeton	2.0000	2.1021	5.1	15.0

Average %D = 23.4

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B/010F1001.D
Report Date: 06/30/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Analysis Type: NONE

Injection Date: 26-JUN-2009 21:40
Lab Sample ID: OPP SS GSV0633
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.0000	2.0069	0.3	15.0	
2	Dichlorvos	2.0000	1.7707	11.5	15.0	
3	Chlormefos	2.0000	1.6957	15.2	15.0	<- ok
4	Mevinphos	2.0000	1.8364	8.2	15.0	
5	Demeton-O	0.6500	2.0472	215.0	15.0	<- ok, see total demeton
6	Thionazin	2.0000	1.8758	6.2	15.0	
7	Ethoprop	2.0000	1.8962	5.2	15.0	
8	Phorate	2.0000	1.9509	2.5	15.0	
10	Naled	2.0000	1.0486	47.6	15.0	<-
146	Sulfotepp	2.0000	1.7143	14.3	15.0	
10	Simazine	2.0000	3.6013	80.1	15.0	<-
12	Diazinon	2.0000	2.0803	4.0	15.0	
150	Atrazine	2.0000	1.9693	1.5	15.0	
13	Propazine	2.0000	1.8742	6.3	15.0	
14	Disulfoton	2.0000	1.6970	15.1	15.0	<- ok
15	Demeton-S	1.3600	0.2011	85.2	15.0	<- ok, see total demeton
16	Dimethoate	2.0000	1.8701	6.5	15.0	
17	Ronnel	2.0000	2.0112	0.6	15.0	
148	Merphos-A (Merphos)	2.0000	0.5348	73.3	999.0	
18	Chlorpyrifos	2.0000	2.1084	5.4	15.0	
19	Fenthion	2.0000	2.0634	3.2	15.0	
20	Trichloronate	2.0000	1.8617	6.9	15.0	
21	Anilazine	2.0000	1.2425	37.9	15.0	<-
23	Methyl Parathion	2.0000	2.0228	1.1	15.0	
24	Malathion	2.0000	1.5362	23.2	15.0	<-
25	Tokuthion	2.0000	1.8925	5.4	15.0	
26	Parathion	2.0000	2.1337	6.7	15.0	
149	Merphos-B (Merphos Oxone)	2.0000	5.0080	150.4	999.0	
27	Tetrachlorvinphos (stirophos)	2.0000	2.0814	4.1	15.0	
28	Carbophenothion methyl	2.0000	1.2466	37.7	15.0	<-
28	Bolstar	2.0000	2.0778	3.9	15.0	
30	Carbophenothion	2.0000	1.7496	12.5	15.0	
29	Triphenyl phosphate	2.0000	1.7275	13.6	15.0	
30	Fensulfothion	2.0000	2.0824	4.1	15.0	
35	Phosmet / EPN	4.0000	3.4695	13.3	15.0	
33	Famphur	2.0000	1.7579	12.1	15.0	
34	Azinphos-methyl	2.0000	1.8108	9.5	15.0	
35	Azinphos-ethyl	2.0000	1.7982	10.1	15.0	
36	Coumaphos	2.0000	1.9588	2.1	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B/010F1001.D
Report Date: 06/30/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Analysis Type: NONE

Injection Date: 26-JUN-2009 21:40
Lab Sample ID: OPP SS GSV0633
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
22 Merphos	2.0000	1.6146	19.3	15.0	<-
40 Total Demeton	2.0000	2.2483	12.4	15.0	

Average %D = 24.2

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709091.B/003F0301.D
...port Date: 07/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

...strument ID: GC_D2.i Injection Date: 09-JUL-2009 22:38
...b File ID: 003F0301.D Lab Sample ID: OPP CCV GSV0827
...alysis Type: NONE Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\07

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
1	o,o,o-TEPT	2.5000	2.3551	5.8	15.0
2	Dichlorvos	2.5000	2.1427	14.3	15.0
3	Mevinphos	2.5000	2.3505	6.0	15.0
4	Chlormefos	2.5000	2.3737	5.1	15.0
5	Thionazin	2.5000	2.4162	3.4	15.0
6	Demeton-O	0.8125	0.7733	4.8	15.0
7	Ethoprop	2.5000	2.4231	3.1	15.0
8	Naled	2.5000	2.8135	12.5	15.0
9	Sulfotepp	2.5000	2.4333	2.7	15.0
10	Phorate	2.5000	2.3359	6.6	15.0
11	Dimethoate	2.5000	2.4607	1.6	15.0
12	Demeton-S	1.7000	1.6107	5.3	15.0
13	Simazine	2.5000	2.1348	14.6	15.0
14	Atrazine	2.5000	2.4348	2.6	15.0
15	propazine	2.5000	2.3949	4.2	15.0
17	Disulfoton	2.5000	2.3793	4.8	15.0
16	Diazinon	2.5000	2.3676	5.3	15.0
18	Methyl Parathion	2.5000	2.4895	0.4	15.0
19	Ronnel	2.5000	2.1442	14.2	15.0
20	Malathion	2.5000	2.3246	7.0	15.0
21	Fenthion	2.5000	2.2042	11.8	15.0
22	Parathion	2.5000	2.4018	3.9	15.0
23	Chlorpyrifos	2.5000	2.2502	10.0	15.0
24	Trichloronate	2.5000	2.3361	6.6	15.0
25	Anilazine	2.5000	2.5016	0.1	15.0
148	Merphos-A (Merphos)	2.5000	2.3583	5.7	999.0
26	Tetrachlorvinphos (Stirophos)	2.5000	2.4794	0.8	15.0
28	Tokuthion	2.5000	2.3278	6.9	15.0
149	Merphos-B (Merphos Oxone)	2.5000	2.4061	3.8	999.0
29	Carbophenothion-methyl	2.5000	2.3544	5.8	15.0
29	Fensulfothion	2.5000	2.2174	11.3	15.0
30	Bolstar / Famphur	5.0000	4.6122	7.8	15.0
32	Carbophenothion	2.5000	2.2957	8.2	15.0
31	Triphenyl phosphate	2.5000	2.3161	7.4	15.0
34	Phosmet	2.5000	2.3975	4.1	15.0
32	EPN	2.5000	2.5445	1.8	15.0
33	Azinphos-methyl	2.5000	2.4037	3.9	15.0
35	Azinphos-ethyl	2.5000	2.3570	5.7	15.0
36	Coumaphos	2.5000	2.4131	3.5	15.0

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709091.B/003F0301.D
Report Date: 07/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 003F0301.D
Analysis Type: NONE

Injection Date: 09-JUL-2009 22:38
Lab Sample ID: OPP CCV GSV0827
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\07

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
27 Merphos	2.5000	2.3780	4.9	15.0
40 Total Demeton	2.5000	2.3840	4.6	15.0

Average %D = 5.92

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709092.B/003F0301.D
Report Date: 07/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i Injection Date: 09-JUL-2009 22:38
Lab File ID: 003F0301.D Lab Sample ID: OPP CCV GSV0827
Analysis Type: NONE Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\07

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.4872	0.5	15.0	
2	Dichlorvos	2.5000	2.3362	6.6	15.0	
3	Chlormefos	2.5000	2.4948	0.2	15.0	
4	Mevinphos	2.5000	2.2768	8.9	15.0	
5	Demeton-O	0.8125	0.8109	0.2	15.0	
6	Thionazin	2.5000	2.4438	2.2	15.0	
7	Ethoprop	2.5000	2.3422	6.3	15.0	
8	Phorate	2.5000	2.4184	3.3	15.0	
10	Naled	2.5000	2.9409	17.6	15.0	<-
146	Sulfotepp	2.5000	2.4628	1.5	15.0	
10	Simazine	2.5000	2.3270	6.9	15.0	
12	Diazinon	2.5000	2.4349	2.6	15.0	
150	Atrazine	2.5000	2.4777	0.9	15.0	
13	Propazine	2.5000	2.4342	2.6	15.0	
14	Disulfoton	2.5000	2.4168	3.3	15.0	
15	Demeton-S	1.7000	1.5418	9.3	15.0	
16	Dimethoate	2.5000	2.5584	2.3	15.0	
17	Ronnel	2.5000	2.3740	5.0	15.0	
148	Merphos-A (Merphos)	2.5000	2.4009	4.0	999.0	
18	Chlorpyrifos	2.5000	2.2395	10.4	15.0	
19	Fenthion	2.5000	2.3817	4.7	15.0	
20	Trichloronate	2.5000	2.5823	3.3	15.0	
21	Anilazine	2.5000	2.6871	7.5	15.0	
23	Methyl Parathion	2.5000	2.6752	7.0	15.0	
24	Malathion	2.5000	2.3767	4.9	15.0	
25	Tokuthion	2.5000	2.4025	3.9	15.0	
26	Parathion	2.5000	2.6645	6.6	15.0	
149	Merphos-B (Merphos Oxone)	2.5000	3.1161	24.6	999.0	
27	Tetrachlorvinphos (stirophos)	2.5000	2.4886	0.5	15.0	
28	Carbophenothion methyl	2.5000	2.5015	0.1	15.0	
28	Bolstar	2.5000	2.3883	4.5	15.0	
30	Carbophenothion	2.5000	2.5403	1.6	15.0	
29	Triphenyl phosphate	2.5000	2.4139	3.4	15.0	
30	Fensulfothion	2.5000	2.3742	5.0	15.0	
35	Phosmet / EPN	5.0000	4.7681	4.6	15.0	
33	Famphur	2.5000	2.2164	11.3	15.0	
34	Azinphos-methyl	2.5000	2.3388	6.4	15.0	
35	Azinphos-ethyl	2.5000	2.3349	6.6	15.0	
36	Coumaphos	2.5000	2.4984	0.1	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709092.B/003F0301.D
Report Date: 07/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 003F0301.D
Analysis Type: NONE

Injection Date: 09-JUL-2009 22:38
Lab Sample ID: OPP CCV GSV0827
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\07

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
22 Merphos	2.5000	2.5423	1.7	15.0
40 Total Demeton	2.5000	2.3527	5.9	15.0

Average %D = 5.10

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709091.B/014F1401.D
Report Date: 07/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i Injection Date: 10-JUL-2009 03:38
Lab File ID: 014F1401.D Lab Sample ID: OPP CCV GSV0827
Analysis Type: NONE Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\07

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.3643	5.4	15.0	
2	Dichlorvos	2.5000	2.5394	1.6	15.0	
3	Mevinphos	2.5000	2.5199	0.8	15.0	
4	Chlormefos	2.5000	2.5234	0.9	15.0	
5	Thionazin	2.5000	2.4660	1.4	15.0	
6	Demeton-O	0.8125	0.9405	15.8	15.0	<-
7	Ethoprop	2.5000	2.7443	9.8	15.0	
8	Naled	2.5000	3.1727	26.9	15.0	<-
9	Sulfotepp	2.5000	2.6466	5.9	15.0	
10	Phorate	2.5000	2.6318	5.3	15.0	
11	Dimethoate	2.5000	2.8109	12.4	15.0	
12	Demeton-S	1.7000	1.8542	9.1	15.0	
13	Simazine	2.5000	2.7045	8.2	15.0	
14	Atrazine	2.5000	2.6294	5.2	15.0	
15	propazine	2.5000	2.4510	2.0	15.0	
17	Disulfoton	2.5000	2.4793	0.8	15.0	
16	Diazinon	2.5000	2.5280	1.1	15.0	
18	Methyl Parathion	2.5000	2.7742	11.0	15.0	
19	Ronnel	2.5000	2.5361	1.4	15.0	
20	Malathion	2.5000	2.5122	0.5	15.0	
21	Fenthion	2.5000	2.4042	3.8	15.0	
22	Parathion	2.5000	2.5353	1.4	15.0	
23	Chlorpyrifos	2.5000	2.4690	1.2	15.0	
24	Trichloronate	2.5000	2.5598	2.4	15.0	
25	Anilazine	2.5000	2.6443	5.8	15.0	
148	Merphos-A (Merphos)	2.5000	2.4543	1.8	999.0	
26	Tetrachlorvinphos (Stirophos)	2.5000	2.5605	2.4	15.0	
28	Tokuthion	2.5000	2.4890	0.4	15.0	
149	Merphos-B (Merphos Oxone)	2.5000	2.9831	19.3	999.0	
29	Carbophenothion-methyl	2.5000	2.5378	1.5	15.0	
29	Fensulfothion	2.5000	2.5529	2.1	15.0	
30	Bolstar / Famphur	5.0000	4.9017	2.0	15.0	
32	Carbophenothion	2.5000	2.3768	4.9	15.0	
31	Triphenyl phosphate	2.5000	2.5544	2.2	15.0	
34	Phosmet	2.5000	2.7580	10.3	15.0	
32	EPN	2.5000	2.6787	7.1	15.0	
33	Azinphos-methyl	2.5000	2.5994	4.0	15.0	
35	Azinphos-ethyl	2.5000	2.4798	0.8	15.0	
36	Coumaphos	2.5000	2.5203	0.8	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709091.B/014F1401.D
Report Date: 07/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i Injection Date: 10-JUL-2009 03:38
Lab File ID: 014F1401.D Lab Sample ID: OPP CCV GSV0827
Analysis Type: NONE Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\07

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
27 Merphos	2.5000	2.5776	3.1	15.0
40 Total Demeton	2.5000	2.7947	11.8	15.0

Average %D = 5.24

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709092.B/014F1401.D
Report Date: 07/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i Injection Date: 10-JUL-2009 03:38
Lab File ID: 014F1401.D Lab Sample ID: OPP CCV GSV0827
Analysis Type: NONE Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\07

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.4353	2.6	15.0	
2	Dichlorvos	2.5000	2.1830	12.7	15.0	
3	Chlormefos	2.5000	2.2910	8.4	15.0	
4	Mevinphos	2.5000	2.2869	8.5	15.0	
5	Demeton-O	0.8125	0.7743	4.7	15.0	
6	Thionazin	2.5000	2.5017	0.1	15.0	
7	Ethoprop	2.5000	2.3668	5.3	15.0	
8	Phorate	2.5000	2.8178	12.7	15.0	
10	Naled	2.5000	3.0720	22.9	15.0	<-
146	Sulfotepp	2.5000	2.6484	5.9	15.0	
10	Simazine	2.5000	3.2912	31.6	15.0	<-
12	Diazinon	2.5000	2.5920	3.7	15.0	
150	Atrazine	2.5000	2.7887	11.5	15.0	
13	Propazine	2.5000	2.6153	4.6	15.0	
14	Disulfoton	2.5000	2.5069	0.3	15.0	
15	Demeton-S	1.7000	1.6510	2.9	15.0	
16	Dimethoate	2.5000	2.4031	3.9	15.0	
17	Ronnel	2.5000	2.3342	6.6	15.0	
148	Merphos-A (Merphos)	2.5000	1.8597	25.6	999.0	
18	Chlorpyrifos	2.5000	2.3536	5.9	15.0	
19	Fenthion	2.5000	2.3707	5.2	15.0	
20	Trichloronate	2.5000	2.3859	4.6	15.0	
21	Anilazine	2.5000	0.3770	84.9	15.0	<-
23	Methyl Parathion	2.5000	2.5510	2.0	15.0	
24	Malathion	2.5000	2.5669	2.7	15.0	
25	Tokuthion	2.5000	2.3297	6.8	15.0	
26	Parathion	2.5000	2.5446	1.8	15.0	
149	Merphos-B (Merphos Oxone)	2.5000	1.6703	33.2	999.0	
27	Tetrachlorvinphos (stirophos)	2.5000	2.5776	3.1	15.0	
28	Carbophenothion methyl	2.5000	2.6974	7.9	15.0	
28	Bolstar	2.5000	2.4399	2.4	15.0	
30	Carbophenothion	2.5000	2.6033	4.1	15.0	
29	Triphenyl phosphate	2.5000	2.5175	0.7	15.0	
30	Fensulfothion	2.5000	2.3525	5.9	15.0	
35	Phosmet / EPN	5.0000	4.9874	0.3	15.0	
33	Famphur	2.5000	2.4126	3.5	15.0	
34	Azinphos-methyl	2.5000	2.4350	2.6	15.0	
35	Azinphos-ethyl	2.5000	2.4884	0.5	15.0	
36	Coumaphos	2.5000	2.5644	2.6	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709092.B/014F1401.D
Report Date: 07/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i Injection Date: 10-JUL-2009 03:38
Lab File ID: 014F1401.D Lab Sample ID: OPP CCV GSV0827
Analysis Type: NONE Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\07

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
22 Merphos	2.5000	2.4766	0.9	15.0
40 Total Demeton	2.5000	2.4253	3.0	15.0

Average %D = 8.76

E\062609.S

Sequence Table (Front Injector):

Quantification Part:

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
1	Vial 1	PRIMER				
2	Vial 2	HEXANE				
3	Vial 3	OPP L7 GSV0634				
4	Vial 4	OPP L6 GSV0637				
5	Vial 5	OPP L5 GSV0635				
6	Vial 6	OPP L4 GSV0638				
7	Vial 7	OPP L3 GSV0639				
8	Vial 8	OPP L2 GSV0640				
9	Vial 9	OPP L1 GSV0641				
10	Vial 10	OPP SS GSV0633				
11	Vial 11	GSV075309 SPK				
12	Vial 12	LE2931AA,MB				
13	Vial 13	LE2931AC,LCS				
14	Vial 14	LE2931AD,LCSD				
15	Vial 15	LEQA91AC,222-15				10
16	Vial 16	LEQA91AC,222-15				3
17	Vial 17	LEQCQ1AC,222-18				2
18	Vial 18	LERD61AD,377-1				
19	Vial 19	LERD81AH,377-3				
20	Vial 20	LERN71AF,115-1				
21	Vial 21	LERPQ1AF,115-2				
22	Vial 22	LERPX1AF,115-3				
23	Vial 23	LE1F91AJ,138-1				
24	Vial 24	OPP L5 GSV0635				
25	Vial 25	LE29M1AA,MB				
26	Vial 26	LE29M1AC,LCS				
27	Vial 27	LE29M1AD,LCSD				
28	Vial 28	LEQA91AA,222-15				10
29	Vial 29	LEQA91AA,222-15				3
30	Vial 30	LEQCQ1AA,222-18				2
31	Vial 31	LFARC1AA,MB				
32	Vial 32	LFARC1AC,LCS				
33	Vial 33	LFARC1AD,LCSD				
34	Vial 34	LEKL02AA,185-1				
35	Vial 35	LE29L1AA,MB				
36	Vial 36	LE29L1AC,LCS				
37	Vial 37	LE29L1AD,LCSD				
38	Vial 38	LERCV1AA,370-1				
39	Vial 39	LEWJG1AA,143-1				
40	Vial 40	OPP L5 GSV0635				
41	Vial 41	LE5PX1AA,MB				
42	Vial 42	LE5PX1AC,LCS				
43	Vial 43	LE5PX1AD,LCSD				
44	Vial 44	LE39F1AA,179-1				
45	Vial 45	LE3PF1AA,179-2				
46	Vial 46	LE39L1AA,179-3				
47	Vial 47	LFARL1AA,MB				
48	Vial 48	LFARL1AC,LCS				
49	Vial 49	LFARL1AD,LCSD				
50	Vial 50	LEKLE2AE,180-2				
51	Vial 51	LEKLF2AE,180-3				
52	Vial 52	LEKLL2AE,180-4				
53	Vial 53	LEKLQ2AE,180-5				
54	Vial 54	LENR72AD,322-1				
55	Vial 55	LEPG32AJ,161-1				
56	Vial 56	OPP L5 GSV0635				
57	Vial 57	LFD4N1AA,MB				
58	Vial 58	LFD4N1AC,LCS				

RR

...CE\062609.S

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
59	Vial 59	LFD4N1AD,LCSD				
60	Vial 60	LE3041AJ,158-1				
61	Vial 61	LFD4W1AA,MB				
62	Vial 62	LFD4W1AC,LCS				
63	Vial 63	LFD4W1AD,LCSD				
64	Vial 64	LE7EE1AA,266-2				
65	Vial 65	LE9Q61AA,216-2				
66	Vial 66	LE9RA1AA,216-3				
67	Vial 67	LFC4Q1AD,199-2				
68	Vial 68	OPP L5 GSV0635				
69	Vial 69	LFAN01AA,MB				
70	Vial 70	LFAN01AC,LCS				
71	Vial 71	LFAN01AD,LCSD				
72	Vial 72	LE4291AA,273-1				
73	Vial 73	LE4291AD,273-1S				
74	Vial 74	LE4291AE,273-1D				
75	Vial 75	LE9PJ1AA,215-1				
76	Vial 76	OPP L5 GSV0635				
77	Vial 77	OPP L1 GSV0641				
78	Vial 100	HEXANE/ACETONE				

Sequence Table (Back Injector):

No entries - empty table!

...E:\...\SEQUENCE\070909.S

Sequence Table (Front Injector):

Quantification Part:

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
1	Vial 1	PRIMER				
2	Vial 2	HEXANE				
3	Vial 3	OPP CCV GSV0827				
4	Vial 4	LF0E51AA,MB				
5	Vial 5	LF0E51AC,LCS				
6	Vial 6	LF0E51AD,LCSD				
7	Vial 7	LERN72AF,115-1				
8	Vial 8	LERPQ2AF,115-2				
9	Vial 9	LERPX2AF,115-3				
10	Vial 10	LF7N81AA,MB				
11	Vial 11	LF7N81AC,LCS				
12	Vial 12	LF7N81AD,LCSD				
13	Vial 13	LFQ0D2AA,150-1				
14	Vial 14	OPP CCV GSV0827				
15	Vial 15	LF5Q81AA,MB				
16	Vial 16	LF5Q81AC,LCS				
17	Vial 17	LF5Q81AD,LCSD				
18	Vial 18	LF2AQ1AA,291-1				
19	Vial 19	LF2AX1AA,291-2				
20	Vial 20	LF2A51AA,291-3				
21	Vial 21	LF2DV1AA,302-1				
22	Vial 22	LF5QC1AA,252-1				
23	Vial 23	LF5QX1AA,252-2				
24	Vial 24	LF5Q11AA,252-3				
25	Vial 25	LF5Q21AA,252-4				
26	Vial 26	OPP CCV GSV0827				
27	Vial 27	LF9N41AA,MB				
28	Vial 28	LF9N41AC,LCS				
29	Vial 29	LF9N41AD,LCSD				
30	Vial 30	LERN73AF,115-1				
31	Vial 31	LERPQ3AF,115-2				
32	Vial 32	LERPX3AF,115-3				
33	Vial 33	LF1JG2CX,189-1				
34	Vial 34	LF1LF2C1,189-9				
35	Vial 35	LF1LN2C1,189-13				
36	Vial 36	OPP CCV GSV0827				
37	Vial 37	LF7RT1AA,MB				
38	Vial 38	LF7RT1AD,LCS				
39	Vial 39	LF7RT1AE,LCSD				
40	Vial 40	LFC4G2AA,197-1				
41	Vial 41	LFC4M2AA,198-1				
42	Vial 42	LF5T81AA,MB				
43	Vial 43	LF5T81AC,LCS				
44	Vial 44	LF1T81AA,222-1				
45	Vial 45	LF1T81AD,222-1S				
46	Vial 46	LF1T81AE,222-1D				
47	Vial 47	LF1XG1AA,235-1				
48	Vial 48	LF1XG1AC,235-1S				
49	Vial 49	LF1XG1AD,235-1D				
50	Vial 50	LF1XT1AA,235-2				
51	Vial 51	LF1XX1AA,235-3				
52	Vial 52	OPP CCV GSV0827				
53	Vial 53	OPP L1 GSV				
54	Vial 2	HEXANE/ACETONE				

9182411

9188451

11884D3

11904/4

11894994

9188427

Sequence Table (Back Injector):

TestAmerica

Semivolatile GC

CLP-Like Forms

Lot ID: D9G020222

Client: Northgate/Tronox

Method: SW846 8141A

Associated Samples: 001

Batch: 9188427

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	SA106-0.5B
Lot/SDG Number:	8304610	**Lab Sample ID:**	D9G020222-001
Matrix:	SOLID	**Lab WorkOrder:**	LF1T81AA
% Moisture:	14	**Date/Time Collected:**	06/30/09 09:10
Basis:	Dry	**Date/Time Received:**	07/02/09 09:00
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	07/07/09 20:00
QC Batch ID:	9188427	**Date/Time Analyzed:**	07/13/09 21:46
Sample Aliquot:	29.33 g	**Instrument ID:**	D2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
86-50-0	Azinphos-methyl	4.1	4.1	15	U
35400-43-2	Bolstar	4.9	4.9	15	U
2921-88-2	Chlorpyrifos	7.5	7.5	23	U
56-72-4	Coumaphos	3.3	3.3	15	U
298-03-3	Demeton-O	6.2	6.2	45	U
126-75-0	Demeton-S	5.7	5.7	17	U
333-41-5	Diazinon	8.5	8.5	26	U
62-73-7	Dichlorvos	8.6	8.6	27	U
60-51-5	Dimethoate	8.2	8.2	26	U
298-04-4	Disulfoton	9.0	9.0	56	U
2104-64-5	EPN	4.3	4.3	15	U
13194-48-4	Ethoprop	5.7	5.7	17	U
56-38-2	Ethyl parathion	6.2	6.2	21	U
52-85-7	Famphur	3.7	3.7	15	U
115-90-2	Fensulfothion	9.5	9.5	29	U
55-38-9	Fenthion	10	10	38	U
121-75-5	Malathion	5.4	5.4	17	U
150-50-5	Merphos	6.0	6.0	35	U
298-00-0	Methyl parathion	7.4	7.4	23	U
7786-34-7	Mevinphos	5.4	5.4	17	U
300-76-5	Naled	26	26	81	U
298-02-2	Phorate	6.6	6.6	23	U
299-84-3	Ronnel	18	18	54	U
3689-24-5	Sulfotepp	7.3	7.3	23	U
961-11-5	Tetrachlorvinphos (Stirophos)	5.1	5.1	17	U

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	SA106-0.5B
Lot/SDG Number:	8304610	**Lab Sample ID:**	D9G020222-001
Matrix:	SOLID	**Lab WorkOrder:**	LF1T81AA
% Moisture:	14	**Date/Time Collected:**	06/30/09 09:10
Basis:	Dry	**Date/Time Received:**	07/02/09 09:00
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	07/07/09 20:00
QC Batch ID:	9188427	**Date/Time Analyzed:**	07/13/09 21:46
Sample Aliquot:	29.33 g	**Instrument ID:**	D2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
297-97-2	Thionazin	6.5	6.5	21	U
34643-46-4	Tokuthion	4.6	4.6	23	U
327-98-0	Trichloronate	7.3	7.3	23	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
115-86-6	Triphenyl phosphate	56	47	161	
24934-91-6	Chlormefos	43	42	132	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	8304610	**Lab Sample ID:**	D9G070000-427B
Matrix:	SOLID	**Lab WorkOrder:**	LF5T81AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	07/07/09 20:00
QC Batch ID:	9188427	**Date/Time Analyzed:**	07/13/09 20:52
Sample Aliquot:	30.97 g	**Instrument ID:**	D2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
62-73-7	Dichlorvos	7.4	7.4	23	U
297-97-2	Thionazin	5.6	5.6	18	U
60-51-5	Dimethoate	7.1	7.1	22	U
298-04-4	Disulfoton	7.7	7.7	48	U
2104-64-5	EPN	3.7	3.7	13	U
13194-48-4	Ethoprop	4.9	4.9	15	U
52-85-7	Famphur	3.2	3.2	13	U
115-90-2	Fensulfothion	8.2	8.2	25	U
55-38-9	Fenthion	8.7	8.7	33	U
121-75-5	Malathion	4.6	4.6	15	U
150-50-5	Merphos	5.1	5.1	30	U
298-00-0	Methyl parathion	6.4	6.4	20	U
86-50-0	Azinphos-methyl	3.5	3.5	13	U
7786-34-7	Mevinphos	4.6	4.6	15	U
300-76-5	Naled	23	23	70	U
56-38-2	Ethyl parathion	5.3	5.3	18	U
298-02-2	Phorate	5.7	5.7	20	U
299-84-3	Ronnel	15	15	46	U
3689-24-5	Sulfotepp	6.3	6.3	20	U
34643-46-4	Tokuthion	3.9	3.9	20	U
327-98-0	Trichloronate	6.2	6.2	20	U
35400-43-2	Bolstar	4.2	4.2	13	U
961-11-5	Tetrachlorvinphos (Stirophos)	4.4	4.4	15	U
2921-88-2	Chlorpyrifos	6.5	6.5	20	U
56-72-4	Coumaphos	2.8	2.8	13	U
298-03-3	Demeton-O	5.3	5.3	39	U
126-75-0	Demeton-S	4.9	4.9	15	U
333-41-5	Diazinon	7.3	7.3	22	U

Form 1 Prep Blank Equivalent

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	8304610	**Lab Sample ID:**	D9G070000-427B
Matrix:	SOLID	**Lab WorkOrder:**	LF5T81AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	07/07/09 20:00
QC Batch ID:	9188427	**Date/Time Analyzed:**	07/13/09 20:52
Sample Aliquot:	30.97 g	**Instrument ID:**	D2
Dilution Factor:	1		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
115-86-6	Triphenyl phosphate	73	47	161	
24934-91-6	Chlormefos	45	42	132	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Surrogate Recovery Summary

Lab Name: TESTAMERICA DENVER **Extraction** A11P29H
Lot/SDG Number: 8304610 **QC Batch ID:** 9188427

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
SA106-0.5B	LF1T81AA	43	56							0
SA106-0.5B MS MS	LF1T81AD	57	79							0
SA106-0.5B MSD MSD	LF1T81AE	47	59							0
SA82-0.5B	LF1XG1AA	60	93							0
SA82-0.5B MS MS	LF1XG1AC	42	59							0
SA82-0.5B MSD MSD	LF1XG1AD	42	71							0
SA82-10B	LF1XT1AA	56	84							0
SA82-29B	LF1XX1AA	49	74							0
INTRA-LAB BLANK	LF5T81AA	45	73							0
CHECK SAMPLE	LF5T81AC	83	99							0

Surrogate Number	Surrogate Name	Lower Control Limit	Upper Control Limit
SRG 1	Chlormefos	42	132
SRG 2	Triphenyl phosphate	47	161

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	8304610	**Lab Sample ID:**	D9G070000-427C
Matrix:	SOLID	**Lab WorkOrder:**	LF5T81AC
% Moisture:	0.0	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	07/07/09 20:00
QC Batch ID:	9188427	**Date/Time Analyzed:**	07/13/09 21:19
Sample Aliquot:	31.43 g	**Instrument ID:**	D2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Dichlorvos	127	115	90		25 - 147
Thionazin	127	107	84		50 - 124
Dimethoate	127	69.4	55		10 - 156
Disulfoton	127	65.6	52		10 - 133
Ethoprop	127	108	85		51 - 119
Famphur	255	229	90		33 - 144
Fensulfothion	127	120	94		47 - 123
Fenthion	127	111	87		52 - 115
Malathion	127	99.8	78		49 - 124
Methyl parathion	127	132	103		51 - 115
Azinphos-methyl	127	126	99		21 - 145
Mevinphos	127	80.8	63		15 - 143
Ethyl parathion	127	118	93		38 - 134
Phorate	127	81.1	64		45 - 115
Ronnel	127	113	89		46 - 115
Sulfotepp	127	98.4	77		41 - 123
Trichloronate	127	105	82		50 - 115
Chlorpyrifos	127	111	87		57 - 115
Coumaphos	127	135	106		42 - 129
Diazinon	127	99.3	78		49 - 122

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
115-86-6	Triphenyl phosphate	99	47	161	
24934-91-6	Chlormefos	83	42	132	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	SA106-0.5B MS
Lot/SDG Number:	8304610	**MS Lab Sample ID:**	D9G020222-001S
Matrix:	SOLID	**MS Lab WorkOrder:**	LF1T81AD
% Moisture:	14	**Date/Time Collected:**	06/30/09 09:10
Basis:	Dry	**Date/Time Received:**	07/02/09 09:00
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	07/07/09 20:00
QC Batch ID:	9188427	**Date/Time Analyzed:**	07/13/09 22:13
MS Sample Aliquot:	29.62 g	**Instrument ID:**	D2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	C	% Rec	Q	QC Limit
Azinphos-methyl	157	4.1	U	112		71		21 - 145
Chlorpyrifos	157	7.5	U	107		68		57 - 115
Coumaphos	157	3.3	U	132		84		42 - 129
Diazinon	157	8.5	U	99.4		63		49 - 122
Dichlorvos	157	8.6	U	72.4		46		25 - 147
Dimethoate	157	8.2	U	8.2	U	0.0	a	10 - 156
Disulfoton	157	9.0	U	105		67		10 - 133
Ethoprop	157	5.7	U	106		67		51 - 119
Ethyl parathion	157	6.2	U	121		77		38 - 134
Famphur	314	3.7	U	208		66		33 - 144
Fensulfothion	157	9.5	U	55.6		35	a	47 - 123
Fenthion	157	10	U	113		72		52 - 115
Malathion	157	5.4	U	97.1		62		49 - 124
Methyl parathion	157	7.4	U	139		88		51 - 115
Mevinphos	157	5.4	U	16.4		10	a	15 - 143
Phorate	157	6.6	U	81.6		52		45 - 115
Ronnel	157	18	U	113		72		46 - 115
Sulfotepp	157	7.3	U	98.4		63		41 - 123
Thionazin	157	6.5	U	103		66		50 - 124
Trichloronate	157	7.3	U	98.8		63		50 - 115

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
24934-91-6	Chlormefos	57	42	132	
115-86-6	Triphenyl phosphate	79	47	161	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	SA106-0.5B MSD
Lot/SDG Number:	8304610	**MSD Lab Sample ID:**	D9G020222-001D
Matrix:	SOLID	**MSD Lab WorkOrder:**	LF1T81AE
% Moisture:	14	**Date/Time Collected:**	06/30/09 09:10
Basis:	Dry	**Date/Time Received:**	07/02/09 09:00
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	07/07/09 20:00
QC Batch ID:	9188427	**Date/Time Analyzed:**	07/13/09 22:41
MSD Sample Aliquot:	29.43 g	**Instrument ID:**	D2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	C	% Rec	Q	RPD	Q	QC Limits	
										% Rec	RPD
Azinphos-methyl	158	4.1	U	67.3		43		50	p	21 - 145	43
Chlorpyrifos	158	7.5	U	86.3		55	a	21		57 - 115	37
Coumaphos	158	3.3	U	91.6		58		36	p	42 - 129	27
Diazinon	158	8.5	U	75.8		48	a	27		49 - 122	40
Dichlorvos	158	8.6	U	41.1		26		55		25 - 147	77
Dimethoate	158	8.2	U	8.2	U	0.0	a	0.0		10 - 156	98
Disulfoton	158	9.0	U	72.7		46		37		10 - 133	40
Ethoprop	158	5.7	U	81.8		52		26		51 - 119	54
Ethyl parathion	158	6.2	U	95.4		60		24		38 - 134	47
Famphur	316	3.7	U	133		42		44	p	33 - 144	31
Fensulfothion	158	9.5	U	25.1		16	a	75	p	47 - 123	49
Fenthion	158	10	U	86.5		55		26		52 - 115	43
Malathion	158	5.4	U	73.3		46	a	28		49 - 124	53
Methyl parathion	158	7.4	U	98.9		63		34		51 - 115	53
Mevinphos	158	5.4	U	6.09		3.8	a	92	p	15 - 143	78
Phorate	158	6.6	U	63.6		40	a	25		45 - 115	40
Ronnel	158	18	U	90.5		57		22		46 - 115	41
Sulfotepp	158	7.3	U	79.7		50		21		41 - 123	40
Thionazin	158	6.5	U	80.4		51		25		50 - 124	40
Trichloronate	158	7.3	U	81.7		52		19		50 - 115	43

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
24934-91-6	Chlormefos	47	42	132	
115-86-6	Triphenyl phosphate	59	47	161	

Form 3 MSD Analysis Data Sheet Equivalent

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	SA82-0.5B MS
Lot/SDG Number:	8304610	**MS Lab Sample ID:**	D9G020235-001S
Matrix:	SOLID	**MS Lab WorkOrder:**	LF1XG1AC
% Moisture:	2.9	**Date/Time Collected:**	07/01/09 07:00
Basis:	Dry	**Date/Time Received:**	07/02/09 09:00
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	07/07/09 20:00
QC Batch ID:	9188427	**Date/Time Analyzed:**	07/13/09 23:35
MS Sample Aliquot:	30.11 g	**Instrument ID:**	D2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	C	% Rec	Q	QC Limit
Azinphos-methyl	137	3.6	U	78.4		57		21 - 145
Chlorpyrifos	137	6.7	U	73.6		54	a	57 - 115
Coumaphos	137	2.9	U	87.6		64		42 - 129
Diazinon	137	7.5	U	65.1		48	a	49 - 122
Dichlorvos	137	7.6	U	49.5		36		25 - 147
Dimethoate	137	7.3	U	10.5		7.7	a	10 - 156
Disulfoton	137	8.0	U	58.7		43		10 - 133
Ethoprop	137	5.1	U	69.6		51		51 - 119
Ethyl parathion	137	5.4	U	78.1		57		38 - 134
Famphur	274	3.3	U	143		52		33 - 144
Fensulfothion	137	8.4	U	59.9		44	a	47 - 123
Fenthion	137	9.0	U	74.1		54		52 - 115
Malathion	137	4.8	U	65.7		48	a	49 - 124
Methyl parathion	137	6.6	U	85.2		62		51 - 115
Mevinphos	137	4.8	U	16.6		12	a	15 - 143
Phorate	137	5.9	U	53.9		39	a	45 - 115
Ronnel	137	16	U	72.7		53		46 - 115
Sulfotepp	137	6.4	U	62.5		46		41 - 123
Thionazin	137	5.7	U	64.5		47	a	50 - 124
Trichloronate	137	6.4	U	67.6		49	a	50 - 115

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
24934-91-6	Chlormefos	42	42	132	
115-86-6	Triphenyl phosphate	59	47	161	

Form 3 MS Analysis Data Sheet Equivalent

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	SA82-0.5B MSD
Lot/SDG Number:	8304610	**MSD Lab Sample ID:**	D9G020235-001D
Matrix:	SOLID	**MSD Lab WorkOrder:**	LF1XG1AD
% Moisture:	2.9	**Date/Time Collected:**	07/01/09 07:00
Basis:	Dry	**Date/Time Received:**	07/02/09 09:00
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	07/07/09 20:00
QC Batch ID:	9188427	**Date/Time Analyzed:**	07/14/09 00:03
MSD Sample Aliquot:	29.95 g	**Instrument ID:**	D2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	C	% Rec	Q	RPD	Q	QC Limits	
										% Rec	RPD
Azinphos-methyl	138	3.6	U	90.1		66		14		21 - 145	43
Chlorpyrifos	138	6.7	U	82.0		60		11		57 - 115	37
Coumaphos	138	2.9	U	100		73		13		42 - 129	27
Diazinon	138	7.5	U	70.8		51		8.4		49 - 122	40
Dichlorvos	138	7.6	U	50.4		37		1.8		25 - 147	77
Dimethoate	138	7.3	U	34.8		25		107	p	10 - 156	98
Disulfoton	138	8.0	U	70.2		51		18		10 - 133	40
Ethoprop	138	5.1	U	80.2		58		14		51 - 119	54
Ethyl parathion	138	5.4	U	88.6		64		13		38 - 134	47
Famphur	275	3.3	U	169		61		16		33 - 144	31
Fensulfothion	138	8.4	U	85.1		62		35		47 - 123	49
Fenthion	138	9.0	U	81.5		59		9.5		52 - 115	43
Malathion	138	4.8	U	74.4		54		12		49 - 124	53
Methyl parathion	138	6.6	U	99.7		72		16		51 - 115	53
Mevinphos	138	4.8	U	38.1		28		79	p	15 - 143	78
Phorate	138	5.9	U	60.4		44	a	11		45 - 115	40
Ronnel	138	16	U	83.9		61		14		46 - 115	41
Sulfotepp	138	6.4	U	71.0		52		13		41 - 123	40
Thionazin	138	5.7	U	73.7		54		13		50 - 124	40
Trichloronate	138	6.4	U	77.4		56		14		50 - 115	43

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
24934-91-6	Chlormefos	42	42	132	
115-86-6	Triphenyl phosphate	71	47	161	

Form 3 MSD Analysis Data Sheet Equivalent

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Method Blank Summary

Lab Name:	TESTAMERICA DENVER	**Lab File ID:**	013F1301.
Lot/SDG Number:	8304610	**Lab Sample ID:**	D9G070000-427B
Matrix:	SOLID	**Lab Work Order:**	LF5T81AA
Analysis Method:	8141A	**Date/Time Extracted:**	07/07/09 20:00
Extraction Method:	A11P29H	**Date/Time Analyzed:**	07/13/09 20:52
QC Batch ID:	9188427	**Instrument ID:**	D2

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
SA106-0.5B	LF1T81AA	013F1301.	07/13/09	21:46
SA106-0.5B MS MS	LF1T81AD S	014F1401.	07/13/09	22:13
SA106-0.5B MSD MSD	LF1T81AE D	015F1501.	07/13/09	22:41
SA82-0.5B	LF1XG1AA	016F1601.	07/13/09	23:08
SA82-0.5B MS MS	LF1XG1AC S	017F1701.	07/13/09	23:35
SA82-0.5B MSD MSD	LF1XG1AD D	018F1801.	07/14/09	00:03
SA82-10B	LF1XT1AA	019F1901.	07/14/09	00:30
SA82-29B	LF1XX1AA	020F2001.	07/14/09	00:57
CHECK SAMPLE	LF5T81AC C	012F1201.	07/13/09	21:19

Report Date : 30-Jun-2009 12:45 Page 1

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Calibration File Names:
Level 1: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\009F0901.D
Level 2: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\008F0801.D
Level 3: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\007F0701.D
Level 4: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\006F0601.D
Level 5: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\005F0501.D
Level 6: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\004F0401.D
Level 7: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\003F0301.D

SEE CALIBRATION HISTORY

Compound	0.2000000 Level 1 / 5.0000 Level 7	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
1 o,o,o-TEPT	3.11591 / 2.77446	2.63737	2.67945	2.89676	2.71623	2.90430	AVRG		2.81778		5.91149
2 Dichlorvos	2.01706 / 1.79032	1.62225	1.58545	1.76366	1.71981	1.74982	AVRG		1.74977		7.99554
3 Mevinphos	1.01774 / 0.94429	0.91295	0.90158	1.01760	0.95159	0.98250	AVRG		0.96118		4.85992
5 Thionazin	2.12707 / 1.93224	1.94606	1.94866	2.08214	1.96051	2.00095	AVRG		1.99966		3.79706

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2	
	5.0000 Level 7											
6 Demeton-O	9836	17553	30145	62341	96004	113108						1/x
	165003						WLINR	-0.01288	1.85831		0.99594	
7 Ethoprop	1.93480	1.70823	1.62324	1.73203	1.74110	1.78272						
	1.74432						AVRG		1.75235		5.38512	
8 Naled	1992	6103	15042	36940	67594	90892						1/x r=0.995
	121152						WLINR	0.09632	0.47378		0.98961	<-
10 Sulfotepp	34658	70885	131347	259970	393078	486417						1/x
	609341						WLINR	-0.03469	2.43674		0.99856	
11 Phorate	2.02801	1.82946	1.73796	1.82370	1.76374	1.79146						
	1.72902						AVRG		1.81476		5.60901	
12 Dimethoate	1.89561	1.76866	2.07434	2.25696	2.23554	2.30994						
	2.21598						AVRG		2.10815		9.72697	
13 Demeton-S	1.49306	1.46224	1.49173	1.58543	1.55216	1.58919						
	1.52702						AVRG		1.52869		3.21407	

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	5.0000 Level 7											
14 Simazine	4819	16248	29382	64611	115426	147784						1/x^2
	190219						WLINR	0.03988	0.73140		0.99336	
15 Atrazine	0.70185	0.76532	0.75073	0.84628	0.85434	0.90844						
	0.89508						AVRG		0.81743		9.61085	
16 propazine	0.73887	0.70136	0.69239	0.78178	0.75651	0.81417						
	0.79462						AVRG		0.75424		6.13423	
17 Disulfoton	15404	33208	61920	127893	193050	247845						1/x
	290419						WLINR	-0.01928	1.20917		0.99576	
18 Diazinon	2.20234	1.83553	1.83772	2.01856	1.98676	1.84115						
	1.92388						AVRG		1.94942		6.88114	
19 Methyl Parathion	1.22644	1.10389	1.13741	1.32395	1.30344	1.29686						
	1.26213						AVRG		1.23630		6.92144	
20 Ronnel	1.42863	1.23369	1.21320	1.29342	1.24446	1.34650						
	1.18584						AVRG		1.27796		6.65504	

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	5.0000 Level 7	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
21 Malathion	15443	30581	57103	119836	186013	228260	283462	WLINR	-0.02066	1.14436		0.99783
22 Fenthion	1.46442	1.18458	1.16481	1.29096	1.25584	1.25506	1.18151	AVRG		1.25674		8.19381
23 Parathion	1.42438	1.25387	1.23322	1.38998	1.36308	1.38514	1.31279	AVRG		1.33749		5.43501
24 Chlorpyrifos	1.85614	1.56747	1.47379	1.62915	1.61527	1.62330	1.56216	AVRG		1.61818		7.28314
25 Trichloronate	1.44751	1.42551	1.34762	1.48171	1.46256	1.52450	1.43428	AVRG		1.44624		3.78186
26 Anilazine	1493	2095	5311	12790	19893	29375	+++++	QUAD	0.02107	9.16488	-8.66056	0.99476
27 Merphos-A (Merphos)	1.24844	1.15527	1.15966	1.23989	1.21263	1.24409	1.18648	AVRG		1.20664		3.30523

1/x

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	5.0000 Level 7											
28 Tetrachlorvinphos (Stirophos)	0.76814	0.74606	0.73464	0.83451	0.85233	0.85150						
	0.82648						AVRG		0.80195		6.32809	
29 Tokuthion	1.50295	1.28283	1.29501	1.44234	1.39452	1.40891						
	1.37817						AVRG		1.38639		5.62055	
30 Merphos-B (Merphos Oxone)	3884	7933	11676	34113	50056	65974						NTC
	79809						WLINR	0.01044	0.32634		0.98820	<-See Merphos
31 Carbophenothion-methyl	14924	30542	55023	105577	167145	206137						1/x
	266724						WLINR	-0.03349	1.03813		0.99979	
32 Fensulfothion	8319	23000	51304	104440	185778	229856						1/x
	295978						WLINR	0.04728	1.18751		0.99821	
33 Bolstar / Famphur	1.54988	1.27794	1.32328	1.33835	1.27633	1.28540						
	1.23307						AVRG		1.32632		7.86825	
34 Carbophenothion	1.57916	1.19992	1.27687	1.32336	1.26122	1.41398						
	1.25966						AVRG		1.33059		9.63398	

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INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

	Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2	
		5.0000 Level 7											
	36 Phosmet	1.22087	1.01385	1.11032	1.20586	1.12340	1.16129						
		1.13672						AVRG		1.13890		6.04111	
	37 EPN	9525	23196	48705	111165	171283	220388						$1/x^2$
		294020						WLINR	0.02456	1.11450		0.99317	
	38 Azinphos-methyl	1.19565	1.13516	1.16767	1.28235	1.23551	1.26700						
		1.21185						AVRG		1.21360		4.33999	
	40 Azinphos-ethyl	23154	43578	74071	134607	209971	253982						$1/x^2$
		318459						WLINR	-0.07409	1.26388		0.99928	
	41 Coumaphos	1.00140	0.89806	0.92250	1.01947	1.01017	1.01013						
		0.99015						AVRG		0.97884		4.92558	
S	42 Merphos	1.61523	1.45962	1.38820	1.59026	1.52873	1.58626						
		1.49925						AVRG		1.52393		5.34513	
M	43 Total Demeton	1.94415	1.66775	1.60440	1.71838	1.66174	1.66727						
		1.68503						AVRG		1.70696		6.44185	

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
$ 4 Chlormefos	2.28223	2.03679	2.00000	2.26084	2.35620	2.24671					
	2.15521						AVRG		2.19114		6.04132
$ 35 Triphenyl phosphate	1.09980	0.99217	0.96977	1.05450	0.99627	1.00900					
	0.95665						AVRG		1.01117		4.94580

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Wt Linear	Amt = b + Rsp/m1	Response
Quad	Amt = b + m1*Rsp + m2*Rsp^2	Response

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Report Date: 30-Jun-2009 12:45

Calibration History

Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Start Cal Date: 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Last Cal Level: 1
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 0.20000		
26-JUN-2009 21:13	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\009F0901.D
Cal Level: 2 , Cal Amount: 0.50000		
26-JUN-2009 20:45	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\008F0801.D
Cal Level: 3 , Cal Amount: 1.00000		
26-JUN-2009 20:18	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\007F0701.D
Cal Level: 4 , Cal Amount: 2.00000		
26-JUN-2009 19:50	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\006F0601.D
Cal Level: 5 , Cal Amount: 3.00000		
26-JUN-2009 19:23	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\005F0501.D
Cal Level: 6 , Cal Amount: 4.00000		
26-JUN-2009 18:55	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\004F0401.D
Cal Level: 7 , Cal Amount: 5.00000		
26-JUN-2009 18:28	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\003F0301.D

Continuing Calibration

Ccal Level Mode: GLOBAL LEVEL 4

26-JUN-2009 21:40	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\010F1001.D
26-JUN-2009 19:50	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\006F0601.D
26-JUN-2009 19:23	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\005F0501.D

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INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Calibration File Names:
Level 1: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\009F0901.D
Level 2: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\008F0801.D
Level 3: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\007F0701.D
Level 4: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\006F0601.D
Level 5: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\005F0501.D SEE CALIBRATION HISTORY
Level 6: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\004F0401.D
Level 7: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\003F0301.D

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
1 o,o,o-TEPT	2.92648	2.44243	2.35582	2.65851	2.57132	2.61478					
	2.53900						AVRG		2.58691		7.02274
2 Dichlorvos	1.96421	1.82228	1.84036	2.17503	2.12732	2.04712					
	2.16332						AVRG		2.01995		7.32345
4 Mevinphos	1.44354	1.24995	1.21811	1.44363	1.32123	1.40873					
	1.43954						AVRG		1.36067		7.12634
5 Demeton-O	1.19821	1.29971	1.18493	1.34261	1.38930	1.37760					
	1.28370						AVRG		1.29658		6.26552

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	5.0000 Level 7											
6 Thionazin	2.15838	1.84195	1.93751	1.98059	2.08762	2.20076						
	2.03673						AVRG		2.03479		6.19054	
7 Ethoprop	1.70034	1.41105	1.44674	1.51565	1.56615	1.54046						
	1.46268						AVRG		1.52044		6.33190	
8 Phorate	1.89356	1.60276	1.58391	1.69691	1.82591	1.99241						
	1.74661						AVRG		1.76315		8.53946	
9 Naled	94.00000	1666	10859	28010	46004	58330						1/x
	78857						WLINR	0.13436	0.49080		0.99248	
10 Sulfotepp	2.79835	2.53605	2.59328	2.75080	2.67397	2.68532						
	2.57687						AVRG		2.65923		3.59851	
12 Simazine	0.36415	0.34683	0.35351	0.38559	0.39087	0.41510						
	0.41001						AVRG		0.38086		7.05346	
13 Diazinon	12067	15923	49407	98649	155648	181790						1/x
	228810						WLINR	0.01456	1.44446		0.99190	

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
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Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
	5.0000 Level 7										
14 Atrazine	5427	1231	21316	49088	85997	98759					
	128612						LINR	0.11621	0.83396		0.99221
15 Propazine	4880	8102	20907	43235	72628	85745					
	110050						WLINR	0.02910	0.68050		0.99492
16 Disulfoton	1.39584	1.32983	1.36835	1.41433	1.46581	1.46415					
	1.37843						AVRG		1.40239		3.56764
17 Demeton-S	667	15766	33785	70921	121463	157195					
	175573						WLINR	0.05954	1.76807		0.99272
18 Dimethoate	1.93513	1.88284	1.72920	1.81890	1.98388	1.88204					
	1.92489						AVRG		1.87955		4.46888
19 Ronnel	1.49381	1.09752	1.14631	1.23377	1.29336	1.31702					
	1.27410						AVRG		1.26513		10.15653
20 Merphos-A (Merphos)	0.73714	0.72841	0.76463	0.71117	0.75339	0.75359					
	0.62474						AVRG		0.72472		6.56840

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
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Quant Method : ISTD
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Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
21 Chlorpyrifos	1.28253	1.15885	1.24944	1.20702	1.32365	1.38773					
	1.37311						AVRG		1.28319		6.60140
22 Fenthion	1.20874	1.15890	1.17283	1.16181	1.25398	1.18816					
	1.18668						AVRG		1.19016		2.76871
23 Trichloronate	6944	26053	49357	106326	170976	208762					
	296442						WLINR	0.05263	1.73863		0.99738
24 Anilazine	1634	2256	3581	6899	11039	13112					
	19108						LINR	-0.00058	0.10979		0.99085
25 Methyl Parathion	1.21391	1.12059	1.22102	1.33829	1.35198	1.32937					
	1.41908						AVRG		1.28489		8.00353
26 Malathion	1.23986	1.19694	1.15056	1.17724	1.17540	1.20726					
	1.27856						AVRG		1.20369		3.60449
27 Tokuthion	1.50291	1.31056	1.35261	1.35076	1.45106	1.48916					
	1.40826						AVRG		1.40933		5.28420

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INITIAL CALIBRATION DATA

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Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	5.0000 Level 7	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2	
28 Parathion	1.27111	1.15628	1.24872	1.23420	1.30817	1.35972	1.28450	AVRG		1.26610		5.02432	
29 Merphos-B (Merphos Oxone)	3793	6271	15065	23458	40683	62127	65080	WLINR	-0.05169	0.21659		0.96366	<-NTC, see merphos
30 Tetrachlorvinphos (stirophos)	0.86036	0.73114	0.73243	0.80291	0.86664	0.87311	0.86651	AVRG		0.81902		7.82425	
31 Carbophenothion methyl	1.16513	1.02032	1.04699	1.17159	1.27808	1.26831	1.26700	AVRG		1.17392		9.08251	
32 Bolstar	1.33280	1.22387	1.19075	1.20601	1.27262	1.22830	1.20152	AVRG		1.23655		4.05030	
33 Carbophenothion	1.18442	1.13595	1.15332	1.18001	1.34689	1.22912	1.28180	AVRG		1.21593		6.21486	
35 Fensulfothion	0.88346	0.80409	0.88036	0.97346	0.94597	1.00424	0.92148	AVRG		0.91615		7.30438	

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
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Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	5.0000 Level 7	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2	
37 Phosmet / EPN	19707	35826	68186	146012	207459	263604	330448	WLINR	-0.04262	1.00518		0.99785	1/x
38 Famphur	1.45536	1.20800	1.18770	1.39816	1.20947	1.39569	1.32805	AVRG		1.31178		8.35158	
39 Azinphos-methyl	1.25589	1.08970	1.07858	1.30240	1.20427	1.27709	1.19199	AVRG		1.19999		7.33978	
40 Azinphos-ethyl	1.14013	1.11628	1.12015	1.18786	1.16269	1.14594	1.12699	AVRG		1.14286		2.23350	
41 Coumaphos	0.78930	0.81655	0.85887	0.90448	0.89897	0.94628	0.93653	AVRG		0.87871		6.77030	
42 Merphos	1.56460	1.43887	1.64263	1.66880	1.73437	1.91569	1.70275	AVRG		1.66682		8.85773	
43 Total Demeton	3533	23328	47171	100663	168375	213468	244812	WLINR	0.06780	1.63923		0.99469	1/x

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
$ 3 Chlormefos	2.19506	1.83698	1.78322	2.03418	2.29040	2.05386					
	2.04016						AVRG		2.03341		8.83890
$ 34 Triphenyl phosphate	1.10969	0.86972	0.91132	1.07710	1.01080	0.99885					
	1.00703						AVRG		0.99779		8.47904

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Curve	Formula	Units
Averaged	Amt = Rsp/ml	Response
Linear	Amt = b + Rsp/ml	Response
Wt Linear	Amt = b + Rsp/ml	Response

Report Date: 30-Jun-2009 12:58

Calibration History

Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Start Cal Date: 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Last Cal Level: 1
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 0.20000		
26-JUN-2009 21:13	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\009F0901.D
Cal Level: 2 , Cal Amount: 0.50000		
26-JUN-2009 20:45	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\008F0801.D
Cal Level: 3 , Cal Amount: 1.00000		
26-JUN-2009 20:18	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\007F0701.D
Cal Level: 4 , Cal Amount: 2.00000		
26-JUN-2009 19:50	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\006F0601.D
Cal Level: 5 , Cal Amount: 3.00000		
26-JUN-2009 19:23	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\005F0501.D
Cal Level: 6 , Cal Amount: 4.00000		
26-JUN-2009 18:55	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\004F0401.D
Cal Level: 7 , Cal Amount: 5.00000		
26-JUN-2009 18:28	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\003F0301.D

Continuing Calibration

Ccal Level Mode: GLOBAL LEVEL 4

26-JUN-2009 21:40	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\010F1001.D
26-JUN-2009 19:50	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\006F0601.D
26-JUN-2009 19:23	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\005F0501.D

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B/010F1001.D
Report Date: 06/30/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Analysis Type: NONE

Injection Date: 26-JUN-2009 21:40
Lab Sample ID: OPP SS GSV0633
Method File: \\DenSvr03\Public\chem\GCS\GC_D2

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.0000	2.0577	2.9	15.0	
2	Dichlorvos	2.0000	1.9061	4.7	15.0	
3	Mevinphos	2.0000	1.6977	15.1	15.0	<- ok
4	Chlormefos	2.0000	1.7808	11.0	15.0	
5	Thionazin	2.0000	1.9740	1.3	15.0	
6	Demeton-O	0.6500	1.8707	187.8	15.0	<- ok, see total demeton
7	Ethoprop	2.0000	2.0536	2.7	15.0	
8	Naled	2.0000	1.1983	40.1	15.0	<-
9	Sulfotepp	2.0000	1.7932	10.3	15.0	
10	Phorate	2.0000	2.0180	0.9	15.0	
11	Dimethoate	2.0000	2.0859	4.3	15.0	
12	Demeton-S	1.3600	0.2313	83.0	15.0	<- ok, see total demeton
13	Simazine	2.0000	2.6218	31.1	15.0	<-
14	Atrazine	2.0000	1.9566	2.2	15.0	
15	propazine	2.0000	1.9127	4.4	15.0	
17	Disulfoton	2.0000	1.5890	20.6	15.0	<-
16	Diazinon	2.0000	2.1583	7.9	15.0	
18	Methyl Parathion	2.0000	2.0404	2.0	15.0	
19	Ronnel	2.0000	2.1513	7.6	15.0	
20	Malathion	2.0000	1.6248	18.8	15.0	<-
21	Fenthion	2.0000	1.8840	5.8	15.0	
22	Parathion	2.0000	1.9436	2.8	15.0	
23	Chlorpyrifos	2.0000	1.9720	1.4	15.0	
24	Trichloronate	2.0000	1.8619	6.9	15.0	
25	Anilazine	2.0000	1.0151	49.2	15.0	<-
148	Merphos-A (Merphos)	2.0000	0.4078	79.6	999.0	
26	Tetrachlorvinphos (Stirophos)	2.0000	2.0880	4.4	15.0	
28	Tokuthion	2.0000	2.0254	1.3	15.0	
149	Merphos-B (Merphos Oxone)	2.0000	6.6232	231.2	999.0	
29	Carbophenothion-methyl	2.0000	1.3536	32.3	15.0	<-
29	Fensulfothion	2.0000	1.9235	3.8	15.0	
30	Bolstar / Famphur	4.0000	4.0636	1.6	15.0	
32	Carbophenothion	2.0000	1.8639	6.8	15.0	
31	Triphenyl phosphate	2.0000	1.7170	14.2	15.0	
34	Phosmet	2.0000	1.6471	17.6	15.0	<-
32	EPN	2.0000	1.7931	10.3	15.0	
33	Azinphos-methyl	2.0000	1.9226	3.9	15.0	
35	Azinphos-ethyl	2.0000	1.8331	8.3	15.0	
36	Coumaphos	2.0000	2.0063	0.3	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B/010F1001.D
Report Date: 06/30/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Analysis Type: NONE

Injection Date: 26-JUN-2009 21:40
Lab Sample ID: OPP SS GSV0633
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
27 Merphos	2.0000	1.7215	13.9	15.0
40 Total Demeton	2.0000	2.1021	5.1	15.0

Average %D = 23.4

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B/010F1001.D
Report Date: 06/30/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Analysis Type: NONE

Injection Date: 26-JUN-2009 21:40
Lab Sample ID: OPP SS GSV0633
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.0000	2.0069	0.3	15.0	
2	Dichlorvos	2.0000	1.7707	11.5	15.0	
3	Chlormefos	2.0000	1.6957	15.2	15.0	<- ok
4	Mevinphos	2.0000	1.8364	8.2	15.0	
5	Demeton-O	0.6500	2.0472	215.0	15.0	<- ok, see total demeton
6	Thionazin	2.0000	1.8758	6.2	15.0	
7	Ethoprop	2.0000	1.8962	5.2	15.0	
8	Phorate	2.0000	1.9509	2.5	15.0	
10	Naled	2.0000	1.0486	47.6	15.0	<-
146	Sulfotepp	2.0000	1.7143	14.3	15.0	
10	Simazine	2.0000	3.6013	80.1	15.0	<-
12	Diazinon	2.0000	2.0803	4.0	15.0	
150	Atrazine	2.0000	1.9693	1.5	15.0	
13	Propazine	2.0000	1.8742	6.3	15.0	
14	Disulfoton	2.0000	1.6970	15.1	15.0	<- ok
15	Demeton-S	1.3600	0.2011	85.2	15.0	<- ok, see total demeton
16	Dimethoate	2.0000	1.8701	6.5	15.0	
17	Ronnel	2.0000	2.0112	0.6	15.0	
148	Merphos-A (Merphos)	2.0000	0.5348	73.3	999.0	
18	Chlorpyrifos	2.0000	2.1084	5.4	15.0	
19	Fenthion	2.0000	2.0634	3.2	15.0	
20	Trichloronate	2.0000	1.8617	6.9	15.0	
21	Anilazine	2.0000	1.2425	37.9	15.0	<-
23	Methyl Parathion	2.0000	2.0228	1.1	15.0	
24	Malathion	2.0000	1.5362	23.2	15.0	<-
25	Tokuthion	2.0000	1.8925	5.4	15.0	
26	Parathion	2.0000	2.1337	6.7	15.0	
149	Merphos-B (Merphos Oxone)	2.0000	5.0080	150.4	999.0	
27	Tetrachlorvinphos (stirophos)	2.0000	2.0814	4.1	15.0	
28	Carbophenothion methyl	2.0000	1.2466	37.7	15.0	<-
28	Bolstar	2.0000	2.0778	3.9	15.0	
30	Carbophenothion	2.0000	1.7496	12.5	15.0	
29	Triphenyl phosphate	2.0000	1.7275	13.6	15.0	
30	Fensulfothion	2.0000	2.0824	4.1	15.0	
35	Phosmet / EPN	4.0000	3.4695	13.3	15.0	
33	Famphur	2.0000	1.7579	12.1	15.0	
34	Azinphos-methyl	2.0000	1.8108	9.5	15.0	
35	Azinphos-ethyl	2.0000	1.7982	10.1	15.0	
36	Coumaphos	2.0000	1.9588	2.1	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B/010F1001.D
Report Date: 06/30/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Analysis Type: NONE

Injection Date: 26-JUN-2009 21:40
Lab Sample ID: OPP SS GSV0633
Method File: \\DenSvr03\Public\chem\GCS\GC_D2

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
22 Merphos	2.0000	1.6146	19.3	15.0	<-
40 Total Demeton	2.0000	2.2483	12.4	15.0	

Average %D = 24.2

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B/010F1001.D
Report Date: 07/14/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i Injection Date: 13-JUL-2009 20:24
Lab File ID: 010F1001.D Lab Sample ID: OPP CCV GSV0827
Analysis Type: NONE Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\07

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.1196	15.2	15.0	<-
2	Dichlorvos	2.5000	2.1005	16.0	15.0	<-
3	Mevinphos	2.5000	2.5551	2.2	15.0	
4	Chlormefos	2.5000	2.4021	3.9	15.0	
5	Thionazin	2.5000	2.3356	6.6	15.0	
6	Demeton-O	0.8125	0.7011	13.7	15.0	
7	Ethoprop	2.5000	2.3134	7.5	15.0	
8	Naled	2.5000	3.5810	43.2	15.0	<-
9	Sulfotepp	2.5000	2.4307	2.8	15.0	
10	Phorate	2.5000	2.3319	6.7	15.0	
11	Dimethoate	2.5000	2.5150	0.6	15.0	
12	Demeton-S	1.7000	1.6459	3.2	15.0	
13	Simazine	2.5000	2.1125	15.5	15.0	<-
14	Atrazine	2.5000	2.2786	8.9	15.0	
15	propazine	2.5000	2.2181	11.3	15.0	
17	Disulfoton	2.5000	2.5010	0.0	15.0	
16	Diazinon	2.5000	2.1942	12.2	15.0	
18	Methyl Parathion	2.5000	2.6974	7.9	15.0	
19	Ronnel	2.5000	2.1761	13.0	15.0	
20	Malathion	2.5000	2.3988	4.0	15.0	
21	Fenthion	2.5000	2.3975	4.1	15.0	
22	Parathion	2.5000	2.5190	0.8	15.0	
23	Chlorpyrifos	2.5000	2.2368	10.5	15.0	
24	Trichloronate	2.5000	2.3064	7.7	15.0	
25	Anilazine	2.5000	2.6602	6.4	15.0	
148	Merphos-A (Merphos)	2.5000	2.1335	14.7	999.0	
26	Tetrachlorvinphos (Stirophos)	2.5000	2.5724	2.9	15.0	
28	Tokuthion	2.5000	2.2457	10.2	15.0	
149	Merphos-B (Merphos Oxone)	2.5000	2.7119	8.5	999.0	
29	Carbophenothion-methyl	2.5000	2.4374	2.5	15.0	
29	Fensulfothion	2.5000	2.4911	0.4	15.0	
30	Bolstar / Famphur	5.0000	4.5534	8.9	15.0	
32	Carbophenothion	2.5000	2.1561	13.8	15.0	
31	Triphenyl phosphate	2.5000	2.3006	8.0	15.0	
34	Phosmet	2.5000	2.4661	1.4	15.0	
32	EPN	2.5000	2.6567	6.3	15.0	
33	Azinphos-methyl	2.5000	2.6326	5.3	15.0	
35	Azinphos-ethyl	2.5000	2.4080	3.7	15.0	
36	Coumaphos	2.5000	2.5734	2.9	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B/010F1001.D
Report Date: 07/14/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Data File ID: 010F1001.D
Analysis Type: NONE
Injection Date: 13-JUL-2009 20:24
Lab Sample ID: OPP CCV GSV0827
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\07

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
27 Merphos	2.5000	2.2655	9.4	15.0
40 Total Demeton	2.5000	2.3470	6.1	15.0

Average %D = 8.02

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B/010F1001.D
Report Date: 07/14/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i Injection Date: 13-JUL-2009 20:24
Lab File ID: 010F1001.D Lab Sample ID: OPP CCV GSV0827
Analysis Type: NONE Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\07

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.1611	13.6	15.0	
2	Dichlorvos	2.5000	2.2247	11.0	15.0	
3	Chlormefos	2.5000	2.1199	15.2	15.0	<-
4	Mevinphos	2.5000	2.5108	0.4	15.0	
5	Demeton-O	0.8125	0.7519	7.5	15.0	
6	Thionazin	2.5000	2.1134	15.5	15.0	<-
7	Ethoprop	2.5000	2.2141	11.4	15.0	
8	Phorate	2.5000	2.3419	6.3	15.0	
10	Naled	2.5000	3.3137	32.5	15.0	<-
146	Sulfotepp	2.5000	2.3038	7.8	15.0	
10	Simazine	2.5000	1.9770	20.9	15.0	<-
12	Diazinon	2.5000	2.3082	7.7	15.0	
150	Atrazine	2.5000	2.0621	17.5	15.0	<-
13	Propazine	2.5000	1.9225	23.1	15.0	<-
14	Disulfoton	2.5000	2.3358	6.6	15.0	
15	Demeton-S	1.7000	1.5706	7.6	15.0	
16	Dimethoate	2.5000	2.3018	7.9	15.0	
17	Ronnel	2.5000	2.2255	11.0	15.0	
148	Merphos-A (Merphos)	2.5000	2.3503	6.0	999.0	
18	Chlorpyrifos	2.5000	2.3272	6.9	15.0	
19	Fenthion	2.5000	2.4350	2.6	15.0	
20	Trichloronate	2.5000	2.1545	13.8	15.0	
21	Anilazine	2.5000	2.1188	15.2	15.0	<-
23	Methyl Parathion	2.5000	2.5961	3.8	15.0	
24	Malathion	2.5000	2.1505	14.0	15.0	
25	Tokuthion	2.5000	2.1157	15.4	15.0	<-
26	Parathion	2.5000	2.6148	4.6	15.0	
149	Merphos-B (Merphos Oxone)	2.5000	2.8112	12.4	999.0	
27	Tetrachlorvinphos (stirophos)	2.5000	2.4481	2.1	15.0	
28	Carbophenothion methyl	2.5000	2.1715	13.1	15.0	
28	Bolstar	2.5000	2.2071	11.7	15.0	
30	Carbophenothion	2.5000	2.2871	8.5	15.0	
29	Triphenyl phosphate	2.5000	2.5597	2.4	15.0	
30	Fensulfothion	2.5000	2.6588	6.4	15.0	
35	Phosmet / EPN	5.0000	5.3413	6.8	15.0	
33	Famphur	2.5000	2.5871	3.5	15.0	
34	Azinphos-methyl	2.5000	2.3745	5.0	15.0	
35	Azinphos-ethyl	2.5000	2.4327	2.7	15.0	
36	Coumaphos	2.5000	2.5698	2.8	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B/010F1001.D
Report Date: 07/14/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Data File ID: 010F1001.D
Analysis Type: NONE

Injection Date: 13-JUL-2009 20:24
Lab Sample ID: OPP CCV GSV0827
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\07

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
22 Merphos	2.5000	2.1896	12.4	15.0
40 Total Demeton	2.5000	2.3224	7.1	15.0

Average %D = 9.83

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B/021F2101.D
Report Date: 07/14/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i Injection Date: 14-JUL-2009 01:24
Lab File ID: 021F2101.D Lab Sample ID: OPP CCV GSV0827
Analysis Type: NONE Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\07

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.2285	10.9	15.0	
2	Dichlorvos	2.5000	2.5185	0.7	15.0	
3	Mevinphos	2.5000	2.6806	7.2	15.0	
4	Chlormefos	2.5000	2.3657	5.4	15.0	
5	Thionazin	2.5000	2.3993	4.0	15.0	
6	Demeton-O	0.8125	0.7744	4.7	15.0	
7	Ethoprop	2.5000	2.3999	4.0	15.0	
8	Naled	2.5000	2.4261	3.0	15.0	
9	Sulfotepp	2.5000	2.5054	0.2	15.0	
10	Phorate	2.5000	2.3527	5.9	15.0	
11	Dimethoate	2.5000	2.5321	1.3	15.0	
12	Demeton-S	1.7000	1.6872	0.8	15.0	
13	Simazine	2.5000	2.0083	19.7	15.0	<-
14	Atrazine	2.5000	2.2907	8.4	15.0	
15	propazine	2.5000	2.2221	11.1	15.0	
17	Disulfoton	2.5000	2.5380	1.5	15.0	
16	Diazinon	2.5000	2.2662	9.4	15.0	
18	Methyl Parathion	2.5000	2.7577	10.3	15.0	
19	Ronnel	2.5000	2.2370	10.5	15.0	
20	Malathion	2.5000	2.4719	1.1	15.0	
21	Fenthion	2.5000	2.4235	3.1	15.0	
22	Parathion	2.5000	2.5498	2.0	15.0	
23	Chlorpyrifos	2.5000	2.2792	8.8	15.0	
24	Trichloronate	2.5000	2.2809	8.8	15.0	
25	Anilazine	2.5000	1.4012	44.0	15.0	<-
148	Merphos-A (Merphos)	2.5000	2.1693	13.2	999.0	
26	Tetrachlorvinphos (Stirophos)	2.5000	2.4417	2.3	15.0	
28	Tokuthion	2.5000	2.3124	7.5	15.0	
149	Merphos-B (Merphos Oxone)	2.5000	2.9061	16.2	999.0	
29	Carbophenothion-methyl	2.5000	2.4580	1.7	15.0	
29	Fensulfothion	2.5000	2.7544	10.2	15.0	
30	Bolstar / Famphur	5.0000	4.6570	6.9	15.0	
32	Carbophenothion	2.5000	2.2653	9.4	15.0	
31	Triphenyl phosphate	2.5000	2.4396	2.4	15.0	
34	Phosmet	2.5000	2.5112	0.4	15.0	
32	EPN	2.5000	2.7613	10.5	15.0	
33	Azinphos-methyl	2.5000	2.5923	3.7	15.0	
35	Azinphos-ethyl	2.5000	2.4203	3.2	15.0	
36	Coumaphos	2.5000	2.6655	6.6	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B/021F2101.D
Report Date: 07/14/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i Injection Date: 14-JUL-2009 01:24
Lab File ID: 021F2101.D Lab Sample ID: OPP CCV GSV0827
Analysis Type: NONE Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\07

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
27 Merphos	2.5000	2.3355	6.6	15.0
40 Total Demeton	2.5000	2.4616	1.5	15.0

Average %D = 7.05

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B/021F2101.D
Report Date: 07/14/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 021F2101.D
Analysis Type: NONE

Injection Date: 14-JUL-2009 01:24
Lab Sample ID: OPP CCV GSV0827
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\07

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.2756	9.0	15.0	
2	Dichlorvos	2.5000	2.5849	3.4	15.0	
3	Chlormefos	2.5000	2.2493	10.0	15.0	
4	Mevinphos	2.5000	2.5389	1.6	15.0	
5	Demeton-O	0.8125	0.8856	9.0	15.0	
6	Thionazin	2.5000	2.3288	6.8	15.0	
7	Ethoprop	2.5000	2.3872	4.5	15.0	
8	Phorate	2.5000	2.4102	3.6	15.0	
10	Naled	2.5000	2.2814	8.7	15.0	
146	Sulfotepp	2.5000	2.4971	0.1	15.0	
10	Simazine	2.5000	2.1833	12.7	15.0	
12	Diazinon	2.5000	2.5281	1.1	15.0	
150	Atrazine	2.5000	2.2970	8.1	15.0	
13	Propazine	2.5000	2.2227	11.1	15.0	
14	Disulfoton	2.5000	2.4977	0.1	15.0	
15	Demeton-S	1.7000	1.7627	3.7	15.0	
16	Dimethoate	2.5000	2.4576	1.7	15.0	
17	Ronnel	2.5000	2.3350	6.6	15.0	
148	Merphos-A (Merphos)	2.5000	2.0654	17.4	999.0	
18	Chlorpyrifos	2.5000	2.4690	1.2	15.0	
19	Fenthion	2.5000	2.5598	2.4	15.0	
20	Trichloronate	2.5000	2.3355	6.6	15.0	
21	Anilazine	2.5000	1.4844	40.6	15.0	<-
23	Methyl Parathion	2.5000	2.6637	6.5	15.0	
24	Malathion	2.5000	2.4919	0.3	15.0	
25	Tokuthion	2.5000	2.2498	10.0	15.0	
26	Parathion	2.5000	2.7158	8.6	15.0	
149	Merphos-B (Merphos Oxone)	2.5000	2.9499	18.0	999.0	
27	Tetrachlorvinphos (stirophos)	2.5000	2.5049	0.2	15.0	
28	Carbophenothion methyl	2.5000	2.4377	2.5	15.0	
28	Bolstar	2.5000	2.3532	5.9	15.0	
30	Carbophenothion	2.5000	2.5813	3.3	15.0	
29	Triphenyl phosphate	2.5000	2.5665	2.7	15.0	
30	Fensulfothion	2.5000	2.7519	10.1	15.0	
35	Phosmet / EPN	5.0000	5.2010	4.0	15.0	
33	Famphur	2.5000	2.3224	7.1	15.0	
34	Azinphos-methyl	2.5000	2.4969	0.1	15.0	
35	Azinphos-ethyl	2.5000	2.5447	1.8	15.0	
36	Coumaphos	2.5000	2.7420	9.7	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B/021F2101.D
Report Date: 07/14/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i Injection Date: 14-JUL-2009 01:24
Lab File ID: 021F2101.D Lab Sample ID: OPP CCV GSV0827
Analysis Type: NONE Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\07

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
22 Merphos	2.5000	2.2019	11.9	15.0
40 Total Demeton	2.5000	2.6483	5.9	15.0

Average %D = 6.80

C:\HPCHEM\1\SEQUENCE\062609.S

Sequence Table (Front Injector):

Quantification Part:

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
1	Vial 1	PRIMER				
2	Vial 2	HEXANE				
3	Vial 3	OPP L7 GSV0634				
4	Vial 4	OPP L6 GSV0637				
5	Vial 5	OPP L5 GSV0635				
6	Vial 6	OPP L4 GSV0638				
7	Vial 7	OPP L3 GSV0639				
8	Vial 8	OPP L2 GSV0640				
9	Vial 9	OPP L1 GSV0641				
10	Vial 10	OPP SS GSV0633				
11	Vial 11	GSV075309 SPK				
12	Vial 12	LE2931AA,MB				
13	Vial 13	LE2931AC,LCS				
14	Vial 14	LE2931AD,LCSD				
15	Vial 15	LEQA91AC,222-15				10
16	Vial 16	LEQA91AC,222-15				3
17	Vial 17	LEQCQ1AC,222-18				2
18	Vial 18	LERD61AD,377-1				
19	Vial 19	LERD81AH,377-3				
20	Vial 20	LERN71AF,115-1				
21	Vial 21	LERPQ1AF,115-2				
22	Vial 22	LERPX1AF,115-3				
23	Vial 23	LE1F91AJ,138-1				
24	Vial 24	OPP L5 GSV0635				
25	Vial 25	LE29M1AA,MB				
26	Vial 26	LE29M1AC,LCS				
27	Vial 27	LE29M1AD,LCSD				
28	Vial 28	LEQA91AA,222-15				10
29	Vial 29	LEQA91AA,222-15				3
30	Vial 30	LEQCQ1AA,222-18				2
31	Vial 31	LFARC1AA,MB				
32	Vial 32	LFARC1AC,LCS				
33	Vial 33	LFARC1AD,LCSD				
34	Vial 34	LEKL02AA,185-1				
35	Vial 35	LE29L1AA,MB				
36	Vial 36	LE29L1AC,LCS				
37	Vial 37	LE29L1AD,LCSD				
38	Vial 38	LERCV1AA,370-1				
39	Vial 39	LEWJG1AA,143-1				
40	Vial 40	OPP L5 GSV0635				
41	Vial 41	LE5PX1AA,MB				
42	Vial 42	LE5PX1AC,LCS				
43	Vial 43	LE5PX1AD,LCSD				
44	Vial 44	LE39F1AA,179-1				
45	Vial 45	LE3PF1AA,179-2				
46	Vial 46	LE39L1AA,179-3				
47	Vial 47	LFARL1AA,MB				
48	Vial 48	LFARL1AC,LCS				
49	Vial 49	LFARL1AD,LCSD				
50	Vial 50	LEKLE2AE,180-2				
51	Vial 51	LEKLF2AE,180-3				
52	Vial 52	LEKLL2AE,180-4				
53	Vial 53	LEKLQ2AE,180-5				
54	Vial 54	LENR72AD,322-1				
55	Vial 55	LEPG32AJ,161-1				
56	Vial 56	OPP L5 GSV0635				
57	Vial 57	LFD4N1AA,MB				
58	Vial 58	LFD4N1AC,LCS				

6/26/2009 11:59:30 AM MPK/TLW

...NCE\062609.S

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
59	Vial 59	LFD4N1AD,LCSD				
60	Vial 60	LE3041AJ,158-1				
61	Vial 61	LFD4W1AA,MB				
62	Vial 62	LFD4W1AC,LCS				
63	Vial 63	LFD4W1AD,LCSD				
64	Vial 64	LE7EE1AA,266-2				
65	Vial 65	LE9Q61AA,216-2				
66	Vial 66	LE9RA1AA,216-3				
67	Vial 67	LFC4Q1AD,199-2				
68	Vial 68	OPP L5 GSV0635				
69	Vial 69	LFAN01AA,MB				
70	Vial 70	LFAN01AC,LCS				
71	Vial 71	LFAN01AD,LCSD				
72	Vial 72	LE4291AA,273-1				
73	Vial 73	LE4291AD,273-1S				
74	Vial 74	LE4291AE,273-1D				
75	Vial 75	LE9PJ1AA,215-1				
76	Vial 76	OPP L5 GSV0635				
77	Vial 77	OPP L1 GSV0641				
78	Vial 100	HEXANE/ACETONE				

...equence Table (Back Injector):

No entries - empty table!

C:\HPCHEM\1\SEQUENCE\071309.S

Sequence Table (Front Injector):

Quantification Part:

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
1	Vial 1	PRIMER				
2	Vial 2	HEXANE				
3	Vial 3	OPP CCV GSV0827				
4	Vial 4	OPP SS GSV				
5	Vial 5	LF7RT1AA,MB				
6	Vial 6	LF7RT1AD,LCS				
7	Vial 7	LF7RT1AE,LCSD				
8	Vial 8	LFC4G2AA,197-1				
9	Vial 9	LFC4M2AA,198-1				
10	Vial 10	OPP CCV GSV0827				
11	Vial 11	LF5T81AA,MB				
12	Vial 12	LF5T81AC,LCS				
13	Vial 13	LF1T81AA,222-1				
14	Vial 14	LF1T81AD,222-1S				
15	Vial 15	LF1T81AE,222-1D				
16	Vial 16	LF1XG1AA,235-1				
17	Vial 17	LF1XG1AC,235-1S				
18	Vial 18	LF1XG1AD,235-1D				
19	Vial 19	LF1XT1AA,235-2				
20	Vial 20	LF1XX1AA,235-3				
21	Vial 21	OPP CCV GSV0827				
22	Vial 22	OPP L1 GSV				
23	Vial 2	HEXANE/ACETONE				

9189494

9188482

Sequence Table (Back Injector):

No entries - empty table!

TestAmerica

Semivolatile GC

CLP-Like Forms

Lot ID: D9G020235

Client: Northgate/Tronox

Method: SW846 8141A

Associated Samples: 001, 002 and 003

Batch: 9188427

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	SA82-0.5B
Lot/SDG Number:	8304610	**Lab Sample ID:**	D9G020235-001
Matrix:	SOLID	**Lab WorkOrder:**	LF1XG1AA
% Moisture:	2.9	**Date/Time Collected:**	07/01/09 07:00
Basis:	Dry	**Date/Time Received:**	07/02/09 09:00
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	07/07/09 20:00
QC Batch ID:	9188427	**Date/Time Analyzed:**	07/13/09 23:08
Sample Aliquot:	29.94 g	**Instrument ID:**	D2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
86-50-0	Azinphos-methyl	3.6	3.6	13	U
35400-43-2	Bolstar	4.4	4.4	13	U
2921-88-2	Chlorpyrifos	6.7	6.7	21	U
56-72-4	Coumaphos	2.9	2.9	13	U
298-03-3	Demeton-O	5.4	5.4	40	U
126-75-0	Demeton-S	5.0	5.0	15	U
333-41-5	Diazinon	7.5	7.5	23	U
62-73-7	Dichlorvos	7.6	7.6	24	U
60-51-5	Dimethoate	7.3	7.3	23	U
298-04-4	Disulfoton	8.0	8.0	49	U
2104-64-5	EPN	3.8	3.8	13	U
13194-48-4	Ethoprop	5.1	5.1	15	U
56-38-2	Ethyl parathion	5.4	5.4	19	U
52-85-7	Famphur	3.3	3.3	13	U
115-90-2	Fensulfothion	8.4	8.4	26	U
55-38-9	Fenthion	9.0	9.0	34	U
121-75-5	Malathion	4.8	4.8	15	U
150-50-5	Merphos	5.3	5.3	31	U
298-00-0	Methyl parathion	6.6	6.6	21	U
7786-34-7	Mevinphos	4.8	4.8	15	U
300-76-5	Naled	23	23	72	U
298-02-2	Phorate	5.9	5.9	21	U
299-84-3	Ronnel	16	16	47	U
3689-24-5	Sulfotepp	6.4	6.4	21	U
961-11-5	Tetrachlorvinphos (Stirophos)	4.5	4.5	15	U

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	SA82-0.5B
Lot/SDG Number:	8304610	**Lab Sample ID:**	D9G020235-001
Matrix:	SOLID	**Lab WorkOrder:**	LF1XG1AA
% Moisture:	2.9	**Date/Time Collected:**	07/01/09 07:00
Basis:	Dry	**Date/Time Received:**	07/02/09 09:00
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	07/07/09 20:00
QC Batch ID:	9188427	**Date/Time Analyzed:**	07/13/09 23:08
Sample Aliquot:	29.94 g	**Instrument ID:**	D2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
297-97-2	Thionazin	5.7	5.7	19	U
34643-46-4	Tokuthion	4.0	4.0	21	U
327-98-0	Trichloronate	6.4	6.4	21	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
115-86-6	Triphenyl phosphate	93	47	161	
24934-91-6	Chlormefos	60	42	132	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	SA82-10B
Lot/SDG Number:	8304610	**Lab Sample ID:**	D9G020235-002
Matrix:	SOLID	**Lab WorkOrder:**	LF1XT1AA
% Moisture:	5.3	**Date/Time Collected:**	07/01/09 07:56
Basis:	Dry	**Date/Time Received:**	07/02/09 09:00
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	07/07/09 20:00
QC Batch ID:	9188427	**Date/Time Analyzed:**	07/14/09 00:30
Sample Aliquot:	30.18 g	**Instrument ID:**	D2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
86-50-0	Azinphos-methyl	3.7	3.7	14	U
35400-43-2	Bolstar	4.5	4.5	14	U
2921-88-2	Chlorpyrifos	6.8	6.8	21	U
56-72-4	Coumaphos	3.0	3.0	14	U
298-03-3	Demeton-O	5.6	5.6	41	U
126-75-0	Demeton-S	5.1	5.1	16	U
333-41-5	Diazinon	7.7	7.7	23	U
62-73-7	Dichlorvos	7.8	7.8	24	U
60-51-5	Dimethoate	7.5	7.5	23	U
298-04-4	Disulfoton	8.2	8.2	51	U
2104-64-5	EPN	3.9	3.9	14	U
13194-48-4	Ethoprop	5.2	5.2	16	U
56-38-2	Ethyl parathion	5.6	5.6	19	U
52-85-7	Famphur	3.4	3.4	14	U
115-90-2	Fensulfothion	8.6	8.6	26	U
55-38-9	Fenthion	9.2	9.2	35	U
121-75-5	Malathion	4.9	4.9	16	U
150-50-5	Merphos	5.4	5.4	32	U
298-00-0	Methyl parathion	6.7	6.7	21	U
7786-34-7	Mevinphos	4.9	4.9	16	U
300-76-5	Naled	24	24	74	U
298-02-2	Phorate	6.0	6.0	21	U
299-84-3	Ronnel	16	16	49	U
3689-24-5	Sulfotepp	6.6	6.6	21	U
961-11-5	Tetrachlorvinphos (Stirophos)	4.6	4.6	16	U

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	SA82-10B
Lot/SDG Number:	8304610	**Lab Sample ID:**	D9G020235-002
Matrix:	SOLID	**Lab WorkOrder:**	LF1XT1AA
% Moisture:	5.3	**Date/Time Collected:**	07/01/09 07:56
Basis:	Dry	**Date/Time Received:**	07/02/09 09:00
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	07/07/09 20:00
QC Batch ID:	9188427	**Date/Time Analyzed:**	07/14/09 00:30
Sample Aliquot:	30.18 g	**Instrument ID:**	D2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
297-97-2	Thionazin	5.9	5.9	19	U
34643-46-4	Tokuthion	4.1	4.1	21	U
327-98-0	Trichloronate	6.6	6.6	21	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
115-86-6	Triphenyl phosphate	84	47	161	
24934-91-6	Chlormefos	56	42	132	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	SA82-29B
Lot/SDG Number:	8304610	**Lab Sample ID:**	D9G020235-003
Matrix:	SOLID	**Lab WorkOrder:**	LF1XX1AA
% Moisture:	42	**Date/Time Collected:**	07/01/09 09:36
Basis:	Dry	**Date/Time Received:**	07/02/09 09:00
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	07/07/09 20:00
QC Batch ID:	9188427	**Date/Time Analyzed:**	07/14/09 00:57
Sample Aliquot:	30.79 g	**Instrument ID:**	D2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
86-50-0	Azinphos-methyl	6.0	6.0	22	U
35400-43-2	Bolstar	7.3	7.3	22	U
2921-88-2	Chlorpyrifos	11	11	34	U
56-72-4	Coumaphos	4.8	4.8	22	U
298-03-3	Demeton-O	9.1	9.1	67	U
126-75-0	Demeton-S	8.3	8.3	26	U
333-41-5	Diazinon	12	12	38	U
62-73-7	Dichlorvos	13	13	39	U
60-51-5	Dimethoate	12	12	38	U
298-04-4	Disulfoton	13	13	82	U
2104-64-5	EPN	6.3	6.3	22	U
13194-48-4	Ethoprop	8.5	8.5	26	U
56-38-2	Ethyl parathion	9.1	9.1	31	U
52-85-7	Famphur	5.5	5.5	22	U
115-90-2	Fensulfothion	14	14	43	U
55-38-9	Fenthion	15	15	57	U
121-75-5	Malathion	8.0	8.0	26	U
150-50-5	Merphos	8.8	8.8	51	U
298-00-0	Methyl parathion	11	11	34	U
7786-34-7	Mevinphos	7.9	7.9	26	U
300-76-5	Naled	39	39	120	U
298-02-2	Phorate	9.8	9.8	34	U
299-84-3	Ronnel	26	26	79	U
3689-24-5	Sulfotepp	11	11	34	U
961-11-5	Tetrachlorvinphos (Stirophos)	7.5	7.5	26	U

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	SA82-29B
Lot/SDG Number:	8304610	**Lab Sample ID:**	D9G020235-003
Matrix:	SOLID	**Lab WorkOrder:**	LF1XX1AA
% Moisture:	42	**Date/Time Collected:**	07/01/09 09:36
Basis:	Dry	**Date/Time Received:**	07/02/09 09:00
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	07/07/09 20:00
QC Batch ID:	9188427	**Date/Time Analyzed:**	07/14/09 00:57
Sample Aliquot:	30.79 g	**Instrument ID:**	D2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
297-97-2	Thionazin	9.6	9.6	31	U
34643-46-4	Tokuthion	6.7	6.7	34	U
327-98-0	Trichloronate	11	11	34	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
115-86-6	Triphenyl phosphate	74	47	161	
24934-91-6	Chlormefos	49	42	132	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	8304610	**Lab Sample ID:**	D9G070000-427B
Matrix:	SOLID	**Lab WorkOrder:**	LF5T81AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	07/07/09 20:00
QC Batch ID:	9188427	**Date/Time Analyzed:**	07/13/09 20:52
Sample Aliquot:	30.97 g	**Instrument ID:**	D2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
62-73-7	Dichlorvos	7.4	7.4	23	U
297-97-2	Thionazin	5.6	5.6	18	U
60-51-5	Dimethoate	7.1	7.1	22	U
298-04-4	Disulfoton	7.7	7.7	48	U
2104-64-5	EPN	3.7	3.7	13	U
13194-48-4	Ethoprop	4.9	4.9	15	U
52-85-7	Famphur	3.2	3.2	13	U
115-90-2	Fensulfothion	8.2	8.2	25	U
55-38-9	Fenthion	8.7	8.7	33	U
121-75-5	Malathion	4.6	4.6	15	U
150-50-5	Merphos	5.1	5.1	30	U
298-00-0	Methyl parathion	6.4	6.4	20	U
86-50-0	Azinphos-methyl	3.5	3.5	13	U
7786-34-7	Mevinphos	4.6	4.6	15	U
300-76-5	Naled	23	23	70	U
56-38-2	Ethyl parathion	5.3	5.3	18	U
298-02-2	Phorate	5.7	5.7	20	U
299-84-3	Ronnel	15	15	46	U
3689-24-5	Sulfotepp	6.3	6.3	20	U
34643-46-4	Tokuthion	3.9	3.9	20	U
327-98-0	Trichloronate	6.2	6.2	20	U
35400-43-2	Bolstar	4.2	4.2	13	U
961-11-5	Tetrachlorvinphos (Stirophos)	4.4	4.4	15	U
2921-88-2	Chlorpyrifos	6.5	6.5	20	U
56-72-4	Coumaphos	2.8	2.8	13	U
298-03-3	Demeton-O	5.3	5.3	39	U
126-75-0	Demeton-S	4.9	4.9	15	U
333-41-5	Diazinon	7.3	7.3	22	U

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	8304610	**Lab Sample ID:**	D9G070000-427B
Matrix:	SOLID	**Lab WorkOrder:**	LF5T81AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	07/07/09 20:00
QC Batch ID:	9188427	**Date/Time Analyzed:**	07/13/09 20:52
Sample Aliquot:	30.97 g	**Instrument ID:**	D2
Dilution Factor:	1		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
115-86-6	Triphenyl phosphate	73	47	161	
24934-91-6	Chlormefos	45	42	132	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Surrogate Recovery Summary

Lab Name: TESTAMERICA DENVER **Extraction** A11P29H
Lot/SDG Number: 8304610 **QC Batch ID:** 9188427

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
SA106-0.5B	LF1T81AA	43	56							0
SA106-0.5B MS MS	LF1T81AD	57	79							0
SA106-0.5B MSD MSD	LF1T81AE	47	59							0
SA82-0.5B	LF1XG1AA	60	93							0
SA82-0.5B MS MS	LF1XG1AC	42	59							0
SA82-0.5B MSD MSD	LF1XG1AD	42	71							0
SA82-10B	LF1XT1AA	56	84							0
SA82-29B	LF1XX1AA	49	74							0
INTRA-LAB BLANK	LF5T81AA	45	73							0
CHECK SAMPLE	LF5T81AC	83	99							0

Surrogate Number	Surrogate Name	Lower Control Limit	Upper Control Limit
SRG 1	Chlormefos	42	132
SRG 2	Triphenyl phosphate	47	161

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	8304610	**Lab Sample ID:**	D9G070000-427C
Matrix:	SOLID	**Lab WorkOrder:**	LF5T81AC
% Moisture:	0.0	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	07/07/09 20:00
QC Batch ID:	9188427	**Date/Time Analyzed:**	07/13/09 21:19
Sample Aliquot:	31.43 g	**Instrument ID:**	D2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Dichlorvos	127	115	90		25 - 147
Thionazin	127	107	84		50 - 124
Dimethoate	127	69.4	55		10 - 156
Disulfoton	127	65.6	52		10 - 133
Ethoprop	127	108	85		51 - 119
Famphur	255	229	90		33 - 144
Fensulfothion	127	120	94		47 - 123
Fenthion	127	111	87		52 - 115
Malathion	127	99.8	78		49 - 124
Methyl parathion	127	132	103		51 - 115
Azinphos-methyl	127	126	99		21 - 145
Mevinphos	127	80.8	63		15 - 143
Ethyl parathion	127	118	93		38 - 134
Phorate	127	81.1	64		45 - 115
Ronnel	127	113	89		46 - 115
Sulfotepp	127	98.4	77		41 - 123
Trichloronate	127	105	82		50 - 115
Chlorpyrifos	127	111	87		57 - 115
Coumaphos	127	135	106		42 - 129
Diazinon	127	99.3	78		49 - 122

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
115-86-6	Triphenyl phosphate	99	47	161	
24934-91-6	Chlormefos	83	42	132	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	SA106-0.5B MS
Lot/SDG Number:	8304610	**MS Lab Sample ID:**	D9G020222-001S
Matrix:	SOLID	**MS Lab WorkOrder:**	LF1T81AD
% Moisture:	14	**Date/Time Collected:**	06/30/09 09:10
Basis:	Dry	**Date/Time Received:**	07/02/09 09:00
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	07/07/09 20:00
QC Batch ID:	9188427	**Date/Time Analyzed:**	07/13/09 22:13
MS Sample Aliquot:	29.62 g	**Instrument ID:**	D2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	C	% Rec	Q	QC Limit
Azinphos-methyl	157	4.1	U	112		71		21 - 145
Chlorpyrifos	157	7.5	U	107		68		57 - 115
Coumaphos	157	3.3	U	132		84		42 - 129
Diazinon	157	8.5	U	99.4		63		49 - 122
Dichlorvos	157	8.6	U	72.4		46		25 - 147
Dimethoate	157	8.2	U	8.2	U	0.0	a	10 - 156
Disulfoton	157	9.0	U	105		67		10 - 133
Ethoprop	157	5.7	U	106		67		51 - 119
Ethyl parathion	157	6.2	U	121		77		38 - 134
Famphur	314	3.7	U	208		66		33 - 144
Fensulfothion	157	9.5	U	55.6		35	a	47 - 123
Fenthion	157	10	U	113		72		52 - 115
Malathion	157	5.4	U	97.1		62		49 - 124
Methyl parathion	157	7.4	U	139		88		51 - 115
Mevinphos	157	5.4	U	16.4		10	a	15 - 143
Phorate	157	6.6	U	81.6		52		45 - 115
Ronnel	157	18	U	113		72		46 - 115
Sulfotepp	157	7.3	U	98.4		63		41 - 123
Thionazin	157	6.5	U	103		66		50 - 124
Trichloronate	157	7.3	U	98.8		63		50 - 115

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
24934-91-6	Chlormefos	57	42	132	
115-86-6	Triphenyl phosphate	79	47	161	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	SA106-0.5B MSD
Lot/SDG Number:	8304610	**MSD Lab Sample ID:**	D9G020222-001D
Matrix:	SOLID	**MSD Lab WorkOrder:**	LF1T81AE
% Moisture:	14	**Date/Time Collected:**	06/30/09 09:10
Basis:	Dry	**Date/Time Received:**	07/02/09 09:00
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	07/07/09 20:00
QC Batch ID:	9188427	**Date/Time Analyzed:**	07/13/09 22:41
MSD Sample Aliquot:	29.43 g	**Instrument ID:**	D2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	C	% Rec	Q	RPD	Q	QC Limits	
										% Rec	RPD
Azinphos-methyl	158	4.1	U	67.3		43		50	p	21 - 145	43
Chlorpyrifos	158	7.5	U	86.3		55	a	21		57 - 115	37
Coumaphos	158	3.3	U	91.6		58		36	p	42 - 129	27
Diazinon	158	8.5	U	75.8		48	a	27		49 - 122	40
Dichlorvos	158	8.6	U	41.1		26		55		25 - 147	77
Dimethoate	158	8.2	U	8.2	U	0.0	a	0.0		10 - 156	98
Disulfoton	158	9.0	U	72.7		46		37		10 - 133	40
Ethoprop	158	5.7	U	81.8		52		26		51 - 119	54
Ethyl parathion	158	6.2	U	95.4		60		24		38 - 134	47
Famphur	316	3.7	U	133		42		44	p	33 - 144	31
Fensulfothion	158	9.5	U	25.1		16	a	75	p	47 - 123	49
Fenthion	158	10	U	86.5		55		26		52 - 115	43
Malathion	158	5.4	U	73.3		46	a	28		49 - 124	53
Methyl parathion	158	7.4	U	98.9		63		34		51 - 115	53
Mevinphos	158	5.4	U	6.09		3.8	a	92	p	15 - 143	78
Phorate	158	6.6	U	63.6		40	a	25		45 - 115	40
Ronnel	158	18	U	90.5		57		22		46 - 115	41
Sulfotepp	158	7.3	U	79.7		50		21		41 - 123	40
Thionazin	158	6.5	U	80.4		51		25		50 - 124	40
Trichloronate	158	7.3	U	81.7		52		19		50 - 115	43

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
24934-91-6	Chlormefos	47	42	132	
115-86-6	Triphenyl phosphate	59	47	161	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	SA82-0.5B MS
Lot/SDG Number:	8304610	**MS Lab Sample ID:**	D9G020235-001S
Matrix:	SOLID	**MS Lab WorkOrder:**	LF1XG1AC
% Moisture:	2.9	**Date/Time Collected:**	07/01/09 07:00
Basis:	Dry	**Date/Time Received:**	07/02/09 09:00
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	07/07/09 20:00
QC Batch ID:	9188427	**Date/Time Analyzed:**	07/13/09 23:35
MS Sample Aliquot:	30.11 g	**Instrument ID:**	D2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	C	% Rec	Q	QC Limit
Azinphos-methyl	137	3.6	U	78.4		57		21 - 145
Chlorpyrifos	137	6.7	U	73.6		54	a	57 - 115
Coumaphos	137	2.9	U	87.6		64		42 - 129
Diazinon	137	7.5	U	65.1		48	a	49 - 122
Dichlorvos	137	7.6	U	49.5		36		25 - 147
Dimethoate	137	7.3	U	10.5		7.7	a	10 - 156
Disulfoton	137	8.0	U	58.7		43		10 - 133
Ethoprop	137	5.1	U	69.6		51		51 - 119
Ethyl parathion	137	5.4	U	78.1		57		38 - 134
Famphur	274	3.3	U	143		52		33 - 144
Fensulfothion	137	8.4	U	59.9		44	a	47 - 123
Fenthion	137	9.0	U	74.1		54		52 - 115
Malathion	137	4.8	U	65.7		48	a	49 - 124
Methyl parathion	137	6.6	U	85.2		62		51 - 115
Mevinphos	137	4.8	U	16.6		12	a	15 - 143
Phorate	137	5.9	U	53.9		39	a	45 - 115
Ronnel	137	16	U	72.7		53		46 - 115
Sulfotepp	137	6.4	U	62.5		46		41 - 123
Thionazin	137	5.7	U	64.5		47	a	50 - 124
Trichloronate	137	6.4	U	67.6		49	a	50 - 115

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
24934-91-6	Chlormefos	42	42	132	
115-86-6	Triphenyl phosphate	59	47	161	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	SA82-0.5B MSD
Lot/SDG Number:	8304610	**MSD Lab Sample ID:**	D9G020235-001D
Matrix:	SOLID	**MSD Lab WorkOrder:**	LF1XG1AD
% Moisture:	2.9	**Date/Time Collected:**	07/01/09 07:00
Basis:	Dry	**Date/Time Received:**	07/02/09 09:00
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	07/07/09 20:00
QC Batch ID:	9188427	**Date/Time Analyzed:**	07/14/09 00:03
MSD Sample Aliquot:	29.95 g	**Instrument ID:**	D2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	C	% Rec	Q	RPD	Q	QC Limits	
										% Rec	RPD
Azinphos-methyl	138	3.6	U	90.1		66		14		21 - 145	43
Chlorpyrifos	138	6.7	U	82.0		60		11		57 - 115	37
Coumaphos	138	2.9	U	100		73		13		42 - 129	27
Diazinon	138	7.5	U	70.8		51		8.4		49 - 122	40
Dichlorvos	138	7.6	U	50.4		37		1.8		25 - 147	77
Dimethoate	138	7.3	U	34.8		25		107	p	10 - 156	98
Disulfoton	138	8.0	U	70.2		51		18		10 - 133	40
Ethoprop	138	5.1	U	80.2		58		14		51 - 119	54
Ethyl parathion	138	5.4	U	88.6		64		13		38 - 134	47
Famphur	275	3.3	U	169		61		16		33 - 144	31
Fensulfothion	138	8.4	U	85.1		62		35		47 - 123	49
Fenthion	138	9.0	U	81.5		59		9.5		52 - 115	43
Malathion	138	4.8	U	74.4		54		12		49 - 124	53
Methyl parathion	138	6.6	U	99.7		72		16		51 - 115	53
Mevinphos	138	4.8	U	38.1		28		79	p	15 - 143	78
Phorate	138	5.9	U	60.4		44	a	11		45 - 115	40
Ronnel	138	16	U	83.9		61		14		46 - 115	41
Sulfotepp	138	6.4	U	71.0		52		13		41 - 123	40
Thionazin	138	5.7	U	73.7		54		13		50 - 124	40
Trichloronate	138	6.4	U	77.4		56		14		50 - 115	43

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
24934-91-6	Chlormefos	42	42	132	
115-86-6	Triphenyl phosphate	71	47	161	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Method Blank Summary

Lab Name:	TESTAMERICA DENVER	**Lab File ID:**	013F1301.
Lot/SDG Number:	8304610	**Lab Sample ID:**	D9G070000-427B
Matrix:	SOLID	**Lab Work Order:**	LF5T81AA
Analysis Method:	8141A	**Date/Time Extracted:**	07/07/09 20:00
Extraction Method:	A11P29H	**Date/Time Analyzed:**	07/13/09 20:52
QC Batch ID:	9188427	**Instrument ID:**	D2

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
SA106-0.5B	LF1T81AA	013F1301.	07/13/09	21:46
SA106-0.5B MS MS	LF1T81AD S	014F1401.	07/13/09	22:13
SA106-0.5B MSD MSD	LF1T81AE D	015F1501.	07/13/09	22:41
SA82-0.5B	LF1XG1AA	016F1601.	07/13/09	23:08
SA82-0.5B MS MS	LF1XG1AC S	017F1701.	07/13/09	23:35
SA82-0.5B MSD MSD	LF1XG1AD D	018F1801.	07/14/09	00:03
SA82-10B	LF1XT1AA	019F1901.	07/14/09	00:30
SA82-29B	LF1XX1AA	020F2001.	07/14/09	00:57
CHECK SAMPLE	LF5T81AC C	012F1201.	07/13/09	21:19

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Calibration File Names:
Level 1: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\009F0901.D
Level 2: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\008F0801.D
Level 3: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\007F0701.D
Level 4: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\006F0601.D
Level 5: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\005F0501.D
Level 6: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\004F0401.D
Level 7: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\003F0301.D

SEE CALIBRATION HISTORY

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
1 o,o,o-TEPT	3.11591	2.63737	2.67945	2.89676	2.71623	2.90430					
	2.77446						AVRG		2.81778		5.91149
2 Dichlorvos	2.01706	1.62225	1.58545	1.76366	1.71981	1.74982					
	1.79032						AVRG		1.74977		7.99554
3 Mevinphos	1.01774	0.91295	0.90158	1.01760	0.95159	0.98250					
	0.94429						AVRG		0.96118		4.85992
5 Thionazin	2.12707	1.94606	1.94866	2.08214	1.96051	2.00095					
	1.93224						AVRG		1.99966		3.79706

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2	
	5.0000 Level 7											
6 Demeton-O	9836	17553	30145	62341	96004	113108						1/x
	165003						WLINR	-0.01288	1.85831		0.99594	
7 Ethoprop	1.93480	1.70823	1.62324	1.73203	1.74110	1.78272						
	1.74432						AVRG		1.75235		5.38512	
8 Naled	1992	6103	15042	36940	67594	90892						
	121152						WLINR	0.09632	0.47378		0.98961	<- 1/x r=0.995
10 Sulfotepp	34658	70885	131347	259970	393078	486417						1/x
	609341						WLINR	-0.03469	2.43674		0.99856	
11 Phorate	2.02801	1.82946	1.73796	1.82370	1.76374	1.79146						
	1.72902						AVRG		1.81476		5.60901	
12 Dimethoate	1.89561	1.76866	2.07434	2.25696	2.23554	2.30994						
	2.21598						AVRG		2.10815		9.72697	
13 Demeton-S	1.49306	1.46224	1.49173	1.58543	1.55216	1.58919						
	1.52702						AVRG		1.52869		3.21407	

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	5.0000 Level 7											
14 Simazine	4819	16248	29382	64611	115426	147784						1/x²
	190219						WLINR	0.03988	0.73140		0.99336	
15 Atrazine	0.70185	0.76532	0.75073	0.84628	0.85434	0.90844						
	0.89508						AVRG		0.81743		9.61085	
16 propazine	0.73887	0.70136	0.69239	0.78178	0.75651	0.81417						
	0.79462						AVRG		0.75424		6.13423	
17 Disulfoton	15404	33208	61920	127893	193050	247845						1/x
	290419						WLINR	-0.01928	1.20917		0.99576	
18 Diazinon	2.20234	1.83553	1.83772	2.01856	1.98676	1.84115						
	1.92388						AVRG		1.94942		6.88114	
19 Methyl Parathion	1.22644	1.10389	1.13741	1.32395	1.30344	1.29686						
	1.26213						AVRG		1.23630		6.92144	
20 Ronnel	1.42863	1.23369	1.21320	1.29342	1.24446	1.34650						
	1.18584						AVRG		1.27796		6.65504	

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
21 Malathion	15443	30581	57103	119836	186013	228260					
	283462						WLINR	-0.02066	1.14436		0.99783
22 Fenthion	1.46442	1.18458	1.16481	1.29096	1.25584	1.25506					
	1.18151						AVRG		1.25674		8.19381
23 Parathion	1.42438	1.25387	1.23322	1.38998	1.36308	1.38514					
	1.31279						AVRG		1.33749		5.43501
24 Chlorpyrifos	1.85614	1.56747	1.47379	1.62915	1.61527	1.62330					
	1.56216						AVRG		1.61818		7.28314
25 Trichloronate	1.44751	1.42551	1.34762	1.48171	1.46256	1.52450					
	1.43428						AVRG		1.44624		3.78186
26 Anilazine	1493	2095	5311	12790	19893	29375					
	+++++						QUAD	0.02107	9.16488	-8.66056	0.99476
27 Merphos-A (Merphos)	1.24844	1.15527	1.15966	1.23989	1.21263	1.24409					
	1.18648						AVRG		1.20664		3.30523

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
28 Tetrachlorvinphos (Stirophos)	0.76814	0.74606	0.73464	0.83451	0.85233	0.85150					
	0.82648						AVRG		0.80195		6.32809
29 Tokuthion	1.50295	1.28283	1.29501	1.44234	1.39452	1.40891					
	1.37817						AVRG		1.38639		5.62055
30 Merphos-B (Merphos Oxone)	3884	7933	11676	34113	50056	65974					
	79809						WLINR	0.01044	0.32634		0.98820
31 Carbophenothion-methyl	14924	30542	55023	105577	167145	206137					
	266724						WLINR	-0.03349	1.03813		0.99979
32 Fensulfothion	8319	23000	51304	104440	185778	229856					
	295978						WLINR	0.04728	1.18751		0.99821
33 Bolstar / Famphur	1.54988	1.27794	1.32328	1.33835	1.27633	1.28540					
	1.23307						AVRG		1.32632		7.86825
34 Carbophenothion	1.57916	1.19992	1.27687	1.32336	1.26122	1.41398					
	1.25966						AVRG		1.33059		9.63398

NTC <- See Merphos

1/X

1/X

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

	Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
		5.0000 Level 7											
	36 Phosmet	1.22087	1.01385	1.11032	1.20586	1.12340	1.16129						
		1.13672						AVRG		1.13890		6.04111	
	37 EPN	9525	23196	48705	111165	171283	220388						$1/x^2$
		294020						WLINR	0.02456	1.11450		0.99317	
	38 Azinphos-methyl	1.19565	1.13516	1.16767	1.28235	1.23551	1.26700						
		1.21185						AVRG		1.21360		4.33999	
	40 Azinphos-ethyl	23154	43578	74071	134607	209971	253982						$1/x^2$
		318459						WLINR	-0.07409	1.26388		0.99928	
	41 Coumaphos	1.00140	0.89806	0.92250	1.01947	1.01017	1.01013						
		0.99015						AVRG		0.97884		4.92558	
S	42 Merphos	1.61523	1.45962	1.38820	1.59026	1.52873	1.58626						
		1.49925						AVRG		1.52393		5.34513	
M	43 Total Demeton	1.94415	1.66775	1.60440	1.71838	1.66174	1.66727						
		1.68503						AVRG		1.70696		6.44185	

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
$ 4 Chlormefos	2.28223	2.03679	2.00000	2.26084	2.35620	2.24671					
	2.15521						AVRG		2.19114		6.04132
$ 35 Triphenyl phosphate	1.09980	0.99217	0.96977	1.05450	0.99627	1.00900					
	0.95665						AVRG		1.01117		4.94580

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Wt Linear	Amt = b + Rsp/m1	Response
Quad	Amt = b + m1*Rsp + m2*Rsp^2	Response

Report Date: 30-Jun-2009 12:45

Calibration History

Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Start Cal Date: 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Last Cal Level: 1
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 0.20000		
26-JUN-2009 21:13	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\009F0901.D
Cal Level: 2 , Cal Amount: 0.50000		
26-JUN-2009 20:45	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\008F0801.D
Cal Level: 3 , Cal Amount: 1.00000		
26-JUN-2009 20:18	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\007F0701.D
Cal Level: 4 , Cal Amount: 2.00000		
26-JUN-2009 19:50	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\006F0601.D
Cal Level: 5 , Cal Amount: 3.00000		
26-JUN-2009 19:23	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\005F0501.D
Cal Level: 6 , Cal Amount: 4.00000		
26-JUN-2009 18:55	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\004F0401.D
Cal Level: 7 , Cal Amount: 5.00000		
26-JUN-2009 18:28	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\003F0301.D

Continuing Calibration

Cal Level Mode: GLOBAL LEVEL 4

26-JUN-2009 21:40	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\010F1001.D
26-JUN-2009 19:50	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\006F0601.D
26-JUN-2009 19:23	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\005F0501.D

Report Date : 30-Jun-2009 12:58 Page 1

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INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Calibration File Names:
Level 1: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\009F0901.D
Level 2: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\008F0801.D
Level 3: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\007F0701.D
Level 4: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\006F0601.D
Level 5: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\005F0501.D SEE CALIBRATION HISTORY
Level 6: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\004F0401.D
Level 7: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\003F0301.D

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	5.0000 Level 7	Curve	Coefficients b	m1	m2	%RSD or R^2
1 o,o,o-TEPT	2.92648	2.44243	2.35582	2.65851	2.57132	2.61478	2.53900	AVRG		2.58691		7.02274
2 Dichlorvos	1.96421	1.82228	1.84036	2.17503	2.12732	2.04712	2.16332	AVRG		2.01995		7.32345
4 Mevinphos	1.44354	1.24995	1.21811	1.44363	1.32123	1.40873	1.43954	AVRG		1.36067		7.12634
5 Demeton-O	1.19821	1.29971	1.18493	1.34261	1.38930	1.37760	1.28370	AVRG		1.29658		6.26552

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	5.0000 Level 7	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2	
6 Thionazin	2.15838	1.84195	1.93751	1.98059	2.08762	2.20076	2.03673	AVRG		2.03479		6.19054	
7 Ethoprop	1.70034	1.41105	1.44674	1.51565	1.56615	1.54046	1.46268	AVRG		1.52044		6.33190	
8 Phorate	1.89356	1.60276	1.58391	1.69691	1.82591	1.99241	1.74661	AVRG		1.76315		8.53946	
9 Naled	94.00000	1666	10859	28010	46004	58330	78857	WLINR	0.13436	0.49080		0.99248	1/x
10 Sulfotepp	2.79835	2.53605	2.59328	2.75080	2.67397	2.68532	2.57687	AVRG		2.65923		3.59851	
12 Simazine	0.36415	0.34683	0.35351	0.38559	0.39087	0.41510	0.41001	AVRG		0.38086		7.05346	
13 Diazinon	12067	15923	49407	98649	155648	181790	228810	WLINR	0.01456	1.44446		0.99190	1/x

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INITIAL CALIBRATION DATA

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Quant Method : ISTD
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Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
14 Atrazine	5427	1231	21316	49088	85997	98759					
	128612						LINR	0.11621	0.83396		0.99221
15 Propazine	4880	8102	20907	43235	72628	85745					
	110050						WLINR	0.02910	0.68050		0.99492
16 Disulfoton	1.39584	1.32983	1.36835	1.41433	1.46581	1.46415					
	1.37843						AVRG		1.40239		3.56764
17 Demeton-S	667	15766	33785	70921	121463	157195					
	175573						WLINR	0.05954	1.76807		0.99272
18 Dimethoate	1.93513	1.88284	1.72920	1.81890	1.98388	1.88204					
	1.92489						AVRG		1.87955		4.46888
19 Ronnel	1.49381	1.09752	1.14631	1.23377	1.29336	1.31702					
	1.27410						AVRG		1.26513		10.15653
20 Merphos-A (Merphos)	0.73714	0.72841	0.76463	0.71117	0.75339	0.75359					
	0.62474						AVRG		0.72472		6.56840

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
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Quant Method : ISTD
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Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
	5.0000 Level 7										
21 Chlorpyrifos	1.28253	1.15885	1.24944	1.20702	1.32365	1.38773					
	1.37311						AVRG		1.28319		6.60140
22 Fenthion	1.20874	1.15890	1.17283	1.16181	1.25398	1.18816					
	1.18668						AVRG		1.19016		2.76871
23 Trichloronate	6944	26053	49357	106326	170976	208762					
	296442						WLINR	0.05263	1.73863		0.99738
24 Anilazine	1634	2256	3581	6899	11039	13112					
	19108						LINR	-0.00058	0.10979		0.99085
25 Methyl Parathion	1.21391	1.12059	1.22102	1.33829	1.35198	1.32937					
	1.41908						AVRG		1.28489		8.00353
26 Malathion	1.23986	1.19694	1.15056	1.17724	1.17540	1.20726					
	1.27856						AVRG		1.20369		3.60449
27 Tokuthion	1.50291	1.31056	1.35261	1.35076	1.45106	1.48916					
	1.40826						AVRG		1.40933		5.28420

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	5.0000 Level 7											
28 Parathion	1.27111	1.15628	1.24872	1.23420	1.30817	1.35972						
	1.28450						AVRG		1.26610		5.02432	
29 Merphos-B (Merphos Oxone)	3793	6271	15065	23458	40683	62127						
	65080						WLINR	-0.05169	0.21659		0.96366	<-NTC, see merphos
30 Tetrachlorvinphos (stirophos)	0.86036	0.73114	0.73243	0.80291	0.86664	0.87311						
	0.86651						AVRG		0.81902		7.82425	
31 Carbophenothion methyl	1.16513	1.02032	1.04699	1.17159	1.27808	1.26831						
	1.26700						AVRG		1.17392		9.08251	
32 Bolstar	1.33280	1.22387	1.19075	1.20601	1.27262	1.22830						
	1.20152						AVRG		1.23655		4.05030	
33 Carbophenothion	1.18442	1.13595	1.15332	1.18001	1.34689	1.22912						
	1.28180						AVRG		1.21593		6.21486	
35 Fensulfothion	0.88346	0.80409	0.88036	0.97346	0.94597	1.00424						
	0.92148						AVRG		0.91615		7.30438	

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	5.0000 Level 7											
37 Phosmet / EPN	19707	35826	68186	146012	207459	263604						
	330448						WLINR	-0.04262	1.00518		0.99785	1/x
38 Famphur	1.45536	1.20800	1.18770	1.39816	1.20947	1.39569						
	1.32805						AVRG		1.31178		8.35158	
39 Azinphos-methyl	1.25589	1.08970	1.07858	1.30240	1.20427	1.27709						
	1.19199						AVRG		1.19999		7.33978	
40 Azinphos-ethyl	1.14013	1.11628	1.12015	1.18786	1.16269	1.14594						
	1.12699						AVRG		1.14286		2.23350	
41 Coumaphos	0.78930	0.81655	0.85887	0.90448	0.89897	0.94628						
	0.93653						AVRG		0.87871		6.77030	
42 Merphos	1.56460	1.43887	1.64263	1.66880	1.73437	1.91569						
	1.70275						AVRG		1.66682		8.85773	
43 Total Demeton	3533	23328	47171	100663	168375	213468						
	244812						WLINR	0.06780	1.63923		0.99469	1/x

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
$ 3 Chlormefos	2.19506	1.83698	1.78322	2.03418	2.29040	2.05386					
	2.04016						AVRG		2.03341		8.83890
$ 34 Triphenyl phosphate	1.10969	0.86972	0.91132	1.07710	1.01080	0.99885					
	1.00703						AVRG		0.99779		8.47904

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Curve	Formula	Units
Averaged	Amt = Rsp/ml	Response
Linear	Amt = b + Rsp/ml	Response
Wt Linear	Amt = b + Rsp/ml	Response

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Report Date: 30-Jun-2009 12:58

Calibration History

Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Start Cal Date: 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Last Cal Level: 1
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 0.20000		
26-JUN-2009 21:13	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\009F0901.D
Cal Level: 2 , Cal Amount: 0.50000		
26-JUN-2009 20:45	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\008F0801.D
Cal Level: 3 , Cal Amount: 1.00000		
26-JUN-2009 20:18	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\007F0701.D
Cal Level: 4 , Cal Amount: 2.00000		
26-JUN-2009 19:50	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\006F0601.D
Cal Level: 5 , Cal Amount: 3.00000		
26-JUN-2009 19:23	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\005F0501.D
Cal Level: 6 , Cal Amount: 4.00000		
26-JUN-2009 18:55	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\004F0401.D
Cal Level: 7 , Cal Amount: 5.00000		
26-JUN-2009 18:28	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\003F0301.D

Continuing Calibration

Cal Level Mode: GLOBAL LEVEL 4

26-JUN-2009 21:40	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\010F1001.D
26-JUN-2009 19:50	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\006F0601.D
26-JUN-2009 19:23	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\005F0501.D

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B/010F1001.D
Report Date: 06/30/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Analysis Type: NONE

Injection Date: 26-JUN-2009 21:40
Lab Sample ID: OPP SS GSV0633
Method File: \\DenSvr03\Public\chem\GCS\GC_D2

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.0000	2.0577	2.9	15.0	
2	Dichlorvos	2.0000	1.9061	4.7	15.0	
3	Mevinphos	2.0000	1.6977	15.1	15.0	<- ok
4	Chlormefos	2.0000	1.7808	11.0	15.0	
5	Thionazin	2.0000	1.9740	1.3	15.0	
6	Demeton-O	0.6500	1.8707	187.8	15.0	<- ok, see total demeton
7	Ethoprop	2.0000	2.0536	2.7	15.0	
8	Naled	2.0000	1.1983	40.1	15.0	<-
9	Sulfotepp	2.0000	1.7932	10.3	15.0	
10	Phorate	2.0000	2.0180	0.9	15.0	
11	Dimethoate	2.0000	2.0859	4.3	15.0	
12	Demeton-S	1.3600	0.2313	83.0	15.0	<- ok, see total demeton
13	Simazine	2.0000	2.6218	31.1	15.0	<-
14	Atrazine	2.0000	1.9566	2.2	15.0	
15	propazine	2.0000	1.9127	4.4	15.0	
17	Disulfoton	2.0000	1.5890	20.6	15.0	<-
16	Diazinon	2.0000	2.1583	7.9	15.0	
18	Methyl Parathion	2.0000	2.0404	2.0	15.0	
19	Ronnel	2.0000	2.1513	7.6	15.0	
20	Malathion	2.0000	1.6248	18.8	15.0	<-
21	Fenthion	2.0000	1.8840	5.8	15.0	
22	Parathion	2.0000	1.9436	2.8	15.0	
23	Chlorpyrifos	2.0000	1.9720	1.4	15.0	
24	Trichloronate	2.0000	1.8619	6.9	15.0	
25	Anilazine	2.0000	1.0151	49.2	15.0	<-
148	Merphos-A (Merphos)	2.0000	0.4078	79.6	999.0	
26	Tetrachlorvinphos (Stirophos)	2.0000	2.0880	4.4	15.0	
28	Tokuthion	2.0000	2.0254	1.3	15.0	
149	Merphos-B (Merphos Oxone)	2.0000	6.6232	231.2	999.0	
29	Carbophenothion-methyl	2.0000	1.3536	32.3	15.0	<-
29	Fensulfothion	2.0000	1.9235	3.8	15.0	
30	Bolstar / Famphur	4.0000	4.0636	1.6	15.0	
32	Carbophenothion	2.0000	1.8639	6.8	15.0	
31	Triphenyl phosphate	2.0000	1.7170	14.2	15.0	
34	Phosmet	2.0000	1.6471	17.6	15.0	<-
32	EPN	2.0000	1.7931	10.3	15.0	
33	Azinphos-methyl	2.0000	1.9226	3.9	15.0	
35	Azinphos-ethyl	2.0000	1.8331	8.3	15.0	
36	Coumaphos	2.0000	2.0063	0.3	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B/010F1001.D
Report Date: 06/30/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Injection Date: 26-JUN-2009 21:40
Lab File ID: 010F1001.D
Lab Sample ID: OPP SS GSV0633
Analysis Type: NONE
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
27 Merphos	2.0000	1.7215	13.9	15.0
40 Total Demeton	2.0000	2.1021	5.1	15.0

Average %D = 23.4

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B/010F1001.D
Report Date: 06/30/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Analysis Type: NONE

Injection Date: 26-JUN-2009 21:40
Lab Sample ID: OPP SS GSV0633
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.0000	2.0069	0.3	15.0	
2	Dichlorvos	2.0000	1.7707	11.5	15.0	
3	Chlormefos	2.0000	1.6957	15.2	15.0	<- ok
4	Mevinphos	2.0000	1.8364	8.2	15.0	
5	Demeton-O	0.6500	2.0472	215.0	15.0	<- ok, see total demeton
6	Thionazin	2.0000	1.8758	6.2	15.0	
7	Ethoprop	2.0000	1.8962	5.2	15.0	
8	Phorate	2.0000	1.9509	2.5	15.0	
10	Naled	2.0000	1.0486	47.6	15.0	<-
146	Sulfotepp	2.0000	1.7143	14.3	15.0	
10	Simazine	2.0000	3.6013	80.1	15.0	<-
12	Diazinon	2.0000	2.0803	4.0	15.0	
150	Atrazine	2.0000	1.9693	1.5	15.0	
13	Propazine	2.0000	1.8742	6.3	15.0	
14	Disulfoton	2.0000	1.6970	15.1	15.0	<- ok
15	Demeton-S	1.3600	0.2011	85.2	15.0	<- ok, see total demeton
16	Dimethoate	2.0000	1.8701	6.5	15.0	
17	Ronnel	2.0000	2.0112	0.6	15.0	
148	Merphos-A (Merphos)	2.0000	0.5348	73.3	999.0	
18	Chlorpyrifos	2.0000	2.1084	5.4	15.0	
19	Fenthion	2.0000	2.0634	3.2	15.0	
20	Trichloronate	2.0000	1.8617	6.9	15.0	
21	Anilazine	2.0000	1.2425	37.9	15.0	<-
23	Methyl Parathion	2.0000	2.0228	1.1	15.0	
24	Malathion	2.0000	1.5362	23.2	15.0	<-
25	Tokuthion	2.0000	1.8925	5.4	15.0	
26	Parathion	2.0000	2.1337	6.7	15.0	
149	Merphos-B (Merphos Oxone)	2.0000	5.0080	150.4	999.0	
27	Tetrachlorvinphos (stirophos)	2.0000	2.0814	4.1	15.0	
28	Carbophenothion methyl	2.0000	1.2466	37.7	15.0	<-
28	Bolstar	2.0000	2.0778	3.9	15.0	
30	Carbophenothion	2.0000	1.7496	12.5	15.0	
29	Triphenyl phosphate	2.0000	1.7275	13.6	15.0	
30	Fensulfothion	2.0000	2.0824	4.1	15.0	
35	Phosmet / EPN	4.0000	3.4695	13.3	15.0	
33	Famphur	2.0000	1.7579	12.1	15.0	
34	Azinphos-methyl	2.0000	1.8108	9.5	15.0	
35	Azinphos-ethyl	2.0000	1.7982	10.1	15.0	
36	Coumaphos	2.0000	1.9588	2.1	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B/010F1001.D
Report Date: 06/30/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Analysis Type: NONE

Injection Date: 26-JUN-2009 21:40
Lab Sample ID: OPP SS GSV0633
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
22 Merphos	2.0000	1.6146	19.3	15.0	<-
40 Total Demeton	2.0000	2.2483	12.4	15.0	

Average %D = 24.2

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B/010F1001.D
Report Date: 07/14/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i Injection Date: 13-JUL-2009 20:24
Lab File ID: 010F1001.D Lab Sample ID: OPP CCV GSV0827
Analysis Type: NONE Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\07

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.1196	15.2	15.0	<-
2	Dichlorvos	2.5000	2.1005	16.0	15.0	<-
3	Mevinphos	2.5000	2.5551	2.2	15.0	
4	Chlormefos	2.5000	2.4021	3.9	15.0	
5	Thionazin	2.5000	2.3356	6.6	15.0	
6	Demeton-O	0.8125	0.7011	13.7	15.0	
7	Ethoprop	2.5000	2.3134	7.5	15.0	
8	Naled	2.5000	3.5810	43.2	15.0	<-
9	Sulfotepp	2.5000	2.4307	2.8	15.0	
10	Phorate	2.5000	2.3319	6.7	15.0	
11	Dimethoate	2.5000	2.5150	0.6	15.0	
12	Demeton-S	1.7000	1.6459	3.2	15.0	
13	Simazine	2.5000	2.1125	15.5	15.0	<-
14	Atrazine	2.5000	2.2786	8.9	15.0	
15	propazine	2.5000	2.2181	11.3	15.0	
17	Disulfoton	2.5000	2.5010	0.0	15.0	
16	Diazinon	2.5000	2.1942	12.2	15.0	
18	Methyl Parathion	2.5000	2.6974	7.9	15.0	
19	Ronnel	2.5000	2.1761	13.0	15.0	
20	Malathion	2.5000	2.3988	4.0	15.0	
21	Fenthion	2.5000	2.3975	4.1	15.0	
22	Parathion	2.5000	2.5190	0.8	15.0	
23	Chlorpyrifos	2.5000	2.2368	10.5	15.0	
24	Trichloronate	2.5000	2.3064	7.7	15.0	
25	Anilazine	2.5000	2.6602	6.4	15.0	
148	Merphos-A (Merphos)	2.5000	2.1335	14.7	999.0	
26	Tetrachlorvinphos (Stirophos)	2.5000	2.5724	2.9	15.0	
28	Tokuthion	2.5000	2.2457	10.2	15.0	
149	Merphos-B (Merphos Oxone)	2.5000	2.7119	8.5	999.0	
29	Carbophenothion-methyl	2.5000	2.4374	2.5	15.0	
29	Fensulfothion	2.5000	2.4911	0.4	15.0	
30	Bolstar / Famphur	5.0000	4.5534	8.9	15.0	
32	Carbophenothion	2.5000	2.1561	13.8	15.0	
31	Triphenyl phosphate	2.5000	2.3006	8.0	15.0	
34	Phosmet	2.5000	2.4661	1.4	15.0	
32	EPN	2.5000	2.6567	6.3	15.0	
33	Azinphos-methyl	2.5000	2.6326	5.3	15.0	
35	Azinphos-ethyl	2.5000	2.4080	3.7	15.0	
36	Coumaphos	2.5000	2.5734	2.9	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B/010F1001.D
port Date: 07/14/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

strument ID: GC_D2.i Injection Date: 13-JUL-2009 20:24
D File ID: 010F1001.D Lab Sample ID: OPP CCV GSV0827
alysis Type: NONE Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\07

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
27 Merphos	2.5000	2.2655	9.4	15.0
40 Total Demeton	2.5000	2.3470	6.1	15.0

Average %D = 8.02

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B/010F1001.D
Report Date: 07/14/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i Injection Date: 13-JUL-2009 20:24
Lab File ID: 010F1001.D Lab Sample ID: OPP CCV GSV0827
Analysis Type: NONE Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\07

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.1611	13.6	15.0	
2	Dichlorvos	2.5000	2.2247	11.0	15.0	
3	Chlormefos	2.5000	2.1199	15.2	15.0	<-
4	Mevinphos	2.5000	2.5108	0.4	15.0	
5	Demeton-O	0.8125	0.7519	7.5	15.0	
6	Thionazin	2.5000	2.1134	15.5	15.0	<-
7	Ethoprop	2.5000	2.2141	11.4	15.0	
8	Phorate	2.5000	2.3419	6.3	15.0	
10	Naled	2.5000	3.3137	32.5	15.0	<-
146	Sulfotepp	2.5000	2.3038	7.8	15.0	
10	Simazine	2.5000	1.9770	20.9	15.0	<-
12	Diazinon	2.5000	2.3082	7.7	15.0	
150	Atrazine	2.5000	2.0621	17.5	15.0	<-
13	Propazine	2.5000	1.9225	23.1	15.0	<-
14	Disulfoton	2.5000	2.3358	6.6	15.0	
15	Demeton-S	1.7000	1.5706	7.6	15.0	
16	Dimethoate	2.5000	2.3018	7.9	15.0	
17	Ronnel	2.5000	2.2255	11.0	15.0	
148	Merphos-A (Merphos)	2.5000	2.3503	6.0	999.0	
18	Chlorpyrifos	2.5000	2.3272	6.9	15.0	
19	Fenthion	2.5000	2.4350	2.6	15.0	
20	Trichloronate	2.5000	2.1545	13.8	15.0	
21	Anilazine	2.5000	2.1188	15.2	15.0	<-
23	Methyl Parathion	2.5000	2.5961	3.8	15.0	
24	Malathion	2.5000	2.1505	14.0	15.0	
25	Tokuthion	2.5000	2.1157	15.4	15.0	<-
26	Parathion	2.5000	2.6148	4.6	15.0	
149	Merphos-B (Merphos Oxone)	2.5000	2.8112	12.4	999.0	
27	Tetrachlorvinphos (stirophos)	2.5000	2.4481	2.1	15.0	
28	Carbophenothion methyl	2.5000	2.1715	13.1	15.0	
28	Bolstar	2.5000	2.2071	11.7	15.0	
30	Carbophenothion	2.5000	2.2871	8.5	15.0	
29	Triphenyl phosphate	2.5000	2.5597	2.4	15.0	
30	Fensulfothion	2.5000	2.6588	6.4	15.0	
35	Phosmet / EPN	5.0000	5.3413	6.8	15.0	
33	Famphur	2.5000	2.5871	3.5	15.0	
34	Azinphos-methyl	2.5000	2.3745	5.0	15.0	
35	Azinphos-ethyl	2.5000	2.4327	2.7	15.0	
36	Coumaphos	2.5000	2.5698	2.8	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B/010F1001.D
Report Date: 07/14/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i Injection Date: 13-JUL-2009 20:24
Lab File ID: 010F1001.D Lab Sample ID: OPP CCV GSV0827
Analysis Type: NONE Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\07

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
22 Merphos	2.5000	2.1896	12.4	15.0
40 Total Demeton	2.5000	2.3224	7.1	15.0

Average %D = 9.83

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B/021F2101.D
port Date: 07/14/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

trument ID: GC_D2.i Injection Date: 14-JUL-2009 01:24
b File ID: 021F2101.D Lab Sample ID: OPP CCV GSV0827
alysis Type: NONE Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\07

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.2285	10.9	15.0	
2	Dichlorvos	2.5000	2.5185	0.7	15.0	
3	Mevinphos	2.5000	2.6806	7.2	15.0	
4	Chlormefos	2.5000	2.3657	5.4	15.0	
5	Thionazin	2.5000	2.3993	4.0	15.0	
6	Demeton-O	0.8125	0.7744	4.7	15.0	
7	Ethoprop	2.5000	2.3999	4.0	15.0	
8	Naled	2.5000	2.4261	3.0	15.0	
9	Sulfotepp	2.5000	2.5054	0.2	15.0	
10	Phorate	2.5000	2.3527	5.9	15.0	
11	Dimethoate	2.5000	2.5321	1.3	15.0	
12	Demeton-S	1.7000	1.6872	0.8	15.0	
13	Simazine	2.5000	2.0083	19.7	15.0	<-
14	Atrazine	2.5000	2.2907	8.4	15.0	
15	propazine	2.5000	2.2221	11.1	15.0	
17	Disulfoton	2.5000	2.5380	1.5	15.0	
16	Diazinon	2.5000	2.2662	9.4	15.0	
18	Methyl Parathion	2.5000	2.7577	10.3	15.0	
19	Ronnel	2.5000	2.2370	10.5	15.0	
20	Malathion	2.5000	2.4719	1.1	15.0	
21	Fenthion	2.5000	2.4235	3.1	15.0	
22	Parathion	2.5000	2.5498	2.0	15.0	
23	Chlorpyrifos	2.5000	2.2792	8.8	15.0	
24	Trichloronate	2.5000	2.2809	8.8	15.0	
25	Anilazine	2.5000	1.4012	44.0	15.0	<-
148	Merphos-A (Merphos)	2.5000	2.1693	13.2	999.0	
26	Tetrachlorvinphos (Stirophos)	2.5000	2.4417	2.3	15.0	
28	Tokuthion	2.5000	2.3124	7.5	15.0	
149	Merphos-B (Merphos Oxone)	2.5000	2.9061	16.2	999.0	
29	Carbophenothion-methyl	2.5000	2.4580	1.7	15.0	
29	Fensulfothion	2.5000	2.7544	10.2	15.0	
30	Bolstar / Famphur	5.0000	4.6570	6.9	15.0	
32	Carbophenothion	2.5000	2.2653	9.4	15.0	
31	Triphenyl phosphate	2.5000	2.4396	2.4	15.0	
34	Phosmet	2.5000	2.5112	0.4	15.0	
32	EPN	2.5000	2.7613	10.5	15.0	
33	Azinphos-methyl	2.5000	2.5923	3.7	15.0	
35	Azinphos-ethyl	2.5000	2.4203	3.2	15.0	
36	Coumaphos	2.5000	2.6655	6.6	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B/021F2101.D
Report Date: 07/14/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Injection Date: 14-JUL-2009 01:24
Lab File ID: 021F2101.D
Lab Sample ID: OPP CCV GSV0827
Analysis Type: NONE
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\07

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
27 Merphos	2.5000	2.3355	6.6	15.0
40 Total Demeton	2.5000	2.4616	1.5	15.0

Average %D = 7.05

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B/021F2101.D
port Date: 07/14/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

strument ID: GC_D2.i Injection Date: 14-JUL-2009 01:24
b File ID: 021F2101.D Lab Sample ID: OPP CCV GSV0827
alysis Type: NONE Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\07

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.2756	9.0	15.0	
2	Dichlorvos	2.5000	2.5849	3.4	15.0	
3	Chlormefos	2.5000	2.2493	10.0	15.0	
4	Mevinphos	2.5000	2.5389	1.6	15.0	
5	Demeton-O	0.8125	0.8856	9.0	15.0	
6	Thionazin	2.5000	2.3288	6.8	15.0	
7	Ethoprop	2.5000	2.3872	4.5	15.0	
8	Phorate	2.5000	2.4102	3.6	15.0	
10	Naled	2.5000	2.2814	8.7	15.0	
146	Sulfotepp	2.5000	2.4971	0.1	15.0	
10	Simazine	2.5000	2.1833	12.7	15.0	
12	Diazinon	2.5000	2.5281	1.1	15.0	
150	Atrazine	2.5000	2.2970	8.1	15.0	
13	Propazine	2.5000	2.2227	11.1	15.0	
14	Disulfoton	2.5000	2.4977	0.1	15.0	
15	Demeton-S	1.7000	1.7627	3.7	15.0	
16	Dimethoate	2.5000	2.4576	1.7	15.0	
17	Ronnel	2.5000	2.3350	6.6	15.0	
148	Merphos-A (Merphos)	2.5000	2.0654	17.4	999.0	
18	Chlorpyrifos	2.5000	2.4690	1.2	15.0	
19	Fenthion	2.5000	2.5598	2.4	15.0	
20	Trichloronate	2.5000	2.3355	6.6	15.0	
21	Anilazine	2.5000	1.4844	40.6	15.0	<-
23	Methyl Parathion	2.5000	2.6637	6.5	15.0	
24	Malathion	2.5000	2.4919	0.3	15.0	
25	Tokuthion	2.5000	2.2498	10.0	15.0	
26	Parathion	2.5000	2.7158	8.6	15.0	
149	Merphos-B (Merphos Oxone)	2.5000	2.9499	18.0	999.0	
27	Tetrachlorvinphos (stirophos)	2.5000	2.5049	0.2	15.0	
28	Carbophenothion methyl	2.5000	2.4377	2.5	15.0	
28	Bolstar	2.5000	2.3532	5.9	15.0	
30	Carbophenothion	2.5000	2.5813	3.3	15.0	
29	Triphenyl phosphate	2.5000	2.5665	2.7	15.0	
30	Fensulfothion	2.5000	2.7519	10.1	15.0	
35	Phosmet / EPN	5.0000	5.2010	4.0	15.0	
33	Famphur	2.5000	2.3224	7.1	15.0	
34	Azinphos-methyl	2.5000	2.4969	0.1	15.0	
35	Azinphos-ethyl	2.5000	2.5447	1.8	15.0	
36	Coumaphos	2.5000	2.7420	9.7	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B/021F2101.D
Report Date: 07/14/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i Injection Date: 14-JUL-2009 01:24
Lab File ID: 021F2101.D Lab Sample ID: OPP CCV GSV0827
Analysis Type: NONE Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\07

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
22 Merphos	2.5000	2.2019	11.9	15.0
40 Total Demeton	2.5000	2.6483	5.9	15.0

Average %D = 6.80

Acq: C:\HPCHEM\1\SEQUENCE\062609.S

Sequence Table (Front Injector):

Quantification Part:

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
1	Vial 1	PRIMER				
2	Vial 2	HEXANE				
3	Vial 3	OPP L7 GSV0634				
4	Vial 4	OPP L6 GSV0637				
5	Vial 5	OPP L5 GSV0635				
6	Vial 6	OPP L4 GSV0638				
7	Vial 7	OPP L3 GSV0639				
8	Vial 8	OPP L2 GSV0640				
9	Vial 9	OPP L1 GSV0641				
10	Vial 10	OPP SS GSV0633				
11	Vial 11	GSV075309 SPK				
12	Vial 12	LE2931AA,MB				
13	Vial 13	LE2931AC,LCS				
14	Vial 14	LE2931AD,LCSD				
15	Vial 15	LEQA91AC,222-15				10
16	Vial 16	LEQA91AC,222-15				3
17	Vial 17	LEQCQ1AC,222-18				2
18	Vial 18	LERD61AD,377-1				
19	Vial 19	LERD81AH,377-3				
20	Vial 20	LERN71AF,115-1				
21	Vial 21	LERPQ1AF,115-2				
22	Vial 22	LERPX1AF,115-3				
23	Vial 23	LE1F91AJ,138-1				
24	Vial 24	OPP L5 GSV0635				
25	Vial 25	LE29M1AA,MB				
26	Vial 26	LE29M1AC,LCS				
27	Vial 27	LE29M1AD,LCSD				
28	Vial 28	LEQA91AA,222-15				10
29	Vial 29	LEQA91AA,222-15				3
30	Vial 30	LEQCQ1AA,222-18				2
31	Vial 31	LFARC1AA,MB				
32	Vial 32	LFARC1AC,LCS				
33	Vial 33	LFARC1AD,LCSD				
34	Vial 34	LEKL02AA,185-1				
35	Vial 35	LE29L1AA,MB				
36	Vial 36	LE29L1AC,LCS				
37	Vial 37	LE29L1AD,LCSD				
38	Vial 38	LERCV1AA,370-1				
39	Vial 39	LEWJG1AA,143-1				
40	Vial 40	OPP L5 GSV0635				
41	Vial 41	LE5PX1AA,MB				
42	Vial 42	LE5PX1AC,LCS				
43	Vial 43	LE5PX1AD,LCSD				
44	Vial 44	LE39F1AA,179-1				
45	Vial 45	LE3PF1AA,179-2				
46	Vial 46	LE39L1AA,179-3				
47	Vial 47	LFARL1AA,MB				
48	Vial 48	LFARL1AC,LCS				
49	Vial 49	LFARL1AD,LCSD				
50	Vial 50	LEKLE2AE,180-2				
51	Vial 51	LEKLF2AE,180-3				
52	Vial 52	LEKLL2AE,180-4				
53	Vial 53	LEKLQ2AE,180-5				
54	Vial 54	LENR72AD,322-1				
55	Vial 55	LEPG32AJ,161-1				
56	Vial 56	OPP L5 GSV0635				
57	Vial 57	LFD4N1AA,MB				
58	Vial 58	LFD4N1AC,LCS				

RR

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Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
59	Vial 59	LFD4N1AD,LCSD				
60	Vial 60	LE3041AJ,158-1				
61	Vial 61	LFD4W1AA,MB				
62	Vial 62	LFD4W1AC,LCS				
63	Vial 63	LFD4W1AD,LCSD				
64	Vial 64	LE7EE1AA,266-2				
65	Vial 65	LE9Q61AA,216-2				
66	Vial 66	LE9RA1AA,216-3				
67	Vial 67	LFC4Q1AD,199-2				
68	Vial 68	OPP L5 GSV0635				
69	Vial 69	LFAN01AA,MB				
70	Vial 70	LFAN01AC,LCS				
71	Vial 71	LFAN01AD,LCSD				
72	Vial 72	LE4291AA,273-1				
73	Vial 73	LE4291AD,273-1S				
74	Vial 74	LE4291AE,273-1D				
75	Vial 75	LE9PJ1AA,215-1				
76	Vial 76	OPP L5 GSV0635				
77	Vial 77	OPP L1 GSV0641				
78	Vial 100	HEXANE/ACETONE				

Sequence Table (Back Injector):

No entries - empty table!

C:\...\SEQUENCE\071309.S

Sequence Table (Front Injector):

Quantification Part:

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
1	Vial 1	PRIMER				
2	Vial 2	HEXANE				
3	Vial 3	OPP CCV GSV0827				
4	Vial 4	OPP SS GSV				
5	Vial 5	LF7RT1AA,MB				
6	Vial 6	LF7RT1AD,LCS				
7	Vial 7	LF7RT1AE,LCSD				
8	Vial 8	LFC4G2AA,197-1				
9	Vial 9	LFC4M2AA,198-1				
10	Vial 10	OPP CCV GSV0827				
11	Vial 11	LF5T81AA,MB				
12	Vial 12	LF5T81AC,LCS				
13	Vial 13	LF1T81AA,222-1				
14	Vial 14	LF1T81AD,222-1S				
15	Vial 15	LF1T81AE,222-1D				
16	Vial 16	LF1XG1AA,235-1				
17	Vial 17	LF1XG1AC,235-1S				
18	Vial 18	LF1XG1AD,235-1D				
19	Vial 19	LF1XT1AA,235-2				
20	Vial 20	LF1XX1AA,235-3				
21	Vial 21	OPP CCV GSV0827				
22	Vial 22	OPP L1 GSV				
23	Vial 2	HEXANE/ACETONE				

9189494

9188427

Sequence Table (Back Injector):

No entries - empty table!

TestAmerica

General Chemistry

Standard LIMS Report

Lot ID: D9G020222

Client: Northgate/Tronox

Method: Percent Moisture – SW846 3550C

Associated Samples: 001

Batch: 9187132

Northgate Environmental Management, Inc.

Client Sample ID: SA106-0.5B

General Chemistry

Lot-Sample #...: D9G020222-001 **Work Order #...:** LF1T8 **Matrix.....:** SOLID
Date Sampled...: 06/30/09 09:10 **Date Received..:** 07/02/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**14**	**0.10**	**%**	**SW846 3550C Moist**	**07/06/09**	**9187132**

Dilution Factor: 1 Analysis Time..: 13:00 MDL.....: 0.0

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D9F270150 **Work Order #...:** LF1T8-SMP **Matrix.....:** SOLID
LF1T8-DUP
Date Sampled...: 06/30/09 09:10 **Date Received..:** 07/02/09
% Moisture.....: 14

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture						SD Lot-Sample #: D9G020222-001		
	14	14	%	0.0	(0-20)	SW846 3550C Moist	07/06/09	9187132

Dilution Factor: 1 Analysis Time..: 13:00

TestAmerica

General Chemistry

Standard LIMS Report

Lot ID: D9G020235

Client: Northgate/Tronox

Method: Percent Moisture – SW846 3550C

Associated Samples: 001, 002 and 003

Batch: 9187132

Northgate Environmental Management, Inc.

Client Sample ID: SA82-0.5B

General Chemistry

Lot-Sample #...: D9G020235-001 **Work Order #...:** LF1XG **Matrix.....:** SOLID
Date Sampled...: 07/01/09 07:00 **Date Received..:** 07/02/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**2.9**	**0.10**	**%**	**SW846 3550C Moist**	**07/06/09**	**9187132**

Dilution Factor: 1 Analysis Time..: 13:00 MDL.....: 0.0

Northgate Environmental Management, Inc.

Client Sample ID: SA82-10B

General Chemistry

Lot-Sample #...: D9G020235-002 **Work Order #...:** LF1XT **Matrix.....:** SOLID
Date Sampled...: 07/01/09 07:56 **Date Received..:** 07/02/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**5.3**	**0.10**	**%**	**SW846 3550C Moist**	**07/06/09**	**9187132**

Dilution Factor: 1 Analysis Time..: 13:00 MDL.....: 0.0

Northgate Environmental Management, Inc.

Client Sample ID: SA82-29B

General Chemistry

Lot-Sample #...: D9G020235-003 Work Order #...: LF1XX Matrix.....: SOLID
Date Sampled...: 07/01/09 09:36 Date Received..: 07/02/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	42	0.10	%	SW846 3550C Moist	07/06/09	9187132

Dilution Factor: 1 Analysis Time..: 13:00 MDL.....: 0.0

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D9F270150 **Work Order #...:** LF1T8-SMP **Matrix.....:** SOLID
LF1T8-DUP
Date Sampled...: 06/30/09 09:10 **Date Received..:** 07/02/09
% Moisture.....: 14

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture						SD Lot-Sample #: D9G020222-001		
	14	14	%	0.0	(0-20)	SW846 3550C Moist	07/06/09	9187132

Dilution Factor: 1 Analysis Time..: 13:00

T.7
AO
IR1
6/27/9

210

northgate
environmental management, inc.

1100 Quail Street, Suite 102, Newport Beach, CA 92660
(949) 260-9293

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed and accurate.

COC No. 2027.001.00151
Page: 1 of 1
Cooler # 1 of 1

Required Ship to Lab:

Lab Name:	TestAmerica
Address:	4955 Yarrow Street
	Arvada, CO 80002
Lab PM:	Michael P. Phillips
Phone/Fax:	303-736-0157
Lab PM email	michael.phillips@testamericainc.com
Applicable Lab Quote #:	

Required Project Information:

Site ID #:	TRONOX LLC. HENDERSON
Project #	2027.001
Site Address	560 W. Lake Mead Drive
City	Henderson
State	NV
Site PM Name	Derrick Willis
Phone/Fax:	949-375-7004
Site PM Email:	derrick.willis@ngem.com

Required Invoice Information:

Send Invoice to:	Susan Crowley, Tronox LLC
Address:	PO Box 55
City/State	Henderson, NV 89009
Phone #:	(949)260-9293
Reimbursement project?	X
Non-reimbursement project?	Mark one
Send EDD to	Frank Hagar Northgate Environmental Management, Inc frank.hagar@ngem.com
CC Hardcopy report to	PDF Electronic Version Only
CC Hardcopy report to	see additional comments below

TAT: Standard 30 day	X
Rush	Mark One
If Rush, Date due	
QC level Required: Standard	Special: EPA Stage 4 — Mark one
NJ Reduced Deliverable Package?	
MA MCP Cert?	CT RCP Cert? — Mark One
Lab Project ID (lab use)	

Valid Matrix Codes: DRINKING WATER WP; GROUND WATER WG; WASTE WATER WW; FREE PRODUCT LF; SOIL SO; OIL SW; WIPE AA; AMBIENT AIR AE; SVE AIR GS; SOIL GAS; WATER W; SURFACE WATER WS; WATER QC WQ; SLUDGE SL; RINSEATE WH; OTHER OT; ANIMAL TISSUE TA

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / ,-) Samples IDs MUST BE UNIQUE)	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	SAMPLE DATE	SAMPLE TIME	#OF CONTAINERS	FIELD FILTERED? (Y/N)	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Requested Analyses: EPA 8020/Collision Cell	EPA 8141A OPP Pest	Comments/Lab Sample I.D.
1	EB062609-SO	W	G	6/26/2009	13:30	2	N	X									X	2- 1l amber glass
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		

Additional Comments/Special Instructions:

- s Se only by collison cell
- ll PDF reports and EDDs will be uploaded to:
- orthgate Environmental Management, Inc.
- TP site address provided to labs
- otifications provided to:
- indy.arnold@ngem.com
- ank.hagar@ngem.com

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
[signature] IGES	6.26	1500	[signature]	6/27	0825

Sample Receipt Conditions

	Y / N	Y / N	Y / N
	Y / N	Y / N	Y / N
	Y / N	Y / N	Y / N
	Y / N	Y / N	Y / N
Temp in 0C	Samples on Ice?	Sample intact?	Trip Blank?

SHIPPING METHOD: (mark as appropriate) UPS COURIER (FEDEX) US MAIL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Phil Brinkerhoff

SIGNATURE of SAMPLER: [signature] DATE Signed 6260 Time: 1500

Table of Contents

TestAmerica

TestAmerica Denver

Sample Receiving Checklist

Lot #: D9F270150 Date/Time Received: 6/27/9 0825

Company Name & Sampling Site: Northgate Tronox

PM to Complete This Section:	*Yes*	*No*		*Yes*	*No*
Residual chlorine check required:	❑	❑	Quarantined :	❑	❑

Quote #:

Special Instructions:

Time Zone:
• EDT/EST • CDT/CST • MDT/MST • PDT/PST • OTHER

Unpacking Checks:

Cooler #(s): 1

Temperatures (°C): 4.9

N/A	*Yes*	*No*		
❑	☑	❑	1. Cooler seals intact? (N/A if hand delivered) If no, document on CUR.	
	☑	❑	2. Coolers scanned for radiation. Is the reading ≤ to background levels?	Yes: ✓ No: ____
	☑	❑	3. Chain of custody present? If no, document on CUR.	
	❑	☑	4. Bottles broken and/or are leaking? If yes, document on CUR.	
	❑	☑	5. Multiphasic samples obvious? If yes, document on CUR.	
	☑	❑	6. Proper container & preservatives used? (ref. Attachment D of SOP# DV-QA-0003) If no, document on CUR.	
☑	❑	❑	7. pH of all samples checked and meet requirements? If no, document on CUR.	
	☑	❑	8. Sufficient volume provided for all analysis requested? (ref. Attachment D of SOP# DV-QA-0003) If no, document on CUR, and contact PM before proceeding.	
	☑	❑	9. Did chain of custody agree with labels ID and samples received? If no, document on CUR.	
☑	❑	❑	10. Were VOA samples without headspace? If no, document on CUR.	
☑	❑	❑	11. Were VOA vials preserved? Preservative ❑HCl ❑4±2°C ❑Sodium Thiosulfate ❑ Ascorbic Acid	
	❑	☑	12. Did samples require preservation with sodium thiosulfate?	
☑	❑	❑	13. If yes to #11, did the samples contain residual chlorine? If yes, document on CUR.	
☑	❑	❑	14. Sediment present in dissolved/filtered bottles? If yes, document on CUR.	
☑	❑	❑	15. Is sufficient volume provided for client requested MS, MSD or matrix duplicates? If no, document on CUR, and contact PM before proceeding.	
	❑	☑	16. Receipt date(s) > 48 hours past the collection date(s)? If yes, notify PA/PM.	
	❑	☑	17. Are analyses with short holding times requested?	
	❑	☑	18. Was a quick Turn Around (TAT) requested?	

Initials

TestAmerica Denver

Sample Receiving Checklist

Lot # D9F270150

Login Checks:

Initials: AG

N/A	Yes	No		
	☑	☐	19. Sufficient volume provided for all analysis requested? (ref. Attachment D of SOP# DV-QA-0003)	If no, document on CUR, and contact PM before proceeding.
☑	☐	☐	20. Is sufficient volume provided for client requested MS, MSD or matrix duplicates?	If no, document on CUR, and contact PM before proceeding.
	☑	☐	21. Did the chain of custody includes "received by" and "relinquished" by signatures, dates, and times?	
☐	☑	☐	22. Were special log in instructions read and followed?	
☑	☐	☐	23. Were AFCEE metals logged for refrigerated storage?	
	☑	☐	24. Were tests logged checked against the COC? Which samples were confirmed?	
☑	☐	☐	25. Was a Rush form completed for quick TAT?	
☑	☐	☐	26. Was a Short Hold form completed for any short holds?	
	☐	☑	27. Were special archiving instructions indicated in the General Comments? If so, what were they?	

Labeling and Storage Checks:

Initials: Cohe

☑	☐	☐	28. Was the subcontract COC signed and sent with samples to bottle prep?
	☑	☐	29. Were sample labels double-checked by a second person?
☑	☐	☐	30. Were sample bottles and COC double checked for dissolved/filtered metals by a second person?
	☑	☐	31. Did the sample ID, Date, and Time from label match what was logged?
☑	☐	☐	32. Were stickers for special archiving instructions affixed to each box? See #27
☑	☐	☐	33. Were AFCEE metals stored refrigerated?

Document any problems or discrepancies and the actions taken to resolve them on a Condition Upon Receipt Anomaly Report (CUR).

Phillips, Michael

From: Cindy Arnold [carnold@ngem.com]
Sent: Monday, July 20, 2009 9:40 AM
To: Phillips, Michael; Middleditch, Eric
Cc: Middleditch, Eric; frank.hagar@ngem.com; derrick.willis@ngem.com; carnold@ngem.com
Subject: RE: RE: EB062609-SO Association?

Yes you can invoice it and report it. Please add a comment to your SDG Tracking regarding the date of cancellation and no samples assoicated.

Hopefully our new procedure will help us catch these before they slip through.

Cindy

------- Original Message ------- On 7/20/2009 2:52 PM Phillips, Michael wrote:

Hi Cindy,
As you can see from Frank's e-mail below dated July 16, 2009, we have been advised to cancel sample EB062609-SO because we never received the associated soil sample SA 172-0.5B. Unfortunately, sample EB062609-SO was already analyzed and ready to report on Ju ly 10, 2009. Can we still invoice this sample ($175)? If so, do you want us to go ahead and report the results for EB062609-SO or do you want us to omit the results and just include the sample on our invoice? Thanks.

MICHAEL P. PHILLIPS
Project Manager
TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
4955 Yarrow Street
Arvada, CO 80002
Tel 303-736-015 7 | Fax 303-432-8925
www.testamericainc.com

Please let us know if we met your expectations by rating the service you received from TestAmerica on this project by visiting our website at: *Project Feedback*

From: frank.hagar@ngem.com [mailto:frank.hagar@ngem.com]
Sent: Thursday, July 16, 2009 9:55 AM
To: Phillips, Michael
Cc: carnold@ngem.com; Middleditch, Eric
Subject: RE: EB062609-SO Association?

Cancel the sample.

We are going to change the EB COC tracking so that there is a note on the association with the EB.

Thanks

From: Phillips, Michael [mailto:Michael.Phillips@testamericainc.com]
Sent: Thursday, July 16, 2009 8:36 AM
To: frank.hagar@ngem.com
Cc: carnold@ngem.com; Middleditch, Eric
Subject: RE: EB062609-SO Association?

Frank,

If EB062609-SO is associated with SA172-0.5B, then that's the problem. TestAmerica has never received sample SA172-0.5B for 8141A. Please advise if we should continue to analyze and report this sample by itself (as its own SDG) or if we should cancel it. Thanks.

MICHAEL P. PHILLIPS

Project Manager

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

4955 Yarrow Street

Arvada, CO 80002

Tel 303-736-0157 | Fax 303-432-8925

www.testamericainc.com

Please let us know if we met your expectations by rating the service you received from TestAmerica on this project by visiting our website at: *Project Feedback*

From: frank.hagar@ngem.com [mailto:frank.hagar@ngem.com]
Sent: Thursday, July 16, 2009 9:26 AM
To: Phillips, Michael
Subject: RE: EB062609-SO Association?

I have that with SA172-0.5B in the record book

Frank

Frank Hagar, C.Hg., C.E.G.

Hydrogeologist

Northgate Environmental Management, Inc.
1100 Quail Street, Suite 102, Newport Beach, CA 92660
main (949) 260-9293; cell (949) 689-9987;

f ax (949) 315-3365
http://www.ngem.com/

From: Phillips, Michael [mailto:Michael.Phillips@testamericainc.com]
Sent: Thursday, July 16, 2009 8:06 AM
To: frank.hagar@ngem.com; carnold@ngem.com
Cc: Middleditch, Eric

Subject: FW: EB062609-SO Association?

Hi Frank,

Will you have time today to address my question below? Thanks.

MICHAEL P. PHILLIPS

Project Manager

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

4955 Yarrow Street

Arvada, CO 80002

Tel 303-736-0157 | Fax 303-432-8925

www.testamericainc.com

Please let us know if we met your expectations by rating the service you received from TestAmerica on this project by visiting our website at: *Project Feedback*

From: Phillips, Michael
Sent: Wednesday, July 15, 2009 3:39 PM
To: 'frank.hagar@ngem.com'; 'carnold@ngem.com'
Cc: Middleditch, Eric
Subject: EB062609-SO Association?

Frank,

Please see the attached COC (2027.001.00151) containing sample EB062609-SO. Cindy has asked us to group these equipment blanks into SDGs with the associated samples. In this case, this is an equipment blank that should be associated with soils, but we did not receive any soil samples that were

taken at the same time as this equipment blank. Sample EB062609-SO was sampled on 6/26/09 and was received by TAD on 6/27/09. We only received water samples in that time frame. The nearest soil samples we received to 6/27/09 were received betwe en 6/11/09-6/20/09 or on 7/2/09. So, the soils we received were either several days before EB062609-SO or several days after. Which set of soils should this equipment blank be associated with? Thanks for your help.

MICHAEL P. PHILLIPS

Project Manager

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

4955 Yarrow Street

Arvada, CO 80002

Tel 303-736-0157 | Fax 303-432-8925

www.testamericainc.com

Please let us know if we met your expectations by rating the service you received from TestAmerica on this project by visiting our website at: *Project Feedback*

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Please consider the environment before printing this e-mail.

2.7 ac
7/2/09
IR1

219

northgate
environmental management, inc.

1100 Quail Street, Suite 102, Newport Beach, CA 92660
(949) 260-9293

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed and accurate.

COC No. 2027.001.00177
Page: 1 of 1
Cooler # 1 of 1

Required Ship to Lab:

Lab Name:	TestAmerica
Address:	4955 Yarrow Street
	Arvada, CO 80002
Lab PM:	Michael P. Phillips
Phone/Fax:	303-736-0157
Lab PM email	michael.phillips@testamericainc.com
Applicable Lab Quote #:	

Required Project Information:

Site ID #:	TRONOX LLC. HENDERSON
Project #	2027.001
Site Address	560 W. Lake Mead Drive
City	Henderson
State	NV
Site PM Name	Derrick Willis
Phone/Fax:	949-375-7004
Site PM Email:	derrick.willis@ngem.com

Required Invoice Information:

Send Invoice to:	Susan Crowley, Tronox LLC
Address:	PO Box 55
City/State	Henderson, NV 89009
Phone #:	(949)260-9293
Reimbursement project?	X
Non-reimbursement project?	Mark one
Send EDD to	Frank Hagar Northgate Environmental Management, Inc frank.hagar@ngem.com
CC Hardcopy report to	PDF Electronic Version Only
CC Hardcopy report to	see additional comments below

TAT: Standard 30 day	X	Rush		Mark One	
If Rush, Date due					
QC level Required: Standard		Special	EPA Stage 4	Mark one	
NJ Reduced Deliverable Package?					
MA MCP Cert?		CT RCP Cert?		Mark One	
Lab Project ID (lab use)					

Valid Matrix Codes

MATRIX		MATRIX	
DRINKING WATER	WP	WATER	W
GROUND WATER	WG	SURFACE WATER	WS
WASTE WATER	WW	WATER QC	WQ
FREE PRODUCT	LF	SLUDGE	SL
SOIL	SO	OIL RINSEATE	WH
OIL	SW	OTHER	OT
WIPE	AA	ANIMAL TISSUE	TA
AMBIENT AIR	AE		
SVE AIR	GS		
SOIL GAS			

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / ,-) Samples IDs MUST BE UNIQUE)	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	SAMPLE DATE	SAMPLE TIME	#OF CONTAINERS	FIELD FILTERED? (Y/N)	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Requested Analyses: EPA 8141A OPP Pest	Comments/Lab Sample I.D.
1	SA106-0.5B	SO	G	6/30/2009	9:10	1	N	X								X	4 oz Glass Jar
2	SA106-0.5BMS	SO	G	6/30/2009	9:10	1	N	X								X	4 oz Glass Jar
3	SA106-0.5BMSD	SO	G	6/30/2009	9:10	1	N	X								X	4 oz Glass Jar
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	

Additional Comments/Special Instructions:

All PDF reports and EDDs will be uploaded to:
Northgate Environmental Management, Inc.
FTP site address provided to labs
Notifications provided to:
cindy.arnold@ngem.com
frank.hagar@ngem.com

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
GES	6-30	1500	TCE	6/30	1500
TCE	7/1	1510		7/1/09	1510
	7/1/09	1540		7/2/09	0900

Sample Receipt Conditions

Temp in 0C	Samples on Ice?	Sample intact?	Custody Seals Intact?
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SHIPPING METHOD: (mark as appropriate) UPS (COURIER) FEDEX US MAIL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Phil Brinkerhoff

SIGNATURE of SAMPLER:

DATE Signed: 6/30/2009 Time: 1500

Table of Contents

TestAmerica Irvine

Table of Contents

TestAmerica Denver

Sample Receiving Checklist

Lot #: D9G020222 Date/Time Received: 7/2/09 0900

Company Name & Sampling Site: Northgate Tranex

PM to Complete This Section: *Yes* *No* *Yes* *No*
Residual chlorine check required: ❑ ☒ Quarantined : ❑ ☒

Quote #: 93046

Special Instructions:

MS/MSD

Time Zone:
• EDT/EST • CDT/CST • MDT/MST • PDT/PST • OTHER

Unpacking Checks:

Cooler #(s): _____ _____ _____ _____ _____ _____ _____ _____

Temperatures (°C): 2.7°C _____ _____ _____ _____ _____ _____ _____

N/A	*Yes*	*No*		*Initials*
❑	☑	❑	1. Cooler seals intact? (N/A if hand delivered) If no, document on CUR.	JC
	☑	❑	2. Coolers scanned for radiation. Is the reading ≤ to background levels? Yes: ✓ No: ____	
	☑	❑	3. Chain of custody present? If no, document on CUR.	
	❑	☑	4. Bottles broken and/or are leaking? If yes, document on CUR.	
	❑	☑	5. Multiphasic samples obvious? If yes, document on CUR.	
	☑	❑	6. Proper container & preservatives used? (ref. Attachment D of SOP# DV-QA-0003) If no, document on CUR.	
☑	❑	❑	7. pH of all samples checked and meet requirements? If no, document on CUR.	
	☑	❑	8. Sufficient volume provided for all analysis requested? (ref. Attachment D of SOP# DV-QA-0003) If no, document on CUR, and contact PM before proceeding.	
	☑	❑	9. Did chain of custody agree with labels ID and samples received? If no, document on CUR.	
☑	❑	❑	10. Were VOA samples without headspace? If no, document on CUR.	
☑	❑	❑	11. Were VOA vials preserved? Preservative ❑HCl ❑4±2°C ❑Sodium Thiosulfate ❑ Ascorbic Acid	
	❑	☑	12. Did samples require preservation with sodium thiosulfate?	
☑	❑	❑	13. If yes to #11, did the samples contain residual chlorine? If yes, document on CUR.	
☑	❑	❑	14. Sediment present in dissolved/filtered bottles? If yes, document on CUR.	
☑	☑	❑	15. Is sufficient volume provided for client requested MS, MSD or matrix duplicates? If no, document on CUR, and contact PM before proceeding.	
JC 7/2/09	❑	☑	16. Receipt date(s) > 48 hours past the collection date(s)? If yes, notify PA/PM.	
	❑	☑	17. Are analyses with short holding times requested?	
	❑	☑	18. Was a quick Turn Around (TAT) requested?	

TestAmerica Denver

Sample Receiving Checklist

Lot # D9G020222

Login Checks:

N/A	Yes	No		Initials
	☑	☐	19. Sufficient volume provided for all analysis requested? (ref. Attachment D of SOP# DV-QA-0003) If no, document on CUR, and contact PM before proceeding.	
☐	☑	☐	20. Is sufficient volume provided for client requested MS, MSD or matrix duplicates? If no, document on CUR, and contact PM before proceeding.	
	☑	☐	21. Did the chain of custody includes "received by" and "relinquished" by signatures, dates, and times?	
☐	☑	☐	22. Were special log in instructions read and followed?	
☑	☐	☐	23. Were AFCEE metals logged for refrigerated storage?	
	☑	☐	24. Were tests logged checked against the COC? Which samples were confirmed? 1	
☑	☐	☐	25. Was a Rush form completed for quick TAT?	
☑	☐	☐	26. Was a Short Hold form completed for any short holds?	
	☐	☑	27. Were special archiving instructions indicated in the General Comments? If so, what were they?	

Labeling and Storage Checks:

				Initials
☑	☐	☐	28. Was the subcontract COC signed and sent with samples to bottle prep?	
	☑	☐	29. Were sample labels double-checked by a second person?	
☑	☐	☐	30. Were sample bottles and COC double checked for dissolved/filtered metals by a second person?	
	☑	☐	31. Did the sample ID, Date, and Time from label match what was logged?	
☑	☐	☐	32. Were stickers for special archiving instructions affixed to each box? See #27	
☑	☐	☐	33. Were AFCEE metals stored refrigerated?	

Document any problems or discrepancies and the actions taken to resolve them on a Condition Upon Receipt Anomaly Report (CUR).

2.7°C LC 7/2/09 IR1

northgate
environmental management, inc.
1100 Quail Street, Suite 102, Newport Beach, CA 92660
(949) 260-9293

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed and accurate.

COC No. 2027.001.00181
Page: 1 of 1
Cooler # 1 of 1

Required Ship to Lab:

Lab Name:	TestAmerica
Address:	4955 Yarrow Street
	Arvada, CO 80002
Lab PM:	Michael P. Phillips
Phone/Fax:	303-736-0157
Lab PM email	michael.phillips@testamericainc.com
Applicable Lab Quote #:	

Required Project Information:

Site ID #:	TRONOX LLC. HENDERSON
Project #	2027.001
Site Address	560 W. Lake Mead Drive
City	Henderson
State	NV
Site PM Name	Derrick Willis
Phone/Fax:	949-375-7004
Site PM Email:	derrick.willis@ngem.com

Required Invoice Information:

Send Invoice to:	Susan Crowley, Tronox LLC
Address:	PO Box 55
City/State	Henderson, NV 89009
Phone #:	(949)260-9293
Reimbursement project?	X
Non-reimbursement project?	
Send EDD to	Frank Hagar Northgate Environmental Management, Inc frank.hagar@ngem.com
CC Hardcopy report to	PDF Electronic Version Only
CC Hardcopy report to	see additional comments below

TAT: Standard 30 day	X	Rush		Mark One
If Rush, Date due				
QC level Required: Standard		Special	EPA Stage 4	Mark one
NJ Reduced Deliverable Package?				
MA MCP Cert?		CT RCP Cert?		Mark One
Lab Project ID (lab use)				

Valid Matrix Codes

MATRIX		MATRIX	
DRINKING WATER	WP	WATER	W
GROUND WATER	WG	SURFACE WATER	WS
WASTE WATER	WW	WATER QC	WQ
FREE PRODUCT	LF	SLUDGE	SL
SOIL	SO	Oil RINSEATE	WH
OIL	SW	OTHER	OT
WIPE	AA	ANIMAL TISSUE	TA
AMBIENT AIR	AE		
SVE AIR	GS		
SOIL GAS			

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / ,-) Samples IDs MUST BE UNIQUE)	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	SAMPLE DATE	SAMPLE TIME	#OF CONTAINERS	FIELD FILTERED? (Y/N)	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Requested Analyses: EPA 8141A OPP Pest	Comments/Lab Sample I.D.
1	SA82-0.5B	SO	G	7/1/2009	7:00	1	N	X								X	4 oz Glass Jar
2	SA82-0.5BMS	SO	G	7/1/2009	7:00	1	N	X								X	4 oz Glass Jar
3	SA82-0.5BMSD	SO	G	7/1/2009	7:00	1	N	X								X	4 oz Glass Jar
4	SA82-10B	SO	G	7/1/2009	7:56	1	N	X								X	4 oz Glass Jar
5	SA82-29B	SO	G	7/1/2009	9:36	1	N	X								X	4 oz Glass Jar
6																	
7																	
8																	
9																	
10																	
11																	
12																	

Additional Comments/Special Instructions:

All PDF reports and EDDs will be uploaded to:
Northgate Environmental Management, Inc.
FTP site address provided to labs
Notifications provided to:
cindy.arnold@ngem.com
frank.hagar@ngem.com

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	7-1-09	1430		7-1-09	1430
	7-1-09	1930	/GEO	7/1/09	1420
/GEO	7/1/09	1610		7/1/09	1610
	7/1/09	1620	/TADm	7/2/09	0900

SHIPPING METHOD: (mark as appropriate) UPS COURIER FEDEX US MAIL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Doug Davis
SIGNATURE of SAMPLER:
DATE Signed 7-1-09 Time: 1430

Sample Receipt Conditions	Temp in OC	Samples on Ice?	Sample intact?	Trip Blank?
	Y/N	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N	Y/N

Table of Contents

TestAmerica

TestAmerica Denver

Sample Receiving Checklist

Lot #: D9G020235 Date/Time Received: 7/2/09 0900

Company Name & Sampling Site: Northgate - TRONOX

PM to Complete This Section: *Yes* *No* *Yes* *No*
Residual chlorine check required: ❑ ☒ Quarantined : ❑ ☒

Quote #: 830416

Special Instructions:

MS/MSD

Time Zone:
• EDT/EST • CDT/CST • MDT/MST • PDT/PST • OTHER

Unpacking Checks:

Cooler #(s): _____ _____ _____ _____ _____ _____ _____ _____

Temperatures (°C): 2.7°C _____ _____ _____ _____ _____ _____ _____

N/A	*Yes*	*No*	MRR 7/23/09	*Initials*
❑	☑	❑	1. Cooler seals intact? (N/A if hand delivered) If no, document on CUR.	AC
❑	☑	❑	2. Coolers scanned for radiation. Is the reading ≤ to background levels? Yes: ✓ No: ____	
❑	☑	❑	3. Chain of custody present? If no, document on CUR.	
❑	❑	☑	4. Bottles broken and/or are leaking? If yes, document on CUR.	
❑	❑	☑	5. Multiphasic samples obvious? If yes, document on CUR.	
❑	☑	❑	6. Proper container & preservatives used? (ref. Attachment D of SOP# DV-QA-0003) If no, document on CUR.	
☑	❑	❑	7. pH of all samples checked and meet requirements? If no, document on CUR.	
❑	☑	❑	8. Sufficient volume provided for all analysis requested? (ref. Attachment D of SOP# DV-QA-0003) If no, document on CUR, and contact PM before proceeding.	
❑	☑	❑	9. Did chain of custody agree with labels ID and samples received? If no, document on CUR.	
☑	❑	❑	10. Were VOA samples without headspace? If no, document on CUR.	
☑	❑	❑	11. Were VOA vials preserved? Preservative ❑HCl ❑4±2°C ❑Sodium Thiosulfate ❑ Ascorbic Acid	
❑	❑	☑	12. Did samples require preservation with sodium thiosulfate?	
☑	❑	❑	13. If yes to #11, did the samples contain residual chlorine? If yes, document on CUR.	
☑	❑	❑	14. Sediment present in dissolved/filtered bottles? If yes, document on CUR.	
❑	☑	❑	15. Is sufficient volume provided for client requested MS, MSD or matrix duplicates? If no, document on CUR, and contact PM before proceeding.	
❑	❑	☑	16. Receipt date(s) > 48 hours past the collection date(s)? If yes, notify PA/PM.	
❑	❑	☑	17. Are analyses with short holding times requested?	
❑	❑	☑	18. Was a quick Turn Around (TAT) requested?	

TestAmerica Denver

Sample Receiving Checklist

Lot # D9G020235

Login Checks:

N/A	Yes	No		Initials
	☑	☐	19. Sufficient volume provided for all analysis requested? (ref. Attachment D of SOP# DV-QA-0003) If no, document on CUR, and contact PM before proceeding.	LM
☑	☐	☐	20. Is sufficient volume provided for client requested MS, MSD or matrix duplicates? If no, document on CUR, and contact PM before proceeding.	
	☑	☐	21. Did the chain of custody includes "received by" and "relinquished" by signatures, dates, and times?	
☐	☑	☐	22. Were special log in instructions read and followed?	
☑	☐	☐	23. Were AFCEE metals logged for refrigerated storage?	
	☑	☐	24. Were tests logged checked against the COC? Which samples were confirmed? 1	
☑	☐	☐	25. Was a Rush form completed for quick TAT?	
☑	☐	☐	26. Was a Short Hold form completed for any short holds?	
	☐	☑	27. Were special archiving instructions indicated in the General Comments? If so, what were they?	

Labeling and Storage Checks:

Initials: AC

☑	☐	☐	28. Was the subcontract COC signed and sent with samples to bottle prep?
	☑	☐	29. Were sample labels double-checked by a second person?
☐	☑	☐	30. Were sample bottles and COC double checked for dissolved/filtered metals by a second person?
	☑	☐	31. Did the sample ID, Date, and Time from label match what was logged?
☑	☐	☐	32. Were stickers for special archiving instructions affixed to each box? See #27
☑	☐	☐	33. Were AFCEE metals stored refrigerated?

Document any problems or discrepancies and the actions taken to resolve them on a Condition Upon Receipt Anomaly Report (CUR).

Semivolatile GC

Supporting Documentation

Sample Sequence, Chromatograms

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Lot ID: D9F270150

Client: Northgate

Method: 8141

Associated Samples: 1

Batch #(s): 918945|

I certify that, to the best of my knowledge, the attached package represents a complete and accurate copy of the original data.

Signature/Date: Lynnea Garrett 7/10/09

GC SEMIVOLATILE ORGANIC EXTRACTION LOG SHEETS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

RQC058

TestAmerica Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 7/10/09
Time: 13:33:03

LEV 1	LEV 2		LEV 1	LEV 2	
Y	Y	Blank	Y	Y	Weights/Volumes
Y	Y	Check	Y	Y	Spike & Surrogate Worksheet
_	_	MS/MSD	Y	Y	Vial contains correct volume
			Y	Y	Labels, greenbars, worksheets
					computer batch: correct & all match
			Y	Y	Anomalies to Extraction Method

_ Expanded Deliverable
_ COC Completed
_ Bench Sheet Copied
_ Package Submitted to AnalyticalGroup
_ Bench Sheet Copied per COC

Extractionist: 009580 David Bourgery

Concentrationist: 002074 Cheyana Cokley

Reviewer/Date: COKLEYC / 7/09/09

QC BATCH: 9189451

PREP DATE: 7/08/09 16:00
COMP DATE: 7/09/09 13:00

Compounds, Organophosphorus (8141A)
LIQ/LIQ, SEP FUNNEL (PAH,P/P,TPH,Dioxin) - Nominal

EXTR EXPR	ANL DUE	LOT#,MSRUN#/ WORK ORDER	TEST FLGS	EXT	MTH	MATRIX	INIT/FIN WT/VOL	INIT	PH"S ADJI	ADJ2	SOLVENTS EXTRACTION	VOL	EXCHANGE	VOL	SPIKE STANDARD/ SURROGATE ID
7/03/09	7/09/09	D9F270150-001 **LFQ0D-2-AA**	DR	09	P2	WATER	**1057mL** 2.00mL	7.0	NA	NA	MECL2	180.0	HEXANE	50.0	1ML GSV0675 6.04.09
COMMENTS:															
7/03/09	0/00/00	D9G080000-451 **LF7N8-1-AAB**		09	P2	WATER	**1000mL** 2.00mL	7.0	NA	NA	MECL2	180.0	HEXANE	50.0	1ML GSV0675 6.04.09
COMMENTS:															
7/03/09	0/00/00	D9G080000-451 **LF7N8-1-ACC**		09	P2	WATER	**1000mL** 2.00mL	7.0	NA	NA	MECL2	180.0	HEXANE	50.0	1ML GSV0753 6.24.09 1ML GSV0675 6.04.09
COMMENTS:															
7/03/09	0/00/00	D9G080000-451 **LF7N8-1-ADL**	R	09	P2	WATER	**1000mL** 2.00mL	7.0	NA	NA	MECL2	180.0	HEXANE	50.0	1ML GSV0753 6.24.09 1ML GSV0675 6.04.09
COMMENTS:															

DV-OP-0006/7 BAL:M27795 NA2SO4:G45627 ELGA WATER+NACL:G47617 MECL2:H22J00
S/S:DB-E W:CRC TURBOVAP A:40C HEX:H11E04 PIP:CON-6

R = RUSH C = CLP
E = EPA 600 D = EXP.DEL)
M = CLIENT REQ MS/MSD

NUMBER OF WORK ORDERS IN BATCH: 4

GC SEMIVOLATILE INSTRUMENT LOG SHEETS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CE\070909.S

Sequence Table (Front Injector):

Quantification Part:

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution	
1	Vial 1	PRIMER					
2	Vial 2	HEXANE					
3	Vial 3	OPP CCV GSV0827					
4	Vial 4	LF0E51AA,MB					9182411
5	Vial 5	LF0E51AC,LCS					
6	Vial 6	LF0E51AD,LCSD					
7	Vial 7	LERN72AF,115-1					
8	Vial 8	LERPQ2AF,115-2					
9	Vial 9	LERPX2AF,115-3					
10	Vial 10	LF7N81AA,MB					9189451
11	Vial 11	LF7N81AC,LCS					
12	Vial 12	LF7N81AD,LCSD					
13	Vial 13	LFQ0D2AA,150-1					
14	Vial 14	OPP CCV GSV0827					
15	Vial 15	LF5Q81AA,MB					9188423
16	Vial 16	LF5Q81AC,LCS					
17	Vial 17	LF5Q81AD,LCSD					
18	Vial 18	LF2AQ1AA,291-1					
19	Vial 19	LF2AX1AA,291-2					
20	Vial 20	LF2A51AA,291-3					
21	Vial 21	LF2DV1AA,302-1					
22	Vial 22	LF5QC1AA,252-1					
23	Vial 23	LF5QX1AA,252-2					
24	Vial 24	LF5Q11AA,252-3					
25	Vial 25	LF5Q21AA,252-4					
26	Vial 26	OPP CCV GSV0827					
27	Vial 27	LF9N41AA,MB					9190414
28	Vial 28	LF9N41AC,LCS					
29	Vial 29	LF9N41AD,LCSD					
30	Vial 30	LERN73AF,115-1					
31	Vial 31	LERPQ3AF,115-2					
32	Vial 32	LERPX3AF,115-3					
33	Vial 33	LF1JG2CX,189-1					
34	Vial 34	LF1LF2C1,189-9					
35	Vial 35	LF1LN2C1,189-13					
36	Vial 36	OPP CCV GSV0827					
37	Vial 37	LF7RT1AA,MB					9189499
38	Vial 38	LF7RT1AD,LCS					
39	Vial 39	LF7RT1AE,LCSD					
40	Vial 40	LFC4G2AA,197-1					
41	Vial 41	LFC4M2AA,198-1					
42	Vial 42	LF5T81AA,MB					9188427
43	Vial 43	LF5T81AC,LCS					
44	Vial 44	LF1T81AA,222-1					
45	Vial 45	LF1T81AD,222-1S					
46	Vial 46	LF1T81AE,222-1D					
47	Vial 47	LF1XG1AA,235-1					
48	Vial 48	LF1XG1AC,235-1S					
49	Vial 49	LF1XG1AD,235-1D					
50	Vial 50	LF1XT1AA,235-2					
51	Vial 51	LF1XX1AA,235-3					
52	Vial 52	OPP CCV GSV0827					
53	Vial 53	OPP L1 GSV					
54	Vial 2	HEXANE/ACETONE					

Sequence Table (Back Injector):

7/10/2009 8:13:55 AM MPK/TLW

GC SEMIVOLATILE
CONTINUING CALIBRATION DATA

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709091.B/003F0301.D
Report Date: 07/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 003F0301.D
Analysis Type: NONE

Injection Date: 09-JUL-2009 22:38
Lab Sample ID: OPP CCV GSV0827
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
1 o,o,o-TEPT	2.5000	2.3551	5.8	15.0
2 Dichlorvos	2.5000	2.1427	14.3	15.0
3 Mevinphos	2.5000	2.3505	6.0	15.0
4 Chlormefos	2.5000	2.3737	5.1	15.0
5 Thionazin	2.5000	2.4162	3.4	15.0
6 Demeton-O	0.8125	0.7733	4.8	15.0
7 Ethoprop	2.5000	2.4231	3.1	15.0
8 Naled	2.5000	2.8135	12.5	15.0
9 Sulfotepp	2.5000	2.4333	2.7	15.0
10 Phorate	2.5000	2.3359	6.6	15.0
11 Dimethoate	2.5000	2.4607	1.6	15.0
12 Demeton-S	1.7000	1.6107	5.3	15.0
13 Simazine	2.5000	2.1348	14.6	15.0
14 Atrazine	2.5000	2.4348	2.6	15.0
15 propazine	2.5000	2.3949	4.2	15.0
17 Disulfoton	2.5000	2.3793	4.8	15.0
16 Diazinon	2.5000	2.3676	5.3	15.0
18 Methyl Parathion	2.5000	2.4895	0.4	15.0
19 Ronnel	2.5000	2.1442	14.2	15.0
20 Malathion	2.5000	2.3246	7.0	15.0
21 Fenthion	2.5000	2.2042	11.8	15.0
22 Parathion	2.5000	2.4018	3.9	15.0
23 Chlorpyrifos	2.5000	2.2502	10.0	15.0
24 Trichloronate	2.5000	2.3361	6.6	15.0
25 Anilazine	2.5000	2.5016	0.1	15.0
148 Merphos-A (Merphos)	2.5000	2.3583	5.7	999.0
26 Tetrachlorvinphos (Stirophos)	2.5000	2.4794	0.8	15.0
28 Tokuthion	2.5000	2.3278	6.9	15.0
149 Merphos-B (Merphos Oxone)	2.5000	2.4061	3.8	999.0
29 Carbophenothion-methyl	2.5000	2.3544	5.8	15.0
29 Fensulfothion	2.5000	2.2174	11.3	15.0
30 Bolstar / Famphur	5.0000	4.6122	7.8	15.0
32 Carbophenothion	2.5000	2.2957	8.2	15.0
31 Triphenyl phosphate	2.5000	2.3161	7.4	15.0
34 Phosmet	2.5000	2.3975	4.1	15.0
32 EPN	2.5000	2.5445	1.8	15.0
33 Azinphos-methyl	2.5000	2.4037	3.9	15.0
35 Azinphos-ethyl	2.5000	2.3570	5.7	15.0
36 Coumaphos	2.5000	2.4131	3.5	15.0

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709091.B/003F0301.D
Report Date: 07/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 003F0301.D
Analysis Type: NONE

Injection Date: 09-JUL-2009 22:38
Lab Sample ID: OPP CCV GSV0827
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
27 Merphos	2.5000	2.3780	4.9	15.0
40 Total Demeton	2.5000	2.3840	4.6	15.0

Average %D = 5.92

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0709091.B\003F0301.D
Lab Smp Id: OPP CCV GSV0827 Client Smp ID: OPP CCV GSV0827
Inj Date : 09-JUL-2009 22:38
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP CCV GSV0827
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0709091.B\8141A-1.m
Meth Date : 10-Jul-2009 12:00 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/mL)
	1 o,o,o-TEPT	3.255	3.254	(0.183)	282364	2.50000	2.355
	2 Dichlorvos	4.072	4.074	(0.228)	159529	2.50000	2.143
	3 Mevinphos	5.739	5.739	(0.322)	96132	2.50000	2.350
S	4 Chlormefos	5.830	5.836	(0.327)	221308	2.50000	2.374
	5 Thionazin	7.500	7.507	(0.421)	205584	2.50000	2.416
	6 Demeton-O	7.640	7.649	(0.428)	63184	0.81250	0.7733
	7 Ethoprop	7.844	7.852	(0.440)	180675	2.50000	2.423
	8 Naled	8.050	8.057	(0.451)	52835	2.50000	2.814
*	9 Tributylphosphate	Compound Not Detected.					
	10 Sulfotepp	8.432	8.442	(0.473)	259487	2.50000	2.433
	11 Phorate	8.522	8.532	(0.478)	180377	2.50000	2.336
	12 Dimethoate	8.649	8.652	(0.485)	220730	2.50000	2.461
	13 Demeton-S	8.837	8.846	(0.496)	104770	1.70000	1.611
	14 Simazine	8.912	8.924	(0.500)	63956	2.50000	2.135
	15 Atrazine	9.082	9.094	(0.509)	84687	2.50000	2.435
	16 propazine	9.227	9.241	(0.517)	76858	2.50000	2.395
	17 Disulfoton	9.857	9.869	(0.553)	124401	2.50000	2.379
	18 Diazinon	9.890	9.902	(0.555)	196389	2.50000	2.368
	19 Methyl Parathion	10.705	10.717	(0.600)	130960	2.50000	2.490
	20 Ronnel	11.227	11.241	(0.630)	116598	2.50000	2.144
	21 Malathion	11.789	11.804	(0.661)	115205	2.50000	2.325
	22 Fenthion	11.917	11.932	(0.668)	117869	2.50000	2.204
	23 Parathion	12.005	12.019	(0.673)	136685	2.50000	2.402
	24 Chlorpyrifos	12.055	12.067	(0.676)	154937	2.50000	2.250
	25 Trichloronate	12.480	12.496	(0.700)	143761	2.50000	2.336
	26 Anilazine	12.802	12.817	(0.718)	13418	2.50000	2.502
	27 Merphos-A (Merphos)	13.182	13.199	(0.739)	121079	2.50000	2.358
	28 Tetrachlorvinphos (Stirophos)	13.805	13.824	(0.774)	84606	2.50000	2.479
	29 Tokuthion	14.429	14.449	(0.809)	137319	2.50000	2.328
	30 Merphos-B (Merphos Oxone)	14.632	14.651	(0.821)	33120	2.50000	2.406
	31 Carbophenothion-methyl	15.217	15.239	(0.853)	106958	2.50000	2.354
	32 Fensulfothion	15.345	15.361	(0.861)	107266	2.50000	2.217
	33 Bolstar / Famphur	16.037	16.053	(0.899)	260289	5.00000	4.612

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	16.180	16.197	(0.907)	129977	2.50000	2.296
$	35 Triphenyl phosphate	16.697	16.712	(0.936)	99649	2.50000	2.316(A)
	36 Phosmet	16.950	16.963	(0.951)	116181	2.50000	2.397
	37 EPN	17.135	17.151	(0.961)	118334	2.50000	2.544
	38 Azinphos-methyl	17.467	17.480	(0.980)	124124	2.50000	2.404
*	39 TOCP	17.832	17.846	(1.000)	85100	2.00000	
	40 Azinphos-ethyl	17.912	17.926	(1.004)	134727	2.50000	2.357
	41 Coumaphos	18.352	18.366	(1.029)	100504	2.50000	2.413
S	42 Merphos				154199	2.50000	2.378
M	43 Total Demeton				167954	2.50000	2.384

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

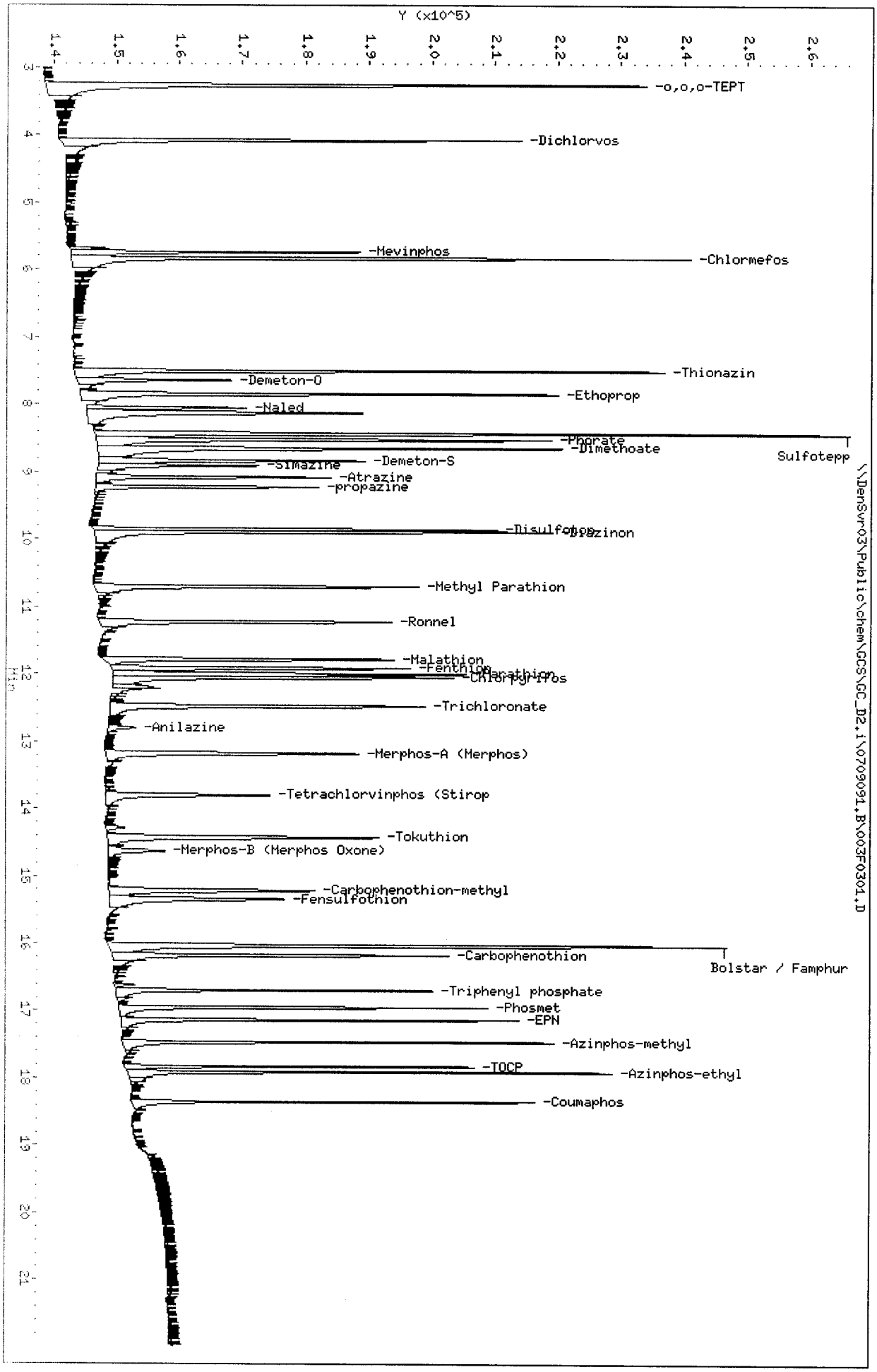
Instrument ID: GC_D2.i
Lab File ID: 003F0301.D
Lab Smp Id: OPP CCV GSV0827
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 10-JUL-2009
Calibration Time: 09:06
Client Smp ID: OPP CCV GSV0827
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	190357	95179	380714	0	-100.00
39 TOCP	93962	46981	187924	85100	-9.43

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.19	7.69	8.69	0.00	-100.00
39 TOCP	17.83	17.33	18.33	17.83	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709091.B\003F0301.D
Date : 09-JUL-2009 22:38
Client ID: OPP CCV GSV0827
Sample Info: OPP CCV GSV0827
Column phase: RTx-1MS

Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709092.B/003F0301.D
Report Date: 07/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 003F0301.D
Analysis Type: NONE

Injection Date: 09-JUL-2009 22:38
Lab Sample ID: OPP CCV GSV0827
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.4872	0.5	15.0	
2	Dichlorvos	2.5000	2.3362	6.6	15.0	
3	Chlormefos	2.5000	2.4948	0.2	15.0	
4	Mevinphos	2.5000	2.2768	8.9	15.0	
5	Demeton-O	0.8125	0.8109	0.2	15.0	
6	Thionazin	2.5000	2.4438	2.2	15.0	
7	Ethoprop	2.5000	2.3422	6.3	15.0	
8	Phorate	2.5000	2.4184	3.3	15.0	
10	Naled	2.5000	2.9409	17.6	15.0	<-
146	Sulfotepp	2.5000	2.4628	1.5	15.0	
10	Simazine	2.5000	2.3270	6.9	15.0	
12	Diazinon	2.5000	2.4349	2.6	15.0	
150	Atrazine	2.5000	2.4777	0.9	15.0	
13	Propazine	2.5000	2.4342	2.6	15.0	
14	Disulfoton	2.5000	2.4168	3.3	15.0	
15	Demeton-S	1.7000	1.5418	9.3	15.0	
16	Dimethoate	2.5000	2.5584	2.3	15.0	
17	Ronnel	2.5000	2.3740	5.0	15.0	
148	Merphos-A (Merphos)	2.5000	2.4009	4.0	999.0	
18	Chlorpyrifos	2.5000	2.2395	10.4	15.0	
19	Fenthion	2.5000	2.3817	4.7	15.0	
20	Trichloronate	2.5000	2.5823	3.3	15.0	
21	Anilazine	2.5000	2.6871	7.5	15.0	
23	Methyl Parathion	2.5000	2.6752	7.0	15.0	
24	Malathion	2.5000	2.3767	4.9	15.0	
25	Tokuthion	2.5000	2.4025	3.9	15.0	
26	Parathion	2.5000	2.6645	6.6	15.0	
149	Merphos-B (Merphos Oxone)	2.5000	3.1161	24.6	999.0	
27	Tetrachlorvinphos (stirophos)	2.5000	2.4886	0.5	15.0	
28	Carbophenothion methyl	2.5000	2.5015	0.1	15.0	
28	Bolstar	2.5000	2.3883	4.5	15.0	
30	Carbophenothion	2.5000	2.5403	1.6	15.0	
29	Triphenyl phosphate	2.5000	2.4139	3.4	15.0	
30	Fensulfothion	2.5000	2.3742	5.0	15.0	
35	Phosmet / EPN	5.0000	4.7681	4.6	15.0	
33	Famphur	2.5000	2.2164	11.3	15.0	
34	Azinphos-methyl	2.5000	2.3388	6.4	15.0	
35	Azinphos-ethyl	2.5000	2.3349	6.6	15.0	
36	Coumaphos	2.5000	2.4984	0.1	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709092.B/003F0301.D
Report Date: 07/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 003F0301.D
Analysis Type: NONE

Injection Date: 09-JUL-2009 22:38
Lab Sample ID: OPP CCV GSV0827
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
22 Merphos	2.5000	2.5423	1.7	15.0
40 Total Demeton	2.5000	2.3527	5.9	15.0

Average %D = 5.10

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0709092.B\003F0301.D
Lab Smp Id: OPP CCV GSV0827 Client Smp ID: OPP CCV GSV0827
Inj Date : 09-JUL-2009 22:38
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP CCV GSV0827
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0709092.B\8141A-2.m
Meth Date : 10-Jul-2009 12:05 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
1	o,o,o-TEPT	4.731	4.731	(0.252)	225901	2.50000	2.487
2	Dichlorvos	6.547	6.546	(0.348)	165680	2.50000	2.336
$ 3	Chlormefos	7.382	7.384	(0.393)	178108	2.50000	2.495
4	Mevinphos	9.232	9.234	(0.491)	108765	2.50000	2.277
5	Demeton-O	9.732	9.734	(0.517)	36912	0.81250	0.8109
6	Thionazin	9.981	9.984	(0.531)	174585	2.50000	2.444
7	Ethoprop	10.496	10.499	(0.558)	125029	2.50000	2.342
8	Phorate	10.534	10.539	(0.560)	149702	2.50000	2.418
9	Naled	10.937	10.939	(0.582)	46045	2.50000	2.941
10	Sulfotepp	11.012	11.017	(0.586)	229936	2.50000	2.463(A)
* 11	Tributylphosphate	11.117	11.116	(1.000)	122085	2.00000	
12	Simazine	11.396	11.399	(0.606)	31116	2.50000	2.327(A)
13	Diazinon	11.536	11.541	(0.613)	122006	2.50000	2.435
14	Atrazine	11.579	11.584	(0.616)	65742	2.50000	2.478(A)
15	Propazine	11.741	11.747	(0.624)	56766	2.50000	2.434
16	Disulfoton	12.042	12.049	(0.640)	118996	2.50000	2.417
17	Demeton-S	12.121	12.124	(0.644)	88316	1.70000	1.542
18	Dimethoate	13.276	13.282	(0.706)	168824	2.50000	2.558
19	Ronnel	13.581	13.587	(0.722)	105447	2.50000	2.374
20	Merphos-A (Merphos)	13.681	13.689	(1.231)	106212	2.50000	2.401(A)
21	Chlorpyrifos	14.401	14.409	(0.766)	100891	2.50000	2.239
22	Fenthion	14.651	14.662	(0.779)	99518	2.50000	2.382
23	Trichloronate	14.699	14.711	(0.782)	151200	2.50000	2.582
24	Anilazine	15.206	15.216	(0.809)	10362	2.50000	2.687
25	Methyl Parathion	15.509	15.519	(0.825)	120680	2.50000	2.675(A)
26	Malathion	15.716	15.724	(0.836)	100442	2.50000	2.377
27	Tokuthion	16.337	16.344	(0.869)	118875	2.50000	2.402
28	Parathion	16.484	16.494	(0.876)	118439	2.50000	2.664(M)
29	Merphos-B (Merphos Oxone)	16.507	16.517	(1.485)	42566	2.50000	3.116(AM)
30	Tetrachlorvinphos (stirophos)	16.967	16.977	(0.902)	71559	2.50000	2.488
31	Carbophenothion methyl	17.072	17.082	(0.908)	103099	2.50000	2.501
32	Bolstar	17.432	17.440	(0.927)	103686	2.50000	2.388
33	Carbophenothion	17.514	17.524	(0.931)	108445	2.50000	2.540(A)

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
S	34 Triphenyl phosphate	18.272	18.281	(0.972)	84561	2.50000	2.414
	35 Fensulfothion	18.551	18.559	(0.986)	76367	2.50000	2.374
*	36 TOCP	18.807	18.816	(1.000)	70218	2.00000	
	37 Phosmet / EPN	18.901	18.909	(1.005)	171278	5.00000	4.768
	38 Famphur	19.002	19.011	(1.010)	102079	2.50000	2.216
	39 Azinphos-methyl	19.137	19.147	(1.018)	98536	2.50000	2.339
	40 Azinphos-ethyl	19.356	19.366	(1.029)	93687	2.50000	2.335
	41 Coumaphos	20.334	20.347	(1.081)	77077	2.50000	2.498
S	42 Merphos				148778	2.50000	2.542(A)
M	43 Total Demeton				125228	2.50000	2.353

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

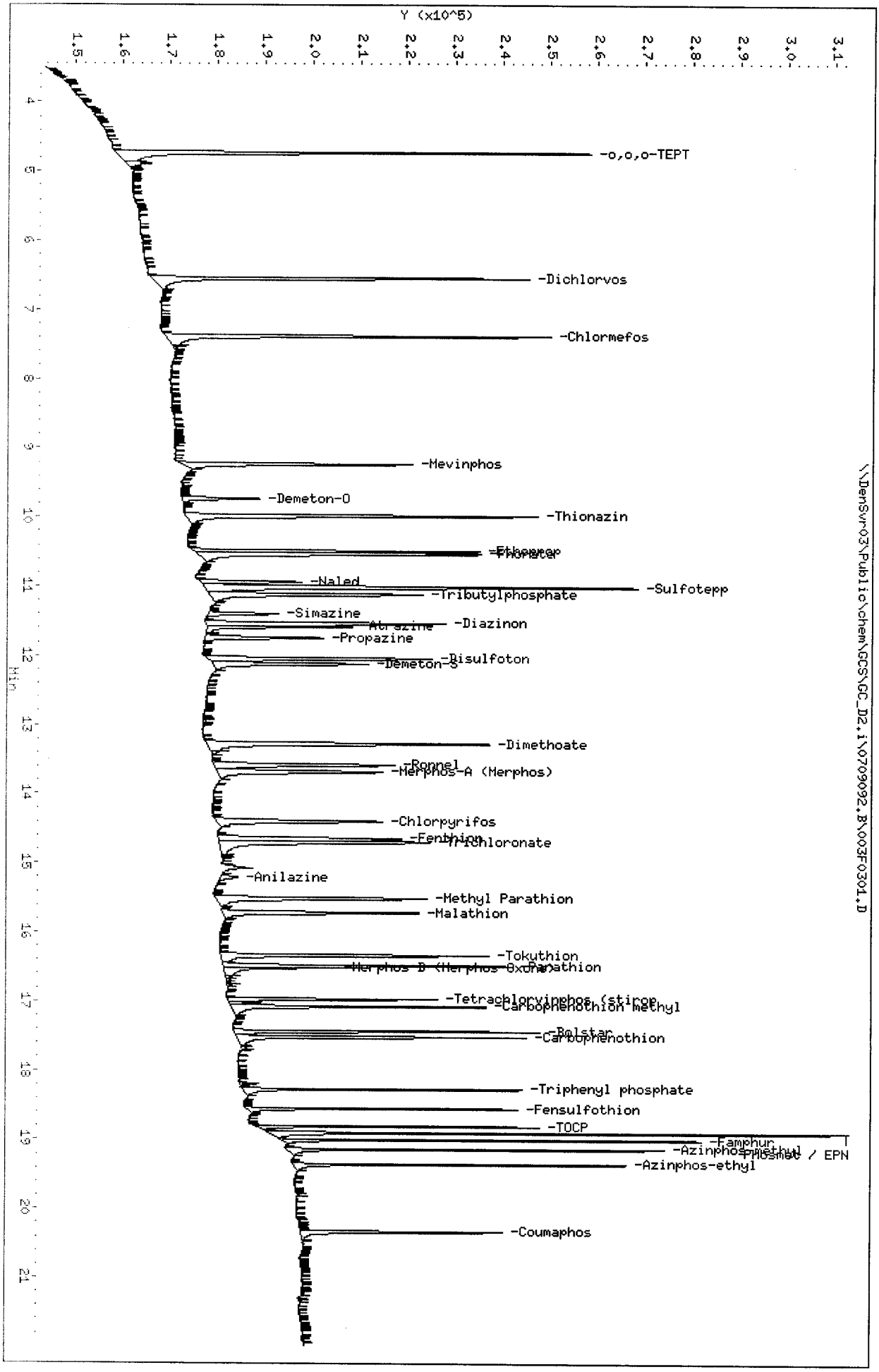
Instrument ID: GC_D2.i
Lab File ID: 003F0301.D
Lab Smp Id: OPP CCV GSV0827
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709092.B\8141A-2.m
Misc Info:

Calibration Date: 10-JUL-2009
Calibration Time: 09:06
Client Smp ID: OPP CCV GSV0827
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	133423	66712	266846	122085	-8.50
36 TOCP	79607	39804	159214	70218	-11.79

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.12	0.01
36 TOCP	18.81	18.31	19.31	18.81	-0.00

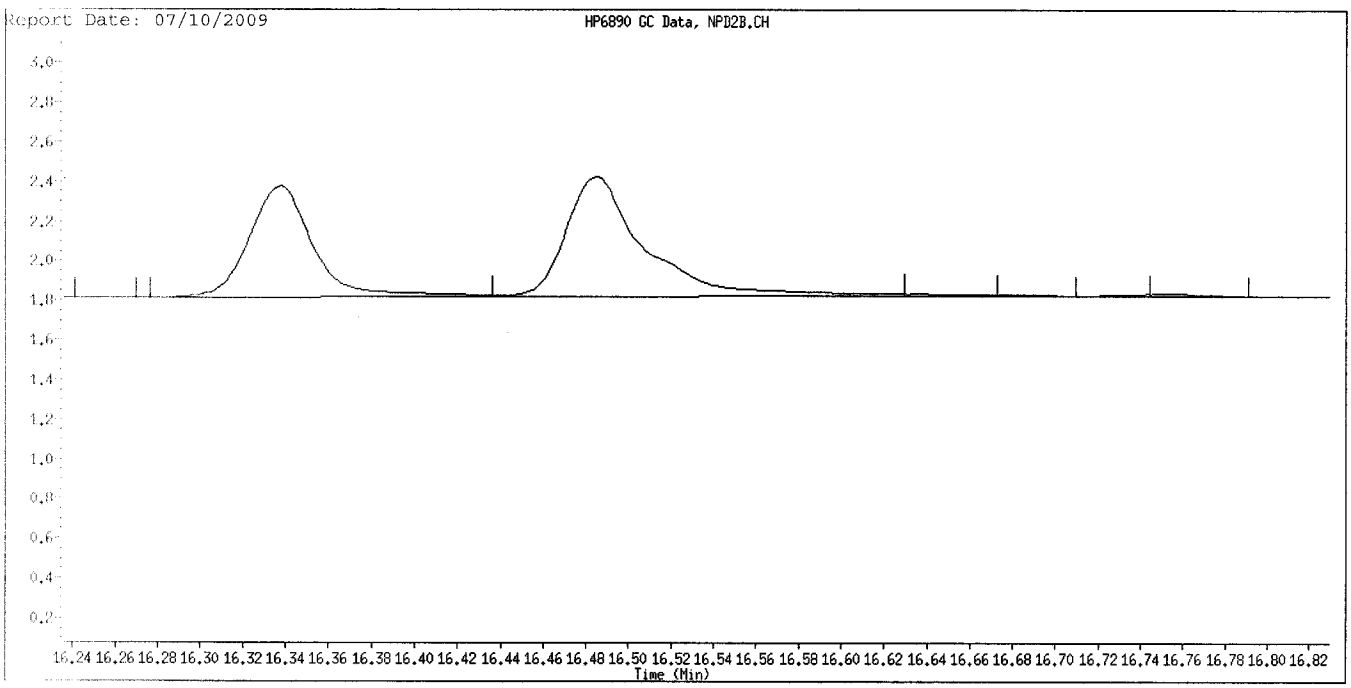
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



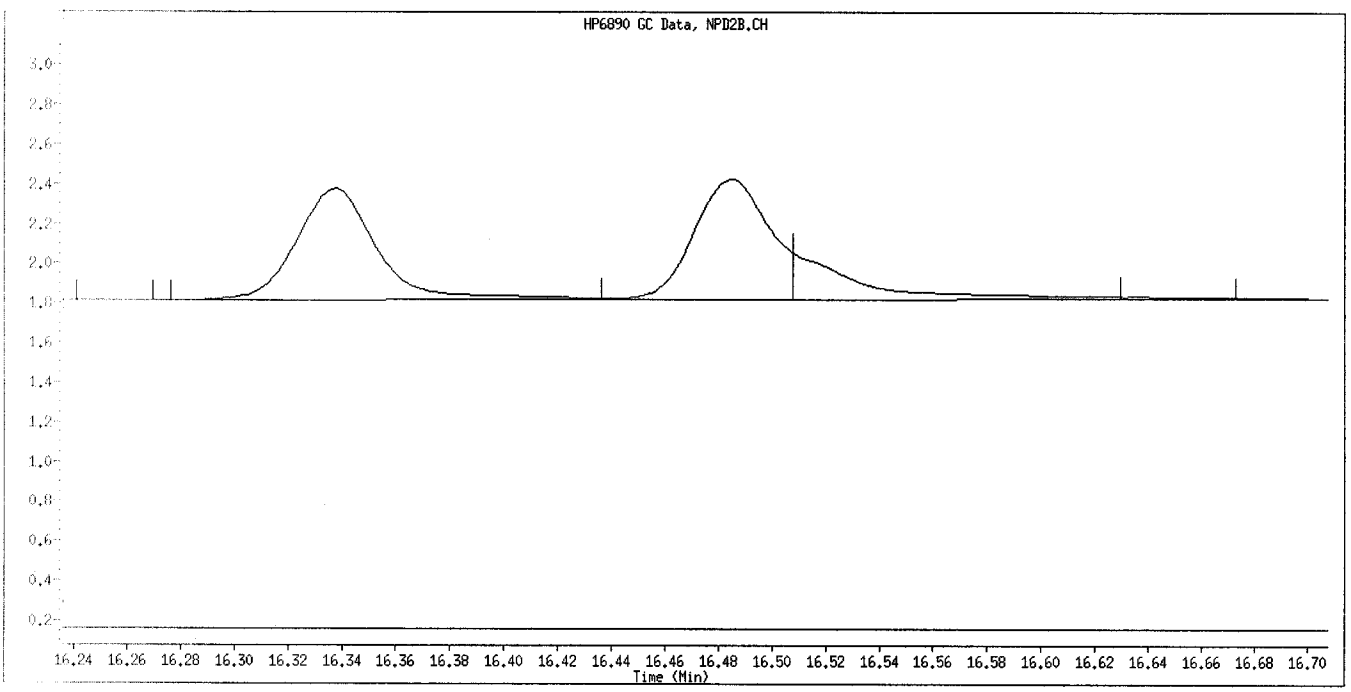
Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709092.B\003F0301.D
Date : 09-JUL-2009 22:38
Client ID: OPP CCV GSV0827
Sample Info: OPP CCV GSV0827
Column phase: RTx-OPPest

Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

Data File Name: 003F0301.D
Inj. Date and Time: 09-JUL-2009 22:38
Instrument ID: GC_D2.i
Client ID: OPP CCV GSV0827
Compound Name: Parathion
CAS #:
Report Date: 07/10/2009



Original Integration

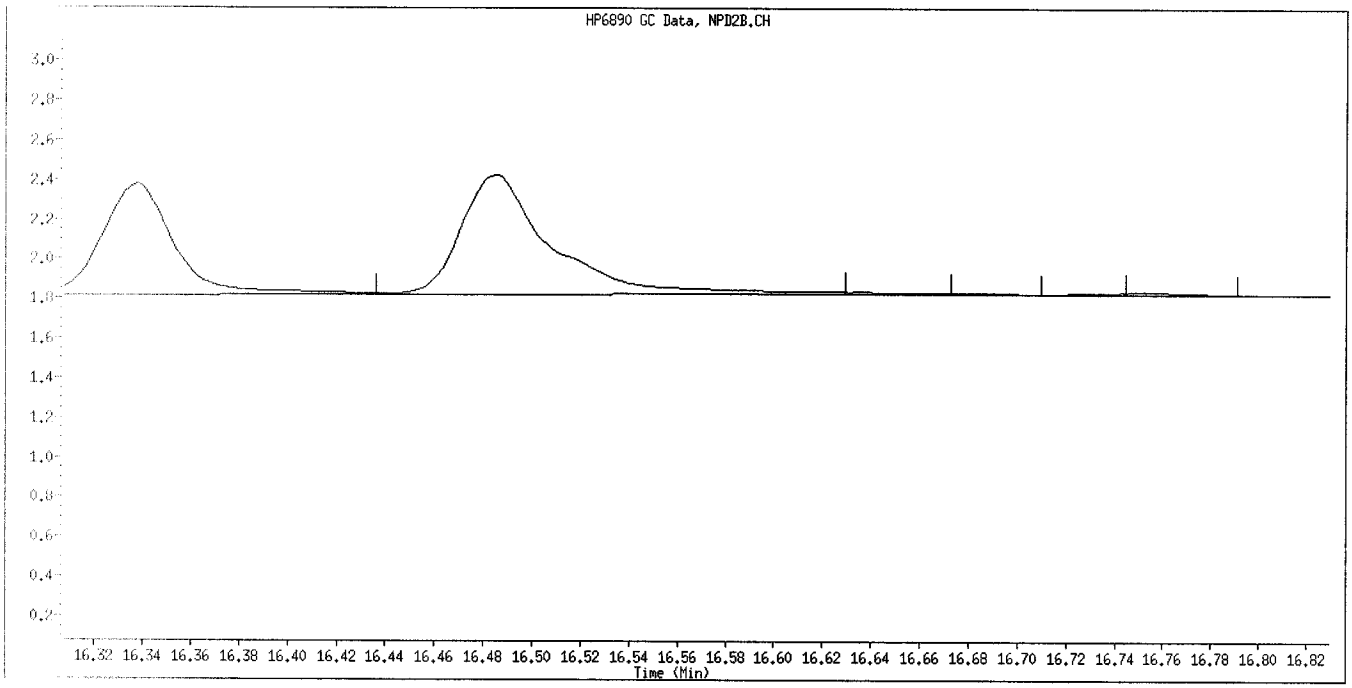


Manual Integration

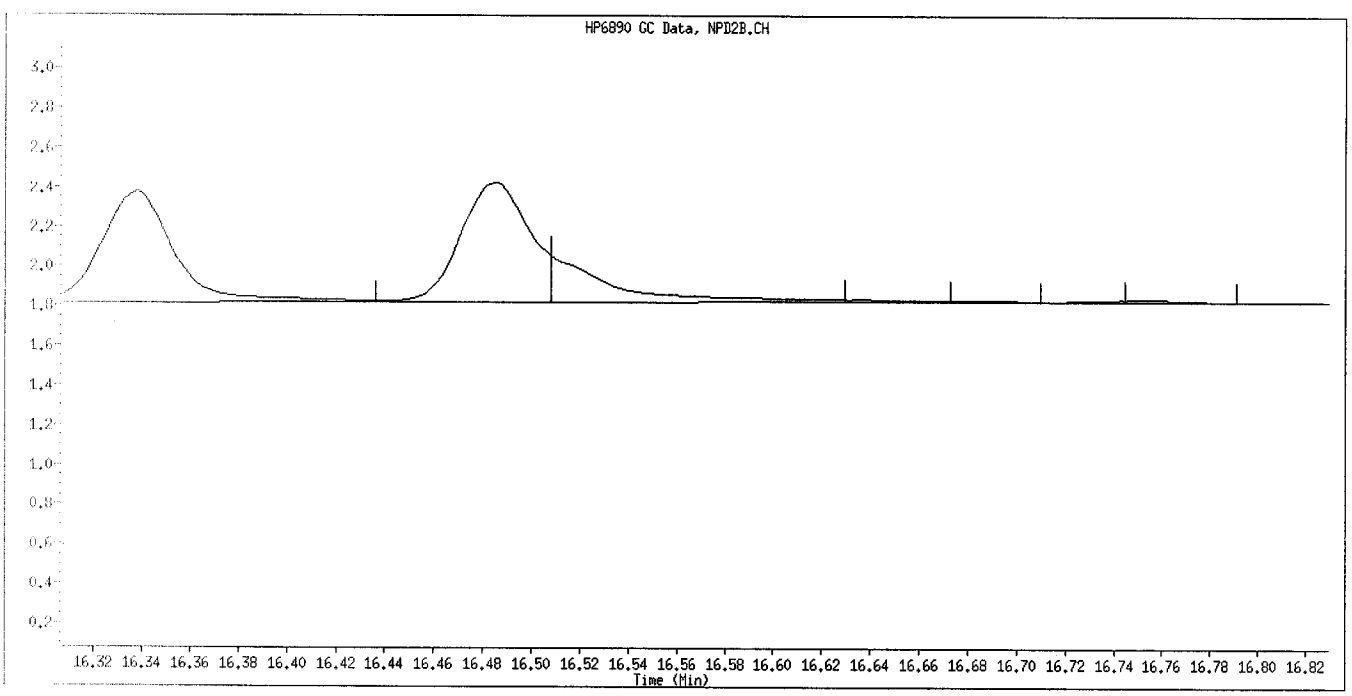
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

7/10/09

Data File Name: 003F0301.D
Maj. Date and Time: 09-JUL-2009 22:38
Instrument ID: GC_D2.i
Client ID: OPP CCV GSV0827
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 07/10/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

7/10/09

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709091.B/014F1401.D
Report Date: 07/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Injection Date: 10-JUL-2009 03:38
Lab File ID: 014F1401.D
Lab Sample ID: OPP CCV GSV0827
Analysis Type: NONE
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.3643	5.4	15.0	
2	Dichlorvos	2.5000	2.5394	1.6	15.0	
3	Mevinphos	2.5000	2.5199	0.8	15.0	
4	Chlormefos	2.5000	2.5234	0.9	15.0	
5	Thionazin	2.5000	2.4660	1.4	15.0	
6	Demeton-O	0.8125	0.9405	15.8	15.0	<-
7	Ethoprop	2.5000	2.7443	9.8	15.0	
8	Naled	2.5000	3.1727	26.9	15.0	<-
9	Sulfotepp	2.5000	2.6466	5.9	15.0	
10	Phorate	2.5000	2.6318	5.3	15.0	
11	Dimethoate	2.5000	2.8109	12.4	15.0	
12	Demeton-S	1.7000	1.8542	9.1	15.0	
13	Simazine	2.5000	2.7045	8.2	15.0	
14	Atrazine	2.5000	2.6294	5.2	15.0	
15	propazine	2.5000	2.4510	2.0	15.0	
17	Disulfoton	2.5000	2.4793	0.8	15.0	
16	Diazinon	2.5000	2.5280	1.1	15.0	
18	Methyl Parathion	2.5000	2.7742	11.0	15.0	
19	Ronnel	2.5000	2.5361	1.4	15.0	
20	Malathion	2.5000	2.5122	0.5	15.0	
21	Fenthion	2.5000	2.4042	3.8	15.0	
22	Parathion	2.5000	2.5353	1.4	15.0	
23	Chlorpyrifos	2.5000	2.4690	1.2	15.0	
24	Trichloronate	2.5000	2.5598	2.4	15.0	
25	Anilazine	2.5000	2.6443	5.8	15.0	
148	Merphos-A (Merphos)	2.5000	2.4543	1.8	999.0	
26	Tetrachlorvinphos (Stirophos)	2.5000	2.5605	2.4	15.0	
28	Tokuthion	2.5000	2.4890	0.4	15.0	
149	Merphos-B (Merphos Oxone)	2.5000	2.9831	19.3	999.0	
29	Carbophenothion-methyl	2.5000	2.5378	1.5	15.0	
29	Fensulfothion	2.5000	2.5529	2.1	15.0	
30	Bolstar / Famphur	5.0000	4.9017	2.0	15.0	
32	Carbophenothion	2.5000	2.3768	4.9	15.0	
31	Triphenyl phosphate	2.5000	2.5544	2.2	15.0	
34	Phosmet	2.5000	2.7580	10.3	15.0	
32	EPN	2.5000	2.6787	7.1	15.0	
33	Azinphos-methyl	2.5000	2.5994	4.0	15.0	
35	Azinphos-ethyl	2.5000	2.4798	0.8	15.0	
36	Coumaphos	2.5000	2.5203	0.8	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709091.B/014F1401.D
Report Date: 07/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Injection Date: 10-JUL-2009 03:38
Lab File ID: 014F1401.D
Lab Sample ID: OPP CCV GSV0827
Analysis Type: NONE
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
27 Merphos	2.5000	2.5776	3.1	15.0
40 Total Demeton	2.5000	2.7947	11.8	15.0

Average %D = 5.24

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0709091.B\014F1401.D
Lab Smp Id: OPP CCV GSV0827 Client Smp ID: OPP CCV GSV0827
Inj Date : 10-JUL-2009 03:38
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP CCV GSV0827
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0709091.B\8141A-1.m
Meth Date : 10-Jul-2009 12:00 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 14 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
1	o,o,o-TEPT	3.255	3.254	(0.183)	292818	2.50000	2.364
2	Dichlorvos	4.072	4.074	(0.228)	195297	2.50000	2.539
3	Mevinphos	5.737	5.739	(0.322)	106454	2.50000	2.520
$ 4	Chlormefos	5.829	5.836	(0.327)	243022	2.50000	2.523
5	Thionazin	7.499	7.507	(0.421)	216734	2.50000	2.466
6	Demeton-O	7.640	7.649	(0.429)	78925	0.81250	0.9405
7	Ethoprop	7.842	7.852	(0.440)	211369	2.50000	2.744
8	Naled	8.050	8.057	(0.452)	62056	2.50000	3.173
* 9	Tributylphosphate	Compound Not Detected.					
10	Sulfotepp	8.430	8.442	(0.473)	290881	2.50000	2.646
11	Phorate	8.522	8.532	(0.478)	209919	2.50000	2.632
12	Dimethoate	8.649	8.652	(0.485)	260453	2.50000	2.811
13	Demeton-S	8.835	8.846	(0.496)	124581	1.70000	1.854
14	Simazine	8.910	8.924	(0.500)	84379	2.50000	2.704
15	Atrazine	9.079	9.094	(0.509)	94470	2.50000	2.629
16	propazine	9.225	9.241	(0.517)	81254	2.50000	2.451
17	Disulfoton	9.857	9.869	(0.553)	133816	2.50000	2.479
18	Diazinon	9.890	9.902	(0.555)	216606	2.50000	2.528
19	Methyl Parathion	10.704	10.717	(0.600)	150747	2.50000	2.774
20	Ronnel	11.227	11.241	(0.630)	142449	2.50000	2.536
21	Malathion	11.787	11.804	(0.661)	128438	2.50000	2.512
22	Fenthion	11.917	11.932	(0.668)	132802	2.50000	2.404
23	Parathion	12.004	12.019	(0.673)	149041	2.50000	2.535
24	Chlorpyrifos	12.054	12.067	(0.676)	175604	2.50000	2.469
25	Trichloronate	12.479	12.496	(0.700)	162717	2.50000	2.560
26	Anilazine	12.799	12.817	(0.718)	14850	2.50000	2.644
27	Merphos-A (Merphos)	13.182	13.199	(0.739)	130163	2.50000	2.454
28	Tetrachlorvinphos (Stirophos)	13.804	13.824	(0.774)	90253	2.50000	2.560
29	Tokuthion	14.429	14.449	(0.809)	151668	2.50000	2.489
30	Merphos-B (Merphos Oxone)	14.629	14.651	(0.820)	42488	2.50000	2.983
31	Carbophenothion-methyl	15.215	15.239	(0.853)	118851	2.50000	2.538
32	Fensulfothion	15.345	15.361	(0.861)	128312	2.50000	2.553
33	Bolstar / Famphur	16.037	16.053	(0.899)	285743	5.00000	4.902

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	16.180	16.197	(0.907)	139003	2.50000	2.377
S	35 Triphenyl phosphate	16.697	16.712	(0.936)	113527	2.50000	2.554 (A)
	36 Phosmet	16.950	16.963	(0.951)	138058	2.50000	2.758
	37 EPN	17.135	17.151	(0.961)	128811	2.50000	2.679
	38 Azinphos-methyl	17.465	17.480	(0.980)	138655	2.50000	2.599
*	39 TOCP	17.830	17.846	(1.000)	87905	2.00000	
	40 Azinphos-ethyl	17.912	17.926	(1.005)	145987	2.50000	2.480
	41 Coumaphos	18.352	18.366	(1.029)	108429	2.50000	2.520
S	42 Merphos				172651	2.50000	2.578
M	43 Total Demeton				203506	2.50000	2.795

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

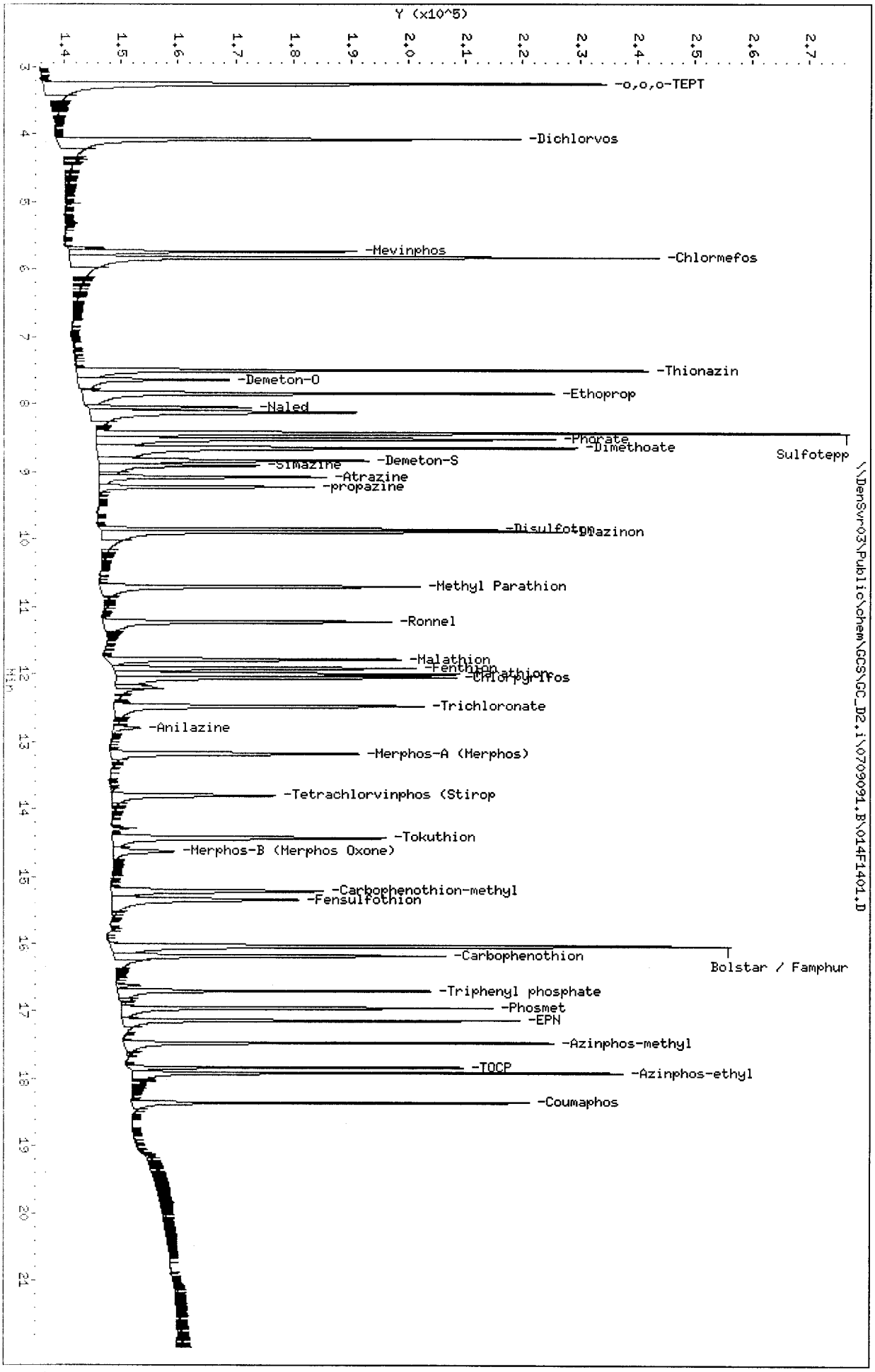
Instrument ID: GC_D2.i
Lab File ID: 014F1401.D
Lab Smp Id: OPP CCV GSV0827
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 09-JUL-2009
Calibration Time: 22:38
Client Smp ID: OPP CCV GSV0827
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	190357	95179	380714	0	-100.00
39 TOCP	85100	42550	170200	87905	3.30

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.19	7.69	8.69	0.00	-100.00
39 TOCP	17.83	17.33	18.33	17.83	-0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709091.B\014F1401.D
Date : 10-JUL-2009 03:38
Client ID: OPP CCV GSV0827
Sample Info: OPP CCV GSV0827
Column phase: RTx-1MS
Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709092.B/014F1401.D
Report Date: 07/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Injection Date: 10-JUL-2009 03:38
Lab File ID: 014F1401.D
Lab Sample ID: OPP CCV GSV0827
Analysis Type: NONE
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.4353	2.6	15.0	
2	Dichlorvos	2.5000	2.1830	12.7	15.0	
3	Chlormefos	2.5000	2.2910	8.4	15.0	
4	Mevinphos	2.5000	2.2869	8.5	15.0	
5	Demeton-O	0.8125	0.7743	4.7	15.0	
6	Thionazin	2.5000	2.5017	0.1	15.0	
7	Ethoprop	2.5000	2.3668	5.3	15.0	
8	Phorate	2.5000	2.8178	12.7	15.0	
10	Naled	2.5000	3.0720	22.9	15.0	<-
146	Sulfotepp	2.5000	2.6484	5.9	15.0	
10	Simazine	2.5000	3.2912	31.6	15.0	<-
12	Diazinon	2.5000	2.5920	3.7	15.0	
150	Atrazine	2.5000	2.7887	11.5	15.0	
13	Propazine	2.5000	2.6153	4.6	15.0	
14	Disulfoton	2.5000	2.5069	0.3	15.0	
15	Demeton-S	1.7000	1.6510	2.9	15.0	
16	Dimethoate	2.5000	2.4031	3.9	15.0	
17	Ronnel	2.5000	2.3342	6.6	15.0	
148	Merphos-A (Merphos)	2.5000	1.8597	25.6	999.0	
18	Chlorpyrifos	2.5000	2.3536	5.9	15.0	
19	Fenthion	2.5000	2.3707	5.2	15.0	
20	Trichloronate	2.5000	2.3859	4.6	15.0	
21	Anilazine	2.5000	0.3770	84.9	15.0	<-
23	Methyl Parathion	2.5000	2.5510	2.0	15.0	
24	Malathion	2.5000	2.5669	2.7	15.0	
25	Tokuthion	2.5000	2.3297	6.8	15.0	
26	Parathion	2.5000	2.5446	1.8	15.0	
149	Merphos-B (Merphos Oxone)	2.5000	1.6703	33.2	999.0	
27	Tetrachlorvinphos (stirophos)	2.5000	2.5776	3.1	15.0	
28	Carbophenothion methyl	2.5000	2.6974	7.9	15.0	
28	Bolstar	2.5000	2.4399	2.4	15.0	
30	Carbophenothion	2.5000	2.6033	4.1	15.0	
29	Triphenyl phosphate	2.5000	2.5175	0.7	15.0	
30	Fensulfothion	2.5000	2.3525	5.9	15.0	
35	Phosmet / EPN	5.0000	4.9874	0.3	15.0	
33	Famphur	2.5000	2.4126	3.5	15.0	
34	Azinphos-methyl	2.5000	2.4350	2.6	15.0	
35	Azinphos-ethyl	2.5000	2.4884	0.5	15.0	
36	Coumaphos	2.5000	2.5644	2.6	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709092.B/014F1401.D
Report Date: 07/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Injection Date: 10-JUL-2009 03:38
Lab File ID: 014F1401.D
Lab Sample ID: OPP CCV GSV0827
Analysis Type: NONE
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
22 Merphos	2.5000	2.4766	0.9	15.0
40 Total Demeton	2.5000	2.4253	3.0	15.0

Average %D = 8.76

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0709092.B\014F1401.D
Lab Smp Id: OPP CCV GSV0827 Client Smp ID: OPP CCV GSV0827
Inj Date : 10-JUL-2009 03:38
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP CCV GSV0827
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0709092.B\8141A-2.m
Meth Date : 10-Jul-2009 12:05 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 14 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1 o,o,o-TEPT	4.731	4.731	(0.252)	240500	2.50000	2.435
	2 Dichlorvos	6.547	6.546	(0.348)	168338	2.50000	2.183
$	3 Chlormefos	7.382	7.384	(0.393)	177844	2.50000	2.291
	4 Mevinphos	9.232	9.234	(0.491)	118791	2.50000	2.287
	5 Demeton-O	9.731	9.734	(0.517)	38326	0.81250	0.7743
	6 Thionazin	9.981	9.984	(0.531)	194332	2.50000	2.502
	7 Ethoprop	10.496	10.499	(0.558)	137381	2.50000	2.367
	8 Phorate	10.534	10.539	(0.560)	189667	2.50000	2.818
	9 Naled	10.937	10.939	(0.582)	52525	2.50000	3.072
	10 Sulfotepp	11.012	11.017	(0.586)	268861	2.50000	2.648(A)
*	11 Tributylphosphate	11.117	11.116	(1.000)	181987	2.00000	
	12 Simazine	11.396	11.399	(0.606)	47854	2.50000	3.291(A)
	13 Diazinon	11.536	11.541	(0.613)	141325	2.50000	2.592
	14 Atrazine	11.577	11.584	(0.616)	81386	2.50000	2.789(A)
	15 Propazine	11.741	11.747	(0.624)	66430	2.50000	2.615
	16 Disulfoton	12.044	12.049	(0.640)	134216	2.50000	2.507
	17 Demeton-S	12.121	12.124	(0.644)	103404	1.70000	1.651
	18 Dimethoate	13.274	13.282	(0.706)	172428	2.50000	2.403
	19 Ronnel	13.579	13.587	(0.722)	112735	2.50000	2.334
	20 Merphos-A (Merphos)	13.681	13.689	(1.231)	122638	2.50000	1.860(A)
	21 Chlorpyrifos	14.399	14.409	(0.766)	115296	2.50000	2.354
	22 Fenthion	14.651	14.662	(0.779)	107713	2.50000	2.371
	23 Trichloronate	14.697	14.711	(0.781)	151372	2.50000	2.386
	24 Anilazine	15.204	15.216	(0.808)	1585	2.50000	0.3770
	25 Methyl Parathion	15.509	15.519	(0.825)	125131	2.50000	2.551(A)
	26 Malathion	15.714	15.724	(0.836)	117954	2.50000	2.567
	27 Tokuthion	16.337	16.344	(0.869)	125346	2.50000	2.330
	28 Parathion	16.484	16.494	(0.876)	122994	2.50000	2.545(M)
	29 Merphos-B (Merphos Oxone)	16.507	16.517	(1.485)	34956	2.50000	1.670(AM)
	30 Tetrachlorvinphos (stirophos)	16.969	16.977	(0.902)	80592	2.50000	2.578
	31 Carbophenothion methyl	17.074	17.082	(0.908)	120884	2.50000	2.697
	32 Bolstar	17.432	17.440	(0.927)	115179	2.50000	2.440
	33 Carbophenothion	17.514	17.524	(0.931)	120846	2.50000	2.603(A)

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	34 Triphenyl phosphate	18.272	18.281	(0.972)	95896	2.50000	2.518
	35 Fensulfothion	18.551	18.559	(0.986)	82278	2.50000	2.352
*	36 TOCP	18.807	18.816	(1.000)	76352	2.00000	
	37 Phosmet / EPN	18.901	18.909	(1.005)	194655	5.00000	4.987
	38 Famphur	19.002	19.011	(1.010)	120818	2.50000	2.412
	39 Azinphos-methyl	19.137	19.147	(1.018)	111550	2.50000	2.435
	40 Azinphos-ethyl	19.356	19.366	(1.029)	108567	2.50000	2.488
	41 Coumaphos	20.334	20.347	(1.081)	86025	2.50000	2.564
$	42 Merphos				157594	2.50000	2.477(A)
M	43 Total Demeton				141730	2.50000	2.425

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

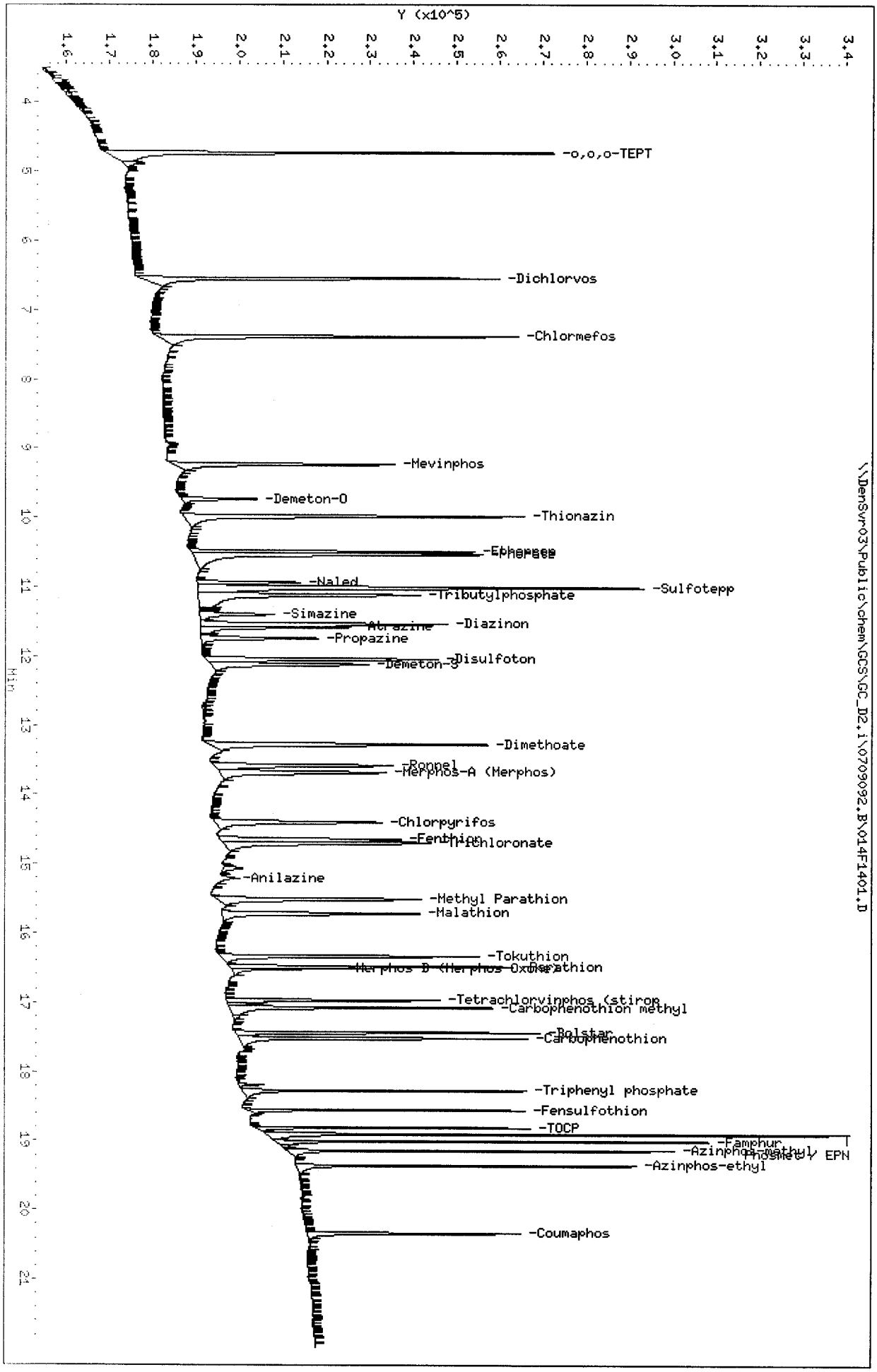
Instrument ID: GC_D2.i
Lab File ID: 014F1401.D
Lab Smp Id: OPP CCV GSV0827
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709092.B\8141A-2.m
Misc Info:

Calibration Date: 09-JUL-2009
Calibration Time: 22:38
Client Smp ID: OPP CCV GSV0827
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	122085	61043	244170	181987	49.07
36 TOCP	70218	35109	140436	76352	8.74

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.12	0.00
36 TOCP	18.81	18.31	19.31	18.81	0.00

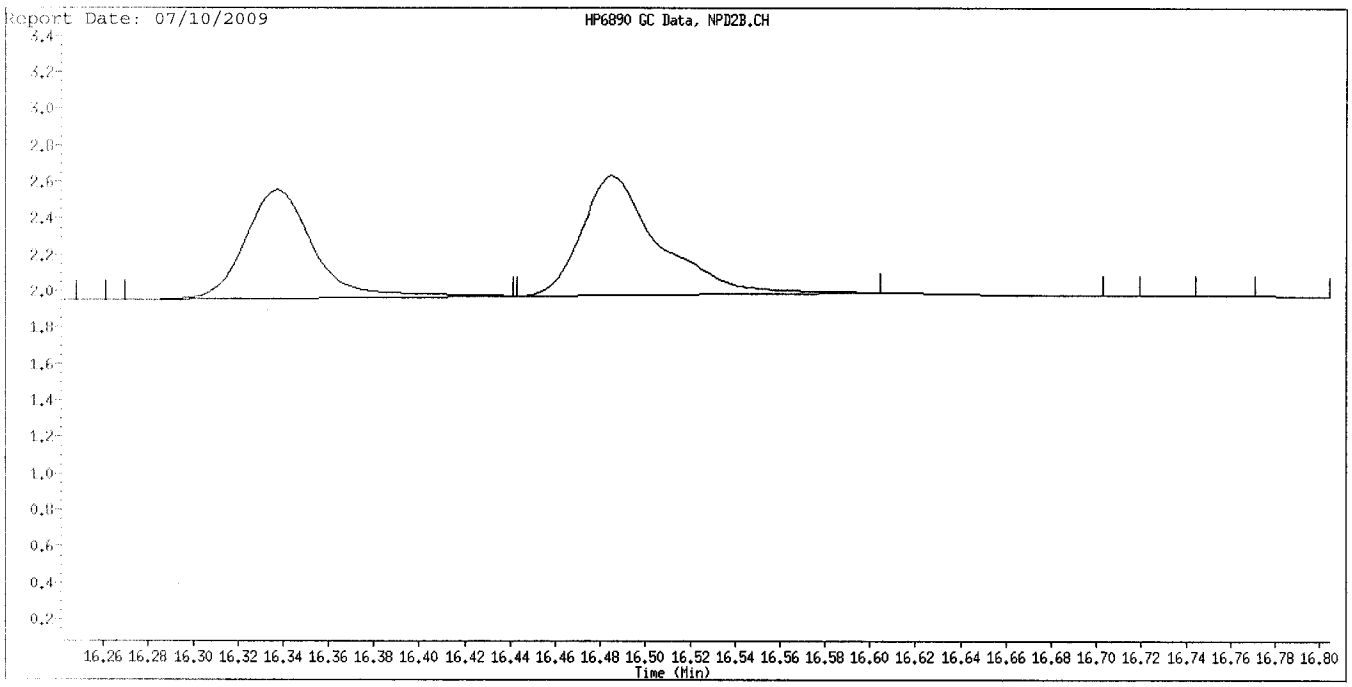
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



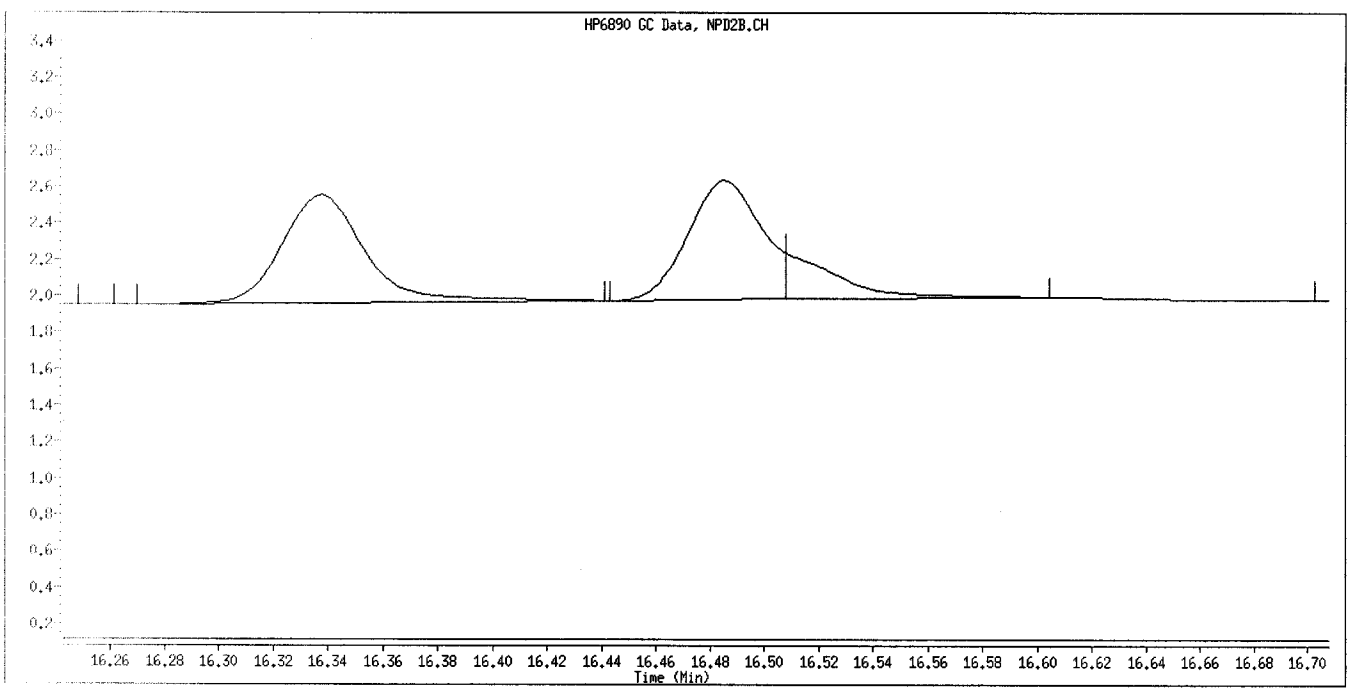
Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709092.B\014F1401.D
Date : 10-JUL-2009 03:38
Client ID: OPP CCV GSV0827
Sample Info: OPP CCV GSV0827
Column phase: RTx-OPPest

Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

Data File Name: 014F1401.D
Inj. Date and Time: 10-JUL-2009 03:38
Instrument ID: GC_D2.i
Client ID: OPP CCV GSV0827
Compound Name: Parathion
CAS #:
Report Date: 07/10/2009



Original Integration

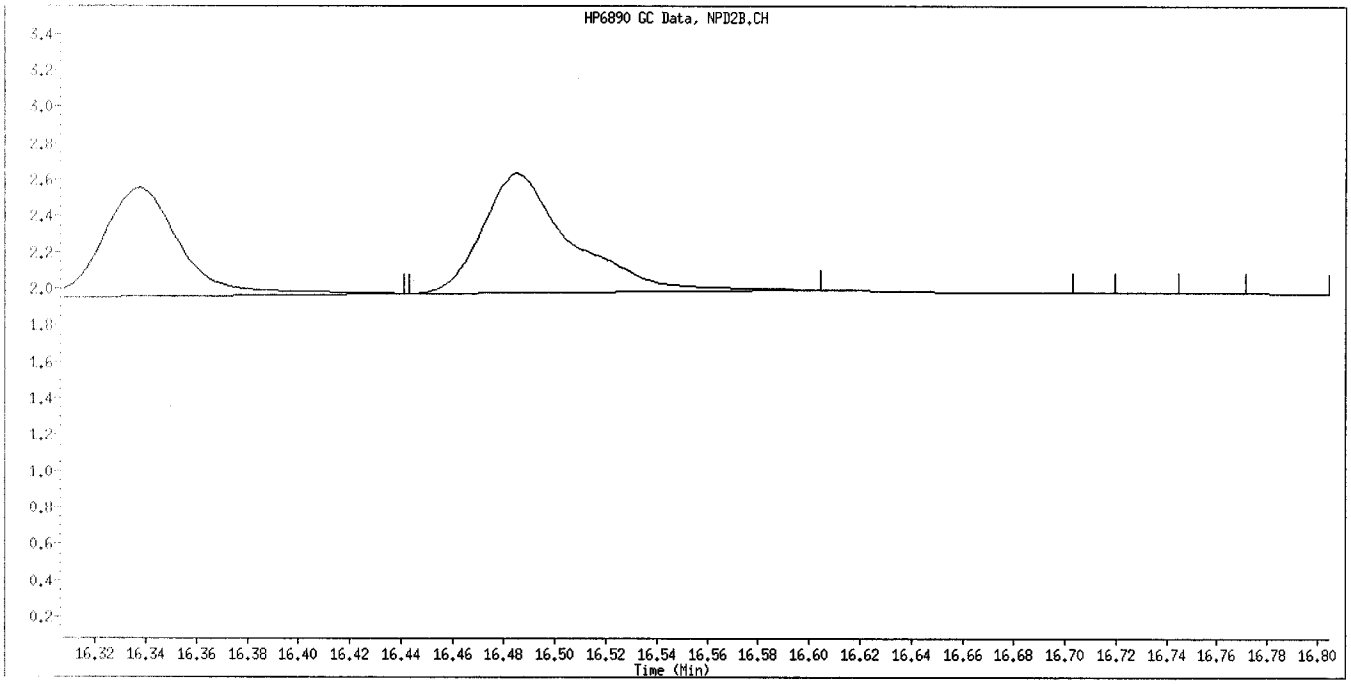


Manual Integration

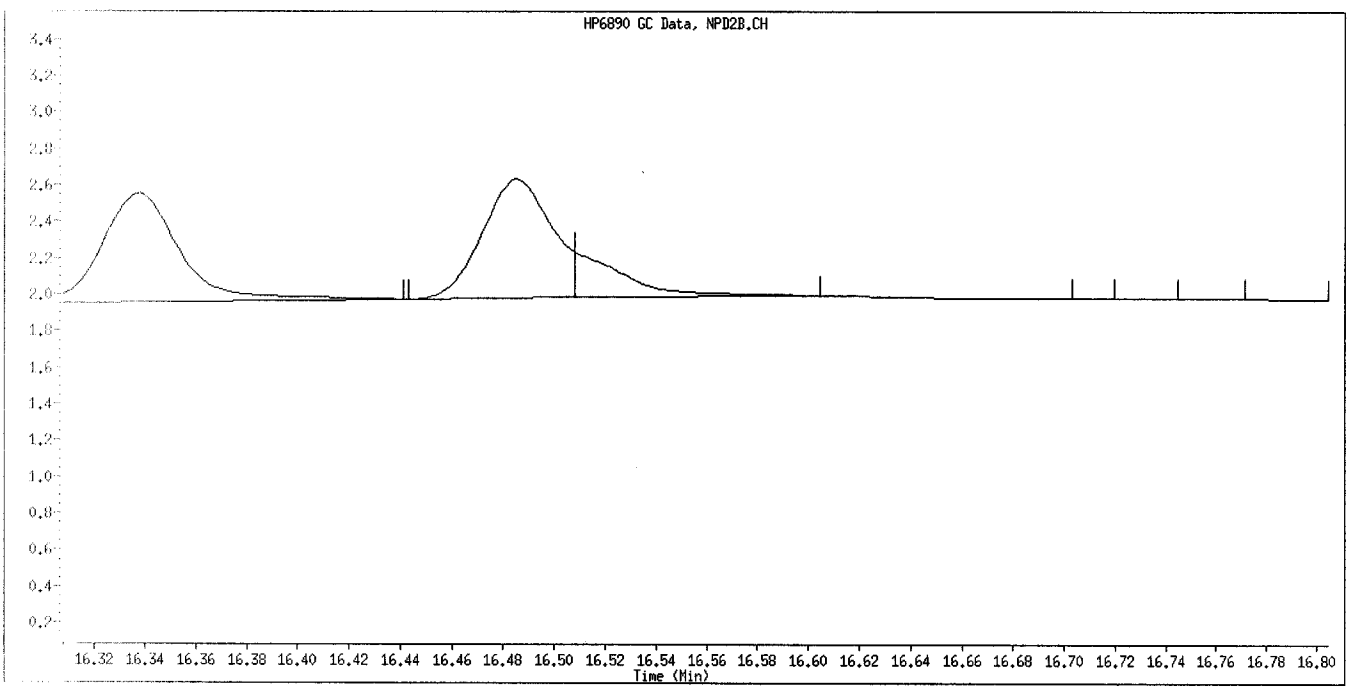
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

7/10/09

Data File Name: 014F1401.D
Inj. Date and Time: 10-JUL-2009 03:38
Instrument ID: GC_D2.i
Client ID: OPP CCV GSV0827
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 07/10/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

7/10/09

GC SEMIVOLATILE SAMPLE DATA

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0709091.B\010F1001.D
Lab Smp Id: LF7N81AA Client Smp ID: BLANK
Inj Date : 10-JUL-2009 01:49
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LF7N81AA,MB
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0709091.B\8141A-1.m
Meth Date : 10-Jul-2009 12:00 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 10 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Vs	1000.000	Volume of Sample extracted (mL)
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
1	o,o,o-TEPT	Compound Not Detected.					
2	Dichlorvos	Compound Not Detected.					
3	Mevinphos	Compound Not Detected.					
S 4	Chlormefos	5.830	5.836	(0.327)	71001	0.58370	1.167
5	Thionazin	Compound Not Detected.					
6	Demeton-O	Compound Not Detected.					
7	Ethoprop	Compound Not Detected.					
8	Naled	8.066	8.057	(0.452)	82	0.19577	0.3915 10% of peak
* 9	Tributylphosphate	Compound Not Detected.					
10	Sulfotepp	Compound Not Detected.					
11	Phorate	Compound Not Detected.					
12	Dimethoate	Compound Not Detected.					
13	Demeton-S	Compound Not Detected.					
14	Simazine	Compound Not Detected.					
15	Atrazine	Compound Not Detected.					
16	propazine	Compound Not Detected.					
17	Disulfoton	Compound Not Detected.					
18	Diazinon	Compound Not Detected.					
19	Methyl Parathion	Compound Not Detected.					
20	Ronnel	Compound Not Detected.					
21	Malathion	Compound Not Detected.					
22	Fenthion	Compound Not Detected.					

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
	23 Parathion	Compound Not Detected.					
	24 Chlorpyrifos	12.051	12.067	(0.676)	134	0.00149	0.002983(a)
	25 Trichloronate	Compound Not Detected.					
	26 Anilazine	Compound Not Detected.					
	27 Merphos-A (Merphos)	13.190	13.199	(0.740)	98	0.00146	0.002926
	28 Tetrachlorvinphos (Stirophos)	13.813	13.824	(0.775)	60	0.00135	0.002695
	29 Tokuthion	Compound Not Detected.					
	30 Merphos-B (Merphos Oxone)	14.645	14.651	(0.821)	52	0.02376	0.04751
	31 Carbophenothion-methyl	Compound Not Detected.					
	32 Fensulfothion	Compound Not Detected.					
	33 Bolstar / Famphur	Compound Not Detected.					
	34 Carbophenothion	Compound Not Detected.					
S	35 Triphenyl phosphate	16.698	16.712	(0.936)	44346	0.79000	1.580
	36 Phosmet	Compound Not Detected.					
	37 EPN	Compound Not Detected.					
	38 Azinphos-methyl	Compound Not Detected.					
*	39 TOCP	17.831	17.846	(1.000)	111029	2.00000	
	40 Azinphos-ethyl	Compound Not Detected.					
	41 Coumaphos	Compound Not Detected.					
S	42 Merphos				150	0.00177	0.003546
M	43 Total Demeton	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Lab Smp Id: LF7N81AA
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Calibration Date: 09-JUL-2009
Calibration Time: 22:38
Client Smp ID: BLANK
Level: LOW
Sample Type: WATER
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709091.B\8141A-1.m
Misc Info: IS - GSV0633-09

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	+++++++	++++++++++	++++++++++	+	+++++++
39 TOCP	85100	42550	170200	111029	30.47

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	+++++++	++++++++++	++++++++++	0.0+	+++++++
39 TOCP	17.83	17.33	18.33	17.83	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name:
Sample Matrix: LIQUID
Lab Smp Id: LF7N81AA
Level: LOW
Data Type: GC DATA
SpikeList File: fullDFCwater.spk
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709091.B\8141A-1.m
Misc Info: IS - GSV0633-09

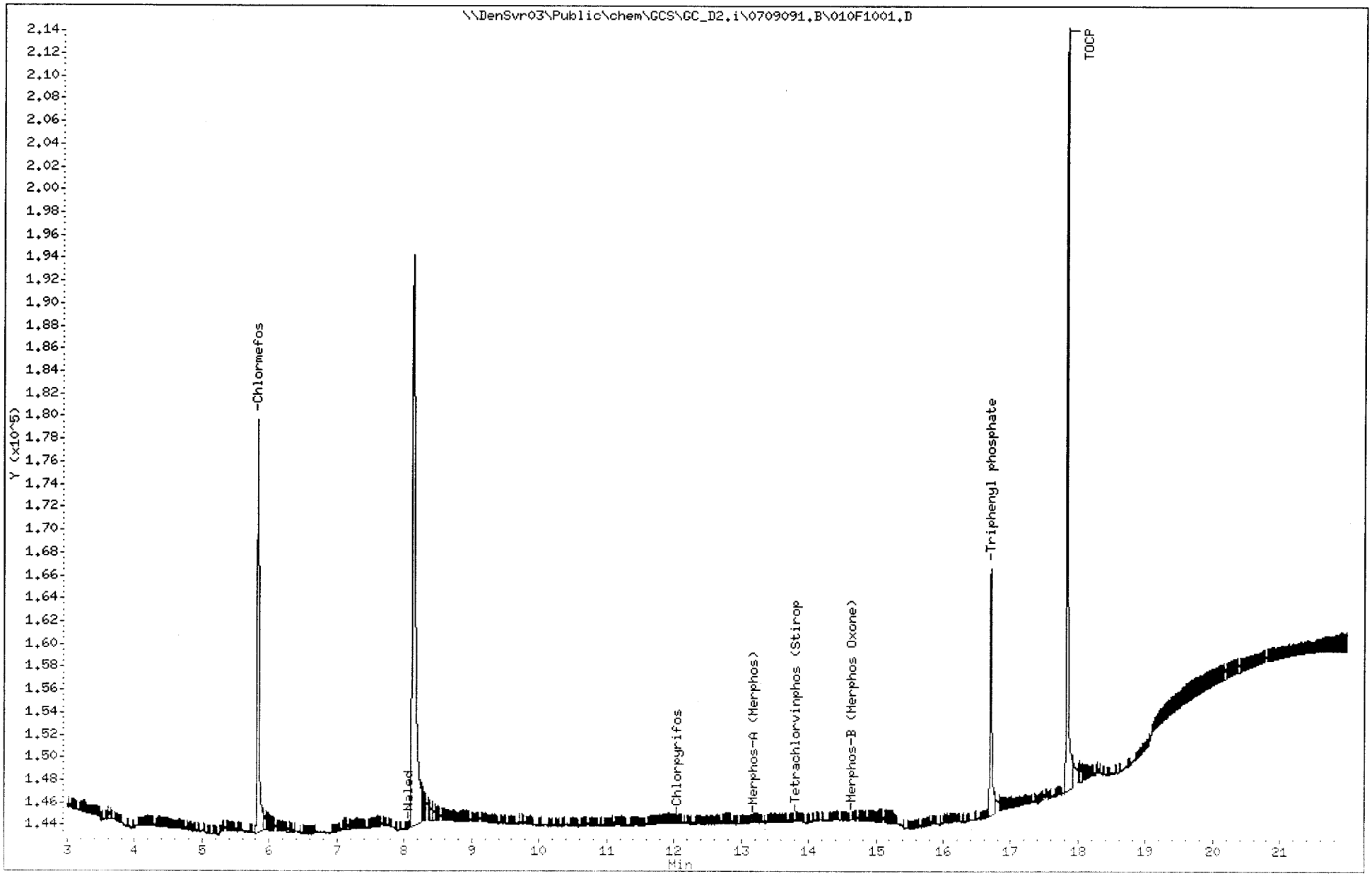
Client SDG: D9G080000
Fraction: SV
Client Smp ID: BLANK
Operator: MPK/TLW
SampleType: BLANK
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 4 Chlormefos	2.000	1.167	58.37	48-114
$ 35 Triphenyl phosphat	2.000	1.580	79.00	50-150

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709091.B\010F1001.D
Date : 10-JUL-2009 01:49
Client ID: BLANK
Sample Info: LF7N81AA,MB

Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

Column phase: RTx-1MS



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0709092.B\010F1001.D
Lab Smp Id: LF7N81AA Client Smp ID: BLANK
Inj Date : 10-JUL-2009 01:49
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LF7N81AA,MB
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0709092.B\8141A-2.m
Meth Date : 10-Jul-2009 12:05 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 10 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Vs	1000.000	Volume of Sample Extracted (mL)
Cpnd Variable		Local Compound Variable

		Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
	1	o,o,o-TEPT	Compound Not Detected.					
	2	Dichlorvos	Compound Not Detected.					
$	3	Chlormefos	7.383	7.384	(0.393)	57389	0.59903	1.198
	4	Mevinphos	Compound Not Detected.					
	5	Demeton-O	Compound Not Detected.					
	6	Thionazin	Compound Not Detected.					
	7	Ethoprop	Compound Not Detected.					
	8	Phorate	Compound Not Detected.					
	9	Naled	10.930	10.939	(0.581)	58	0.27124	0.5425
	10	Sulfotepp	11.008	11.017	(0.585)	56	4e-004	0.0008939(aA)
*	11	Tributylphosphate	11.120	11.116	(1.000)	129386	2.00000	
	12	Simazine	11.392	11.399	(0.606)	97	0.00541	0.01081(aA)
	13	Diazinon	Compound Not Detected.					
	14	Atrazine	11.587	11.584	(0.616)	113	0.23529	0.4706(aA)
	15	Propazine	Compound Not Detected.					
	16	Disulfoton	Compound Not Detected.					
	17	Demeton-S	Compound Not Detected.					
	18	Dimethoate	Compound Not Detected.					
	19	Ronnel	Compound Not Detected.					
	20	Merphos-A (Merphos)	13.708	13.689	(1.233)	168	0.00358	0.007166(aA)
	21	Chlorpyrifos	Compound Not Detected.					
	22	Fenthion	Compound Not Detected.					

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
	23 Trichloronate	14.720	14.711	(0.783)	61	0.10600	0.2120
	24 Anilazine	Compound Not Detected.					
	25 Methyl Parathion	Compound Not Detected.					
	26 Malathion	15.717	15.724	(0.836)	87	0.00153	0.003068(a)
	27 Tokuthion	Compound Not Detected.					
	28 Parathion	16.477	16.494	(0.876)	213	0.00357	0.007141(a)
	29 Merphos-B (Merphos Oxone)	Compound Not Detected.					
	30 Tetrachlorvinphos (stirophos)	Compound Not Detected.					
	31 Carbophenothion methyl	Compound Not Detected.					
	32 Bolstar	Compound Not Detected.					
	33 Carbophenothion	Compound Not Detected.					
$	34 Triphenyl phosphate	18.273	18.281	(0.972)	40722	0.86624	1.732
	35 Fensulfothion	Compound Not Detected.					
*	36 TOCP	18.808	18.816	(1.000)	94229	2.00000	
	37 Phosmet / EPN	Compound Not Detected.					
	38 Famphur	Compound Not Detected.					
	39 Azinphos-methyl	Compound Not Detected.					
	40 Azinphos-ethyl	Compound Not Detected.					
	41 Coumaphos	Compound Not Detected.					
S	42 Merphos	Compound Not Detected.					
M	43 Total Demeton	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Lab Smp Id: LF7N81AA
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709092.B\8141A-2.m
Misc Info:

Calibration Date: 09-JUL-2009
Calibration Time: 22:38
Client Smp ID: BLANK
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	122085	61043	244170	129386	5.98
36 TOCP	70218	35109	140436	94229	34.19

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.12	0.02
36 TOCP	18.81	18.31	19.31	18.81	0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name: Client SDG: D9G080000
Sample Matrix: LIQUID Fraction: SV
Lab Smp Id: LF7N81AA Client Smp ID: BLANK
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: BLANK
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709092.B\8141A-2.m
Misc Info:

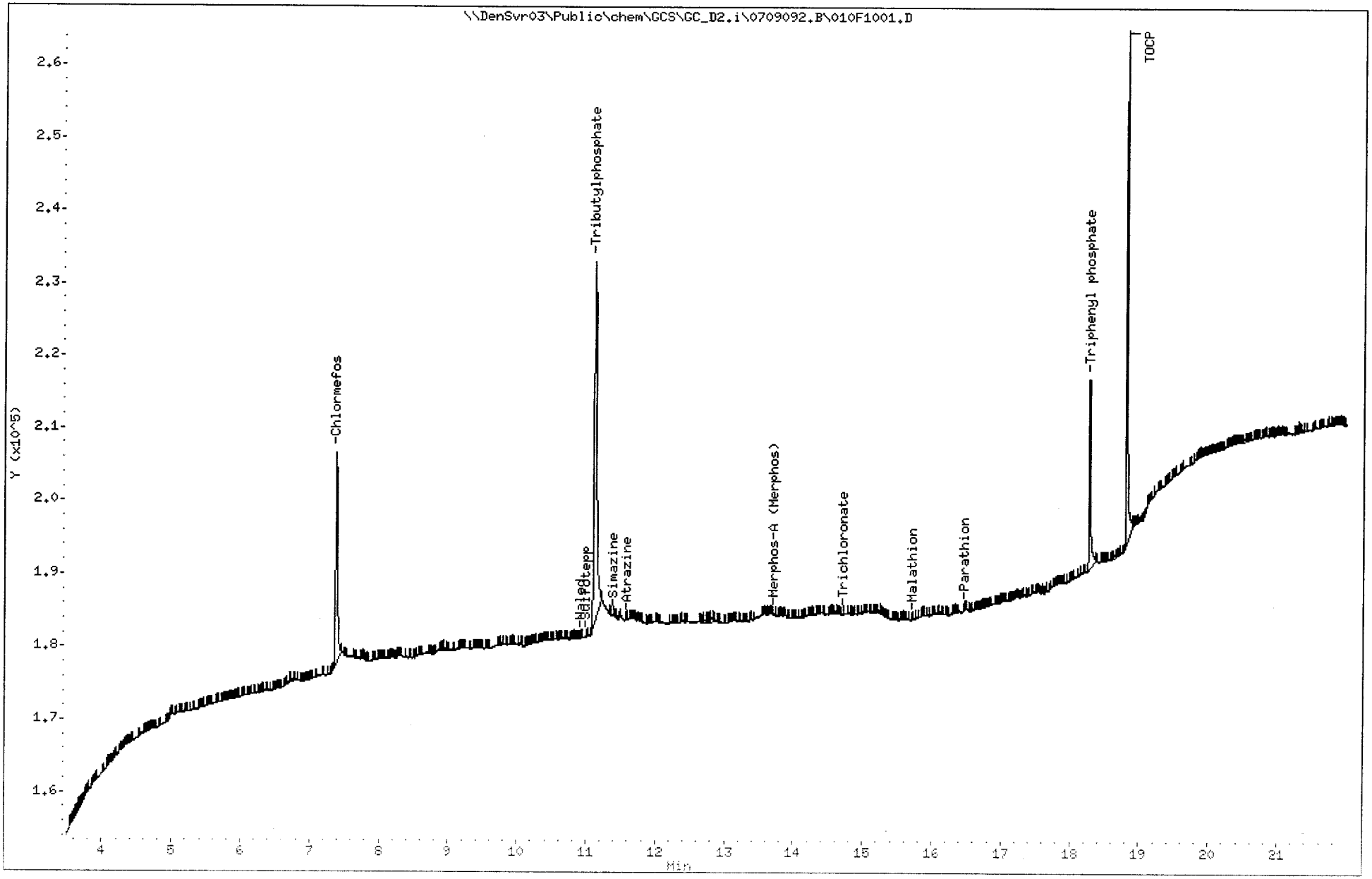
SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 3 Chlormefos	2.000	1.198	59.90	48-114
$ 34 Triphenyl phosphat	2.000	1.732	86.62	50-150

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709092.B\010F1001.D
Date : 10-JUL-2009 01:49
Client ID: BLANK
Sample Info: LF7N81AA,MB

Column phase: RTx-OPPest

Instrument: GC_D2.i

Operator: MPK/TLW
Column diameter: 0.32



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0709091.B\011F1101.D
Lab Smp Id: LF7N81AC Client Smp ID: LCS
Inj Date : 10-JUL-2009 02:17
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LF7N81AC,LCS
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0709091.B\8141A-1.m
Meth Date : 10-Jul-2009 12:00 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 11 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Vs	1000.000	Volume of Sample extracted (mL)
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
1	o,o,o-TEPT	3.257	3.254	(0.183)	245911	1.57364	3.147
2	Dichlorvos	4.076	4.074	(0.229)	174113	1.79427	3.588
3	Mevinphos	5.742	5.739	(0.322)	78261	1.46817	2.936
$ 4	Chlormefos	5.831	5.836	(0.327)	96472	0.79390	1.588
5	Thionazin	7.501	7.507	(0.421)	172726	1.55753	3.115
6	Demeton-O	7.641	7.649	(0.428)	115839	1.09825	2.196
7	Ethoprop	7.844	7.852	(0.440)	161340	1.66019	3.320
8	Naled	8.051	8.057	(0.451)	49075	2.06040	4.121
* 9	Tributylphosphate	Compound Not Detected.					
10	Sulfotepp	8.432	8.442	(0.473)	203172	1.43408	2.868
11	Phorate	8.524	8.532	(0.478)	127162	1.26349	2.527
12	Dimethoate	8.651	8.652	(0.485)	178498	1.52675	3.054
13	Demeton-S	8.842	8.846	(0.496)	11286	0.13312	0.2662
14	Simazine	8.912	8.924	(0.500)	64760	1.67632	3.353
15	Atrazine	9.081	9.094	(0.509)	70842	1.56269	3.125
16	propazine	9.227	9.241	(0.517)	62697	1.49890	2.998
17	Disulfoton	9.857	9.869	(0.553)	102773	1.49404	2.988
18	Diazinon	9.892	9.902	(0.555)	160006	1.48002	2.960
19	Methyl Parathion	10.704	10.717	(0.600)	122843	1.79168	3.583
20	Ronnel	11.229	11.241	(0.630)	106719	1.50578	3.012
21	Malathion	11.789	11.804	(0.661)	92621	1.41810	2.836
22	Fenthion	11.916	11.932	(0.668)	106869	1.53336	3.067

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/L)
	23 Parathion	12.006	12.019	(0.673)	118786	1.60144	3.203
	24 Chlorpyrifos	12.054	12.067	(0.676)	143584	1.59998	3.200
	25 Trichloronate	12.481	12.496	(0.700)	114475	1.42727	2.854
	26 Anilazine	12.801	12.817	(0.718)	13877	2.06430	4.129
	27 Merphos-A (Merphos)	13.174	13.199	(0.739)	208	0.00311	0.006217
	28 Tetrachlorvinphos (Stirophos)	13.804	13.824	(0.774)	76837	1.72766	3.455
	29 Tokuthion	14.429	14.449	(0.809)	122124	1.58837	3.177
	30 Merphos-B (Merphos Oxone)	14.632	14.651	(0.821)	131229	7.27187	14.54(A)
	31 Carbophenothion-methyl	15.217	15.239	(0.853)	95460	1.59111	3.182
	32 Fensulfothion	15.347	15.361	(0.861)	98075	1.58377	3.168
	33 Bolstar / Famphur	16.037	16.053	(0.899)	242639	3.29874	6.597
	34 Carbophenothion	16.179	16.197	(0.907)	121143	1.64168	3.283
S	35 Triphenyl phosphate	16.697	16.712	(0.936)	45449	0.81047	1.621
	36 Phosmet	16.951	16.963	(0.951)	110243	1.74542	3.491
	37 EPN	17.136	17.151	(0.961)	106284	1.76872	3.537
	38 Azinphos-methyl	17.467	17.480	(0.980)	113381	1.68462	3.369
*	39 TOCP	17.832	17.846	(1.000)	110916	2.00000	
	40 Azinphos-ethyl	17.911	17.926	(1.004)	124654	1.63024	3.260
	41 Coumaphos	18.352	18.366	(1.029)	95882	1.76629	3.532
S	42 Merphos				131437	1.55520	3.110
M	43 Total Demeton				127125	1.23137	2.463

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 011F1101.D
Lab Smp Id: LF7N81AC
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Calibration Date: 09-JUL-2009
Calibration Time: 22:38
Client Smp ID: LCS
Level: LOW
Sample Type: WATER
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709091.B\8141A-1.m
Misc Info: IS - GSV0633-09

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	+++++++	++++++++++	++++++++++	+	+++++++
39 TOCP	85100	42550	170200	110916	30.34

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	+++++++	++++++++++	++++++++++	0.0+	+++++++
39 TOCP	17.83	17.33	18.33	17.83	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name: Client SDG: D9G080000
Sample Matrix: LIQUID Fraction: SV
Lab Smp Id: LF7N81AC Client Smp ID: LCS
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: LCS
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709091.B\8141A-1.m
Misc Info: IS - GSV0633-09

	SPIKE	COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
	1	o,o,o-TEPT	4.000	3.147	78.68	36-119
	2	Dichlorvos	4.000	3.588	89.71	50-120
	3	Mevinphos	4.000	2.936	73.41	35-108
$	4	Chlormefos	2.000	1.588	79.39	48-114
	5	Thionazin	4.000	3.115	77.88	65-116
	7	Ethoprop	4.000	3.320	83.01	65-108
	8	Naled	4.000	4.121	103.02	36-119
	10	Sulfotepp	4.000	2.868	71.70	69-103
	11	Phorate	4.000	2.527	63.17	62-104
	12	Dimethoate	4.000	3.054	76.34	28-115
	14	Simazine	4.000	3.353	83.82	47-109
	15	Atrazine	4.000	3.125	78.13	36-119
	16	propazine	4.000	2.998	74.94	36-119
	17	Disulfoton	4.000	2.988	74.70	36-119
	18	Diazinon	4.000	2.960	74.00	36-119
	19	Methyl Parathion	4.000	3.583	89.58	68-119
	20	Ronnel	4.000	3.012	75.29	62-115
	21	Malathion	4.000	2.836	70.91	67-115
	22	Fenthion	4.000	3.067	76.67	36-119
	23	Parathion	4.000	3.203	80.07	36-119
	24	Chlorpyrifos	4.000	3.200	80.00	36-119
	25	Trichloronate	4.000	2.854	71.36	36-119
	26	Anilazine	4.000	4.129	103.22	47-115
	28	Tetrachlorvinphos	4.000	3.455	86.38	36-119
	29	Tokuthion	4.000	3.177	79.42	36-119
	31	Carbophenothion-me	4.000	3.182	79.56	36-119
	32	Fensulfothion	4.000	3.168	79.19	61-115
	33	Bolstar / Famphur	8.000	6.597	82.47	36-119
	34	Carbophenothion	4.000	3.283	82.08	36-119
$	35	Triphenyl phosphat	2.000	1.621	81.05	50-150
	36	Phosmet	4.000	3.491	87.27	36-119
	37	EPN	4.000	3.537	88.44	36-119
	38	Azinphos-methyl	4.000	3.369	84.23	55-115
	40	Azinphos-ethyl	4.000	3.260	81.51	36-119
	41	Coumaphos	4.000	3.532	88.31	62-115
S	42	Merphos	4.000	3.110	77.76	36-119
M	43	Total Demeton	4.000	2.463	61.57	47-115

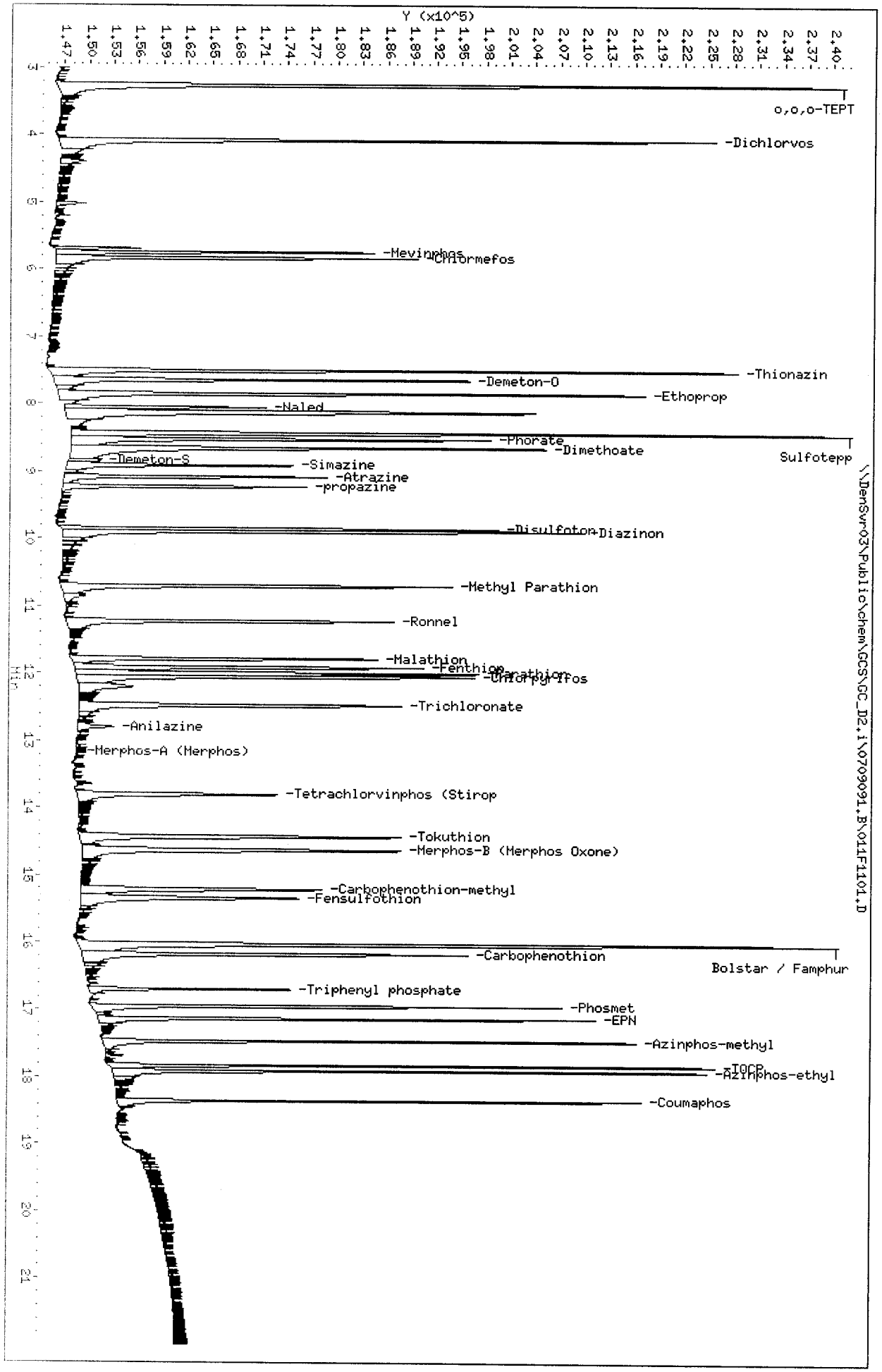
TestAmerica

RECOVERY REPORT

Client Name:
Sample Matrix: LIQUID
Lab Smp Id: LF7N81AC
Level: LOW
Data Type: GC DATA
SpikeList File: fullDFCwater.spk
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Client SDG: D9G080000
Fraction: SV
Client Smp ID: LCS
Operator: MPK/TLW
SampleType: LCS
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 4 Chlormefos	2.000	1.588	79.39	48-114
$ 35 Triphenyl phosphat	2.000	1.621	81.05	50-150



Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709091.B\011F1101.D
Date : 10-JUL-2009 02:17
Client ID: LCS
Sample Info: LF7N81AC,LCS
Column phase: RTx-1MS

Instrument: GC_D2.i
Operator: HPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0709092.B\011F1101.D
Lab Smp Id: LF7N81AC Client Smp ID: LCS
Inj Date : 10-JUL-2009 02:17
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LF7N81AC,LCS
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0709092.B\8141A-2.m
Meth Date : 10-Jul-2009 12:05 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 11 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Vs	1000.000	Volume of Sample Extracted (mL)
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
1	o,o,o-TEPT	4.731	4.731	(0.252)	190226	1.57361	3.147
2	Dichlorvos	6.548	6.546	(0.348)	149285	1.58156	3.163
S 3	Chlormefos	7.383	7.384	(0.393)	65942	0.69398	1.388
4	Mevinphos	9.234	9.234	(0.491)	105195	1.65443	3.309
5	Demeton-O	9.733	9.734	(0.517)	84648	1.39710	2.794
6	Thionazin	9.983	9.984	(0.531)	142508	1.49875	2.997
7	Ethoprop	10.498	10.499	(0.558)	115816	1.63008	3.260
8	Phorate	10.534	10.539	(0.560)	107481	1.30452	2.609
9	Naled	10.938	10.939	(0.582)	42266	2.11160	4.223
10	Sulfotepp	11.013	11.017	(0.586)	178480	1.43629	2.872(A)
* 11	Tributylphosphate	11.118	11.116	(1.000)	170226	2.00000	
12	Simazine	11.396	11.399	(0.606)	38624	2.17018	4.340(A)
13	Diazinon	11.536	11.541	(0.613)	103647	1.56464	3.129
14	Atrazine	11.578	11.584	(0.616)	54617	1.63391	3.268(A)
15	Propazine	11.741	11.747	(0.624)	45678	1.49465	2.989
16	Disulfoton	12.044	12.049	(0.640)	97586	1.48911	2.978
17	Demeton-S	Compound Not Detected.					
18	Dimethoate	13.276	13.282	(0.706)	121496	1.38330	2.766
19	Ronnel	13.581	13.587	(0.722)	102935	1.74116	3.482
20	Merphos-A (Merphos)	13.704	13.689	(1.233)	3485	0.05650	0.1130(aA)
21	Chlorpyrifos	14.401	14.409	(0.766)	87312	1.45610	2.912
22	Fenthion	14.653	14.662	(0.779)	84434	1.51817	3.036

		Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
	23	Trichloronate	14.699	14.711	(0.782)	107417	1.42739	2.855
	24	Anilazine	15.204	15.216	(0.808)	10967	2.13649	4.273
	25	Methyl Parathion	15.509	15.519	(0.825)	116127	1.93409	3.868
	26	Malathion	15.716	15.724	(0.836)	90228	1.60412	3.208
	27	Tokuthion	16.336	16.344	(0.869)	99587	1.51216	3.024
	28	Parathion	16.486	16.494	(0.877)	90136	1.52349	3.047
	29	Merphos-B (Merphos Oxone)	16.513	16.517	(1.485)	125795	6.72046	13.44(A)
	30	Tetrachlorvinphos (stirophos)	16.968	16.977	(0.902)	71565	1.86990	3.740
	31	Carbophenothion methyl	17.073	17.082	(0.908)	91652	1.67076	3.342
	32	Bolstar	17.433	17.440	(0.927)	96257	1.66582	3.332
	33	Carbophenothion	17.516	17.524	(0.931)	101909	1.79354	3.587(A)
$	34	Triphenyl phosphate	18.273	18.281	(0.972)	44423	0.95275	1.905
	35	Fensulfothion	18.551	18.559	(0.986)	70223	1.64029	3.280
*	36	TOCP	18.808	18.816	(1.000)	93459	2.00000	
	37	Phosmet / EPN	18.901	18.909	(1.005)	167408	3.47880	6.958
	38	Famphur	19.001	19.011	(1.010)	92483	1.50873	3.017
	39	Azinphos-methyl	19.138	19.147	(1.018)	92007	1.64079	3.282
	40	Azinphos-ethyl	19.356	19.366	(1.029)	88413	1.65550	3.311
	41	Coumaphos	20.334	20.347	(1.081)	72482	1.76520	3.530
S	42	Merphos				129280	1.65979	3.320
M	43	Total Demeton				84648	1.39710	2.794

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 011F1101.D
Lab Smp Id: LF7N81AC
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709092.B\8141A-2.m
Misc Info:

Calibration Date: 09-JUL-2009
Calibration Time: 22:38
Client Smp ID: LCS
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	122085	61043	244170	170226	39.43
36 TOCP	70218	35109	140436	93459	33.10

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.12	0.00
36 TOCP	18.81	18.31	19.31	18.81	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name: Client SDG: D9G080000
Sample Matrix: LIQUID Fraction: SV
Lab Smp Id: LF7N81AC Client Smp ID: LCS
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: LCS
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709092.B\8141A-2.m
Misc Info:

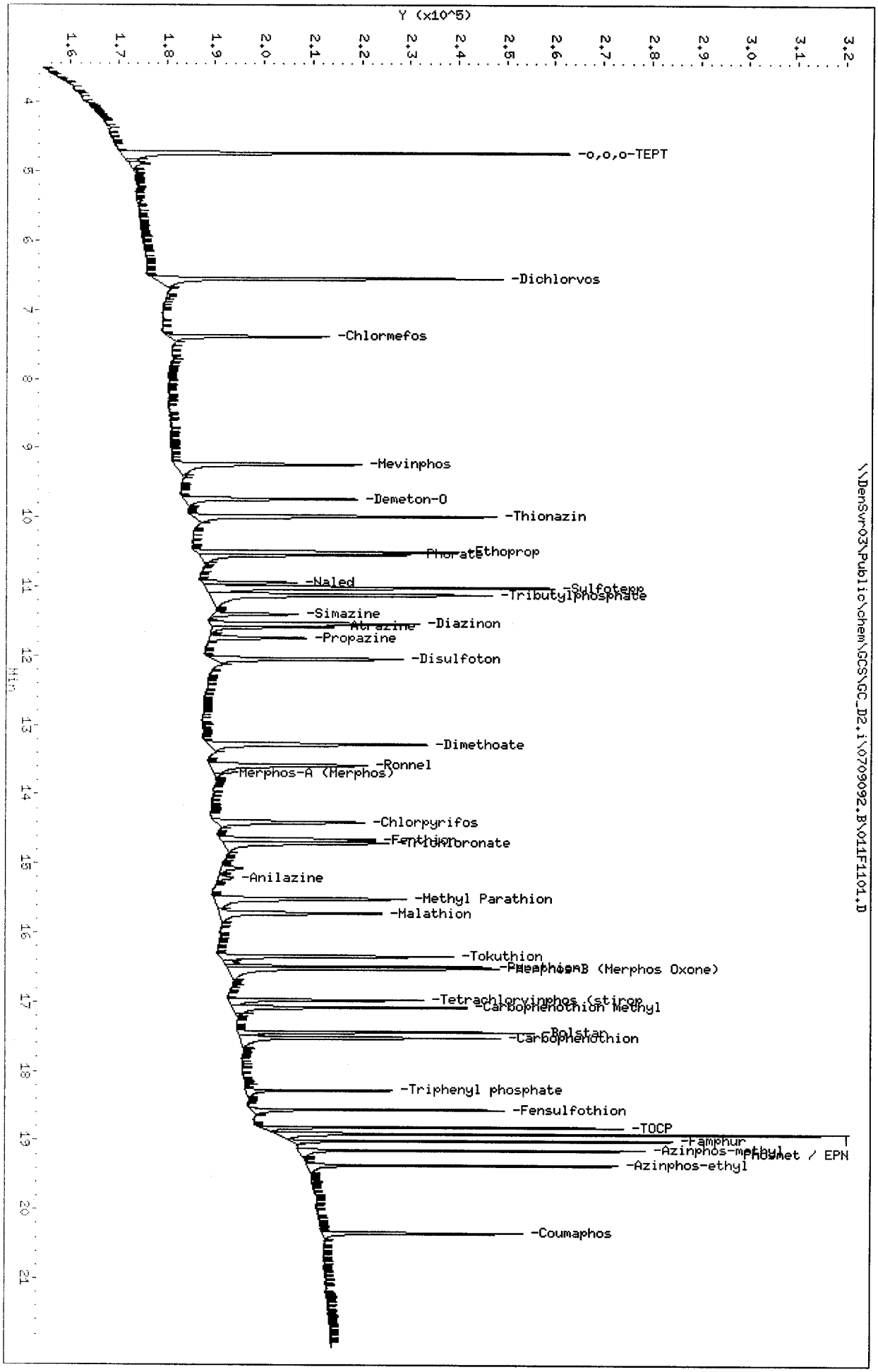
	SPIKE	COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
	1	o,o,o-TEPT	4.000	3.147	78.68	36-119
	2	Dichlorvos	4.000	3.163	79.08	50-120
$	3	Chlormefos	2.000	1.388	69.40	58-114
	4	Mevinphos	4.000	3.309	82.72	35-108
	5	Demeton-O	2.800	2.794	99.79	36-119
	6	Thionazin	4.000	2.997	74.94	65-116
	7	Ethoprop	4.000	3.260	81.50	36-119
	8	Phorate	4.000	2.609	65.23	36-119
	9	Naled	4.000	4.223	105.58	36-119
	10	Sulfotepp	4.000	2.872	71.81	36-119
	12	Simazine	4.000	4.340	108.51	36-119
	13	Diazinon	4.000	3.129	78.23	36-119
	14	Atrazine	4.000	3.268	81.70	36-119
	15	Propazine	4.000	2.989	74.73	36-119
	16	Disulfoton	4.000	2.978	74.46	61-103
	17	Demeton-S	1.200	0.0000	*	36-119
	18	Dimethoate	4.000	2.766	69.16	28-82
	19	Ronnel	4.000	3.482	87.06	62-99
	21	Chlorpyrifos	4.000	2.912	72.81	66-101
	22	Fenthion	4.000	3.036	75.91	36-119
	23	Trichloronate	4.000	2.855	71.37	36-119
	24	Anilazine	4.000	4.273	106.82	36-119
	25	Methyl Parathion	4.000	3.868	96.70	36-119
	26	Malathion	4.000	3.208	80.21	36-119
	27	Tokuthion	4.000	3.024	75.61	36-119
	28	Parathion	4.000	3.047	76.17	36-119
	30	Tetrachlorvinphos	4.000	3.740	93.49	36-119
	31	Carbophenothion me	4.000	3.342	83.54	36-119
	32	Bolstar	4.000	3.332	83.29	36-119
	33	Carbophenothion	4.000	3.587	89.68	36-119
$	34	Triphenyl phosphat	2.000	1.905	95.27	36-119
	35	Fensulfothion	4.000	3.280	82.01	20-105
	37	Phosmet / EPN	8.000	6.958	86.97	36-119
	38	Famphur	4.000	3.017	75.44	61-108
	39	Azinphos-methyl	4.000	3.282	82.04	55-103
	40	Azinphos-ethyl	4.000	3.311	82.78	36-119
	41	Coumaphos	4.000	3.530	88.26	36-119
S	42	Merphos	4.000	3.320	82.99	36-119
M	43	Total Demeton	4.000	2.794	69.85	47-100

TestAmerica

RECOVERY REPORT

Client Name: Client SDG: D9G080000
Sample Matrix: LIQUID Fraction: SV
Lab Smp Id: LF7N81AC Client Smp ID: LCS
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: LCS
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709092.B\8141A-2.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 3 Chlormefos	2.000	1.388	69.40	48-114
$ 34 Triphenyl phosphat	2.000	1.905	95.27	50-150



Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709092.B\011F1101.D
Date : 10-JUL-2009 02:17
Client ID: LCS
Sample Info: LF7N81AC.LCS
Column phase: RTx-OPPest

Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0709091.B\012F1201.D
Lab Smp Id: LF7N81AD Client Smp ID: LCSD
Inj Date : 10-JUL-2009 02:44
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LF7N81AD,LCSD
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0709091.B\8141A-1.m
Meth Date : 10-Jul-2009 12:00 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 12 QC Sample: LCSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Vs	1000.000	Volume of Sample extracted (mL)
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
1	o,o,o-TEPT	3.257	3.254	(0.183)	211916	1.44589	2.892
2	Dichlorvos	4.077	4.074	(0.229)	151071	1.65990	3.320
3	Mevinphos	5.742	5.739	(0.322)	69487	1.38989	2.780
S 4	Chlormefos	5.830	5.836	(0.327)	88408	0.77571	1.551
5	Thionazin	7.500	7.507	(0.421)	155896	1.49885	2.998
6	Demeton-O	7.640	7.649	(0.428)	107488	1.08627	2.172
7	Ethoprop	7.845	7.852	(0.440)	144457	1.58489	3.170
8	Naled	8.052	8.057	(0.452)	41837	1.89036	3.781
* 9	Tributylphosphate	Compound Not Detected.					
10	Sulfotepp	8.430	8.442	(0.473)	183827	1.38100	2.762
11	Phorate	8.522	8.532	(0.478)	112190	1.18854	2.377(R)
12	Dimethoate	8.650	8.652	(0.485)	165194	1.50651	3.013
13	Demeton-S	8.847	8.846	(0.496)	10378	0.13052	0.2610
14	Simazine	8.912	8.924	(0.500)	59033	1.63149	3.263
15	Atrazine	9.082	9.094	(0.509)	63589	1.49558	2.991
16	propazine	9.227	9.241	(0.517)	57162	1.45706	2.914
17	Disulfoton	9.857	9.869	(0.553)	92950	1.43933	2.879
18	Diazinon	9.892	9.902	(0.555)	146861	1.44837	2.897
19	Methyl Parathion	10.705	10.717	(0.600)	107980	1.67918	3.358
20	Ronnel	11.228	11.241	(0.630)	92598	1.39304	2.786
21	Malathion	11.788	11.804	(0.661)	82851	1.35060	2.701
22	Fenthion	11.917	11.932	(0.668)	93851	1.43573	2.871

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
	23 Parathion	12.003	12.019	(0.673)	105056	1.51011	3.020
	24 Chlorpyrifos	12.053	12.067	(0.676)	126281	1.50034	3.001
	25 Trichloronate	12.478	12.496	(0.700)	102043	1.35651	2.713
	26 Anilazine	12.800	12.817	(0.718)	11861	1.90688	3.814
	27 Merphos-A (Merphos)	13.190	13.199	(0.740)	236	0.00376	0.007520
	28 Tetrachlorvinphos (Stirophos)	13.803	13.824	(0.774)	65623	1.57321	3.146
	29 Tokuthion	14.428	14.449	(0.809)	103815	1.43964	2.879
	30 Merphos-B (Merphos Oxone)	14.628	14.651	(0.820)	110319	6.52011	13.04(A)
	31 Carbophenothion-methyl	15.215	15.239	(0.853)	84219	1.49272	2.985
	32 Fensulfothion	15.345	15.361	(0.861)	96412	1.65545	3.311
	33 Bolstar / Famphur	16.035	16.053	(0.899)	209963	3.04350	6.087
	34 Carbophenothion	16.180	16.197	(0.907)	103824	1.50014	3.000
S	35 Triphenyl phosphate	16.698	16.712	(0.936)	39933	0.75926	1.518
	36 Phosmet	16.950	16.963	(0.951)	96098	1.62221	3.244
	37 EPN	17.135	17.151	(0.961)	91097	1.62059	3.241
	38 Azinphos-methyl	17.465	17.480	(0.979)	96344	1.52626	3.052
*	39 TOCP	17.832	17.846	(1.000)	104028	2.00000	
	40 Azinphos-ethyl	17.912	17.926	(1.004)	106533	1.47234	2.945
	41 Coumaphos	18.352	18.366	(1.029)	80585	1.58279	3.166
S	42 Merphos				110555	1.39474	2.789
M	43 Total Demeton				117866	1.21679	2.434

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 012F1201.D
Lab Smp Id: LF7N81AD
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Calibration Date: 09-JUL-2009
Calibration Time: 22:38
Client Smp ID: LCSD
Level: LOW
Sample Type: WATER
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709091.B\8141A-1.m
Misc Info: IS - GSV0633-09

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	+++++++	++++++++++	++++++++++	+	+++++++
39 TOCP	85100	42550	170200	104028	22.24

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	+++++++	++++++++++	++++++++++	0.0+	+++++++
39 TOCP	17.83	17.33	18.33	17.83	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name: Client SDG: D9G080000
Sample Matrix: LIQUID Fraction: SV
Lab Smp Id: LF7N81AD Client Smp ID: LCSD
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: LCSD
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709091.B\8141A-1.m
Misc Info: IS - GSV0633-09

	SPIKE	COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
	1	o,o,o-TEPT	4.000	2.892	72.29	36-119
	2	Dichlorvos	4.000	3.320	82.99	50-120
	3	Mevinphos	4.000	2.780	69.49	35-108
$	4	Chlormefos	2.000	1.551	77.57	48-114
	5	Thionazin	4.000	2.998	74.94	65-116
	7	Ethoprop	4.000	3.170	79.24	65-108
	8	Naled	4.000	3.781	94.52	36-119
	10	Sulfotepp	4.000	2.762	69.05	69-103
	11	Phorate	4.000	2.377	59.43*	62-104
	12	Dimethoate	4.000	3.013	75.33	28-115
	14	Simazine	4.000	3.263	81.57	47-109
	15	Atrazine	4.000	2.991	74.78	36-119
	16	propazine	4.000	2.914	72.85	36-119
	17	Disulfoton	4.000	2.879	71.97	36-119
	18	Diazinon	4.000	2.897	72.42	36-119
	19	Methyl Parathion	4.000	3.358	83.96	68-119
	20	Ronnel	4.000	2.786	69.65	62-115
	21	Malathion	4.000	2.701	67.53	67-115
	22	Fenthion	4.000	2.871	71.79	36-119
	23	Parathion	4.000	3.020	75.51	36-119
	24	Chlorpyrifos	4.000	3.001	75.02	36-119
	25	Trichloronate	4.000	2.713	67.83	36-119
	26	Anilazine	4.000	3.814	95.34	47-115
	28	Tetrachlorvinphos	4.000	3.146	78.66	36-119
	29	Tokuthion	4.000	2.879	71.98	36-119
	31	Carbophenothion-me	4.000	2.985	74.64	36-119
	32	Fensulfothion	4.000	3.311	82.77	61-115
	33	Bolstar / Famphur	8.000	6.087	76.09	36-119
	34	Carbophenothion	4.000	3.000	75.01	36-119
$	35	Triphenyl phosphat	2.000	1.518	75.93	50-150
	36	Phosmet	4.000	3.244	81.11	36-119
	37	EPN	4.000	3.241	81.03	36-119
	38	Azinphos-methyl	4.000	3.052	76.31	55-115
	40	Azinphos-ethyl	4.000	2.945	73.62	36-119
	41	Coumaphos	4.000	3.166	79.14	62-115
S	42	Merphos	4.000	2.789	69.74	36-119
M	43	Total Demeton	4.000	2.434	60.84	47-115

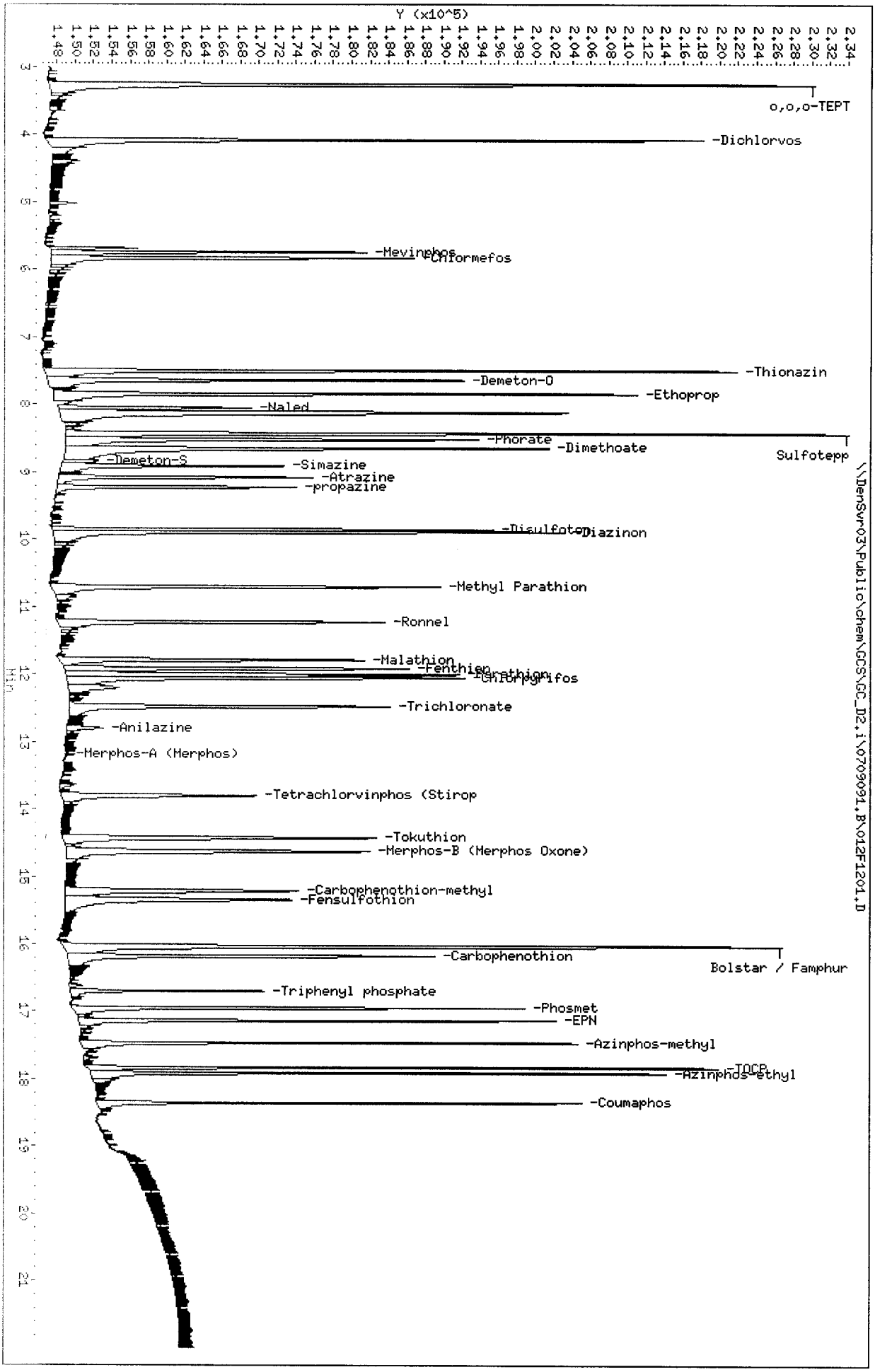
TestAmerica

RECOVERY REPORT

Client Name:
Sample Matrix: LIQUID
Lab Smp Id: LF7N81AD
Level: LOW
Data Type: GC DATA
SpikeList File: fullDFCwater.spk
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Client SDG: D9G080000
Fraction: SV
Client Smp ID: LCSD
Operator: MPK/TLW
SampleType: LCSD
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 4 Chlormefos	2.000	1.551	77.57	48-114
$ 35 Triphenyl phosphat	2.000	1.518	75.93	50-150



Data File: \\DenSvr03\Public\chem\GCS\GC_D2,i\0709091,B\012F1201,D
Date : 10-JUL-2009 02:44
Client ID: LCSD
Sample Info: LF7N81AD,LCSD
Column phase: RTx-1HS
Instrument: GC_D2,i
Operator: MPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0709092.B\012F1201.D
Lab Smp Id: LF7N81AD Client Smp ID: LCSD
Inj Date : 10-JUL-2009 02:44
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LF7N81AD,LCSD
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0709092.B\8141A-2.m
Meth Date : 10-Jul-2009 12:05 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 12 QC Sample: LCSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Vs	1000.000	Volume of Sample Extracted (mL)
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
1	o,o,o-TEPT	4.730	4.731	(0.252)	169727	1.45219	2.904
2	Dichlorvos	6.547	6.546	(0.348)	139320	1.52661	3.053
$ 3	Chlormefos	7.382	7.384	(0.392)	58757	0.63957	1.279
4	Mevinphos	9.234	9.234	(0.491)	91941	1.49558	2.991
5	Demeton-O	9.732	9.734	(0.517)	68023	1.16121	2.322
6	Thionazin	9.982	9.984	(0.531)	122237	1.32965	2.659
7	Ethoprop	10.497	10.499	(0.558)	104742	1.52477	3.050
8	Phorate	10.532	10.539	(0.560)	100156	1.25731	2.515
9	Naled	10.937	10.939	(0.581)	33903	1.79766	3.595
10	Sulfotepp	11.012	11.017	(0.585)	151456	1.26062	2.521(A)
* 11	Tributylphosphate	11.117	11.116	(1.000)	136734	2.00000	
12	Simazine	11.395	11.399	(0.606)	33292	1.93474	3.869(A)
13	Diazinon	11.535	11.541	(0.613)	93755	1.46573	2.931
14	Atrazine	11.577	11.584	(0.616)	51656	1.60339	3.207(A)
15	Propazine	11.740	11.747	(0.624)	43077	1.45932	2.919
16	Disulfoton	12.042	12.049	(0.640)	89569	1.41365	2.827
17	Demeton-S	12.114	12.124	(0.644)	1002	0.13163	0.2632(R)
18	Dimethoate	13.274	13.282	(0.706)	114210	1.34494	2.690
19	Ronnel	13.580	13.587	(0.722)	75589	1.32245	2.645
20	Merphos-A (Merphos)	13.720	13.689	(1.234)	110	0.00222	0.004440(aA)
21	Chlorpyrifos	14.399	14.409	(0.766)	86537	1.49267	2.985
22	Fenthion	14.650	14.662	(0.779)	73088	1.35924	2.718

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
	23 Trichloronate	14.699	14.711	(0.781)	99803	1.37581	2.752
	24 Anilazine	15.205	15.216	(0.808)	7665	1.54412	3.088
	25 Methyl Parathion	15.509	15.519	(0.825)	96704	1.66584	3.332
	26 Malathion	15.715	15.724	(0.836)	67131	1.23442	2.469
	27 Tokuthion	16.335	16.344	(0.869)	82831	1.30087	2.602
	28 Parathion	16.487	16.494	(0.877)	75251	1.31552	2.631
	29 Merphos-B (Merphos Oxone)	16.512	16.517	(1.485)	104715	6.96831	13.94(A)
	30 Tetrachlorvinphos (stirophos)	16.969	16.977	(0.902)	60009	1.62173	3.243
	31 Carbophenothion methyl	17.074	17.082	(0.908)	71133	1.34118	2.682
	32 Bolstar	17.432	17.440	(0.927)	83487	1.49438	2.989
	33 Carbophenothion	17.515	17.524	(0.931)	100681	1.83270	3.665(A)
S	34 Triphenyl phosphate	18.272	18.281	(0.971)	33285	0.73835	1.477
	35 Fensulfothion	18.550	18.559	(0.986)	69118	1.66985	3.340
*	36 TOCP	18.809	18.816	(1.000)	90360	2.00000	
	37 Phosmet / EPN	18.900	18.909	(1.005)	149372	3.20388	6.408
	38 Famphur	19.002	19.011	(1.010)	83853	1.41486	2.830
	39 Azinphos-methyl	19.137	19.147	(1.017)	78976	1.45670	2.913
	40 Azinphos-ethyl	19.355	19.366	(1.029)	70651	1.36829	2.736
	41 Coumaphos	20.334	20.347	(1.081)	58307	1.46869	2.937
S	42 Merphos				104825	1.39197	2.784
M	43 Total Demeton				69025	1.29284	2.586

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 012F1201.D
Lab Smp Id: LF7N81AD
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709092.B\8141A-2.m
Misc Info:

Calibration Date: 09-JUL-2009
Calibration Time: 22:38
Client Smp ID: LCSD
Level: LOW
Sample Type: WATER

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
11 Tributylphosphate	122085	61043	244170	136734	12.00
36 TOCP	70218	35109	140436	90360	28.68

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.12	-0.00
36 TOCP	18.81	18.31	19.31	18.81	0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name: Client SDG: D9G080000
Sample Matrix: LIQUID Fraction: SV
Lab Smp Id: LF7N81AD Client Smp ID: LCSD
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: LCSD
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709092.B\8141A-2.m
Misc Info:

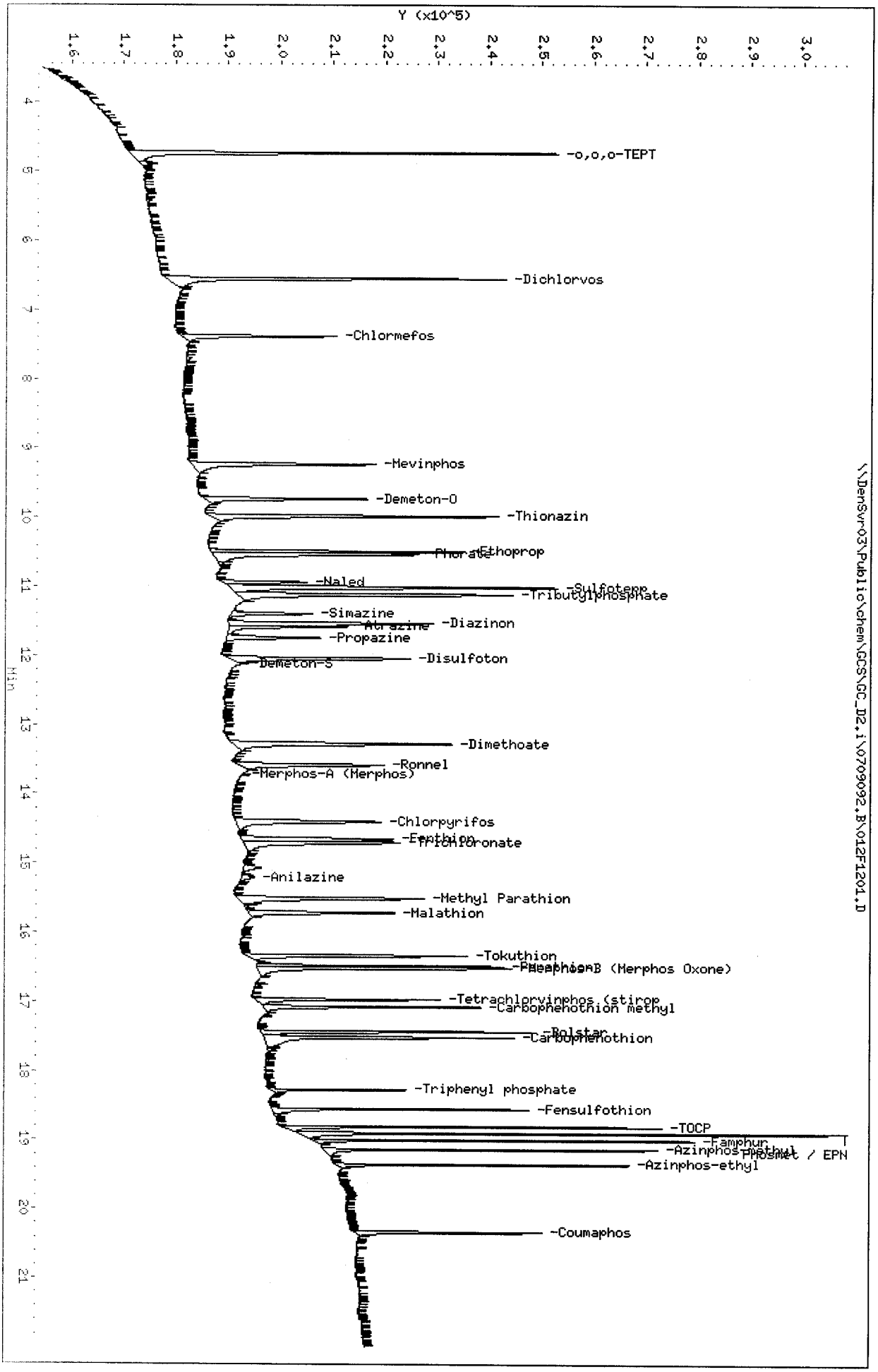
	SPIKE	COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
	1	o,o,o-TEPT	4.000	2.904	72.61	36-119
	2	Dichlorvos	4.000	3.053	76.33	50-120
$	3	Chlormefos	2.000	1.279	63.96	58-114
	4	Mevinphos	4.000	2.991	74.78	35-108
	5	Demeton-O	2.800	2.322	82.94	36-119
	6	Thionazin	4.000	2.659	66.48	65-116
	7	Ethoprop	4.000	3.050	76.24	36-119
	8	Phorate	4.000	2.515	62.87	36-119
	9	Naled	4.000	3.595	89.88	36-119
	10	Sulfotepp	4.000	2.521	63.03	36-119
	12	Simazine	4.000	3.869	96.74	36-119
	13	Diazinon	4.000	2.931	73.29	36-119
	14	Atrazine	4.000	3.207	80.17	36-119
	15	Propazine	4.000	2.919	72.97	36-119
	16	Disulfoton	4.000	2.827	70.68	61-103
	17	Demeton-S	1.200	0.2632	21.94*	36-119
	18	Dimethoate	4.000	2.690	67.25	28-82
	19	Ronnel	4.000	2.645	66.12	62-99
	21	Chlorpyrifos	4.000	2.985	74.63	66-101
	22	Fenthion	4.000	2.718	67.96	36-119
	23	Trichloronate	4.000	2.752	68.79	36-119
	24	Anilazine	4.000	3.088	77.21	36-119
	25	Methyl Parathion	4.000	3.332	83.29	36-119
	26	Malathion	4.000	2.469	61.72	36-119
	27	Tokuthion	4.000	2.602	65.04	36-119
	28	Parathion	4.000	2.631	65.78	36-119
	30	Tetrachlorvinphos	4.000	3.243	81.09	36-119
	31	Carbophenothion me	4.000	2.682	67.06	36-119
	32	Bolstar	4.000	2.989	74.72	36-119
	33	Carbophenothion	4.000	3.665	91.64	36-119
$	34	Triphenyl phosphat	2.000	1.477	73.84	36-119
	35	Fensulfothion	4.000	3.340	83.49	20-105
	37	Phosmet / EPN	8.000	6.408	80.10	36-119
	38	Famphur	4.000	2.830	70.74	61-108
	39	Azinphos-methyl	4.000	2.913	72.84	55-103
	40	Azinphos-ethyl	4.000	2.736	68.41	36-119
	41	Coumaphos	4.000	2.937	73.43	36-119
S	42	Merphos	4.000	2.784	69.60	36-119
M	43	Total Demeton	4.000	2.586	64.64	47-100

TestAmerica

RECOVERY REPORT

Client Name: Client SDG: D9G080000
Sample Matrix: LIQUID Fraction: SV
Lab Smp Id: LF7N81AD Client Smp ID: LCSD
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: LCSD
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709092.B\8141A-2.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 3 Chlormefos	2.000	1.279	63.96	48-114
$ 34 Triphenyl phosphat	2.000	1.477	73.84	50-150



Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709092.B\012F1201.D
Date : 10-JUL-2009 02:44
Client ID: LCSD
Sample Info: LF7N81AD,LCSD
Column phase: RTx-OPPest

Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

\\DenSvr03\Public\chem\GCS\GC_D2.i\0709092.B\012F1201.D

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0709091.B\013F1301.D
Lab Smp Id: LFQ0D2AA Client Smp ID: EB062609-SO
Inj Date : 10-JUL-2009 03:11
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LFQ0D2AA,150-1
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0709091.B\8141A-1.m
Meth Date : 10-Jul-2009 12:00 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Vs	1057.000	Volume of Sample extracted (mL)
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
1	o,o,o-TEPT	Compound Not Detected.					
2	Dichlorvos	Compound Not Detected.					
3	Mevinphos	Compound Not Detected.					
$ 4	Chlormefos	5.830	5.836	(0.327)	66177	0.52594	0.9952
5	Thionazin	Compound Not Detected.					
6	Demeton-O	Compound Not Detected.					
7	Ethoprop	Compound Not Detected.					
8	Naled	8.065	8.057	(0.452)	66	0.19507	0.3691 not a peak
* 9	Tributylphosphate	Compound Not Detected.					
10	Sulfotepp	Compound Not Detected.					
11	Phorate	Compound Not Detected.					
12	Dimethoate	Compound Not Detected.					
13	Demeton-S	Compound Not Detected.					
14	Simazine	Compound Not Detected.					
15	Atrazine	Compound Not Detected.					
16	propazine	Compound Not Detected.					
17	Disulfoton	Compound Not Detected.					
18	Diazinon	Compound Not Detected.					
19	Methyl Parathion	Compound Not Detected.					
20	Ronnel	Compound Not Detected.					
21	Malathion	Compound Not Detected.					
22	Fenthion	Compound Not Detected.					

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
23	Parathion	Compound Not Detected.					
24	Chlorpyrifos	12.056	12.067	(0.676)	168	0.00181	0.003421(a)
25	Trichloronate	Compound Not Detected.					
26	Anilazine	Compound Not Detected.					
27	Merphos-A (Merphos)	13.196	13.199	(0.740)	109	0.00157	0.002976
28	Tetrachlorvinphos (Stirophos)	13.836	13.824	(0.776)	86	0.00187	0.003533
29	Tokuthion	Compound Not Detected.					
30	Merphos-B (Merphos Oxone)	14.636	14.651	(0.821)	191	0.03108	0.05880
31	Carbophenothion-methyl	Compound Not Detected.					
32	Fensulfothion	Compound Not Detected.					
33	Bolstar / Famphur	Compound Not Detected.					
34	Carbophenothion	Compound Not Detected.					
35	Triphenyl phosphate	16.700	16.712	(0.937)	39788	0.68522	1.296
36	Phosmet	Compound Not Detected.					
37	EPN	Compound Not Detected.					
38	Azinphos-methyl	Compound Not Detected.					
39	TOCP	17.831	17.846	(1.000)	114850	2.00000	
40	Azinphos-ethyl	Compound Not Detected.					
41	Coumaphos	Compound Not Detected.					
42	Merphos				300	0.00343	0.006486
43	Total Demeton	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 013F1301.D
Lab Smp Id: LFQ0D2AA
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Calibration Date: 09-JUL-2009
Calibration Time: 22:38
Client Smp ID: EB062609-SO
Level: LOW
Sample Type: WATER
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709091.B\8141A-1.m
Misc Info: IS - GSV0633-09

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	+++++++	++++++++++	++++++++++	+	+++++++
39 TOCP	85100	42550	170200	114850	34.96

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	+++++++	++++++++++	++++++++++	0.0+	+++++++
39 TOCP	17.83	17.33	18.33	17.83	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

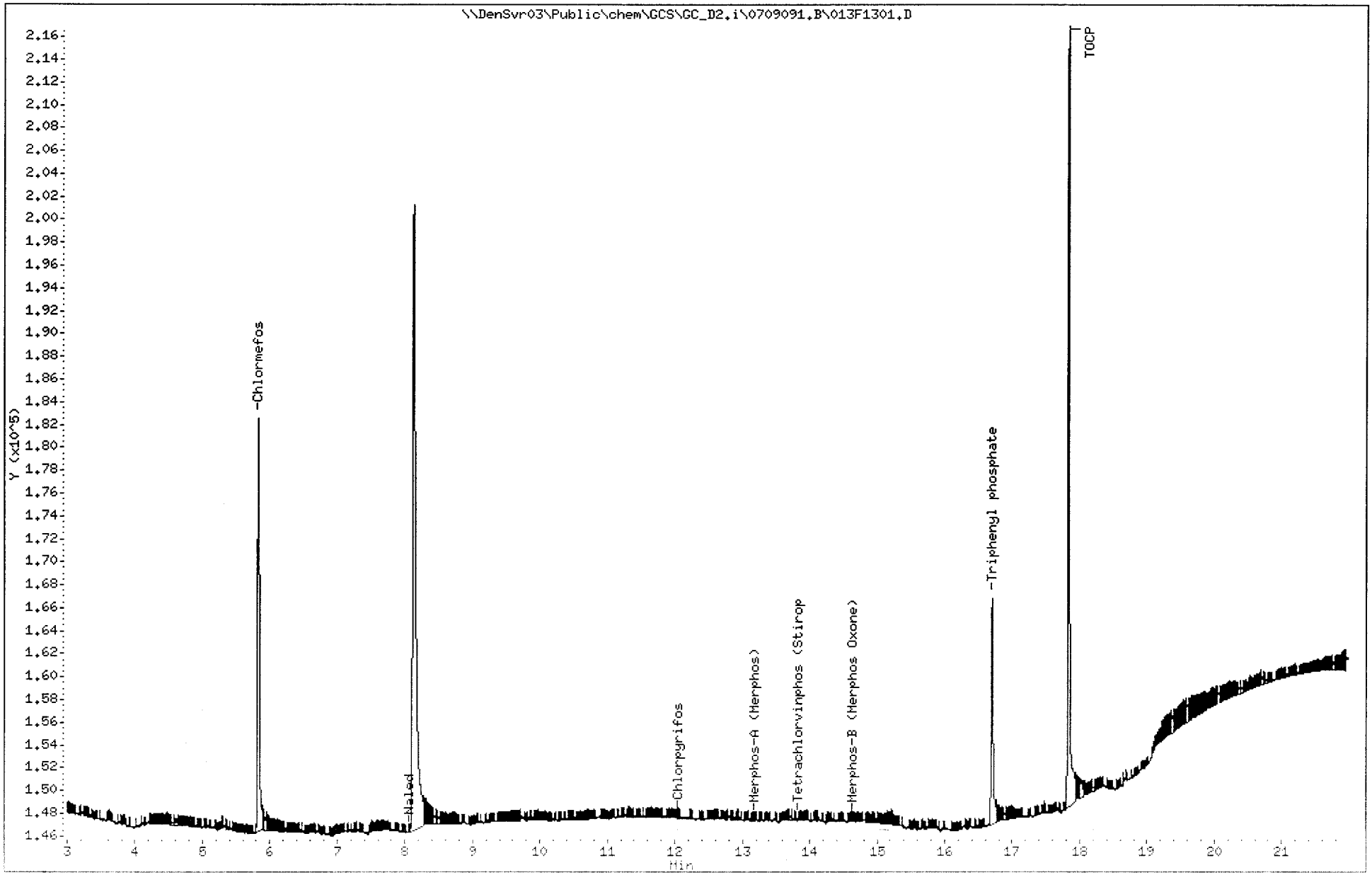
Client Name: Northgate Environmen27-JUN-2009 00:00 Client SDG: D9F2701
Sample Matrix: LIQUID Fraction: SV
Lab Smp Id: LFQ0D2AA Client Smp ID: EB062609-SO
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: SAMPLE
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709091.B\8141A-1.m
Misc Info: IS - GSV0633-09

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 4 Chlormefos	1.892	0.9952	52.59	48-114
$ 35 Triphenyl phosphat	1.892	1.296	68.52	50-150

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709091.B\013F1301.D
Date : 10-JUL-2009 03:11
Client ID: EB062609-SO
Sample Info: LFQ0D2AA,150-1

Instrument: GC_D2.i

Operator: MPK/TLW
Column phase: RTx-1MS
Column diameter: 0.32



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0709092.B\013F1301.D
Lab Smp Id: LFQ0D2AA Client Smp ID: EB062609-SO
Inj Date : 10-JUL-2009 03:11
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LFQ0D2AA,150-1
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0709092.B\8141A-2.m
Meth Date : 10-Jul-2009 12:05 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Vs	1057.000	Volume of Sample Extracted (mL)
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
1	o,o,o-TEPT	Compound Not Detected.					
2	Dichlorvos	Compound Not Detected.					
$ 3	Chlormefos	7.382	7.384	(0.392)	56526	0.58626	1.109
4	Mevinphos	Compound Not Detected.					
5	Demeton-O	Compound Not Detected.					
6	Thionazin	Compound Not Detected.					
7	Ethoprop	Compound Not Detected.					
8	Phorate	Compound Not Detected.					
9	Naled	10.930	10.939	(0.581)	147	0.27505	0.5204
10	Sulfotepp	11.005	11.017	(0.585)	51	4.e-004	0.0007653(aA)
* 11	Tributylphosphate	11.120	11.116	(1.000)	149705	2.00000	
12	Simazine	11.390	11.399	(0.606)	84	0.00465	0.008801(aA)
13	Diazinon	Compound Not Detected.					
14	Atrazine	11.583	11.584	(0.616)	157	0.23638	0.4473(aA)
15	Propazine	Compound Not Detected.					
16	Disulfoton	Compound Not Detected.					
17	Demeton-S	12.122	12.124	(0.644)	138	0.12073	0.2284
18	Dimethoate	Compound Not Detected.					
19	Ronnel	Compound Not Detected.					
20	Merphos-A (Merphos)	13.702	13.689	(1.232)	87	0.00160	0.003034(aA)
21	Chlorpyrifos	Compound Not Detected.					
22	Fenthion	Compound Not Detected.					

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
	23 Trichloronate	14.705	14.711	(0.782)	123	0.10675	0.2020
	24 Anilazine	Compound Not Detected.					
	25 Methyl Parathion	Compound Not Detected.					
	26 Malathion	15.717	15.724	(0.836)	98	0.00172	0.003249(a)
	27 Tokuthion	Compound Not Detected.					
	28 Parathion	16.477	16.494	(0.876)	93	0.00155	0.002931(a)
	29 Merphos-B (Merphos Oxone)	Compound Not Detected.					
	30 Tetrachlorvinphos (stirophos)	Compound Not Detected.					
	31 Carbophenothion methyl	Compound Not Detected.					
	32 Bolstar	Compound Not Detected.					
	33 Carbophenothion	Compound Not Detected.					
$	34 Triphenyl phosphate	18.273	18.281	(0.972)	31711	0.67025	1.268
	35 Fensulfothion	Compound Not Detected.					
*	36 TOCP	18.808	18.816	(1.000)	94834	2.00000	
	37 Phosmet / EPN	Compound Not Detected.					
	38 Famphur	Compound Not Detected.					
	39 Azinphos-methyl	Compound Not Detected.					
	40 Azinphos-ethyl	Compound Not Detected.					
	41 Coumaphos	Compound Not Detected.					
S	42 Merphos	Compound Not Detected.					
M	43 Total Demeton				138	0.12073	0.2284

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 013F1301.D
Lab Smp Id: LFQ0D2AA
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709092.B\8141A-2.m
Misc Info:

Calibration Date: 09-JUL-2009
Calibration Time: 22:38
Client Smp ID: EB062609-SO
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	122085	61043	244170	149705	22.62
36 TOCP	70218	35109	140436	94834	35.06

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.12	0.02
36 TOCP	18.81	18.31	19.31	18.81	0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name: Northgate Environmen27-JUN-2009 00:00 Client SDG: D9F2701
Sample Matrix: LIQUID Fraction: SV
Lab Smp Id: LFQ0D2AA Client Smp ID: EB062609-SO
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: SAMPLE
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709092.B\8141A-2.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 3 Chlormefos	1.892	1.109	58.63	48-114
$ 34 Triphenyl phosphat	1.892	1.268	67.03	50-150

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0709092.B\013F1301.D

Page 5

Date : 10-JUL-2009 03:11

Client ID: EB062609-SO

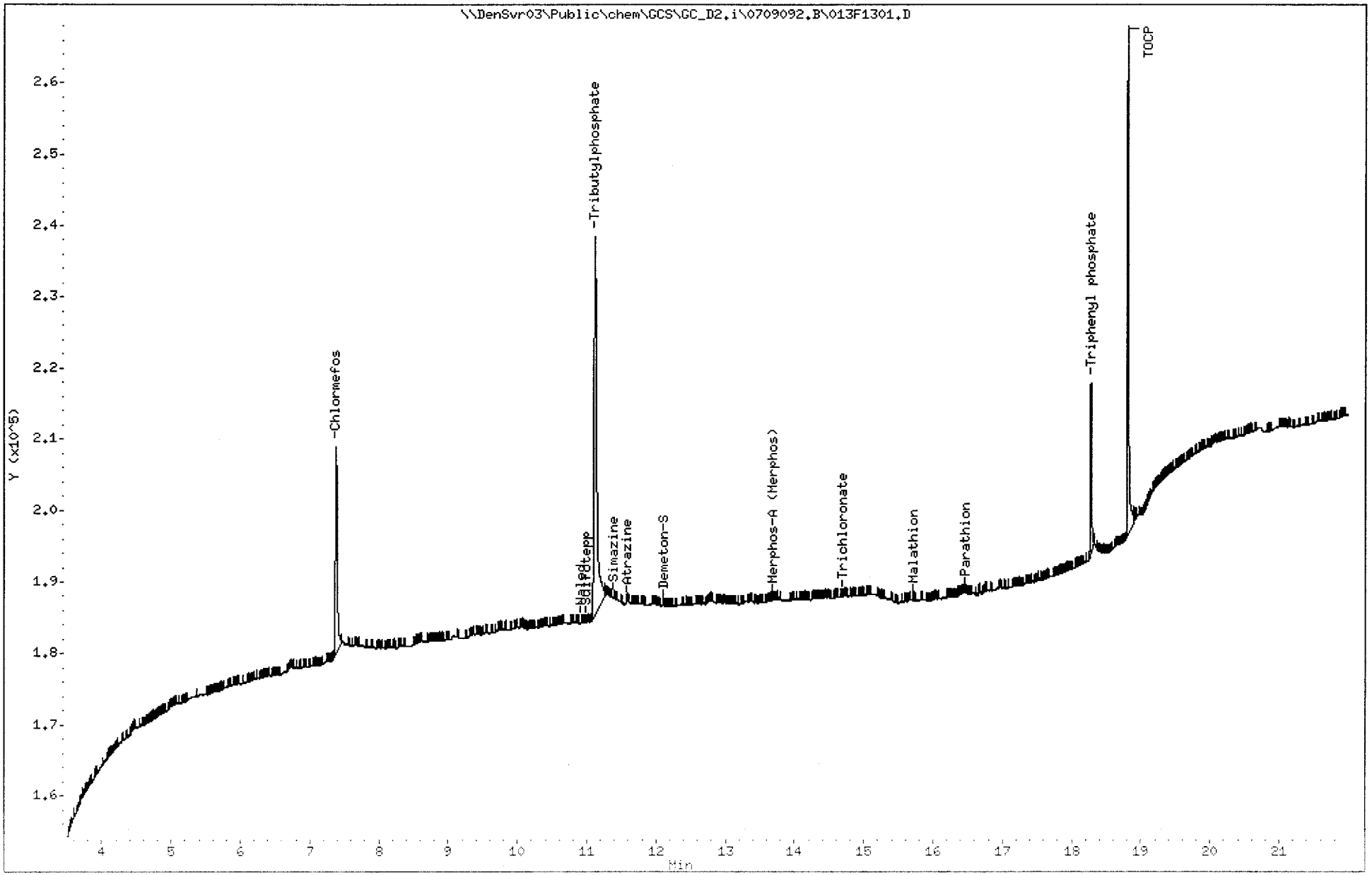
Instrument: GC_D2.i

Sample Info: LFQ0D2AA,150-1

Operator: MPK/TLW

Column phase: RTx-OPPest

Column diameter: 0.32



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GC SEMIVOLATILE
INITIAL CALIBRATION DATA

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

GC and HPLC ICAL Review Checklist

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

608 8081 8082 8151 (8141)
TPH/DRO Other SV 6014
8310 8330 Other HPLC

601 602 8021 BTEX
TPH/GRO Other Volatile GC

Calibration Date: 062609
Instrument ID: D2

Review Items	--- Level 1 --- Yes	No	N/A	Level 2	Comments
Initial Calibration					
1. Are correct data files used?	✓			✓	
2. Is there a sufficient number of calibration points used?	✓			✓	
3. Are reasons for removal of points documented?	✓			✓	Better linearity
4. Is linearity acceptable, 8000 Series: linear least-squares regression with $r \geq 0.990$, (DOD projects require $r \geq 0.995$) quadratic fit COD $r^2 > 0.990$, or average response factors with RSD ≤ 20%? 600 Series: < 10% RSD or linear regression	✓			✓	
5. Are the correct RT windows applied to the ICAL integration?	✓			✓	
6. Are DDT & Endrin breakdown < 15%?			✓	NA	
7. Is each manual integration completely documented, signed and appropriate?	✓			✓	
8. Is traceability of standards properly documented?	✓			✓	
9. Was second level hand calculation performed? (document analyte checked)	-----	-----	-----	✓	
10. Was second-source ICV performed & recovery 85-115%? 6/30/09	✗	✓		✓	Primary Include %R Naled -40.1%, Simazine +31.1%, Disulfoton -20.6% Malathion -18.8%, Anilazine -49.2%, Carbophenothion-methyl -32.3%, Phosmet -17.6% Secondary Include %R Naled -47.6%, Simazine +80.1%, Anilazine -39.9%, Malathion -23.2%, Carbophenothion-methyl -37.7%, Merphos -19.3%

1st Level Reviewer: [signature] Date: 6/30/09
2nd Level Reviewer: [signature] Date: 6/30/09

E\062609.S

Sequence Table (Front Injector):

Quantification Part:

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
1	Vial 1	PRIMER				
2	Vial 2	HEXANE				
3	Vial 3	OPP L7 GSV0634				
4	Vial 4	OPP L6 GSV0637				
5	Vial 5	OPP L5 GSV0635				
6	Vial 6	OPP L4 GSV0638				
7	Vial 7	OPP L3 GSV0639				
8	Vial 8	OPP L2 GSV0640				
9	Vial 9	OPP L1 GSV0641				
10	Vial 10	OPP SS GSV0633				
11	Vial 11	GSV075309 SPK				
12	Vial 12	LE2931AA,MB				
13	Vial 13	LE2931AC,LCS				
14	Vial 14	LE2931AD,LCSD				
15	Vial 15	LEQA91AC,222-15				10
16	Vial 16	LEQA91AC,222-15				3
17	Vial 17	LEQCQ1AC,222-18				2
18	Vial 18	LERD61AD,377-1				
19	Vial 19	LERD81AH,377-3				
20	Vial 20	LERN71AF,115-1				
21	Vial 21	LERPQ1AF,115-2				
22	Vial 22	LERPX1AF,115-3				
23	Vial 23	LE1F91AJ,138-1				
24	Vial 24	OPP L5 GSV0635				
25	Vial 25	LE29M1AA,MB				
26	Vial 26	LE29M1AC,LCS				
27	Vial 27	LE29M1AD,LCSD				
28	Vial 28	LEQA91AA,222-15				10
29	Vial 29	LEQA91AA,222-15				3
30	Vial 30	LEQCQ1AA,222-18				2
31	Vial 31	LFARC1AA,MB				
32	Vial 32	LFARC1AC,LCS				
33	Vial 33	LFARC1AD,LCSD				
34	Vial 34	LEKL02AA,185-1				
35	Vial 35	LE29L1AA,MB				
36	Vial 36	LE29L1AC,LCS				
37	Vial 37	LE29L1AD,LCSD				
38	Vial 38	LERCV1AA,370-1				
39	Vial 39	LEWJG1AA,143-1				
40	Vial 40	OPP L5 GSV0635				
41	Vial 41	LE5PX1AA,MB				
42	Vial 42	LE5PX1AC,LCS				
43	Vial 43	LE5PX1AD,LCSD				
44	Vial 44	LE39F1AA,179-1				
45	Vial 45	LE3PF1AA,179-2				
46	Vial 46	LE39L1AA,179-3				
47	Vial 47	LFARL1AA,MB				
48	Vial 48	LFARL1AC,LCS				
49	Vial 49	LFARL1AD,LCSD				
50	Vial 50	LEKLE2AE,180-2				
51	Vial 51	LEKLF2AE,180-3				
52	Vial 52	LEKLL2AE,180-4				
53	Vial 53	LEKLQ2AE,180-5				
54	Vial 54	LENR72AD,322-1				
55	Vial 55	LEPG32AJ,161-1				
56	Vial 56	OPP L5 GSV0635				
57	Vial 57	LFD4N1AA,MB				
58	Vial 58	LFD4N1AC,LCS				

9168144

9168147

9170431

9168145

RR

9168553

9170430

9173102

D2 6/26/2009 11:59:30 AM MPK/TLW

E\062609.S

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
59	Vial 59	LFD4N1AD,LCSD				
60	Vial 60	LE3041AJ,158-1				
61	Vial 61	LFD4W1AA,MB				
62	Vial 62	LFD4W1AC,LCS				
63	Vial 63	LFD4W1AD,LCSD				
64	Vial 64	LE7EE1AA,266-2				
65	Vial 65	LE9Q61AA,216-2				
66	Vial 66	LE9RA1AA,216-3				
67	Vial 67	LFC4Q1AD,199-2				
68	Vial 68	OPP L5 GSV0635				
69	Vial 69	LFAN01AA,MB				
70	Vial 70	LFAN01AC,LCS				
71	Vial 71	LFAN01AD,LCSD				
72	Vial 72	LE4291AA,273-1				
73	Vial 73	LE4291AD,273-1S				
74	Vial 74	LE4291AE,273-1D				
75	Vial 75	LE9PJ1AA,215-1				
76	Vial 76	OPP L5 GSV0635				
77	Vial 77	OPP L1 GSV0641				
78	Vial 100	HEXANE/ACETONE				

9173103

9170919

Sequence Table (Back Injector):

No entries - empty table!

Report Date : 30-Jun-2009 12:45 Page 1

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Calibration File Names:
Level 1: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\009F0901.D
Level 2: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\008F0801.D
Level 3: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\007F0701.D
Level 4: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\006F0601.D
Level 5: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\005F0501.D
Level 6: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\004F0401.D
Level 7: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\003F0301.D

SEE CALIBRATION HISTORY

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
1 o,o,o-TEPT	3.11591	2.63737	2.67945	2.89676	2.71623	2.90430					
	2.77446						AVRG		2.81778		5.91149
2 Dichlorvos	2.01706	1.62225	1.58545	1.76366	1.71981	1.74982					
	1.79032						AVRG		1.74977		7.99554
3 Mevinphos	1.01774	0.91295	0.90158	1.01760	0.95159	0.98250					
	0.94429						AVRG		0.96118		4.85992
5 Thionazin	2.12707	1.94606	1.94866	2.08214	1.96051	2.00095					
	1.93224						AVRG		1.99966		3.79706

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TestAmerica

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Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	5.0000 Level 7											
6 Demeton-O	9836	17553	30145	62341	96004	113108						1/x
	165003						WLINR	-0.01288	1.85831		0.99594	
7 Ethoprop	1.93480	1.70823	1.62324	1.73203	1.74110	1.78272						
	1.74432						AVRG		1.75235		5.38512	
8 Naled	1992	6103	15042	36940	67594	90892						
	121152						WLINR	0.09632	0.47378		0.98961	<- 1/x r=0.995
10 Sulfotepp	34658	70885	131347	259970	393078	486417						1/x
	609341						WLINR	-0.03469	2.43674		0.99856	
11 Phorate	2.02801	1.82946	1.73796	1.82370	1.76374	1.79146						
	1.72902						AVRG		1.81476		5.60901	
12 Dimethoate	1.89561	1.76866	2.07434	2.25696	2.23554	2.30994						
	2.21598						AVRG		2.10815		9.72697	
13 Demeton-S	1.49306	1.46224	1.49173	1.58543	1.55216	1.58919						
	1.52702						AVRG		1.52869		3.21407	

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Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	5.0000 Level 7											
14 Simazine	4819	16248	29382	64611	115426	147784						1/x2
	190219						WLINR	0.03988	0.73140		0.99336	
15 Atrazine	0.70185	0.76532	0.75073	0.84628	0.85434	0.90844						
	0.89508						AVRG		0.81743		9.61085	
16 propazine	0.73887	0.70136	0.69239	0.78178	0.75651	0.81417						
	0.79462						AVRG		0.75424		6.13423	
17 Disulfoton	15404	33208	61920	127893	193050	247845						1/x
	290419						WLINR	-0.01928	1.20917		0.99576	
18 Diazinon	2.20234	1.83553	1.83772	2.01856	1.98676	1.84115						
	1.92388						AVRG		1.94942		6.88114	
19 Methyl Parathion	1.22644	1.10389	1.13741	1.32395	1.30344	1.29686						
	1.26213						AVRG		1.23630		6.92144	
20 Ronnel	1.42863	1.23369	1.21320	1.29342	1.24446	1.34650						
	1.18584						AVRG		1.27796		6.65504	

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Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
21 Malathion	15443	30581	57103	119836	186013	228260					
	283462						WLINR	-0.02066	1.14436		0.99783
22 Fenthion	1.46442	1.18458	1.16481	1.29096	1.25584	1.25506					
	1.18151						AVRG		1.25674		8.19381
23 Parathion	1.42438	1.25387	1.23322	1.38998	1.36308	1.38514					
	1.31279						AVRG		1.33749		5.43501
24 Chlorpyrifos	1.85614	1.56747	1.47379	1.62915	1.61527	1.62330					
	1.56216						AVRG		1.61818		7.28314
25 Trichloronate	1.44751	1.42551	1.34762	1.48171	1.46256	1.52450					
	1.43428						AVRG		1.44624		3.78186
26 Anilazine	1493	2095	5311	12790	19893	29375					
	+++++						QUAD	0.02107	9.16488	-8.66056	0.99476
27 Merphos-A (Merphos)	1.24844	1.15527	1.15966	1.23989	1.21263	1.24409					
	1.18648						AVRG		1.20664		3.30523

1/x

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TestAmerica

INITIAL CALIBRATION DATA

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Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	5.0000 Level 7											
28 Tetrachlorvinphos (Stirophos)	0.76814	0.74606	0.73464	0.83451	0.85233	0.85150						
	0.82648						AVRG		0.80195		6.32809	
29 Tokuthion	1.50295	1.28283	1.29501	1.44234	1.39452	1.40891						
	1.37817						AVRG		1.38639		5.62055	
30 Merphos-B (Merphos Oxone)	3884	7933	11676	34113	50056	65974						NTC
	79809						WLINR	0.01044	0.32634		0.98820	<-See Merphos
31 Carbophenothion-methyl	14924	30542	55023	105577	167145	206137						1/x
	266724						WLINR	-0.03349	1.03813		0.99979	
32 Fensulfothion	8319	23000	51304	104440	185778	229856						1/x
	295978						WLINR	0.04728	1.18751		0.99821	
33 Bolstar / Famphur	1.54988	1.27794	1.32328	1.33835	1.27633	1.28540						
	1.23307						AVRG		1.32632		7.86825	
34 Carbophenothion	1.57916	1.19992	1.27687	1.32336	1.26122	1.41398						
	1.25966						AVRG		1.33059		9.63398	

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Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	5.0000 Level 7											
36 Phosmet	1.22087	1.01385	1.11032	1.20586	1.12340	1.16129						
	1.13672						AVRG		1.13890		6.04111	
37 EPN	9525	23196	48705	111165	171283	220388						$1/x^2$
	294020						WLINR	0.02456	1.11450		0.99317	
38 Azinphos-methyl	1.19565	1.13516	1.16767	1.28235	1.23551	1.26700						
	1.21185						AVRG		1.21360		4.33999	
40 Azinphos-ethyl	23154	43578	74071	134607	209971	253982						$1/x^2$
	318459						WLINR	-0.07409	1.26388		0.99928	
41 Coumaphos	1.00140	0.89806	0.92250	1.01947	1.01017	1.01013						
	0.99015						AVRG		0.97884		4.92558	
42 Merphos	1.61523	1.45962	1.38820	1.59026	1.52873	1.58626						
	1.49925						AVRG		1.52393		5.34513	
43 Total Demeton	1.94415	1.66775	1.60440	1.71838	1.66174	1.66727						
	1.68503						AVRG		1.70696		6.44185	

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Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
$ 4 Chlormefos	2.28223	2.03679	2.00000	2.26084	2.35620	2.24671					
	2.15521						AVRG		2.19114		6.04132
$ 35 Triphenyl phosphate	1.09980	0.99217	0.96977	1.05450	0.99627	1.00900					
	0.95665						AVRG		1.01117		4.94580

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TestAmerica

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Start Cal Date : 26-JUN-2009 18:28
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Quant Method : ISTD
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Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Wt Linear	Amt = b + Rsp/m1	Response
Quad	Amt = b + m1*Rsp + m2*Rsp^2	Response

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Report Date: 30-Jun-2009 12:45

Calibration History

Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Start Cal Date: 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Last Cal Level: 1
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 0.20000		
26-JUN-2009 21:13	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\009F0901.D
Cal Level: 2 , Cal Amount: 0.50000		
26-JUN-2009 20:45	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\008F0801.D
Cal Level: 3 , Cal Amount: 1.00000		
26-JUN-2009 20:18	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\007F0701.D
Cal Level: 4 , Cal Amount: 2.00000		
26-JUN-2009 19:50	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\006F0601.D
Cal Level: 5 , Cal Amount: 3.00000		
26-JUN-2009 19:23	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\005F0501.D
Cal Level: 6 , Cal Amount: 4.00000		
26-JUN-2009 18:55	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\004F0401.D
Cal Level: 7 , Cal Amount: 5.00000		
26-JUN-2009 18:28	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\003F0301.D

Continuing Calibration

Cal Level Mode: GLOBAL LEVEL 4

26-JUN-2009 21:40	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\010F1001.D
26-JUN-2009 19:50	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\006F0601.D
26-JUN-2009 19:23	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\005F0501.D

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Calibration File Names:
Level 1: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\009F0901.D
Level 2: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\008F0801.D
Level 3: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\007F0701.D
Level 4: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\006F0601.D
Level 5: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\005F0501.D SEE CALIBRATION HISTORY
Level 6: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\004F0401.D
Level 7: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\003F0301.D

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	5.0000 Level 7	Curve	Coefficients b	m1	m2	%RSD or R^2
1 o,o,o-TEPT	2.92648	2.44243	2.35582	2.65851	2.57132	2.61478						
	2.53900							AVRG		2.58691		7.02274
2 Dichlorvos	1.96421	1.82228	1.84036	2.17503	2.12732	2.04712						
	2.16332							AVRG		2.01995		7.32345
4 Mevinphos	1.44354	1.24995	1.21811	1.44363	1.32123	1.40873						
	1.43954							AVRG		1.36067		7.12634
5 Demeton-O	1.19821	1.29971	1.18493	1.34261	1.38930	1.37760						
	1.28370							AVRG		1.29658		6.26552

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	5.0000 Level 7	Curve	Coefficients b	m1	m2	%RSD or R^2	
6 Thionazin	2.15838	1.84195	1.93751	1.98059	2.08762	2.20076							
	2.03673							AVRG		2.03479		6.19054	
7 Ethoprop	1.70034	1.41105	1.44674	1.51565	1.56615	1.54046							
	1.46268							AVRG		1.52044		6.33190	
8 Phorate	1.89356	1.60276	1.58391	1.69691	1.82591	1.99241							
	1.74661							AVRG		1.76315		8.53946	
9 Naled	94.00000	1666	10859	28010	46004	58330							1/x
	78857							WLINR	0.13436	0.49080		0.99248	
10 Sulfotepp	2.79835	2.53605	2.59328	2.75080	2.67397	2.68532							
	2.57687							AVRG		2.65923		3.59851	
12 Simazine	0.36415	0.34683	0.35351	0.38559	0.39087	0.41510							
	0.41001							AVRG		0.38086		7.05346	
13 Diazinon	12067	15923	49407	98649	155648	181790							1/x
	228810							WLINR	0.01456	1.44446		0.99190	

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	5.0000 Level 7											
14 Atrazine	5427	1231	21316	49088	85997	98759						
	128612						LINR	0.11621	0.83396		0.99221	
15 Propazine	4880	8102	20907	43235	72628	85745						1/x
	110050						WLINR	0.02910	0.68050		0.99492	
16 Disulfoton	1.39584	1.32983	1.36835	1.41433	1.46581	1.46415						
	1.37843						AVRG		1.40239		3.56764	
17 Demeton-S	667	15766	33785	70921	121463	157195						1/x
	175573						WLINR	0.05954	1.76807		0.99272	
18 Dimethoate	1.93513	1.88284	1.72920	1.81890	1.98388	1.88204						
	1.92489						AVRG		1.87955		4.46888	
19 Ronnel	1.49381	1.09752	1.14631	1.23377	1.29336	1.31702						
	1.27410						AVRG		1.26513		10.15653	
20 Merphos-A (Merphos)	0.73714	0.72841	0.76463	0.71117	0.75339	0.75359						
	0.62474						AVRG		0.72472		6.56840	

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
21 Chlorpyrifos	1.28253	1.15885	1.24944	1.20702	1.32365	1.38773					
	1.37311						AVRG		1.28319		6.60140
22 Fenthion	1.20874	1.15890	1.17283	1.16181	1.25398	1.18816					
	1.18668						AVRG		1.19016		2.76871
23 Trichloronate	6944	26053	49357	106326	170976	208762					
	296442						WLINR	0.05263	1.73863		0.99738
24 Anilazine	1634	2256	3581	6899	11039	13112					
	19108						LINR	-0.00058	0.10979		0.99085
25 Methyl Parathion	1.21391	1.12059	1.22102	1.33829	1.35198	1.32937					
	1.41908						AVRG		1.28489		8.00353
26 Malathion	1.23986	1.19694	1.15056	1.17724	1.17540	1.20726					
	1.27856						AVRG		1.20369		3.60449
27 Tokuthion	1.50291	1.31056	1.35261	1.35076	1.45106	1.48916					
	1.40826						AVRG		1.40933		5.28420

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
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Quant Method : ISTD
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Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	5.0000 Level 7	Curve	Coefficients b	m1	m2	%RSD or R^2	
28 Parathion	1.27111	1.15628	1.24872	1.23420	1.30817	1.35972							
	1.28450							AVRG		1.26610		5.02432	
29 Merphos-B (Merphos Oxone)	3793	6271	15065	23458	40683	62127							
	65080							WLINR	-0.05169	0.21659		0.96366	<-NTC, see merphos
30 Tetrachlorvinphos (stirophos)	0.86036	0.73114	0.73243	0.80291	0.86664	0.87311							
	0.86651							AVRG		0.81902		7.82425	
31 Carbophenothion methyl	1.16513	1.02032	1.04699	1.17159	1.27808	1.26831							
	1.26700							AVRG		1.17392		9.08251	
32 Bolstar	1.33280	1.22387	1.19075	1.20601	1.27262	1.22830							
	1.20152							AVRG		1.23655		4.05030	
33 Carbophenothion	1.18442	1.13595	1.15332	1.18001	1.34689	1.22912							
	1.28180							AVRG		1.21593		6.21486	
35 Fensulfothion	0.88346	0.80409	0.88036	0.97346	0.94597	1.00424							
	0.92148							AVRG		0.91615		7.30438	

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
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Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	5.0000 Level 7											
37 Phosmet / EPN	19707	35826	68186	146012	207459	263604						
	330448						WLINR	-0.04262	1.00518		0.99785	1/x
38 Famphur	1.45536	1.20800	1.18770	1.39816	1.20947	1.39569						
	1.32805						AVRG		1.31178		8.35158	
39 Azinphos-methyl	1.25589	1.08970	1.07858	1.30240	1.20427	1.27709						
	1.19199						AVRG		1.19999		7.33978	
40 Azinphos-ethyl	1.14013	1.11628	1.12015	1.18786	1.16269	1.14594						
	1.12699						AVRG		1.14286		2.23350	
41 Coumaphos	0.78930	0.81655	0.85887	0.90448	0.89897	0.94628						
	0.93653						AVRG		0.87871		6.77030	
42 Merphos	1.56460	1.43887	1.64263	1.66880	1.73437	1.91569						
	1.70275						AVRG		1.66682		8.85773	
43 Total Demeton	3533	23328	47171	100663	168375	213468						
	244812						WLINR	0.06780	1.63923		0.99469	1/x

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
$ 3 Chlormefos	2.19506	1.83698	1.78322	2.03418	2.29040	2.05386					
	2.04016						AVRG		2.03341		8.83890
$ 34 Triphenyl phosphate	1.10969	0.86972	0.91132	1.07710	1.01080	0.99885					
	1.00703						AVRG		0.99779		8.47904

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INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Curve	Formula	Units
Averaged	Amt = Rsp/ml	Response
Linear	Amt = b + Rsp/ml	Response
Wt Linear	Amt = b + Rsp/ml	Response

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Report Date: 30-Jun-2009 12:58

Calibration History

Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Start Cal Date: 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Last Cal Level: 1
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 0.20000		
26-JUN-2009 21:13	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\009F0901.D
Cal Level: 2 , Cal Amount: 0.50000		
26-JUN-2009 20:45	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\008F0801.D
Cal Level: 3 , Cal Amount: 1.00000		
26-JUN-2009 20:18	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\007F0701.D
Cal Level: 4 , Cal Amount: 2.00000		
26-JUN-2009 19:50	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\006F0601.D
Cal Level: 5 , Cal Amount: 3.00000		
26-JUN-2009 19:23	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\005F0501.D
Cal Level: 6 , Cal Amount: 4.00000		
26-JUN-2009 18:55	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\004F0401.D
Cal Level: 7 , Cal Amount: 5.00000		
26-JUN-2009 18:28	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\003F0301.D

Continuing Calibration

Cal Level Mode: GLOBAL LEVEL 4

26-JUN-2009 21:40	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\010F1001.D
26-JUN-2009 19:50	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\006F0601.D
26-JUN-2009 19:23	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\005F0501.D

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B/010F1001.D
Report Date: 06/30/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Analysis Type: NONE

Injection Date: 26-JUN-2009 21:40
Lab Sample ID: OPP SS GSV0633
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.0000	2.0577	2.9	15.0	
2	Dichlorvos	2.0000	1.9061	4.7	15.0	
3	Mevinphos	2.0000	1.6977	15.1	15.0	<- ok
4	Chlormefos	2.0000	1.7808	11.0	15.0	
5	Thionazin	2.0000	1.9740	1.3	15.0	
6	Demeton-O	0.6500	1.8707	187.8	15.0	<- ok, see total demeton
7	Ethoprop	2.0000	2.0536	2.7	15.0	
8	Naled	2.0000	1.1983	40.1	15.0	<-
9	Sulfotepp	2.0000	1.7932	10.3	15.0	
10	Phorate	2.0000	2.0180	0.9	15.0	
11	Dimethoate	2.0000	2.0859	4.3	15.0	
12	Demeton-S	1.3600	0.2313	83.0	15.0	<- ok, see total demeton
13	Simazine	2.0000	2.6218	31.1	15.0	<-
14	Atrazine	2.0000	1.9566	2.2	15.0	
15	propazine	2.0000	1.9127	4.4	15.0	
17	Disulfoton	2.0000	1.5890	20.6	15.0	<-
16	Diazinon	2.0000	2.1583	7.9	15.0	
18	Methyl Parathion	2.0000	2.0404	2.0	15.0	
19	Ronnel	2.0000	2.1513	7.6	15.0	
20	Malathion	2.0000	1.6248	18.8	15.0	<-
21	Fenthion	2.0000	1.8840	5.8	15.0	
22	Parathion	2.0000	1.9436	2.8	15.0	
23	Chlorpyrifos	2.0000	1.9720	1.4	15.0	
24	Trichloronate	2.0000	1.8619	6.9	15.0	
25	Anilazine	2.0000	1.0151	49.2	15.0	<-
148	Merphos-A (Merphos)	2.0000	0.4078	79.6	999.0	
26	Tetrachlorvinphos (Stirophos)	2.0000	2.0880	4.4	15.0	
28	Tokuthion	2.0000	2.0254	1.3	15.0	
149	Merphos-B (Merphos Oxone)	2.0000	6.6232	231.2	999.0	
29	Carbophenothion-methyl	2.0000	1.3536	32.3	15.0	<-
29	Fensulfothion	2.0000	1.9235	3.8	15.0	
30	Bolstar / Famphur	4.0000	4.0636	1.6	15.0	
32	Carbophenothion	2.0000	1.8639	6.8	15.0	
31	Triphenyl phosphate	2.0000	1.7170	14.2	15.0	
34	Phosmet	2.0000	1.6471	17.6	15.0	<-
32	EPN	2.0000	1.7931	10.3	15.0	
33	Azinphos-methyl	2.0000	1.9226	3.9	15.0	
35	Azinphos-ethyl	2.0000	1.8331	8.3	15.0	
36	Coumaphos	2.0000	2.0063	0.3	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B/010F1001.D
Report Date: 06/30/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Injection Date: 26-JUN-2009 21:40
Lab File ID: 010F1001.D
Lab Sample ID: OPP SS GSV0633
Analysis Type: NONE
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
27 Merphos	2.0000	1.7215	13.9	15.0
40 Total Demeton	2.0000	2.1021	5.1	15.0

Average %D = 23.4

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B/010F1001.D
Report Date: 06/30/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Analysis Type: NONE

Injection Date: 26-JUN-2009 21:40
Lab Sample ID: OPP SS GSV0633
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.0000	2.0069	0.3	15.0	
2	Dichlorvos	2.0000	1.7707	11.5	15.0	
3	Chlormefos	2.0000	1.6957	15.2	15.0	<- ok
4	Mevinphos	2.0000	1.8364	8.2	15.0	
5	Demeton-O	0.6500	2.0472	215.0	15.0	<- ok, see total demeton
6	Thionazin	2.0000	1.8758	6.2	15.0	
7	Ethoprop	2.0000	1.8962	5.2	15.0	
8	Phorate	2.0000	1.9509	2.5	15.0	
10	Naled	2.0000	1.0486	47.6	15.0	<-
146	Sulfotepp	2.0000	1.7143	14.3	15.0	
10	Simazine	2.0000	3.6013	80.1	15.0	<-
12	Diazinon	2.0000	2.0803	4.0	15.0	
150	Atrazine	2.0000	1.9693	1.5	15.0	
13	Propazine	2.0000	1.8742	6.3	15.0	
14	Disulfoton	2.0000	1.6970	15.1	15.0	<- ok
15	Demeton-S	1.3600	0.2011	85.2	15.0	<- ok, see total demeton
16	Dimethoate	2.0000	1.8701	6.5	15.0	
17	Ronnel	2.0000	2.0112	0.6	15.0	
148	Merphos-A (Merphos)	2.0000	0.5348	73.3	999.0	
18	Chlorpyrifos	2.0000	2.1084	5.4	15.0	
19	Fenthion	2.0000	2.0634	3.2	15.0	
20	Trichloronate	2.0000	1.8617	6.9	15.0	
21	Anilazine	2.0000	1.2425	37.9	15.0	<-
23	Methyl Parathion	2.0000	2.0228	1.1	15.0	
24	Malathion	2.0000	1.5362	23.2	15.0	<-
25	Tokuthion	2.0000	1.8925	5.4	15.0	
26	Parathion	2.0000	2.1337	6.7	15.0	
149	Merphos-B (Merphos Oxone)	2.0000	5.0080	150.4	999.0	
27	Tetrachlorvinphos (stirophos)	2.0000	2.0814	4.1	15.0	
28	Carbophenothion methyl	2.0000	1.2466	37.7	15.0	<-
28	Bolstar	2.0000	2.0778	3.9	15.0	
30	Carbophenothion	2.0000	1.7496	12.5	15.0	
29	Triphenyl phosphate	2.0000	1.7275	13.6	15.0	
30	Fensulfothion	2.0000	2.0824	4.1	15.0	
35	Phosmet / EPN	4.0000	3.4695	13.3	15.0	
33	Famphur	2.0000	1.7579	12.1	15.0	
34	Azinphos-methyl	2.0000	1.8108	9.5	15.0	
35	Azinphos-ethyl	2.0000	1.7982	10.1	15.0	
36	Coumaphos	2.0000	1.9588	2.1	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B/010F1001.D
Report Date: 06/30/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Injection Date: 26-JUN-2009 21:40
Lab File ID: 010F1001.D
Lab Sample ID: OPP SS GSV0633
Analysis Type: NONE
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
22 Merphos	2.0000	1.6146	19.3	15.0	<-
40 Total Demeton	2.0000	2.2483	12.4	15.0	

Average %D = 24.2

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\003F0301.D
Lab Smp Id: OPP L7 GSV0634 Client Smp ID: OPP L7 GSV0634
Inj Date : 26-JUN-2009 18:28
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L7 GSV0634
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Meth Date : 30-Jun-2009 12:45 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 20:18 Cal File: 007F0701.D
Als bottle: 3 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/mL)
	1 o,o,o-TEPT	3.256	3.254	(0.183)	707938	5.00000	4.923
	2 Dichlorvos	4.075	4.074	(0.228)	456822	5.00000	5.116(A)
	3 Mevinphos	5.736	5.739	(0.322)	240948	5.00000	4.912
$	4 Chlormefos	5.835	5.836	(0.327)	549929	5.00000	4.918
	5 Thionazin	7.505	7.507	(0.421)	493034	5.00000	4.831
	6 Demeton-O	7.645	7.649	(0.428)	165003	1.62500	1.714
	7 Ethoprop	7.846	7.852	(0.440)	445084	5.00000	4.977
	8 Naled	8.053	8.057	(0.451)	121152	5.00000	5.203(A)
*	9 Tributylphosphate	8.110	8.135	(1.000)	206876	2.00000	
	10 Sulfotepp	8.440	8.442	(0.473)	609341	5.00000	4.831
	11 Phorate	8.530	8.532	(0.478)	441181	5.00000	4.764
	12 Dimethoate	8.655	8.659	(0.485)	565436	5.00000	5.256(A)
	13 Demeton-S	8.838	8.846	(0.495)	264954	3.40000	3.396
	14 Simazine	8.921	8.924	(0.500)	190219	5.00000	5.176(A)
	15 Atrazine	9.091	9.094	(0.510)	228392	5.00000	5.475(A)
	16 propazine	9.236	9.241	(0.518)	202756	5.00000	5.268(A)
	17 Disulfoton	9.866	9.869	(0.553)	290419	5.00000	4.668
	18 Diazinon	9.900	9.902	(0.555)	490902	5.00000	4.934
	19 Methyl Parathion	10.715	10.717	(0.601)	322048	5.00000	5.104(A)
	20 Ronnel	11.238	11.241	(0.630)	302582	5.00000	4.640
	21 Malathion	11.801	11.804	(0.661)	283462	5.00000	4.812
	22 Fenthion	11.930	11.932	(0.669)	301476	5.00000	4.701
	23 Parathion	12.020	12.019	(0.674)	334974	5.00000	4.908
	24 Chlorpyrifos	12.068	12.067	(0.676)	398604	5.00000	4.827
	25 Trichloronate	12.493	12.496	(0.700)	365975	5.00000	4.959
	26 Anilazine	12.815	12.817	(0.718)	34322	5.00000	4.247
	27 Merphos-A (Merphos)	13.196	13.199	(0.740)	302744	5.00000	4.916
	28 Tetrachlorvinphos (Stirophos)	13.818	13.824	(0.774)	210886	5.00000	5.153(A)
	29 Tokuthion	14.448	14.449	(0.810)	351657	5.00000	4.970
	30 Merphos-B (Merphos Oxone)	14.646	14.651	(0.821)	79809	5.00000	4.813
	31 Carbophenothion-methyl	15.235	15.239	(0.854)	266724	5.00000	4.968
	32 Fensulfothion	15.356	15.361	(0.861)	295978	5.00000	4.978
	33 Bolstar / Famphur	16.053	16.053	(0.900)	629265	10.0000	9.297

		Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34	Carbophenothion	16.196	16.197	(0.908)	321417	5.00000	4.733
$	35	Triphenyl phosphate	16.710	16.712	(0.936)	244102	5.00000	4.730(A)
	36	Phosmet	16.963	16.963	(0.951)	290049	5.00000	4.990
	37	EPN	17.150	17.151	(0.961)	294020	5.00000	5.219(A)
	38	Azinphos-methyl	17.478	17.480	(0.980)	309219	5.00000	4.993
*	39	TOCP	17.843	17.846	(1.000)	102065	2.00000	
	40	Azinphos-ethyl	17.923	17.926	(1.004)	318459	5.00000	4.789
	41	Coumaphos	18.363	18.366	(1.029)	252650	5.00000	5.058(A)
S	42	Merphos				382553	5.00000	4.876
M	43	Total Demeton				429957	5.00000	5.110

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

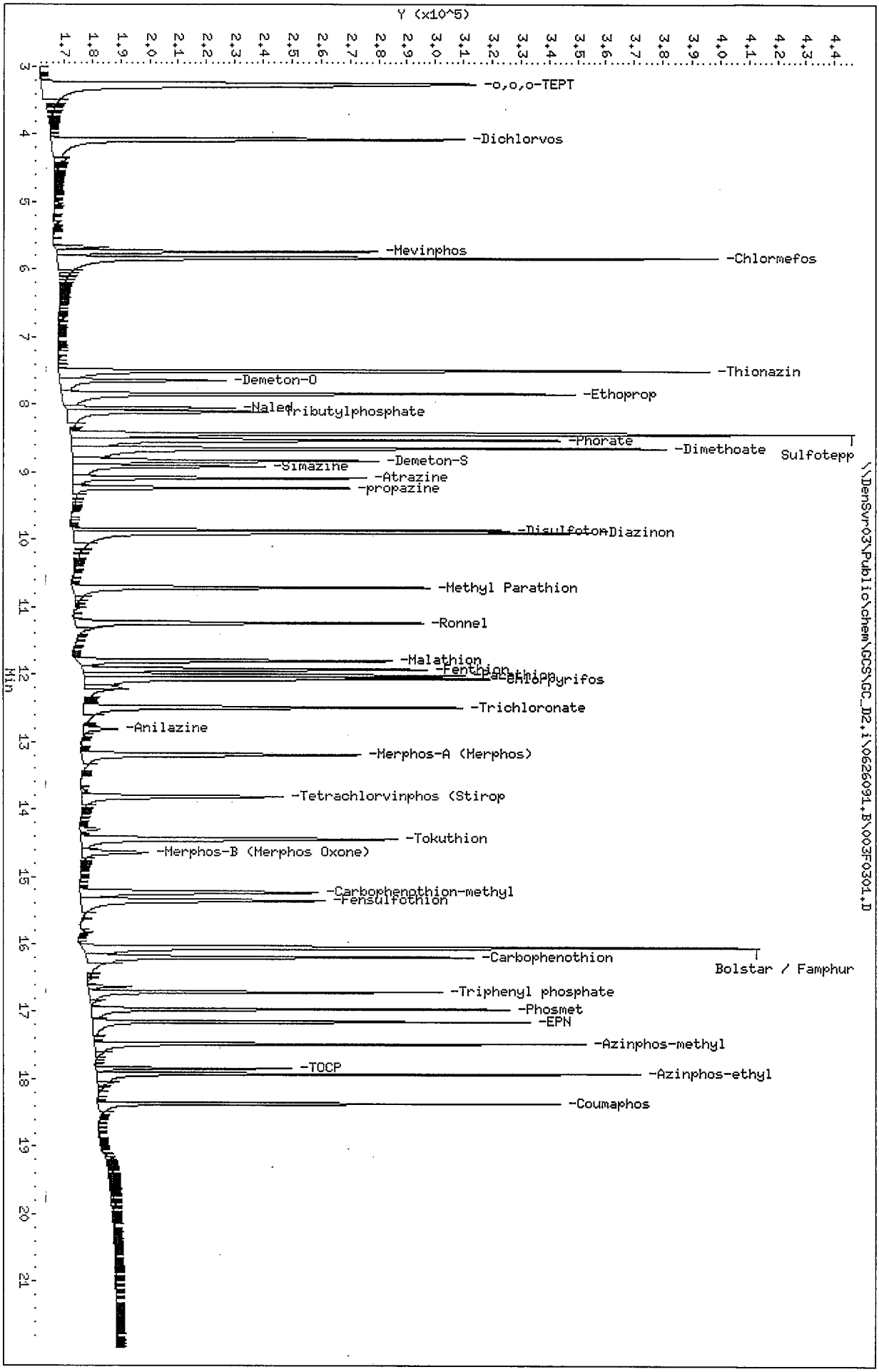
Instrument ID: GC_D2.i
Lab File ID: 003F0301.D
Lab Smp Id: OPP L7 GSV0634
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 26-JUN-2009
Calibration Time: 21:40
Client Smp ID: OPP L7 GSV0634
Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	166572	83286	333144	206876	24.20
39 TOCP	99647	49824	199294	102065	2.43

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.11	7.61	8.61	8.11	-0.03
39 TOCP	17.84	17.34	18.34	17.84	0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\003F0301.D
Date : 26-JUN-2009 18:28
Client ID: OPP L7 GSV0634
Sample Info: OPP L7 GSV0634
Column phase: RTx-1MS

Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\004F0401.D
Lab Smp Id: OPP L6 GSV0637 Client Smp ID: OPP L6 GSV0637
Inj Date : 26-JUN-2009 18:55
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L6 GSV0637
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Meth Date : 30-Jun-2009 12:45 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 18:28 Cal File: 003F0301.D
Als bottle: 4 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/mL)
	1 o,o,o-TEPT	3.254	3.254	(0.182)	559984	4.00000	4.123
	2 Dichlorvos	4.074	4.074	(0.228)	337386	4.00000	4.000
	3 Mevinphos	5.736	5.739	(0.321)	189437	4.00000	4.089
$	4 Chlormefos	5.834	5.836	(0.327)	433193	4.00000	4.101
	5 Thionazin	7.504	7.507	(0.421)	385808	4.00000	4.002
	6 Demeton-O	7.646	7.649	(0.429)	113108	1.30000	1.237
	7 Ethoprop	7.848	7.852	(0.440)	343730	4.00000	4.069
	8 Naled	8.054	8.057	(0.451)	90892	4.00000	4.172
*	9 Tributylphosphate	8.111	8.135	(1.000)	190710	2.00000	
	10 Sulfotepp	8.439	8.442	(0.473)	486417	4.00000	4.072
	11 Phorate	8.531	8.532	(0.478)	345415	4.00000	3.949
	12 Dimethoate	8.654	8.659	(0.485)	445385	4.00000	4.383
	13 Demeton-S	8.838	8.846	(0.495)	208362	2.72000	2.828
	14 Simazine	8.919	8.924	(0.500)	147784	4.00000	4.272
	15 Atrazine	9.089	9.094	(0.509)	175159	4.00000	4.445
	16 propazine	9.236	9.241	(0.518)	156982	4.00000	4.318
	17 Disulfoton	9.868	9.869	(0.553)	247845	4.00000	4.214
	18 Diazinon	9.901	9.902	(0.555)	354996	4.00000	3.778
	19 Methyl Parathion	10.714	10.717	(0.601)	250051	4.00000	4.196
	20 Ronnel	11.239	11.241	(0.630)	259621	4.00000	4.214
	21 Malathion	11.799	11.804	(0.661)	228260	4.00000	4.097
	22 Fenthion	11.931	11.932	(0.669)	241990	4.00000	3.995
	23 Parathion	12.018	12.019	(0.674)	267071	4.00000	4.142
	24 Chlorpyrifos	12.066	12.067	(0.676)	312992	4.00000	4.013
	25 Trichloronate	12.493	12.496	(0.700)	293942	4.00000	4.216
	26 Anilazine	12.814	12.817	(0.718)	29375	4.00000	4.019
	27 Merphos-A (Merphos)	13.196	13.199	(0.740)	239875	4.00000	4.124
	28 Tetrachlorvinphos (Stirophos)	13.818	13.824	(0.774)	164180	4.00000	4.247
	29 Tokuthion	14.446	14.449	(0.810)	271654	4.00000	4.065
	30 Merphos-B (Merphos Oxone)	14.648	14.651	(0.821)	65974	4.00000	4.215
	31 Carbophenothion-methyl	15.234	15.239	(0.854)	206137	4.00000	4.052
	32 Fensulfothion	15.358	15.361	(0.861)	229856	4.00000	4.110
	33 Bolstar / Famphur	16.053	16.053	(0.900)	495681	8.00000	7.753

		Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34	Carbophenothion	16.194	16.197	(0.908)	272632	4.00000	4.251
$	35	Triphenyl phosphate	16.711	16.712	(0.937)	194548	4.00000	3.991(A)
	36	Phosmet	16.963	16.963	(0.951)	223910	4.00000	4.079
	37	EPN	17.148	17.151	(0.961)	220388	4.00000	4.152
	38	Azinphos-methyl	17.478	17.480	(0.980)	244293	4.00000	4.176
*	39	TOCP	17.843	17.846	(1.000)	96406	2.00000	
	40	Azinphos-ethyl	17.923	17.926	(1.004)	253982	4.00000	4.021
	41	Coumaphos	18.363	18.366	(1.029)	194765	4.00000	4.128
S	42	Merphos				305849	4.00000	4.161
M	43	Total Demeton				321470	4.00000	4.064

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

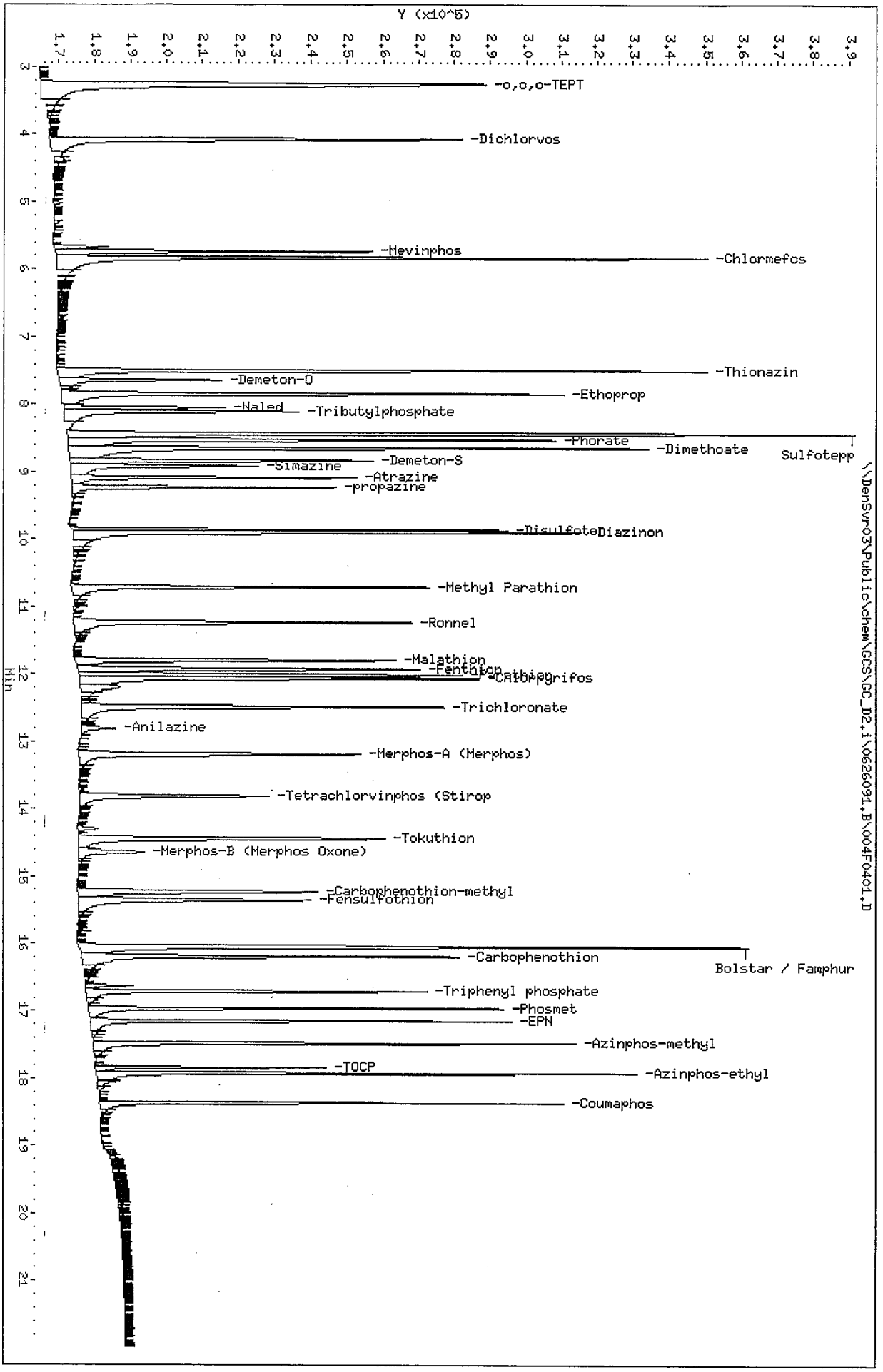
Instrument ID: GC_D2.i
Lab File ID: 004F0401.D
Lab Smp Id: OPP L6 GSV0637
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 26-JUN-2009
Calibration Time: 21:40
Client Smp ID: OPP L6 GSV0637
Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	166572	83286	333144	190710	14.49
39 TOCP	99647	49824	199294	96406	-3.25

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.11	7.61	8.61	8.11	-0.01
39 TOCP	17.84	17.34	18.34	17.84	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\004F0401.D
Date : 26-JUN-2009 18:55
Client ID: OPP L6 GSV0637
Sample Info: OPP L6 GSV0637
Column phase: RTx-1MS
Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\005F0501.D
Lab Smp Id: OPP L5 GSV0635 Client Smp ID: OPP L5 GSV0635
Inj Date : 26-JUN-2009 19:23
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L5 GSV0635
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Meth Date : 30-Jun-2009 12:45 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 18:55 Cal File: 004F0401.D
Als bottle: 5 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/mL)
	1 o,o,o-TEPT	3.254	3.254	(0.182)	430120	3.00000	2.892
	2 Dichlorvos	4.074	4.074	(0.228)	272336	3.00000	2.949
	3 Mevinphos	5.737	5.739	(0.322)	150686	3.00000	2.970
$	4 Chlormefos	5.834	5.836	(0.327)	373109	3.00000	3.226
	5 Thionazin	7.504	7.507	(0.421)	310451	3.00000	2.941
	6 Demeton-O	7.646	7.649	(0.429)	96004	0.97500	0.9530
	7 Ethoprop	7.847	7.852	(0.440)	275706	3.00000	2.981
	8 Naled	8.054	8.057	(0.451)	67594	3.00000	2.896
*	9 Tributylphosphate	8.111	8.135	(1.000)	190357	2.00000	
	10 Sulfotepp	8.439	8.442	(0.473)	393078	3.00000	2.987
	11 Phorate	8.531	8.532	(0.478)	279291	3.00000	2.916
	12 Dimethoate	8.654	8.659	(0.485)	354003	3.00000	3.181
	13 Demeton-S	8.837	8.846	(0.495)	167136	2.04000	2.071
	14 Simazine	8.919	8.924	(0.500)	115426	3.00000	3.070
	15 Atrazine	9.089	9.094	(0.509)	135287	3.00000	3.135
	16 propazine	9.236	9.241	(0.518)	119795	3.00000	3.009
	17 Disulfoton	9.867	9.869	(0.553)	193050	3.00000	2.986
	18 Diazinon	9.901	9.902	(0.555)	314608	3.00000	3.057
	19 Methyl Parathion	10.714	10.717	(0.600)	206402	3.00000	3.163
	20 Ronnel	11.239	11.241	(0.630)	197062	3.00000	2.921
	21 Malathion	11.799	11.804	(0.661)	186013	3.00000	3.038
	22 Fenthion	11.931	11.932	(0.669)	198864	3.00000	2.998
	23 Parathion	12.017	12.019	(0.674)	215846	3.00000	3.057
	24 Chlorpyrifos	12.066	12.067	(0.676)	255782	3.00000	2.995
	25 Trichloronate	12.494	12.496	(0.700)	231599	3.00000	3.034
	26 Anilazine	12.812	12.817	(0.718)	19893	3.00000	2.881
	27 Merphos-A (Merphos)	13.196	13.199	(0.740)	192022	3.00000	3.015
	28 Tetrachlorvinphos (Stirophos)	13.816	13.824	(0.774)	134968	3.00000	3.188
	29 Tokuthion	14.447	14.449	(0.810)	220825	3.00000	3.018
	30 Merphos-B (Merphos Oxone)	14.647	14.651	(0.821)	50056	3.00000	2.927
	31 Carbophenothion-methyl	15.236	15.239	(0.854)	167145	3.00000	2.983
	32 Fensulfothion	15.356	15.361	(0.861)	185778	3.00000	3.058
	33 Bolstar / Famphur	16.051	16.053	(0.900)	404218	6.00000	5.774

		Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34	Carbophenothion	16.194	16.197	(0.908)	199717	3.00000	2.844
$	35	Triphenyl phosphate	16.711	16.712	(0.937)	157761	3.00000	2.956(A)
	36	Phosmet	16.962	16.963	(0.951)	177892	3.00000	2.959
	37	EPN	17.149	17.151	(0.961)	171283	3.00000	2.961
	38	Azinphos-methyl	17.476	17.480	(0.979)	195645	3.00000	3.054
*	39	TOCP	17.842	17.846	(1.000)	105568	2.00000	
	40	Azinphos-ethyl	17.922	17.926	(1.004)	209971	3.00000	2.999
	41	Coumaphos	18.364	18.366	(1.029)	159962	3.00000	3.096
S	42	Merphos				242078	3.00000	2.978
M	43	Total Demeton				263140	3.00000	3.024

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

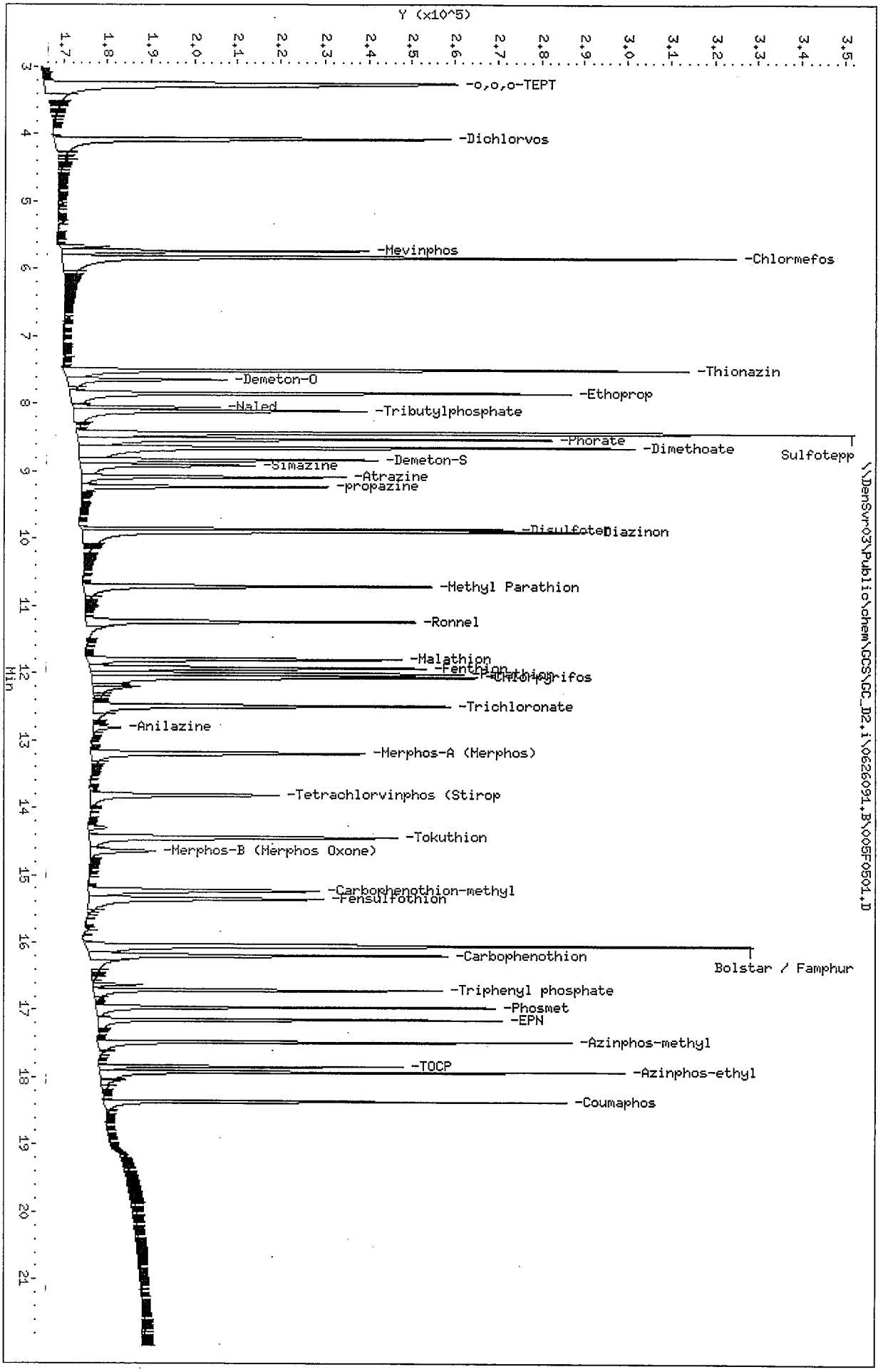
Instrument ID: GC_D2.i
Lab File ID: 005F0501.D
Lab Smp Id: OPP L5 GSV0635
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 26-JUN-2009
Calibration Time: 21:40
Client Smp ID: OPP L5 GSV0635
Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	166572	83286	333144	190357	14.28
39 TOCP	99647	49824	199294	105568	5.94

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.11	7.61	8.61	8.11	-0.02
39 TOCP	17.84	17.34	18.34	17.84	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\005F0501.D
Date : 26-JUN-2009 19:23
Client ID: OPP L5 GSV0635
Sample Info: OPP L5 GSV0635
Column phase: RTx-1HS

Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\006F0601.D
Lab Smp Id: OPP L4 GSV0638 Client Smp ID: OPP L4 GSV0638
Inj Date : 26-JUN-2009 19:50
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L4 GSV0638
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Meth Date : 30-Jun-2009 12:45 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 19:23 Cal File: 005F0501.D
Als bottle: 6 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/mL)
	1 o,o,o-TEPT	3.255	3.254	(0.182)	282037	2.00000	2.056
	2 Dichlorvos	4.075	4.074	(0.228)	171715	2.00000	2.016
	3 Mevinphos	5.737	5.739	(0.322)	99077	2.00000	2.117
$	4 Chlormefos	5.834	5.836	(0.327)	220122	2.00000	2.064
	5 Thionazin	7.504	7.507	(0.421)	202723	2.00000	2.082
	6 Demeton-O	7.647	7.649	(0.429)	62341	0.65000	0.6633
	7 Ethoprop	7.849	7.852	(0.440)	168636	2.00000	1.977
	8 Naled	8.055	8.057	(0.451)	36940	2.00000	1.794
*	9 Tributylphosphate	8.112	8.135	(1.000)	160310	2.00000	
	10 Sulfotepp	8.439	8.442	(0.473)	259970	2.00000	2.122
	11 Phorate	8.530	8.532	(0.478)	177561	2.00000	2.010
	12 Dimethoate	8.655	8.659	(0.485)	219744	2.00000	2.141
	13 Demeton-S	8.840	8.846	(0.495)	104966	1.36000	1.410
	14 Simazine	8.919	8.924	(0.500)	64611	2.00000	1.894
	15 Atrazine	9.089	9.094	(0.509)	82396	2.00000	2.070
	16 propazine	9.235	9.241	(0.518)	76116	2.00000	2.073
	17 Disulfoton	9.867	9.869	(0.553)	127893	2.00000	2.134
	18 Diazinon	9.902	9.902	(0.555)	196533	2.00000	2.071
	19 Methyl Parathion	10.714	10.717	(0.600)	128904	2.00000	2.142
	20 Ronnel	11.239	11.241	(0.630)	125931	2.00000	2.024
	21 Malathion	11.799	11.804	(0.661)	119836	2.00000	2.110
	22 Fenthion	11.930	11.932	(0.669)	125692	2.00000	2.054
	23 Parathion	12.017	12.019	(0.673)	135333	2.00000	2.078
	24 Chlorpyrifos	12.067	12.067	(0.676)	158619	2.00000	2.014
	25 Trichloronate	12.494	12.496	(0.700)	144264	2.00000	2.049
	26 Anilazine	12.815	12.817	(0.718)	12790	2.00000	2.151
	27 Merphos-A (Merphos)	13.197	13.199	(0.740)	120719	2.00000	2.055
	28 Tetrachlorvinphos (Stirophos)	13.817	13.824	(0.774)	81250	2.00000	2.081
	29 Tokuthion	14.447	14.449	(0.810)	140431	2.00000	2.081
	30 Merphos-B (Merphos Oxone)	14.649	14.651	(0.821)	34113	2.00000	2.168
	31 Carbophenothion-methyl	15.235	15.239	(0.854)	105577	2.00000	2.022
	32 Fensulfothion	15.357	15.361	(0.861)	104440	2.00000	1.901
	33 Bolstar / Famphur	16.052	16.053	(0.900)	260611	4.00000	4.036

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/mL)
	34 Carbophenothion	16.195	16.197	(0.908)	128846	2.00000	1.989
$	35 Triphenyl phosphate	16.710	16.712	(0.936)	102669	2.00000	2.086 (A)
	36 Phosmet	16.962	16.963	(0.951)	117406	2.00000	2.118
	37 EPN	17.149	17.151	(0.961)	111165	2.00000	2.098
	38 Azinphos-methyl	17.477	17.480	(0.979)	124853	2.00000	2.113
*	39 TOCP	17.844	17.846	(1.000)	97363	2.00000	
	40 Azinphos-ethyl	17.924	17.926	(1.004)	134607	2.00000	2.040
	41 Coumaphos	18.364	18.366	(1.029)	99259	2.00000	2.083
S	42 Merphos				154832	2.00000	2.068
M	43 Total Demeton				167307	2.00000	2.074

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

TestAmerica

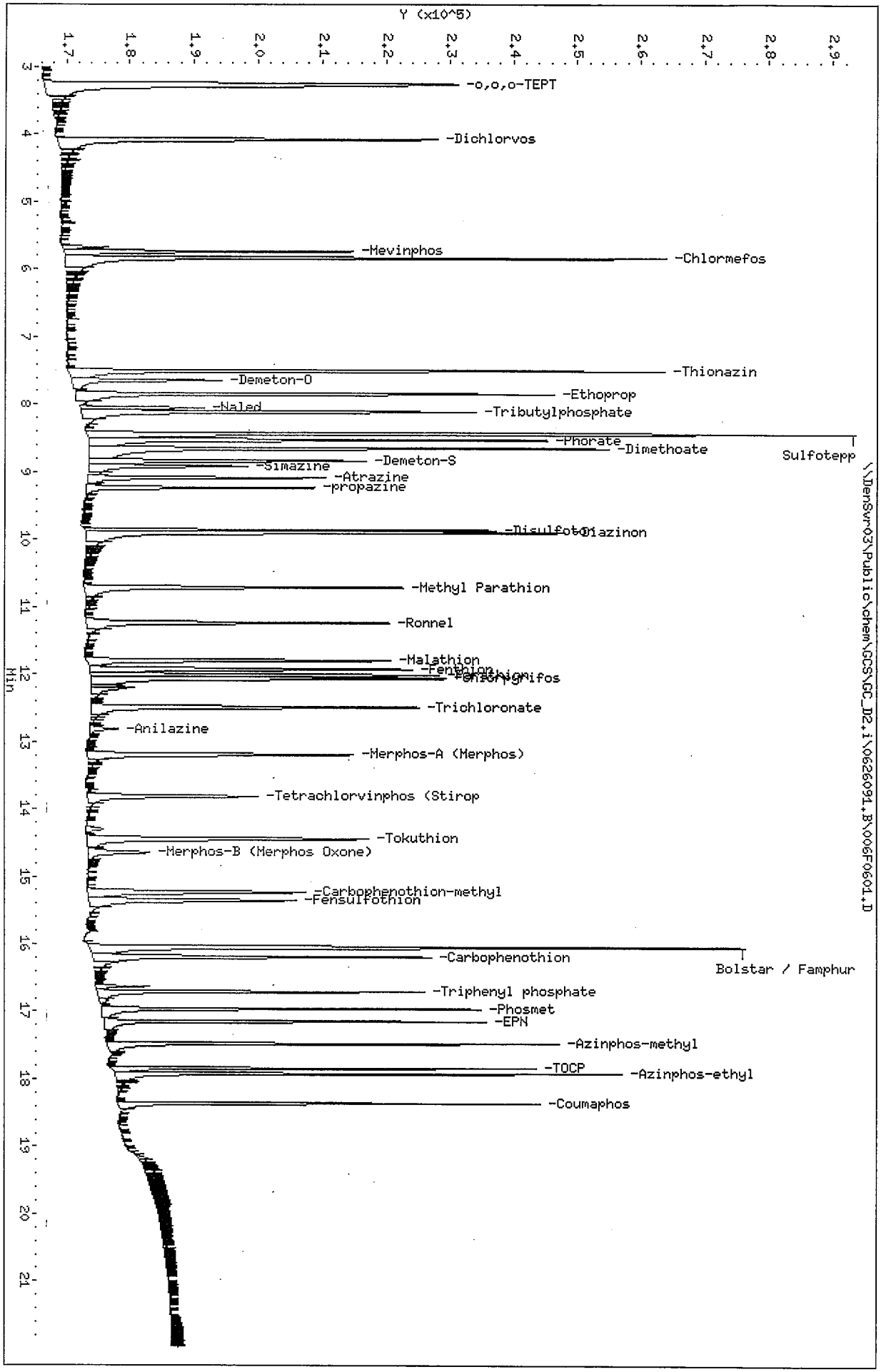
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 006F0601.D
Lab Smp Id: OPP L4 GSV0638
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Calibration Date: 26-JUN-2009
Calibration Time: 19:50
Client Smp ID: OPP L4 GSV0638
Level:
Sample Type:
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Misc Info: IS - GSV0633-09

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	160310	80155	320620	160310	0.00
39 TOCP	97363	48682	194726	97363	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.11	7.61	8.61	8.11	0.00
39 TOCP	17.84	17.34	18.34	17.84	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



Data File: \\DenSvr03\Public\chem\GCS\GC_D2,i\0626091,B\006F0604,D
Date : 26-JUN-2009 19:50
Client ID: OPP L4 GSV0638
Sample Info: OPP L4 GSV0638
Column phase: RTx-1MS

Instrument: GC_D2,i
Operator: HPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\007F0701.D
Lab Smp Id: OPP L3 GSV0639 Client Smp ID: OPP L3 GSV0639
Inj Date : 26-JUN-2009 20:18
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L3 GSV0639
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Meth Date : 30-Jun-2009 12:45 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 19:50 Cal File: 006F0601.D
Als bottle: 7 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1 o,o,o-TEPT	3.253	3.254	(0.182)	136897	1.00000	0.9509
	2 Dichlorvos	4.075	4.074	(0.228)	81003	1.00000	0.9061
	3 Mevinphos	5.738	5.739	(0.322)	46063	1.00000	0.9380
$	4 Chlormefos	5.833	5.836	(0.327)	102183	1.00000	0.9128
	5 Thionazin	7.503	7.507	(0.421)	99560	1.00000	0.9745
	6 Demeton-O	7.645	7.649	(0.429)	30145	0.32500	0.2917
	7 Ethoprop	7.850	7.852	(0.440)	82934	1.00000	0.9263
	8 Naled	8.055	8.057	(0.451)	15042	1.00000	0.8141
*	9 Tributylphosphate	8.113	8.135	(1.000)	156624	2.00000	
	10 Sulfotepp	8.438	8.442	(0.473)	131347	1.00000	0.9856
	11 Phorate	8.530	8.532	(0.478)	88795	1.00000	0.9577
	12 Dimethoate	8.657	8.659	(0.485)	105981	1.00000	0.9840
	13 Demeton-S	8.840	8.846	(0.495)	51826	0.68000	0.6636
	14 Simazine	8.918	8.924	(0.500)	29382	1.00000	0.8660
	15 Atrazine	9.088	9.094	(0.509)	38356	1.00000	0.9184
	16 propazine	9.235	9.241	(0.518)	35375	1.00000	0.9180
	17 Disulfoton	9.867	9.869	(0.553)	61920	1.00000	0.9637
	18 Diazinon	9.902	9.902	(0.555)	93892	1.00000	0.9427
	19 Methyl Parathion	10.715	10.717	(0.601)	58112	1.00000	0.9200
	20 Ronnel	11.240	11.241	(0.630)	61984	1.00000	0.9493
	21 Malathion	11.800	11.804	(0.661)	57103	1.00000	0.9353
	22 Fenthion	11.930	11.932	(0.669)	59512	1.00000	0.9268
	23 Parathion	12.017	12.019	(0.674)	63007	1.00000	0.9220
	24 Chlorpyrifos	12.067	12.067	(0.676)	75298	1.00000	0.9108
	25 Trichloronate	12.493	12.496	(0.700)	68852	1.00000	0.9318
	26 Anilazine	12.817	12.817	(0.718)	5311	1.00000	0.9480
	27 Merphos-A (Merphos)	13.198	13.199	(0.740)	59249	1.00000	0.9611
	28 Tetrachlorvinphos (Stirophos)	13.818	13.824	(0.775)	37534	1.00000	0.9161
	29 Tokuthion	14.448	14.449	(0.810)	66164	1.00000	0.9341
	30 Merphos-B (Merphos Oxone)	14.647	14.651	(0.821)	11676	1.00000	0.7212
	31 Carbophenothion-methyl	15.235	15.239	(0.854)	55023	1.00000	0.9704
	32 Fensulfothion	15.360	15.361	(0.861)	51304	1.00000	0.9402
	33 Bolstar / Famphur	16.050	16.053	(0.900)	135217	2.00000	1.995

		Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34	Carbophenothion	16.193	16.197	(0.908)	65237	1.00000	0.9596
$	35	Triphenyl phosphate	16.708	16.712	(0.936)	49547	1.00000	0.9591
	36	Phosmet	16.962	16.963	(0.951)	56728	1.00000	0.9749
	37	EPN	17.148	17.151	(0.961)	48705	1.00000	0.9045
	38	Azinphos-methyl	17.478	17.480	(0.980)	59658	1.00000	0.9622
*	39	TOCP	17.842	17.846	(1.000)	102183	2.00000	
	40	Azinphos-ethyl	17.923	17.926	(1.005)	74071	1.00000	0.9989
	41	Coumaphos	18.363	18.366	(1.029)	47132	1.00000	0.9424
S	42	Merphos				70925	1.00000	0.8976
M	43	Total Demeton				81971	1.00000	0.9553

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

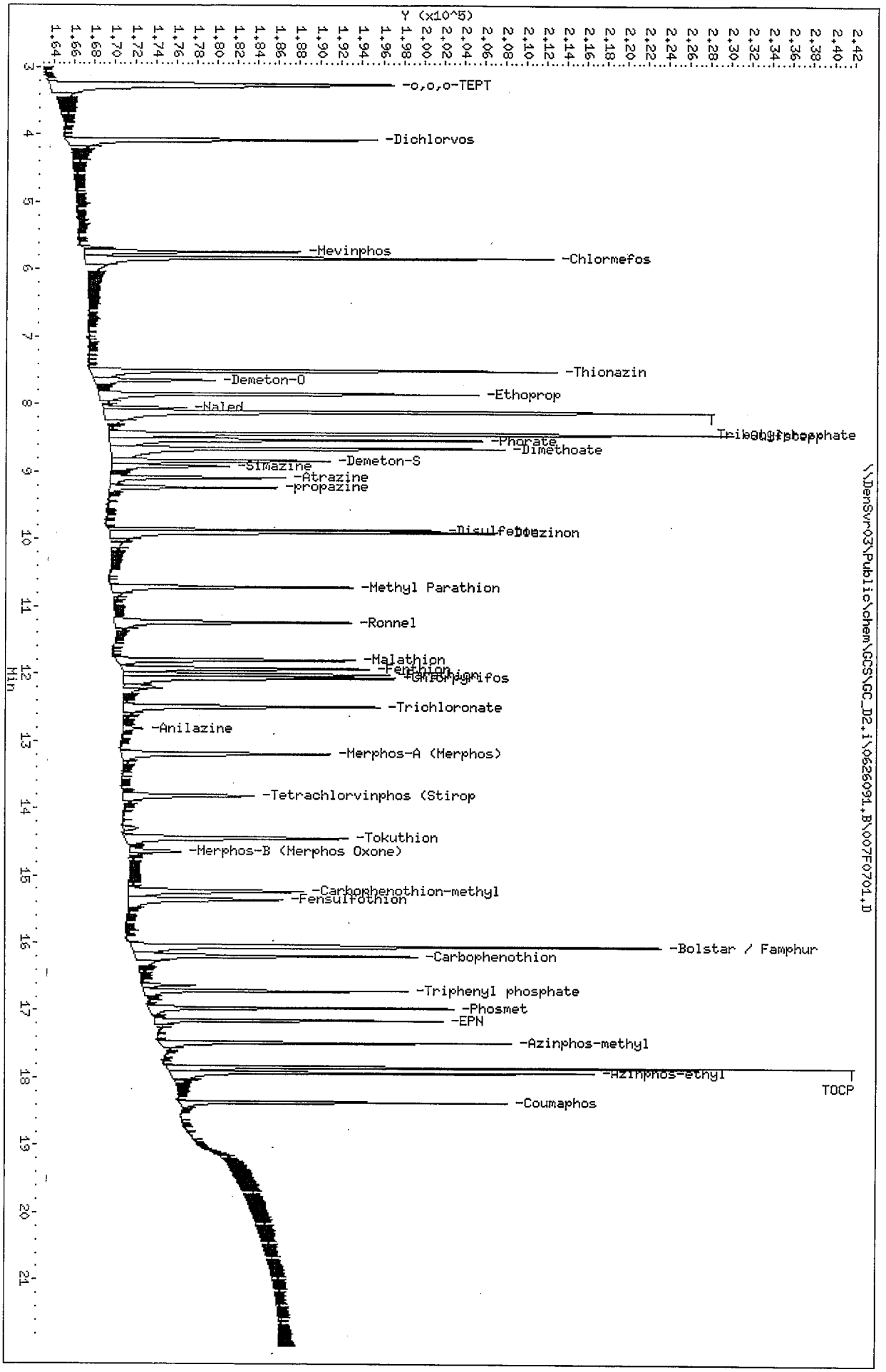
Instrument ID: GC_D2.i
Lab File ID: 007F0701.D
Lab Smp Id: OPP L3 GSV0639
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 26-JUN-2009
Calibration Time: 19:50
Client Smp ID: OPP L3 GSV0639
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	160310	80155	320620	156624	-2.30
39 TOCP	97363	48682	194726	102183	4.95

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.11	7.61	8.61	8.11	0.02
39 TOCP	17.84	17.34	18.34	17.84	-0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\007F0701.D
Date : 26-JUN-2009 20:18
Client ID: OPP L3 GSV0639
Sample Info: OPP L3 GSV0639
Column phase: RTx-1MS
Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32
\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\007F0701.D
Y (x10^5)
Min
-o,o,o-TEPT
-Dichlorvos
-Mevinphos
-Chlormefos
-Thionazin
-Demeton-O
-Ethoprop
-Naled
-Phorate
-Dimethoate
-Simazine
-Demeton-S
-Atrazine
-propazine
-Methyl Parathion
-Ronnel
-Malathion
-Trichloronate
-Anilazine
-Merphos-A (Merphos)
-Tetrachlorvinphos (Stirop
-Tokuthion
-Merphos-B (Merphos Oxone)
-Carbophenothion-methyl
-Fensulfothion
-Bolstar / Famphur
-Carbophenothion
-Triphenyl phosphate
-Phosmet
-EPN
-Azinphos-methyl
-Azinphos-ethyl
TCCP
-Coumaphos

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\008F0801.D
Lab Smp Id: OPP L2 GSV0640 Client Smp ID: OPP L2 GSV0640
Inj Date : 26-JUN-2009 20:45
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L2 GSV0640
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Meth Date : 30-Jun-2009 12:45 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 20:18 Cal File: 007F0701.D
Als bottle: 8 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1 o,o,o-TEPT	3.255	3.254	(0.182)	68743	0.50000	0.4680
	2 Dichlorvos	4.076	4.074	(0.228)	42284	0.50000	0.4636
	3 Mevinphos	5.738	5.739	(0.322)	23796	0.50000	0.4749
$	4 Chlormefos	5.833	5.836	(0.327)	53089	0.50000	0.4648
	5 Thionazin	7.505	7.507	(0.421)	50724	0.50000	0.4866
	6 Demeton-O	7.646	7.649	(0.429)	17553	0.16250	0.1554
	7 Ethoprop	7.851	7.852	(0.440)	44525	0.50000	0.4874
	8 Naled	8.056	8.057	(0.452)	6103	0.50000	0.4398
*	9 Tributylphosphate	8.113	8.135	(1.000)	165852	2.00000	
	10 Sulfotepp	8.438	8.442	(0.473)	70885	0.50000	0.4886
	11 Phorate	8.530	8.532	(0.478)	47685	0.50000	0.5040
	12 Dimethoate	8.660	8.659	(0.485)	46100	0.50000	0.4195
	13 Demeton-S	8.843	8.846	(0.496)	25917	0.34000	0.3252
	14 Simazine	8.920	8.924	(0.500)	16248	0.50000	0.5059
	15 Atrazine	9.091	9.094	(0.510)	19948	0.50000	0.4681
	16 propazine	9.236	9.241	(0.518)	18281	0.50000	0.4649
	17 Disulfoton	9.866	9.869	(0.553)	33208	0.50000	0.4883
	18 Diazinon	9.903	9.902	(0.555)	47843	0.50000	0.4708
	19 Methyl Parathion	10.715	10.717	(0.601)	28773	0.50000	0.4464
	20 Ronnel	11.240	11.241	(0.630)	32156	0.50000	0.4827
	21 Malathion	11.800	11.804	(0.661)	30581	0.50000	0.4713
	22 Fenthion	11.931	11.932	(0.669)	30876	0.50000	0.4713
	23 Parathion	12.016	12.019	(0.673)	32682	0.50000	0.4687
	24 Chlorpyrifos	12.066	12.067	(0.676)	40856	0.50000	0.4843
	25 Trichloronate	12.493	12.496	(0.700)	37156	0.50000	0.4928
	26 Anilazine	12.820	12.817	(0.718)	2095	0.50000	0.4035 (M)
	27 Merphos-A (Merphos)	13.200	13.199	(0.740)	30112	0.50000	0.4787
	28 Tetrachlorvinphos (Stirophos)	13.818	13.824	(0.774)	19446	0.50000	0.4652
	29 Tokuthion	14.448	14.449	(0.810)	33437	0.50000	0.4626
	30 Merphos-B (Merphos Oxone)	14.651	14.651	(0.821)	7933	0.50000	0.4872 (M)
	31 Carbophenothion-methyl	15.235	15.239	(0.854)	30542	0.50000	0.4974
	32 Fensulfothion	15.360	15.361	(0.861)	23000	0.50000	0.4661
	33 Bolstar / Famphur	16.050	16.053	(0.899)	66619	1.00000	0.9635

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/mL)
	34 Carbophenothion	16.193	16.197	(0.908)	31276	0.50000	0.4509
$	35 Triphenyl phosphate	16.710	16.712	(0.936)	25861	0.50000	0.4906
	36 Phosmet	16.961	16.963	(0.951)	26426	0.50000	0.4451
	37 EPN	17.148	17.151	(0.961)	23196	0.50000	0.4484
	38 Azinphos-methyl	17.478	17.480	(0.980)	29588	0.50000	0.4677
*	39 TOCP	17.843	17.846	(1.000)	104260	2.00000	
	40 Azinphos-ethyl	17.923	17.926	(1.004)	43578	0.50000	0.5132
	41 Coumaphos	18.363	18.366	(1.029)	23408	0.50000	0.4587
S	42 Merphos				38045	0.50000	0.4789
M	43 Total Demeton				43470	0.50000	0.4806

QC Flag Legend

M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

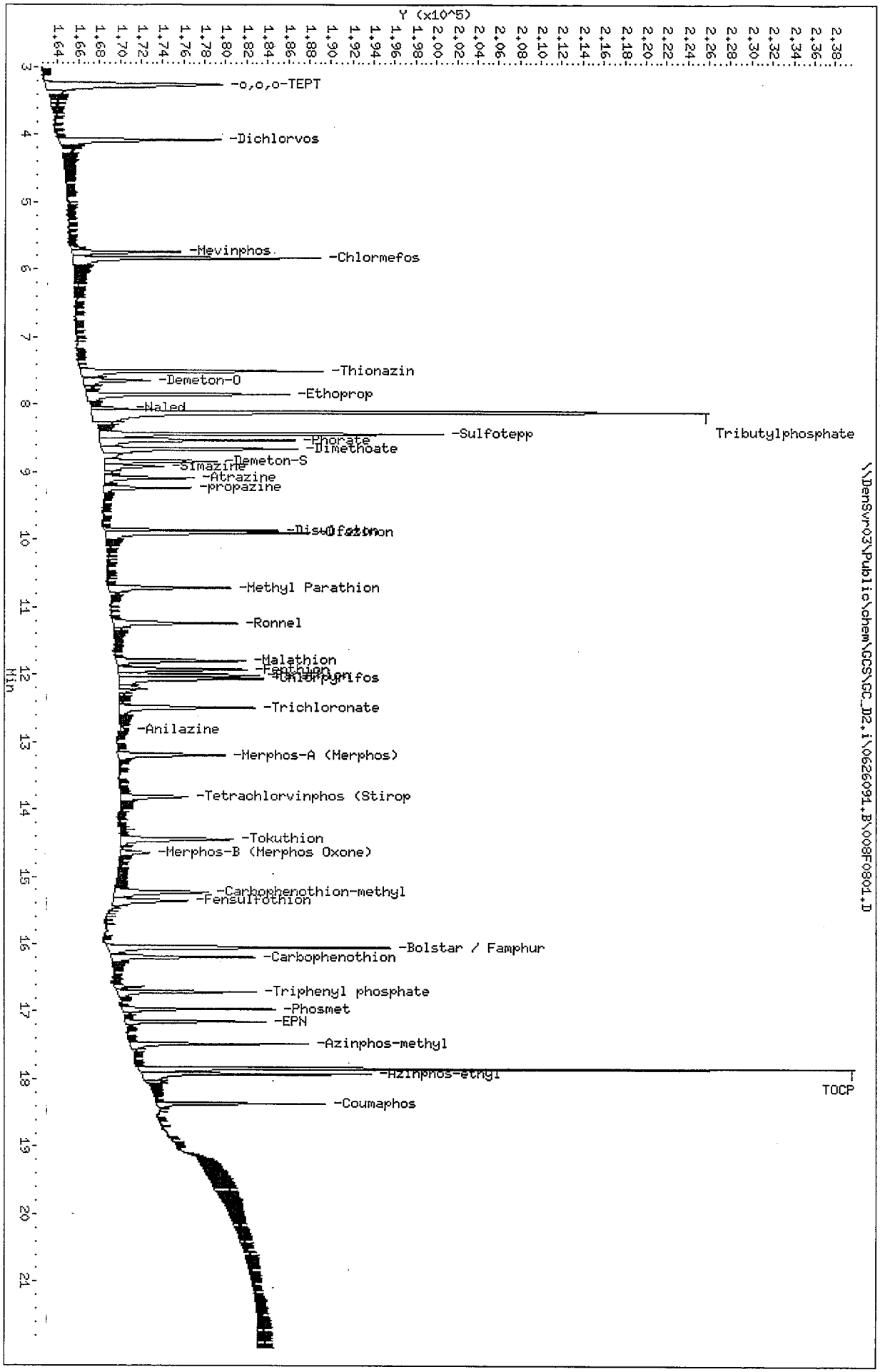
Instrument ID: GC_D2.i
Lab File ID: 008F0801.D
Lab Smp Id: OPP L2 GSV0640
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 26-JUN-2009
Calibration Time: 19:50
Client Smp ID: OPP L2 GSV0640
Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	160310	80155	320620	165852	3.46
39 TOCP	97363	48682	194726	104260	7.08

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.11	7.61	8.61	8.11	0.01
39 TOCP	17.84	17.34	18.34	17.84	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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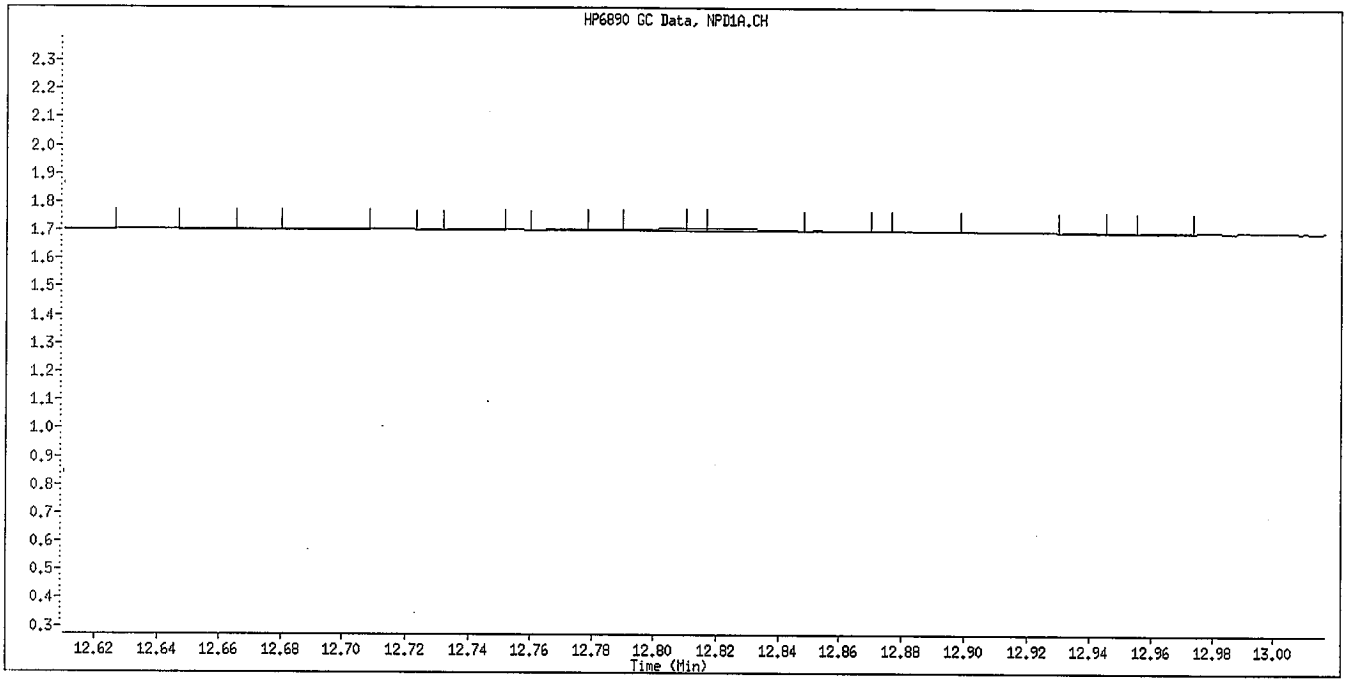
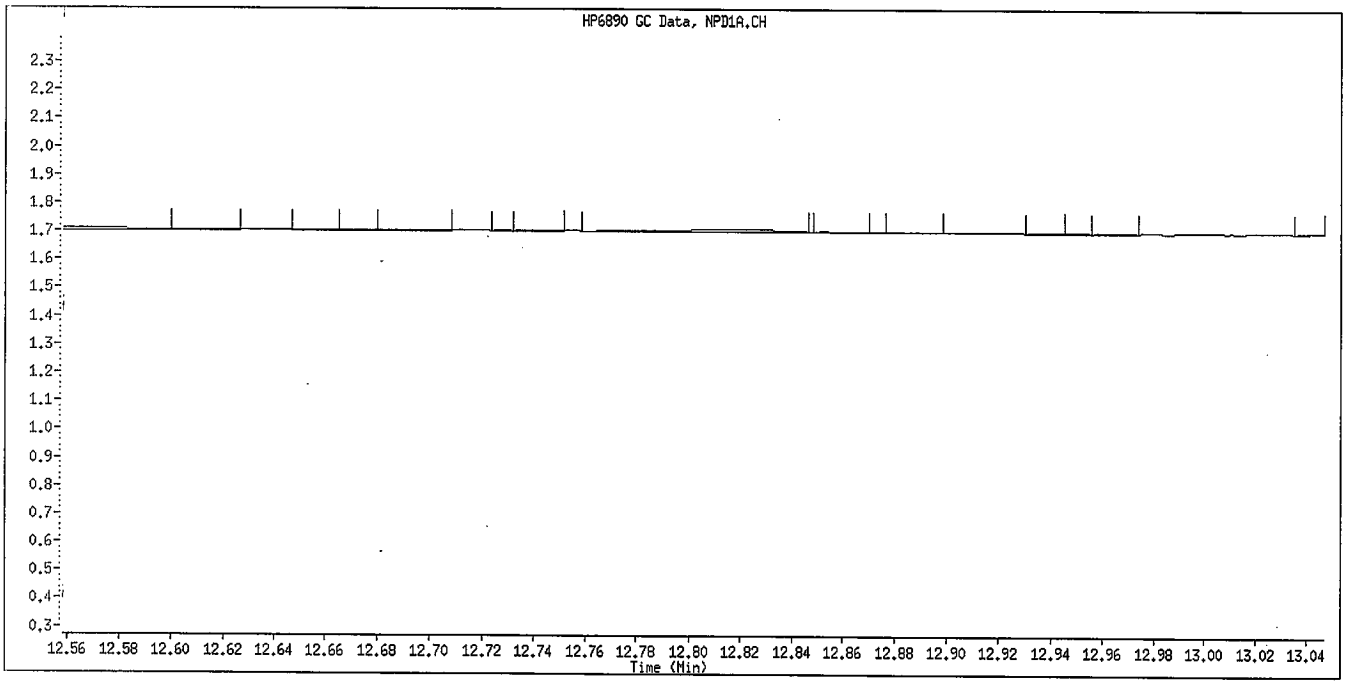
Date : 26-JUN-2009 20:45
Client ID: OPP L2 GSV0640
Sample Info: OPP L2 GSV0640
Column phase: RTx-1MS
Instrument: GC_D2,i
Operator: MPK/TLW
Column diameter: 0.32
Page 4
Y (x10^5)
Min
-o,o,o-TEPT
-Dichlorvos
-Mevinphos
-Chlormefos
-Thionazin
-Demeton-O
-Ethoprop
-Naled
-Sulfotepp
-Phorate
-Dimethoate
-Demeton-S
-Simazine
-Atrazine
-propazine
-Diazinon
-Methyl Parathion
-Ronnel
-Malathion
-Fenthion
-Chlorpyrifos
-Trichloronate
-Anilazine
-Merphos-A (Merphos)
-Tetrachlorvinphos (Stirop
-Tokuthion
-Merphos-B (Merphos Oxone)
-Carbophenothion-methyl
-Fensulfothion
-Bolstar / Famphur
-Carbophenothion
-Triphenyl phosphate
-Phosmet
-EPN
-Azinphos-methyl
-Azinphos-ethyl
-Coumaphos
Tributylphosphate
TOCP
\\DenSvr03\Public\chem\GCS\GC_D2,i\0626091,B\008F0801,D

Data File Name: 008F0801.D
Inj. Date and Time: 26-JUN-2009 20:45
Instrument ID: GC_D2.i
Client ID: OPP L2 GSV0640
Compound Name: Anilazine
CAS #:
Report Date: 06/30/2009



Original Integration

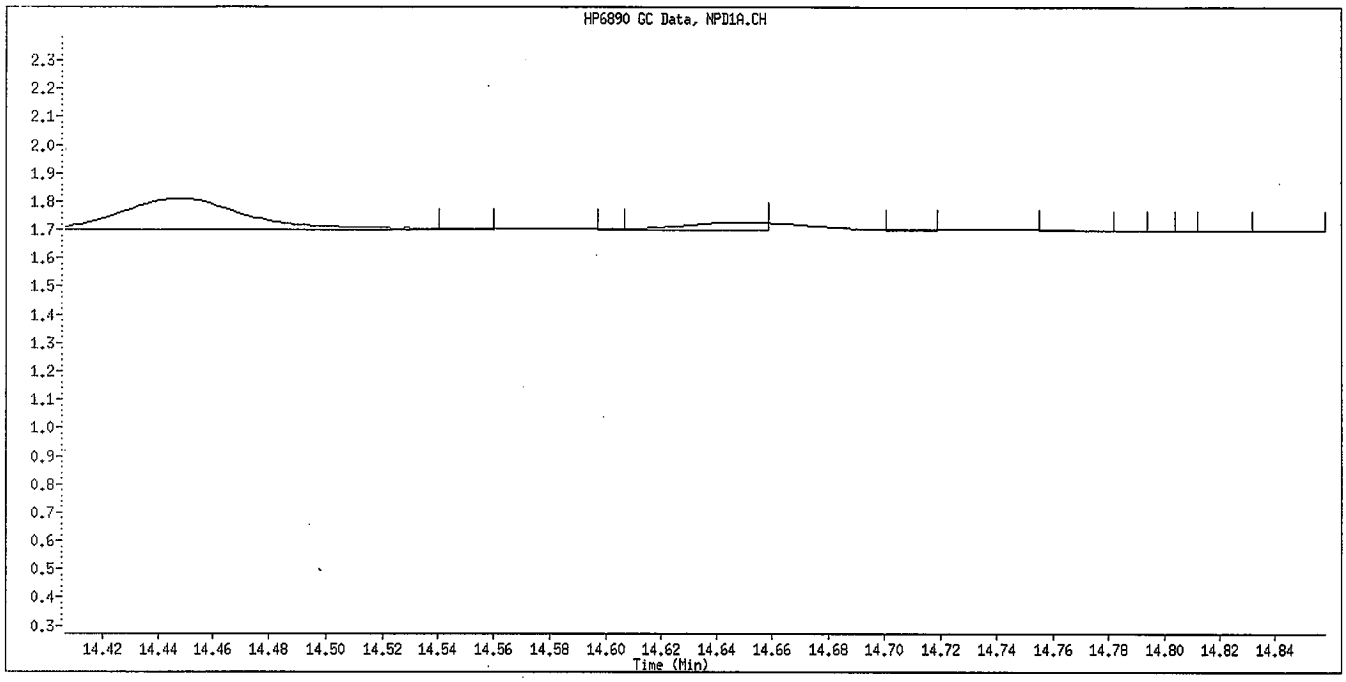


Manual Integration

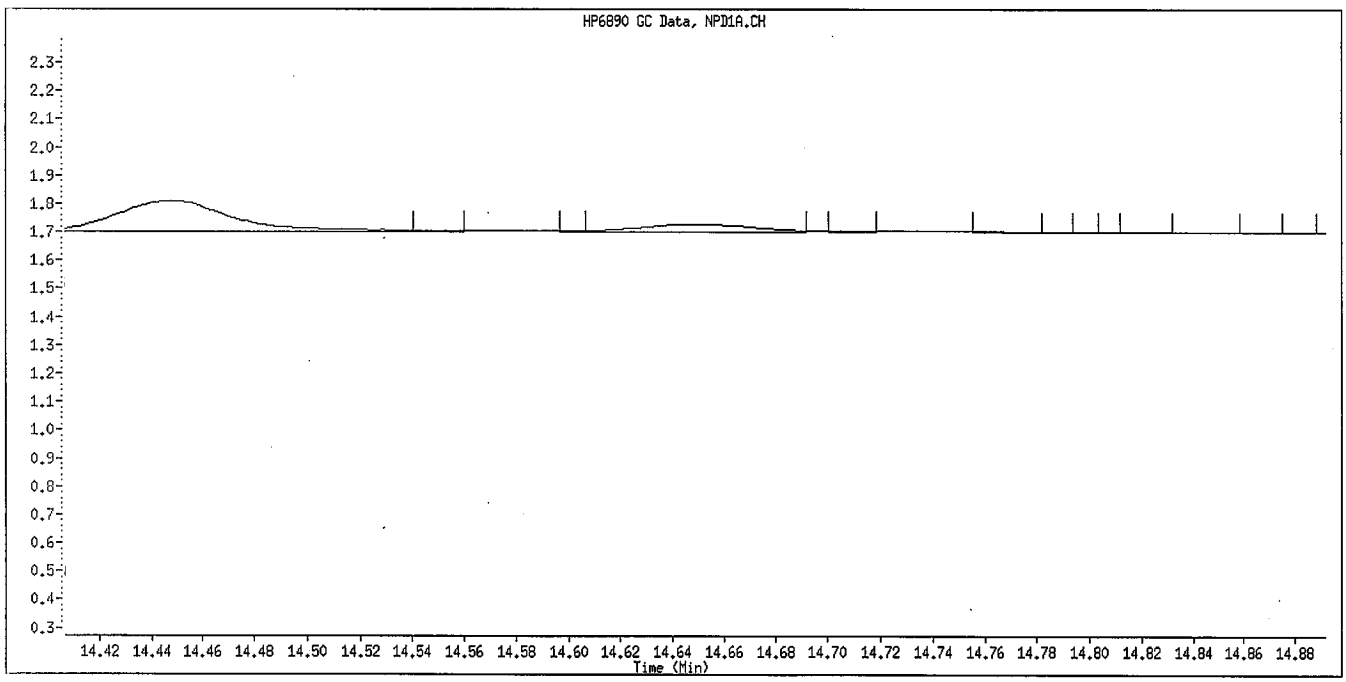
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

7/30/09

Data File Name: 008F0801.D
Inj. Date and Time: 26-JUN-2009 20:45
Instrument ID: GC_D2.i
Client ID: OPP L2 GSV0640
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\009F0901.D
Lab Smp Id: OPP L1 GSV0641 Client Smp ID: OPP L1 GSV0641
Inj Date : 26-JUN-2009 21:13
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L1 GSV0641
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Meth Date : 30-Jun-2009 12:45 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 20:45 Cal File: 008F0801.D
Als bottle: 9 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/mL)
	1 o,o,o-TEPT	3.258	3.254	(0.183)	32995	0.20000	0.2212
	2 Dichlorvos	4.081	4.074	(0.229)	21359	0.20000	0.2306
	3 Mevinphos	5.743	5.739	(0.322)	10777	0.20000	0.2118
$	4 Chlormefos	5.834	5.836	(0.327)	24167	0.20000	0.2083
	5 Thionazin	7.506	7.507	(0.421)	22524	0.20000	0.2127
	6 Demeton-O	7.646	7.649	(0.429)	9836	0.06500	0.07420
	7 Ethoprop	7.854	7.852	(0.440)	20488	0.20000	0.2208
	8 Naled	8.063	8.057	(0.452)	1992	0.20000	0.2720(M)
*	9 Tributylphosphate	8.114	8.135	(1.000)	165799	2.00000	
	10 Sulfotepp	8.439	8.442	(0.473)	34658	0.20000	0.1992
	11 Phorate	8.531	8.532	(0.478)	21475	0.20000	0.2235
	12 Dimethoate	8.664	8.659	(0.486)	20073	0.20000	0.1798
	13 Demeton-S	8.846	8.846	(0.496)	10751	0.13600	0.1328
	14 Simazine	8.926	8.924	(0.500)	4819	0.20000	0.2042(M)
	15 Atrazine	9.093	9.094	(0.510)	7432	0.20000	0.1717
	16 propazine	9.238	9.241	(0.518)	7824	0.20000	0.1959
	17 Disulfoton	9.868	9.869	(0.553)	15404	0.20000	0.2020
	18 Diazinon	9.904	9.902	(0.555)	23321	0.20000	0.2259
	19 Methyl Parathion	10.716	10.717	(0.601)	12987	0.20000	0.1984
	20 Ronnel	11.239	11.241	(0.630)	15128	0.20000	0.2236
	21 Malathion	11.801	11.804	(0.661)	15443	0.20000	0.2136
	22 Fenthion	11.931	11.932	(0.669)	15507	0.20000	0.2330
	23 Parathion	12.019	12.019	(0.674)	15083	0.20000	0.2130
	24 Chlorpyrifos	12.069	12.067	(0.676)	19655	0.20000	0.2294
	25 Trichloronate	12.494	12.496	(0.700)	15328	0.20000	0.2002
	26 Anilazine	12.824	12.817	(0.719)	1493	0.20000	0.2971(M)
	27 Merphos-A (Merphos)	13.199	13.199	(0.740)	13220	0.20000	0.2069
	28 Tetrachlorvinphos (Stirophos)	13.823	13.824	(0.775)	8134	0.20000	0.1916
	29 Tokuthion	14.448	14.449	(0.810)	15915	0.20000	0.2168
	30 Merphos-B (Merphos Oxone)	14.656	14.651	(0.821)	3884	0.20000	0.2457(M)
	31 Carbophenothion-methyl	15.238	15.239	(0.854)	14924	0.20000	0.2045
	32 Fensulfothion	15.364	15.361	(0.861)	8319	0.20000	0.2269
	33 Bolstar / Famphur	16.049	16.053	(0.899)	32824	0.40000	0.4674

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	16.193	16.197	(0.908)	16722	0.20000	0.2374
$	35 Triphenyl phosphate	16.709	16.712	(0.936)	11646	0.20000	0.2175
	36 Phosmet	16.963	16.963	(0.951)	12928	0.20000	0.2144
	37 EPN	17.148	17.151	(0.961)	9525	0.20000	0.2105
	38 Azinphos-methyl	17.478	17.480	(0.980)	12661	0.20000	0.1970
*	39 TOCP	17.843	17.846	(1.000)	105892	2.00000	
	40 Azinphos-ethyl	17.923	17.926	(1.004)	23154	0.20000	0.1978
	41 Coumaphos	18.364	18.366	(1.029)	10604	0.20000	0.2046
S	42 Merphos				17104	0.20000	0.2120
M	43 Total Demeton				20587	0.20000	0.2070

QC Flag Legend

M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 009F0901.D
Lab Smp Id: OPP L1 GSV0641
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 26-JUN-2009
Calibration Time: 19:50
Client Smp ID: OPP L1 GSV0641
Level:
Sample Type:

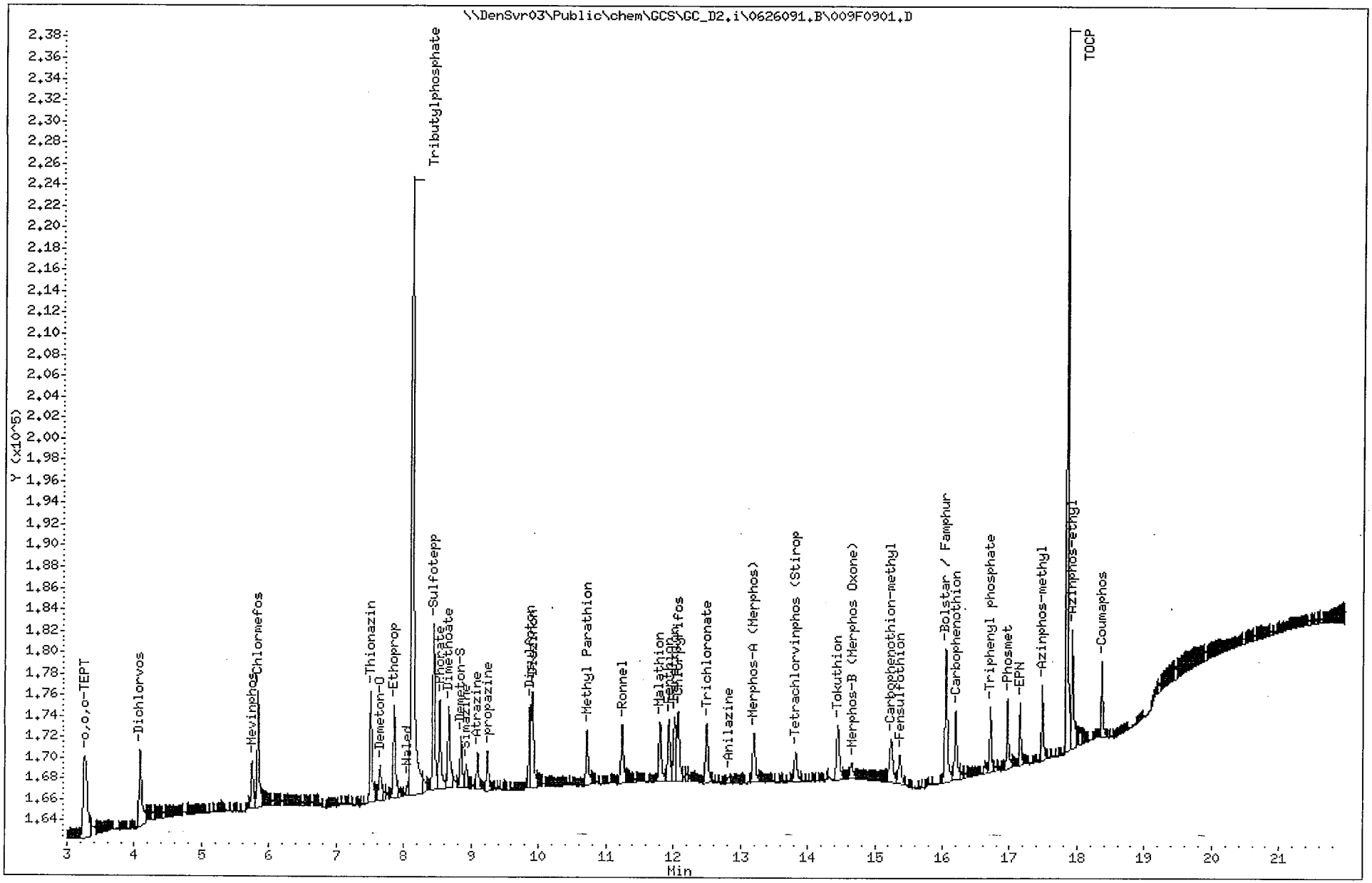
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	160310	80155	320620	165799	3.42
39 TOCP	97363	48682	194726	105892	8.76

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.11	7.61	8.61	8.11	0.03
39 TOCP	17.84	17.34	18.34	17.84	-0.01

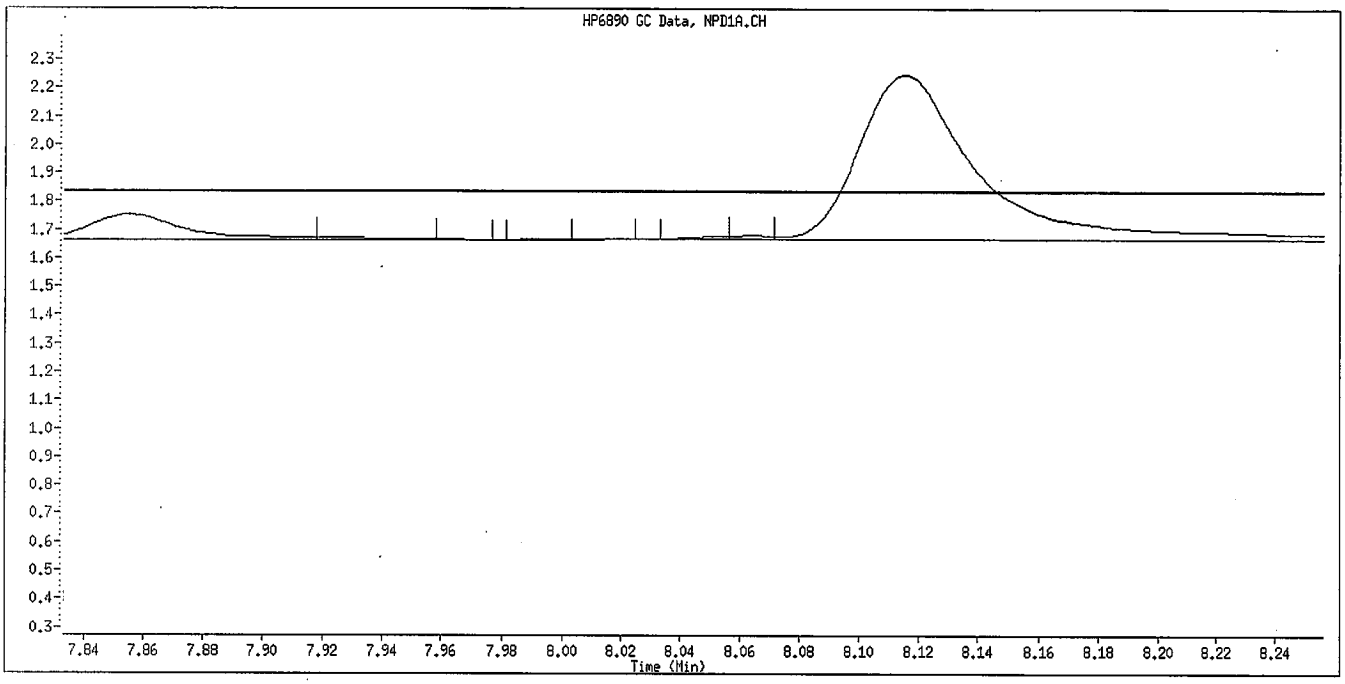
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\009F0901.D
Date : 26-JUN-2009 21:13
Client ID: OPP L1 GSV0641
Sample Info: OPP L1 GSV0641

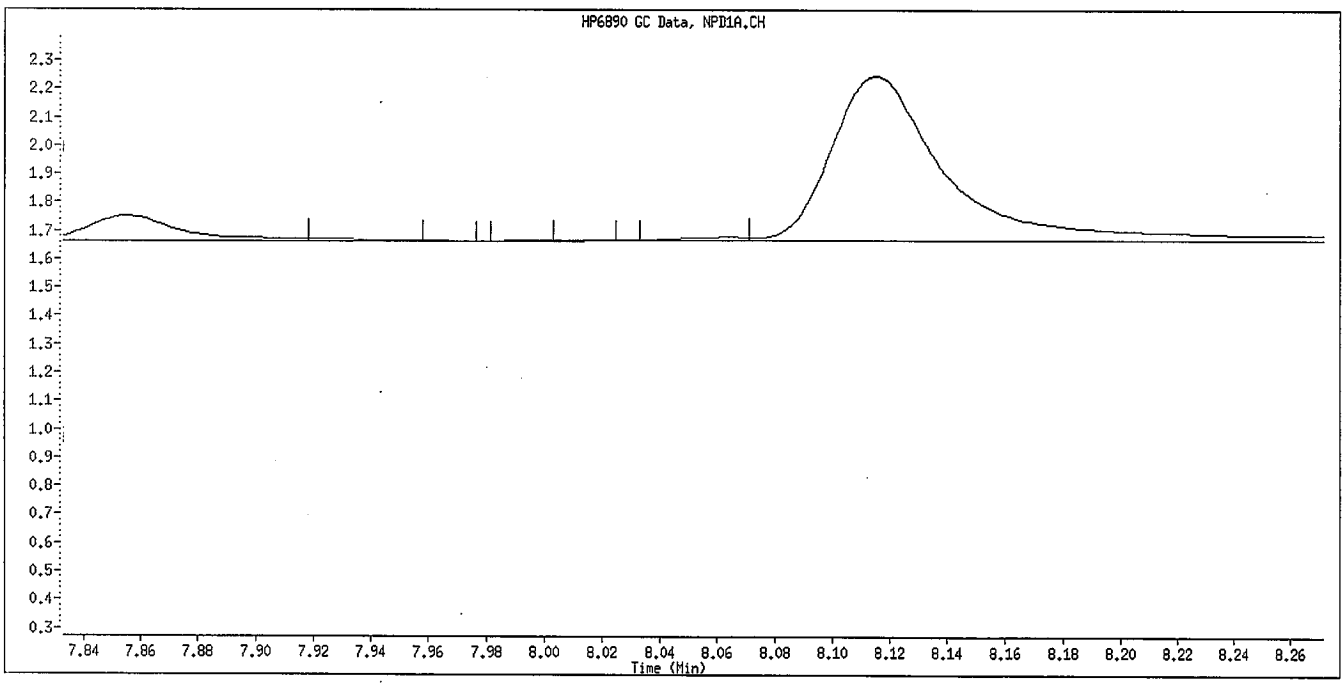
Instrument: GC_D2.i
Operator: MPK/TLW
Column phase: RTx-1MS
Column diameter: 0.32



Data File Name: 009F0901.D
Inj. Date and Time: 26-JUN-2009 21:13
Instrument ID: GC_D2.i
Client ID: OPP L1 GSV0641
Compound Name: Naled
CAS #:
Report Date: 06/30/2009



Original Integration

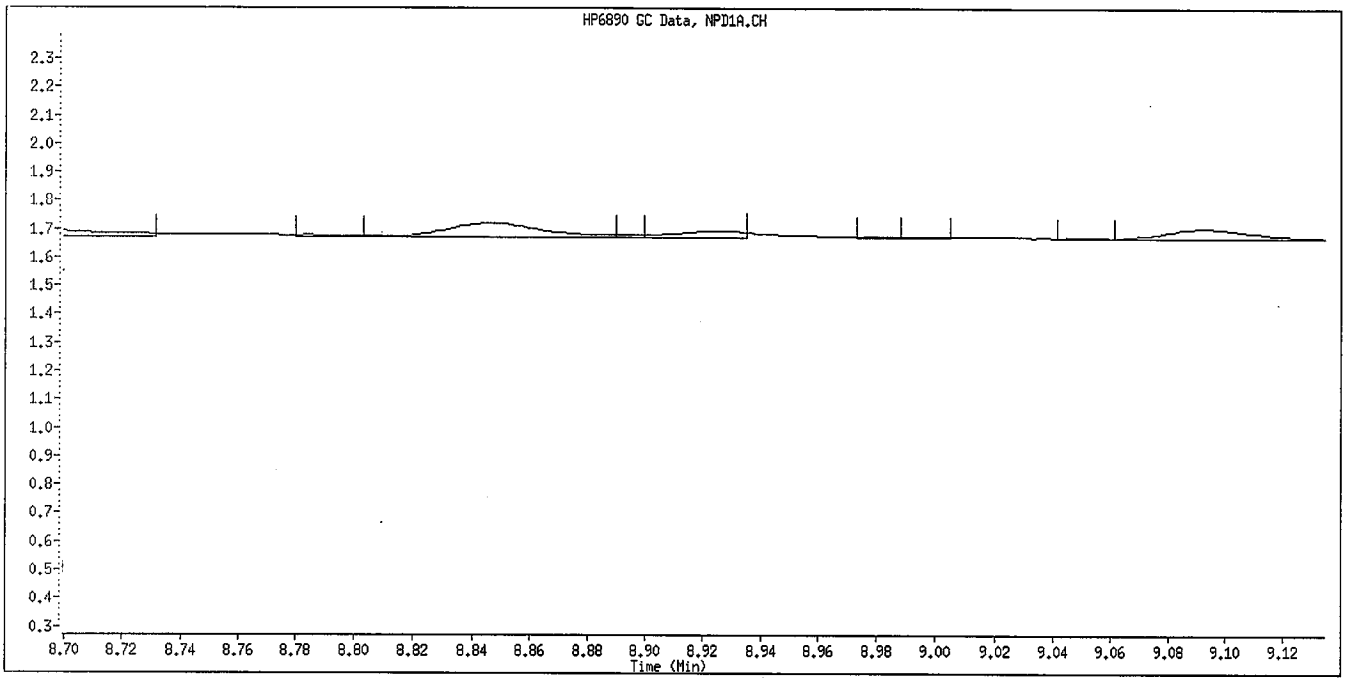


Manual Integration

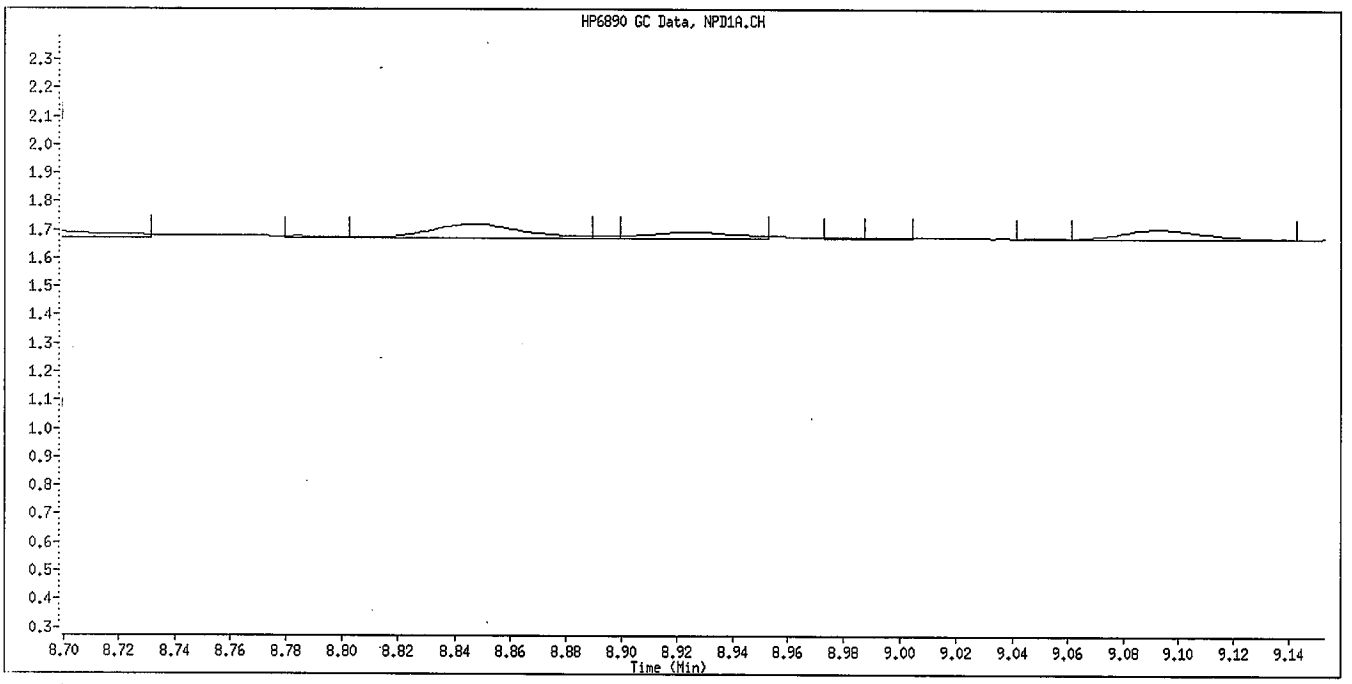
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 009F0901.D
Inj. Date and Time: 26-JUN-2009 21:13
Instrument ID: GC_D2.i
Client ID: OPP L1 GSV0641
Compound Name: Simazine
CAS #:
Report Date: 06/30/2009



Original Integration

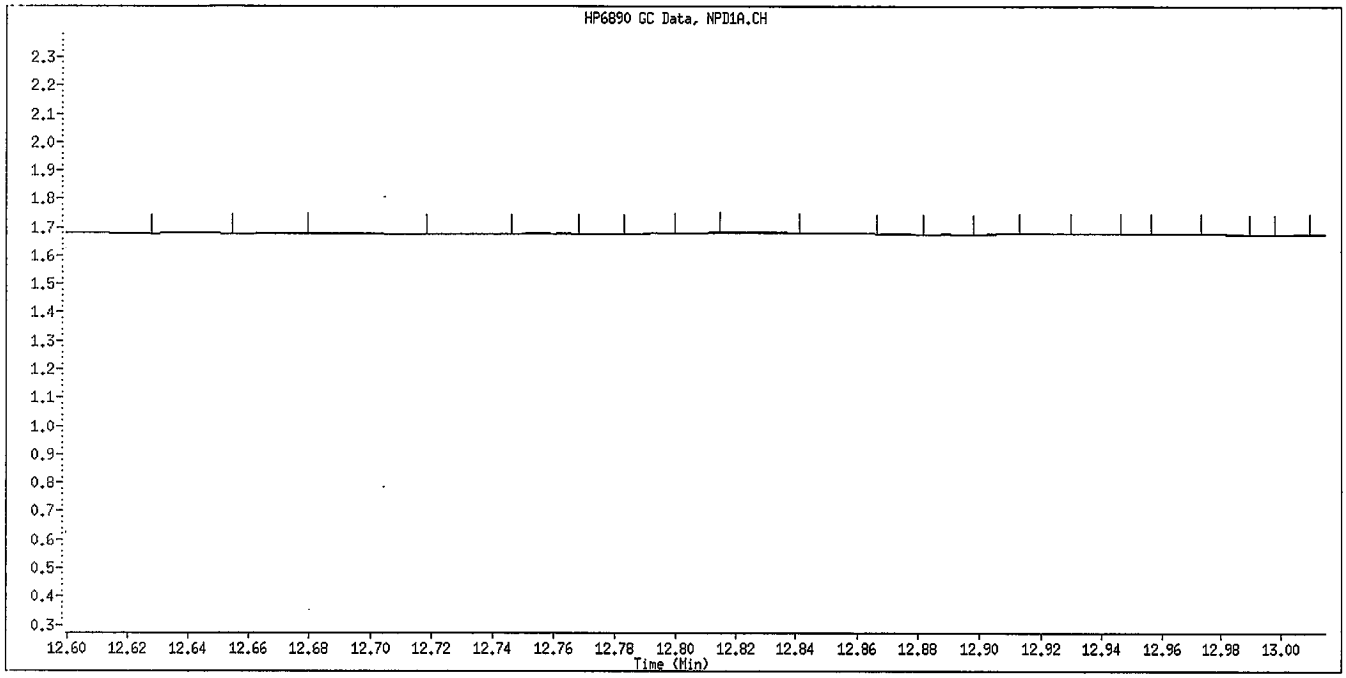


Manual Integration

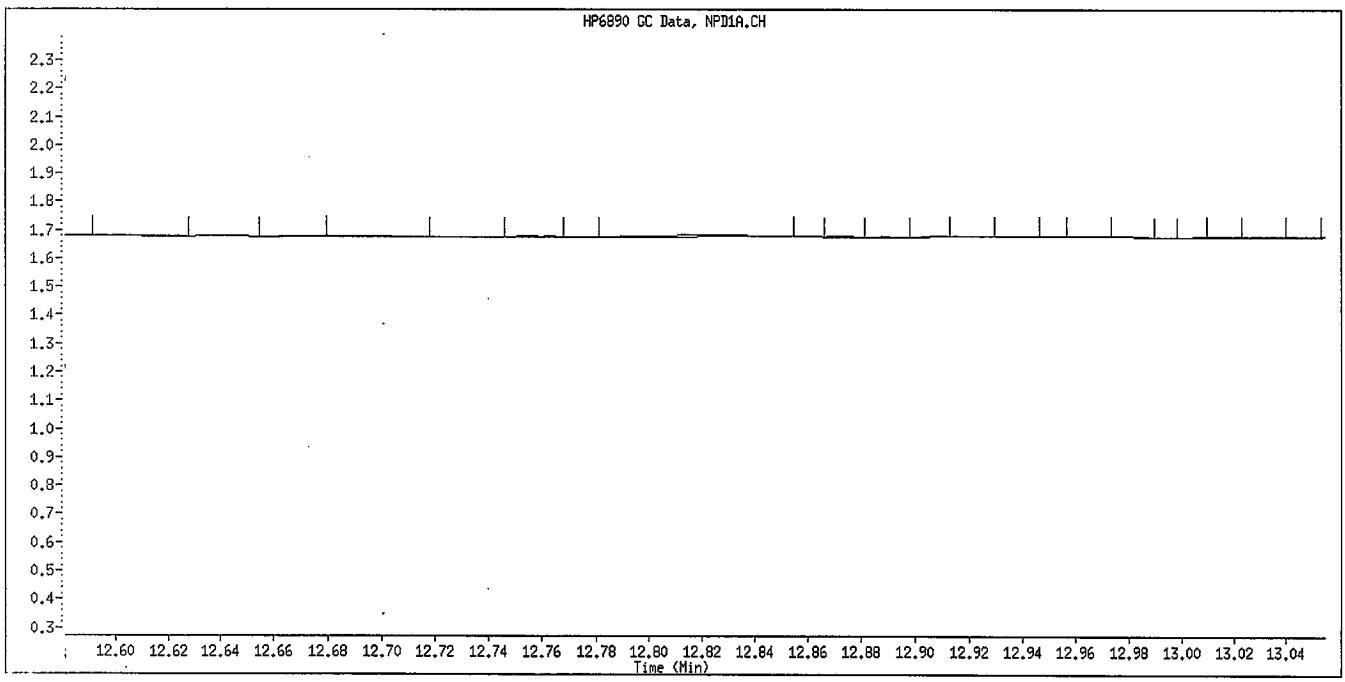
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 009F0901.D
Inj. Date and Time: 26-JUN-2009 21:13
Instrument ID: GC_D2.i
Client ID: OPP L1 GSV0641
Compound Name: Anilazine
CAS #:
Report Date: 06/30/2009



Original Integration

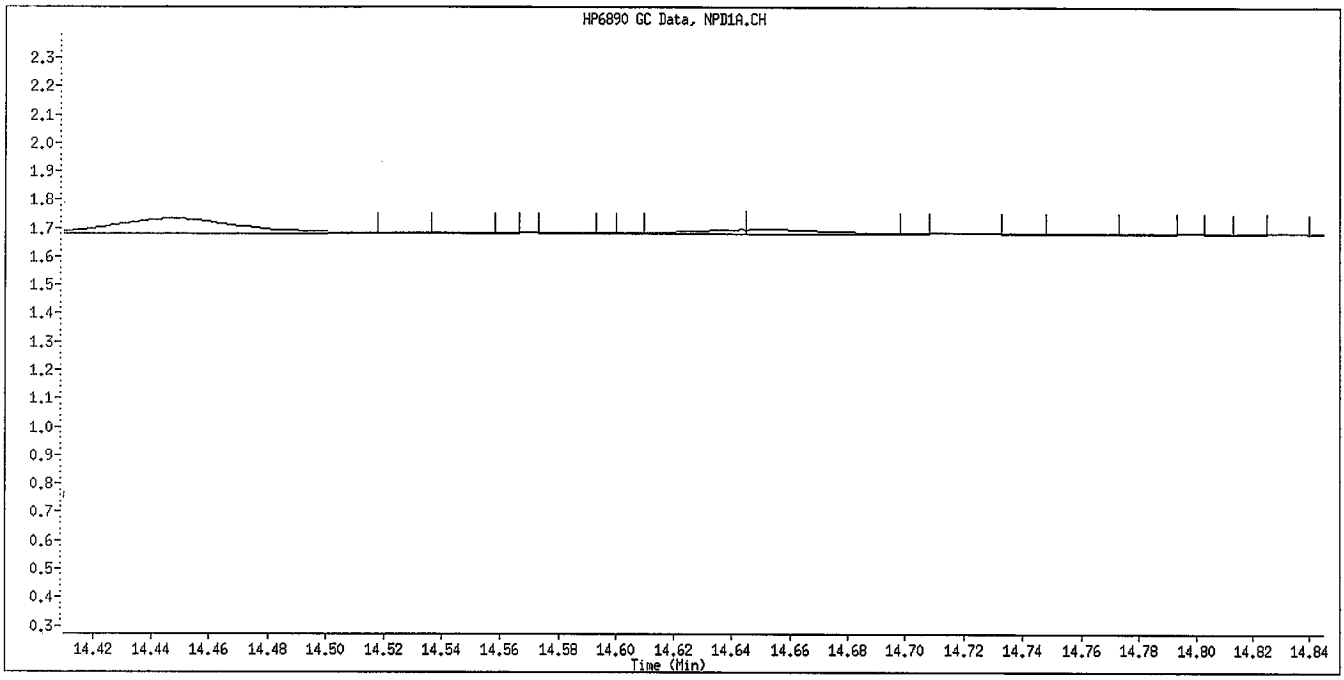


Manual Integration

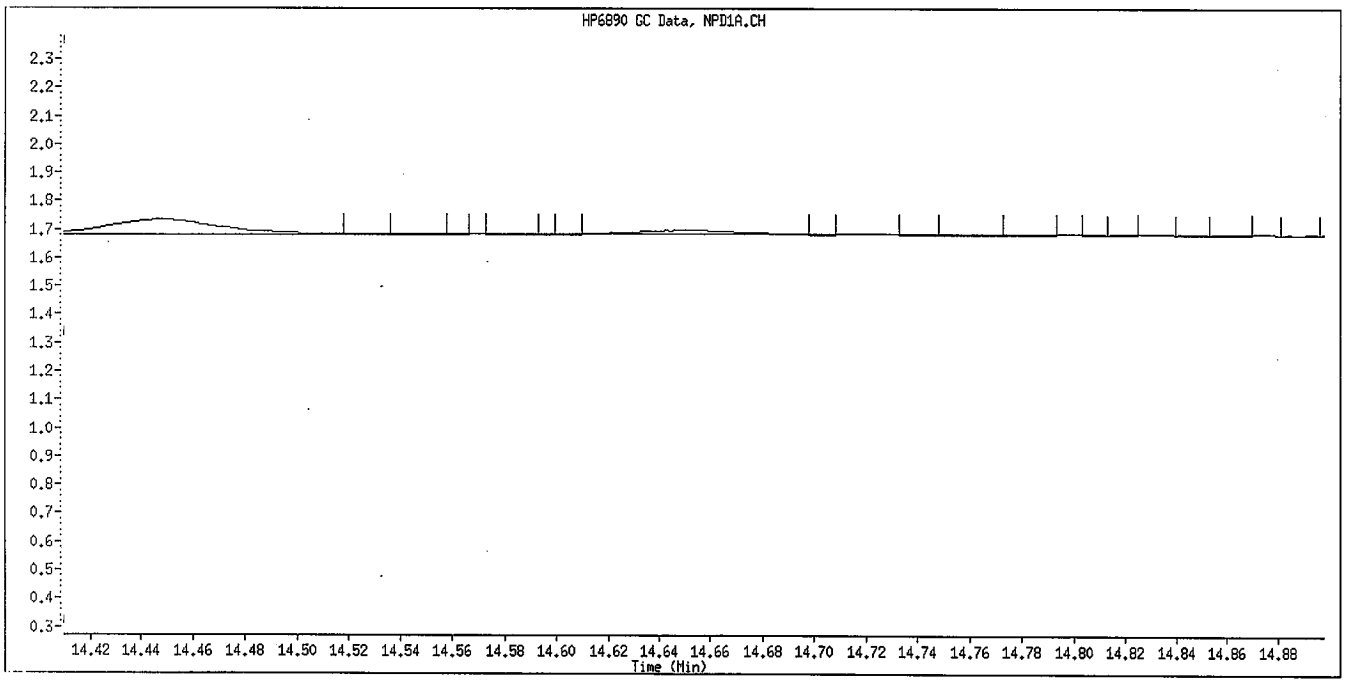
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 009F0901.D
Inj. Date and Time: 26-JUN-2009 21:13
Instrument ID: GC_D2.i
Client ID: OPP L1 GSV0641
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\010F1001.D
Lab Smp Id: OPP SS GSV0633 Client Smp ID: OPP SS GSV0633
Inj Date : 26-JUN-2009 21:40
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP SS GSV0633
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Meth Date : 30-Jun-2009 12:45 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 10 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1 o,o,o-TEPT	3.252	3.254	(0.182)	288886	2.00000	2.058
	2 Dichlorvos	4.074	4.074	(0.228)	166172	2.00000	1.906
	3 Mevinphos	5.737	5.739	(0.322)	81302	2.00000	1.698
$	4 Chlormefos	5.834	5.836	(0.327)	194413	2.00000	1.781
	5 Thionazin	7.504	7.507	(0.421)	196672	2.00000	1.974
	6 Demeton-O	7.645	7.649	(0.429)	175593	0.65000	1.871
	7 Ethoprop	7.849	7.852	(0.440)	179292	2.00000	2.054
	8 Naled	8.054	8.057	(0.451)	23739	2.00000	1.198
*	9 Tributylphosphate	8.112	8.135	(1.000)	166572	2.00000	
	10 Sulfotepp	8.437	8.442	(0.473)	226133	2.00000	1.793
	11 Phorate	8.529	8.532	(0.478)	182466	2.00000	2.018
	12 Dimethoate	8.654	8.659	(0.485)	219089	2.00000	2.086
	13 Demeton-S	8.842	8.846	(0.496)	17618	1.36000	0.2313
	14 Simazine	8.919	8.924	(0.500)	92634	2.00000	2.622
	15 Atrazine	9.089	9.094	(0.509)	79689	2.00000	1.957
	16 propazine	9.235	9.241	(0.518)	71876	2.00000	1.913
	17 Disulfoton	9.865	9.869	(0.553)	98052	2.00000	1.589
	18 Diazinon	9.900	9.902	(0.555)	209627	2.00000	2.158
	19 Methyl Parathion	10.714	10.717	(0.600)	125682	2.00000	2.040
	20 Ronnel	11.237	11.241	(0.630)	136977	2.00000	2.151
	21 Malathion	11.799	11.804	(0.661)	94998	2.00000	1.625
	22 Fenthion	11.929	11.932	(0.669)	117968	2.00000	1.884
	23 Parathion	12.017	12.019	(0.674)	129518	2.00000	1.944
	24 Chlorpyrifos	12.067	12.067	(0.676)	158990	2.00000	1.972
	25 Trichloronate	12.492	12.496	(0.700)	134163	2.00000	1.862
	26 Anilazine	12.817	12.817	(0.718)	5585	2.00000	1.015
	27 Merphos-A (Merphos)	13.195	13.199	(0.740)	24516	2.00000	0.4078
	28 Tetrachlorvinphos (Stirophos)	13.817	13.824	(0.774)	83430	2.00000	2.088
	29 Tokuthion	14.444	14.449	(0.810)	139904	2.00000	2.025
	30 Merphos-B (Merphos Oxone)	14.647	14.651	(0.821)	107349	2.00000	6.623(A)
	31 Carbophenothion-methyl	15.234	15.239	(0.854)	73477	2.00000	1.354
	32 Fensulfothion	15.355	15.361	(0.861)	108213	2.00000	1.924
	33 Bolstar / Famphur	16.047	16.053	(0.899)	268528	4.00000	4.064

		Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34	Carbophenothion	16.194	16.197	(0.908)	123570	2.00000	1.864
$	35	Triphenyl phosphate	16.709	16.712	(0.936)	86501	2.00000	1.717
	36	Phosmet	16.960	16.963	(0.951)	93465	2.00000	1.647
	37	EPN	17.147	17.151	(0.961)	96842	2.00000	1.793
	38	Azinphos-methyl	17.477	17.480	(0.980)	116249	2.00000	1.922
*	39	TOCP	17.842	17.846	(1.000)	99647	2.00000	
	40	Azinphos-ethyl	17.922	17.926	(1.004)	124764	2.00000	1.833
	41	Coumaphos	18.362	18.366	(1.029)	97846	2.00000	2.006
S	42	Merphos				131865	2.00000	1.737
M	43	Total Demeton				193211	2.00000	2.102

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

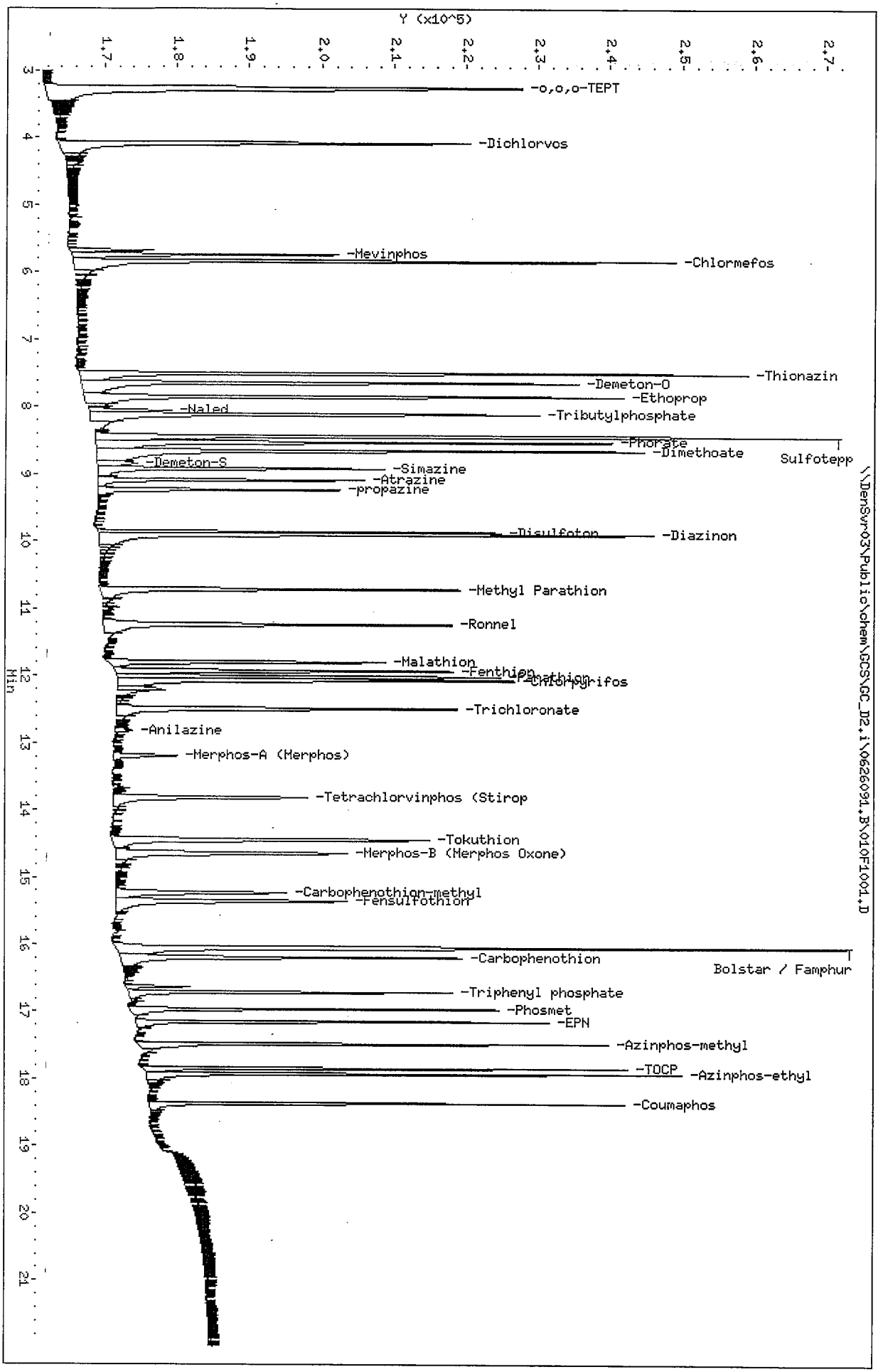
Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Lab Smp Id: OPP SS GSV0633
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 26-JUN-2009
Calibration Time: 19:50
Client Smp ID: OPP SS GSV0633
Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	160310	80155	320620	166572	3.91
39 TOCP	97363	48682	194726	99647	2.35

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.11	7.61	8.61	8.11	0.00
39 TOCP	17.84	17.34	18.34	17.84	-0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



Data File: \\DenSvr03\Public\chem\GCS\GC_D2,i\0626091,B\010F1004,D
Date : 26-JUN-2009 21:40
Client ID: OPP SS GSV0633
Sample Info: OPP SS GSV0633
Column phase: RTx-1HS

Instrument: GC_D2,i
Operator: HPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\003F0301.D
Lab Smp Id: OPP L7 GSV0634 Client Smp ID: OPP L7 GSV0634
Inj Date : 26-JUN-2009 18:28
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L7 GSV0634
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Meth Date : 30-Jun-2009 12:58 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 3 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1 o,o,o-TEPT	4.729	4.731	(0.251)	421372	5.00000	4.907
	2 Dichlorvos	6.546	6.546	(0.348)	359024	5.00000	5.355(A)
$	3 Chlormefos	7.383	7.384	(0.392)	338585	5.00000	5.016(A)
	4 Mevinphos	9.233	9.234	(0.491)	238906	5.00000	5.290(A)
	5 Demeton-O	9.733	9.734	(0.517)	69239	1.62500	1.609
	6 Thionazin	9.984	9.984	(0.531)	338015	5.00000	5.005(A)
	7 Ethoprop	10.499	10.499	(0.558)	242747	5.00000	4.810
	8 Phorate	10.538	10.539	(0.560)	289868	5.00000	4.953
	9 Naled	10.939	10.939	(0.581)	78857	5.00000	5.109(A)
	10 Sulfotepp	11.018	11.017	(0.586)	427657	5.00000	4.845(A)
*	11 Tributylphosphate	11.116	11.116	(1.000)	139264	2.00000	
	12 Simazine	11.401	11.399	(0.606)	68046	5.00000	5.383(A)
	13 Diazinon	11.541	11.541	(0.613)	228810	5.00000	4.801
	14 Atrazine	11.584	11.584	(0.616)	128612	5.00000	4.879(A)
	15 Propazine	11.746	11.747	(0.624)	110050	5.00000	4.930
	16 Disulfoton	12.049	12.049	(0.640)	228764	5.00000	4.914
	17 Demeton-S	12.124	12.124	(0.644)	175573	3.40000	3.111
	18 Dimethoate	13.283	13.282	(0.706)	319454	5.00000	5.120(A)
	19 Ronnel	13.588	13.587	(0.722)	211449	5.00000	5.035(A)
	20 Merphos-A (Merphos)	13.689	13.689	(1.231)	217509	5.00000	4.310(A)
	21 Chlorpyrifos	14.411	14.409	(0.766)	227882	5.00000	5.350(A)
	22 Fenthion	14.663	14.662	(0.779)	196942	5.00000	4.985
	23 Trichloronate	14.711	14.711	(0.782)	296442	5.00000	5.242(A)
	24 Anilazine	15.214	15.216	(0.809)	19108	5.00000	5.242(A)
	25 Methyl Parathion	15.521	15.519	(0.825)	235511	5.00000	5.522(A)
	26 Malathion	15.724	15.724	(0.836)	212190	5.00000	5.311(A)
	27 Tokuthion	16.344	16.344	(0.869)	233715	5.00000	4.996
	28 Parathion	16.493	16.494	(0.877)	213175	5.00000	5.073(AM)
	29 Merphos-B (Merphos Oxone)	16.514	16.517	(1.486)	65080	5.00000	4.212(AM)
	30 Tetrachlorvinphos (stirophos)	16.976	16.977	(0.902)	143806	5.00000	5.290(A)
	31 Carbophenothion methyl	17.081	17.082	(0.908)	210272	5.00000	5.396(A)
	32 Bolstar	17.441	17.440	(0.927)	199405	5.00000	4.858
	33 Carbophenothion	17.523	17.524	(0.931)	212727	5.00000	5.271(A)

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	34 Triphenyl phosphate	18.279	18.281	(0.972)	167127	5.00000	5.046 (A)
	35 Fensulfothion	18.558	18.559	(0.986)	152929	5.00000	5.029 (A)
*	36 TOCP	18.814	18.816	(1.000)	66384	2.00000	
	37 Phosmet / EPN	18.908	18.909	(1.005)	330448	10.0000	9.819 (A)
	38 Famphur	19.011	19.011	(1.010)	220404	5.00000	5.062 (A)
	39 Azinphos-methyl	19.146	19.147	(1.018)	197822	5.00000	4.967
	40 Azinphos-ethyl	19.364	19.366	(1.029)	187035	5.00000	4.930
	41 Coumaphos	20.348	20.347	(1.081)	155426	5.00000	5.329 (A)
S	42 Merphos				282589	5.00000	5.108 (A)
M	43 Total Demeton				244812	5.00000	4.720

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

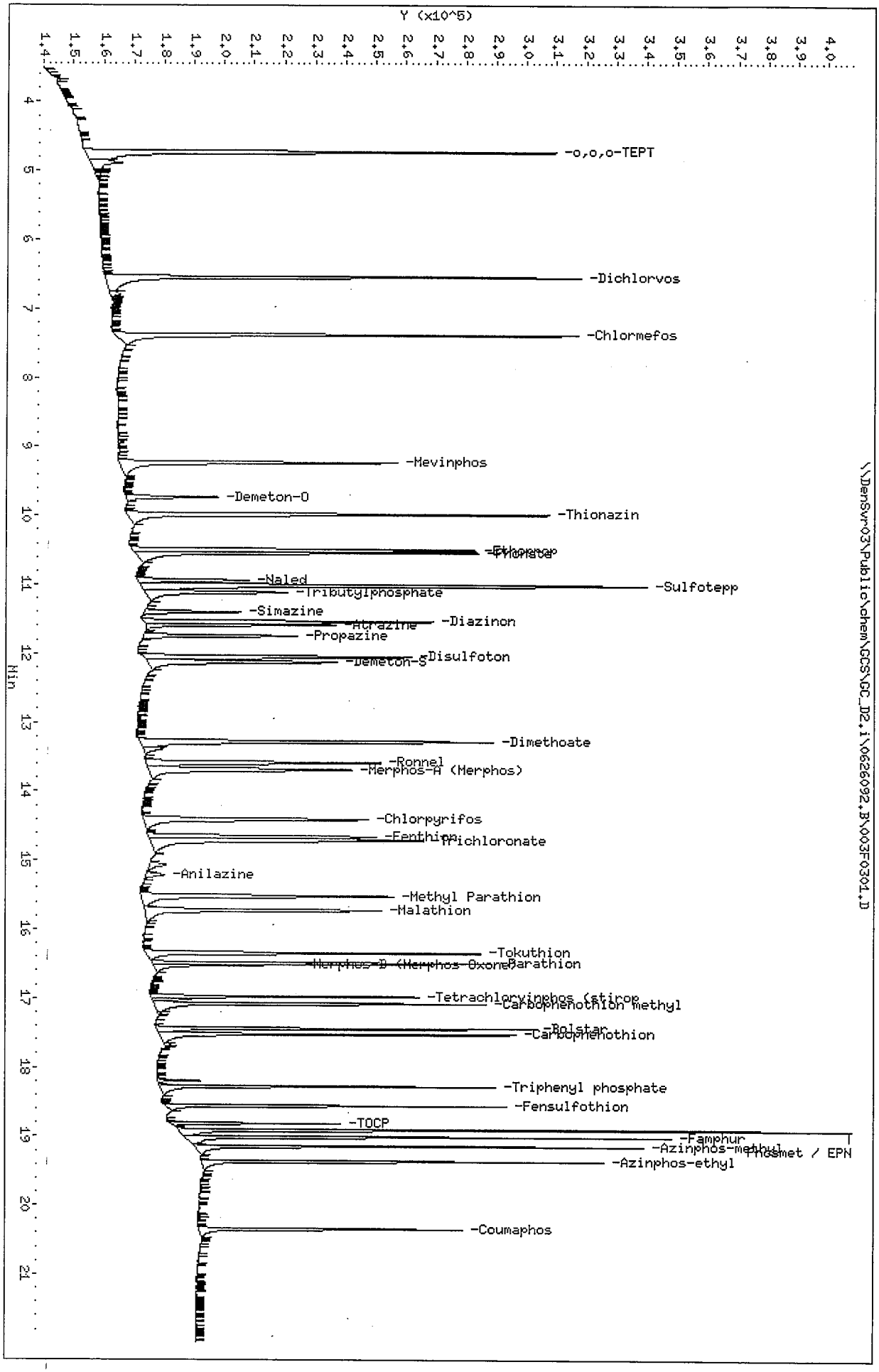
Instrument ID: GC_D2.i
Lab File ID: 003F0301.D
Lab Smp Id: OPP L7 GSV0634
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Misc Info:

Calibration Date: 26-JUN-2009
Calibration Time: 21:40
Client Smp ID: OPP L7 GSV0634
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	123933	61967	247866	139264	12.37
36 TOCP	68831	34416	137662	66384	-3.56

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.12	0.01
36 TOCP	18.82	18.32	19.32	18.81	-0.00

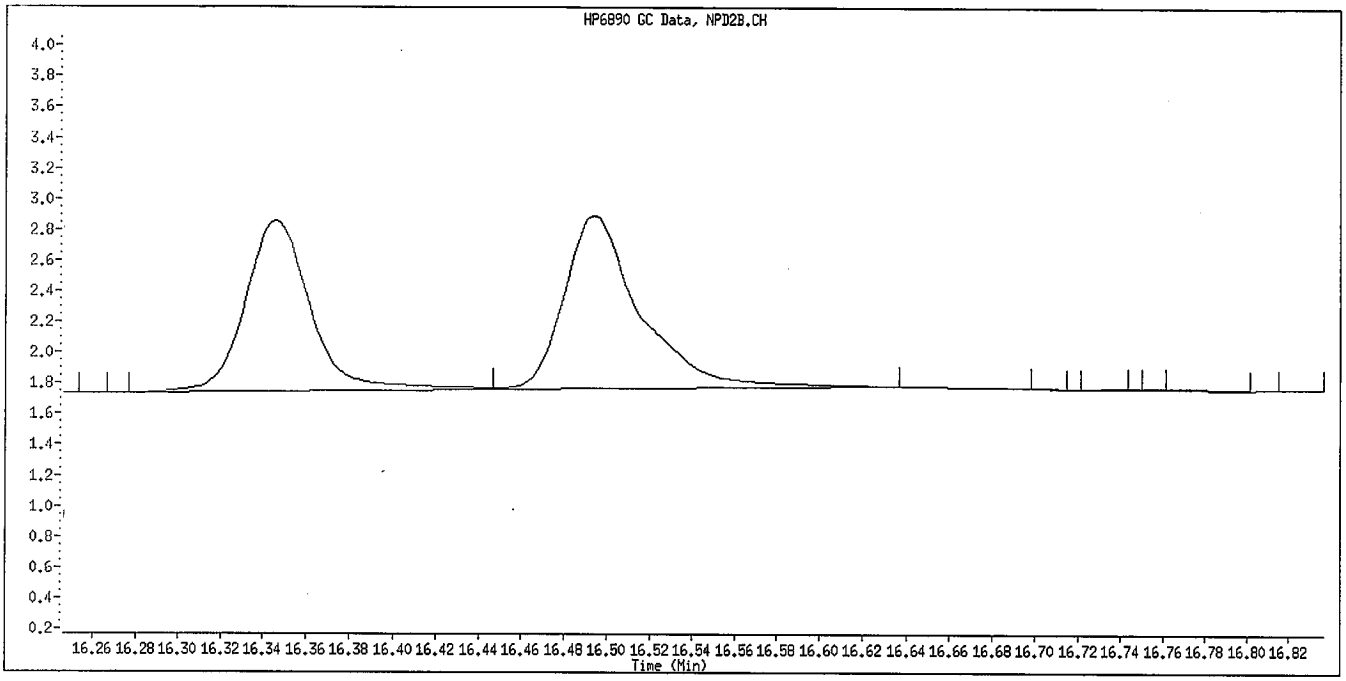
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



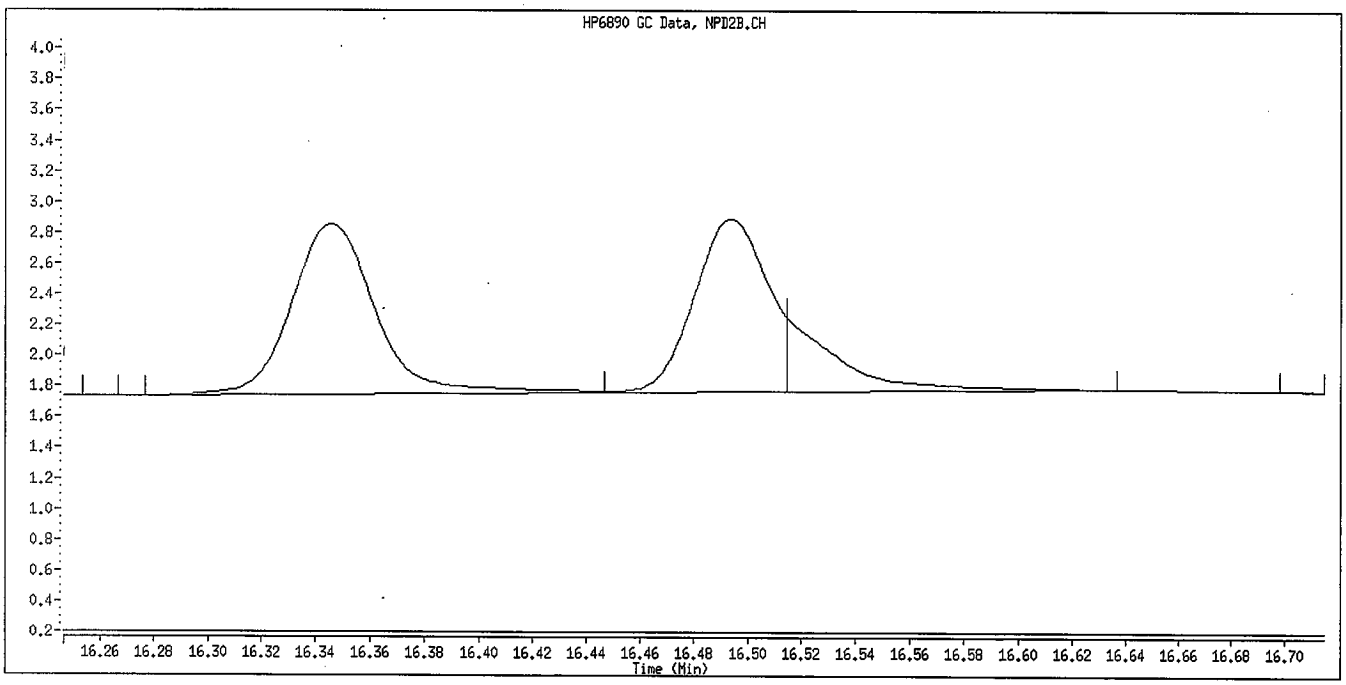
Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\003F0304.D
Date : 26-JUN-2009 18:28
Client ID: OPP L7 GSV0634
Sample Info: OPP L7 GSV0634
Column phase: RTx-OPPest

Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

Data File Name: 003F0301.D
Inj. Date and Time: 26-JUN-2009 18:28
Instrument ID: GC_D2.i
Client ID: OPP L7 GSV0634
Compound Name: Parathion
CAS #:
Report Date: 06/30/2009



Original Integration

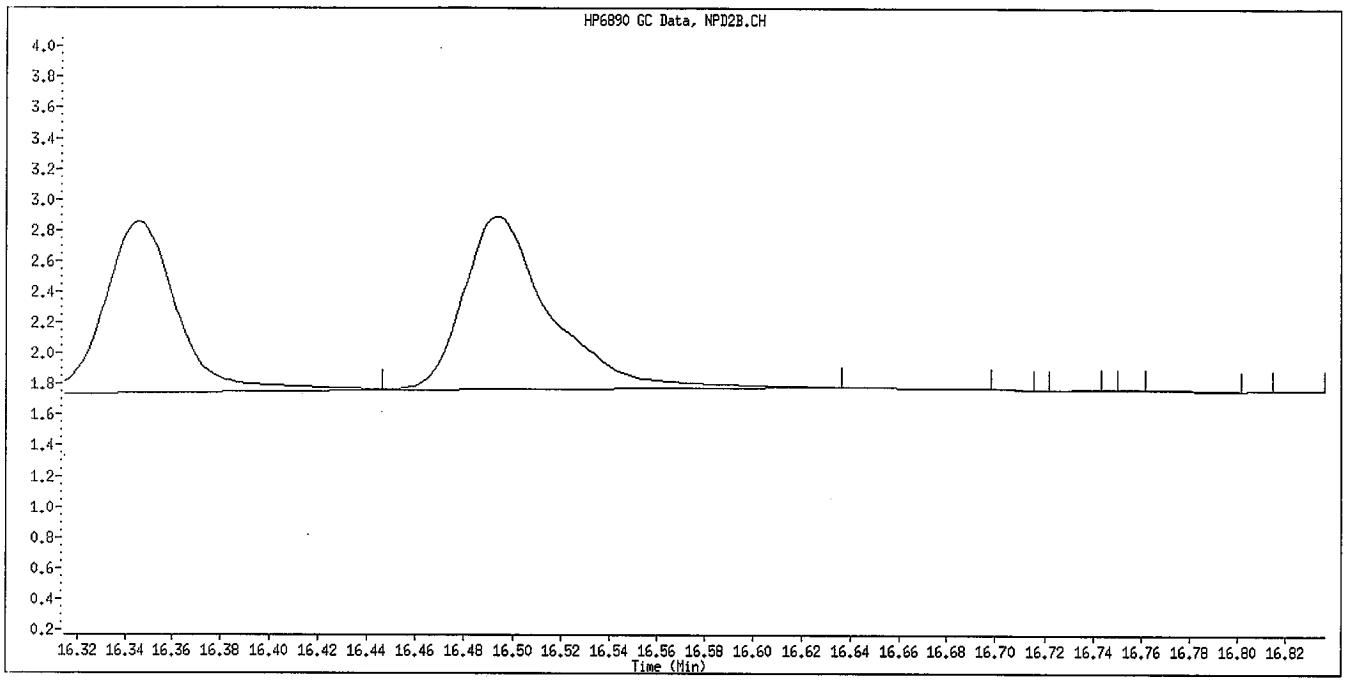


Manual Integration

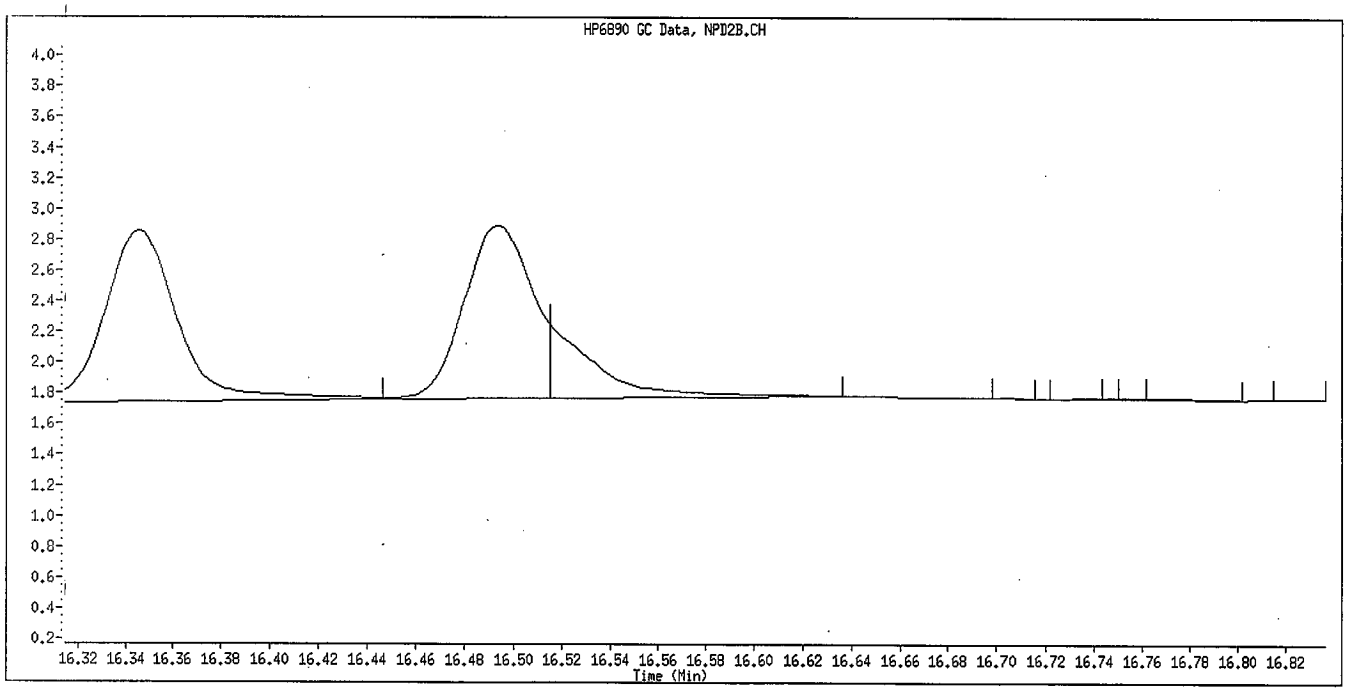
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 003F0301.D
Inj. Date and Time: 26-JUN-2009 18:28
Instrument ID: GC_D2.i
Client ID: OPP L7 GSV0634
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\004F0401.D
Lab Smp Id: OPP L6 GSV0637 Client Smp ID: OPP L6 GSV0637
Inj Date : 26-JUN-2009 18:55
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L6 GSV0637
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Meth Date : 30-Jun-2009 12:58 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 18:28 Cal File: 003F0301.D
Als bottle: 4 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1 o,o,o-TEPT	4.729	4.731	(0.251)	328646	4.00000	4.043
	2 Dichlorvos	6.546	6.546	(0.348)	257298	4.00000	4.054
$	3 Chlormefos	7.384	7.384	(0.392)	258146	4.00000	4.040
	4 Mevinphos	9.234	9.234	(0.491)	177060	4.00000	4.141
	5 Demeton-O	9.734	9.734	(0.517)	56273	1.30000	1.381
	6 Thionazin	9.984	9.984	(0.531)	276609	4.00000	4.326
	7 Ethoprop	10.499	10.499	(0.558)	193617	4.00000	4.053
	8 Phorate	10.537	10.539	(0.560)	250422	4.00000	4.520
	9 Naled	10.941	10.939	(0.582)	58330	4.00000	4.051
	10 Sulfotepp	11.017	11.017	(0.586)	337512	4.00000	4.039(A)
*	11 Tributylphosphate	11.116	11.116	(1.000)	118534	2.00000	
	12 Simazine	11.401	11.399	(0.606)	52173	4.00000	4.360(A)
	13 Diazinon	11.541	11.541	(0.613)	181790	4.00000	4.034
	14 Atrazine	11.582	11.584	(0.616)	98759	4.00000	4.001(A)
	15 Propazine	11.746	11.747	(0.624)	85745	4.00000	4.068
	16 Disulfoton	12.049	12.049	(0.640)	184026	4.00000	4.176
	17 Demeton-S	12.124	12.124	(0.644)	157195	2.72000	2.948
	18 Dimethoate	13.282	13.282	(0.706)	236550	4.00000	4.005
	19 Ronnel	13.589	13.587	(0.722)	165534	4.00000	4.164
	20 Merphos-A (Merphos)	13.689	13.689	(1.231)	178652	4.00000	4.159(A)
	21 Chlorpyrifos	14.409	14.409	(0.766)	174421	4.00000	4.326
	22 Fenthion	14.662	14.662	(0.779)	149338	4.00000	3.993
	23 Trichloronate	14.709	14.711	(0.782)	208762	4.00000	3.926
	24 Anilazine	15.216	15.216	(0.809)	13112	4.00000	3.800(M)
	25 Methyl Parathion	15.519	15.519	(0.825)	167086	4.00000	4.138(A)
	26 Malathion	15.724	15.724	(0.836)	151738	4.00000	4.012
	27 Tokuthion	16.346	16.344	(0.869)	187169	4.00000	4.226
	28 Parathion	16.492	16.494	(0.877)	170901	4.00000	4.296(M)
	29 Merphos-B (Merphos Oxone)	16.514	16.517	(1.486)	62127	4.00000	4.736(AM)
	30 Tetrachlorvinphos (stirophos)	16.976	16.977	(0.902)	109740	4.00000	4.264
	31 Carbophenothion methyl	17.081	17.082	(0.908)	159411	4.00000	4.322
	32 Bolstar	17.441	17.440	(0.927)	154382	4.00000	3.973
	33 Carbophenothion	17.522	17.524	(0.931)	154486	4.00000	4.043(A)

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	34 Triphenyl phosphate	18.279	18.281	(0.972)	125543	4.00000	4.004
	35 Fensulfothion	18.557	18.559	(0.986)	126221	4.00000	4.385
*	36 TOCP	18.814	18.816	(1.000)	62844	2.00000	
	37 Phosmet / EPN	18.907	18.909	(1.005)	263604	8.00000	8.261(A)
	38 Famphur	19.009	19.011	(1.010)	175421	4.00000	4.256
	39 Azinphos-methyl	19.144	19.147	(1.018)	160515	4.00000	4.257
	40 Azinphos-ethyl	19.362	19.366	(1.029)	144031	4.00000	4.011
	41 Coumaphos	20.346	20.347	(1.081)	118936	4.00000	4.308
S	42 Merphos				240779	4.00000	4.597(A)
M	43 Total Demeton				213468	4.00000	4.330

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

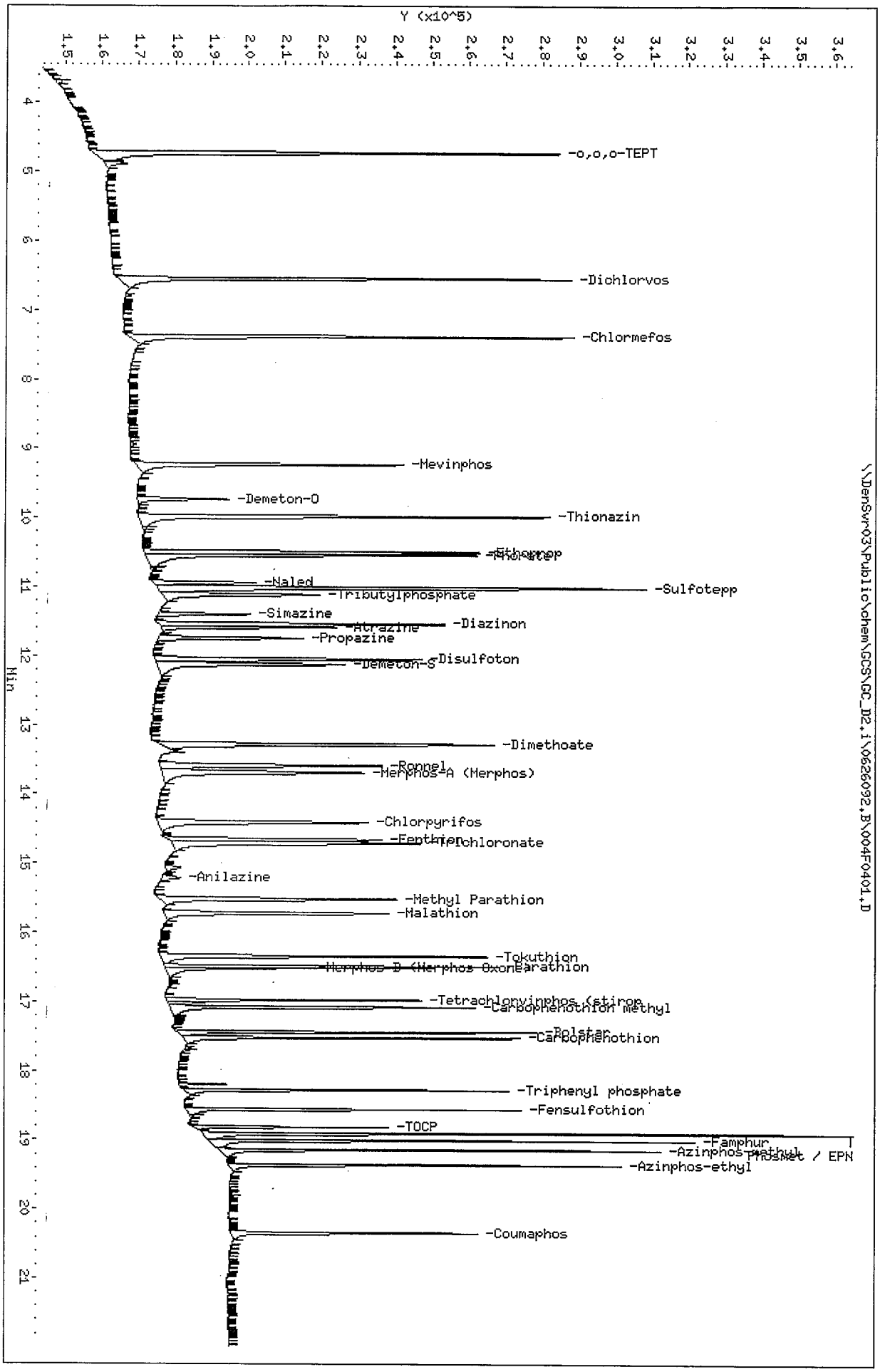
Instrument ID: GC_D2.i
Lab File ID: 004F0401.D
Lab Smp Id: OPP L6 GSV0637
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Misc Info:

Calibration Date: 26-JUN-2009
Calibration Time: 21:40
Client Smp ID: OPP L6 GSV0637
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	123933	61967	247866	118534	-4.36
36 TOCP	68831	34416	137662	62844	-8.70

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.12	0.01
36 TOCP	18.82	18.32	19.32	18.81	-0.01

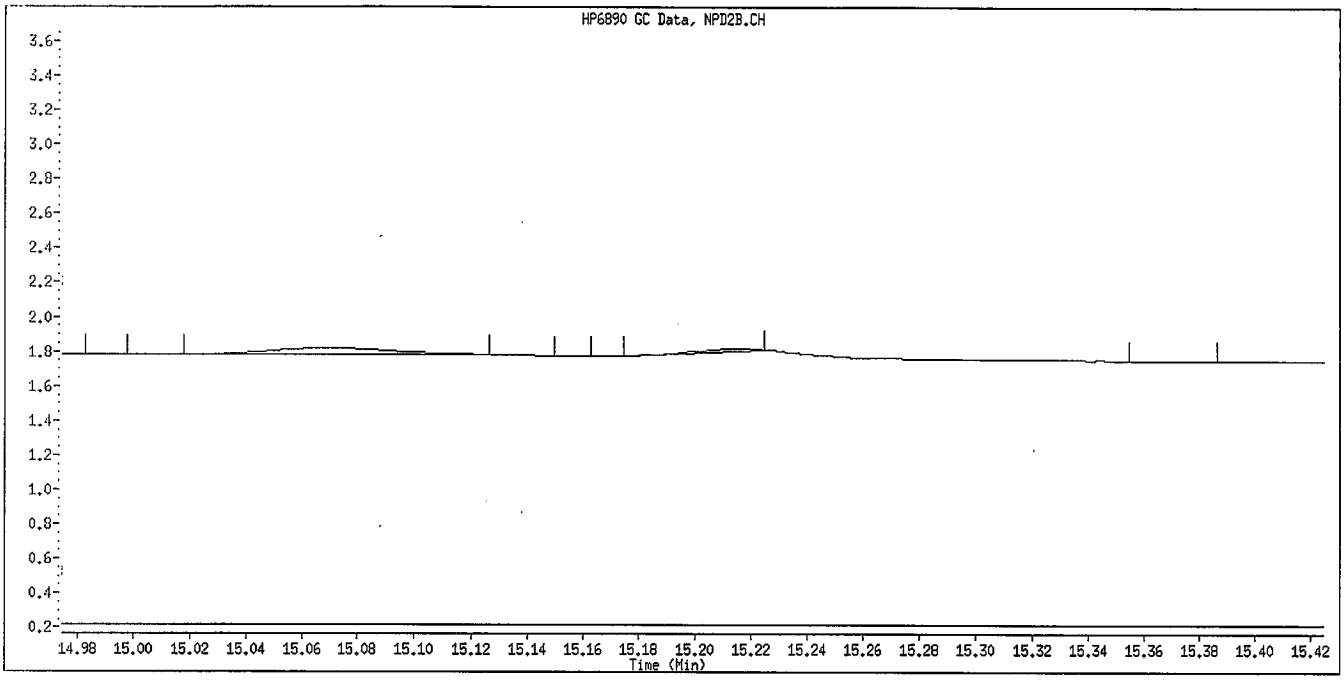
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



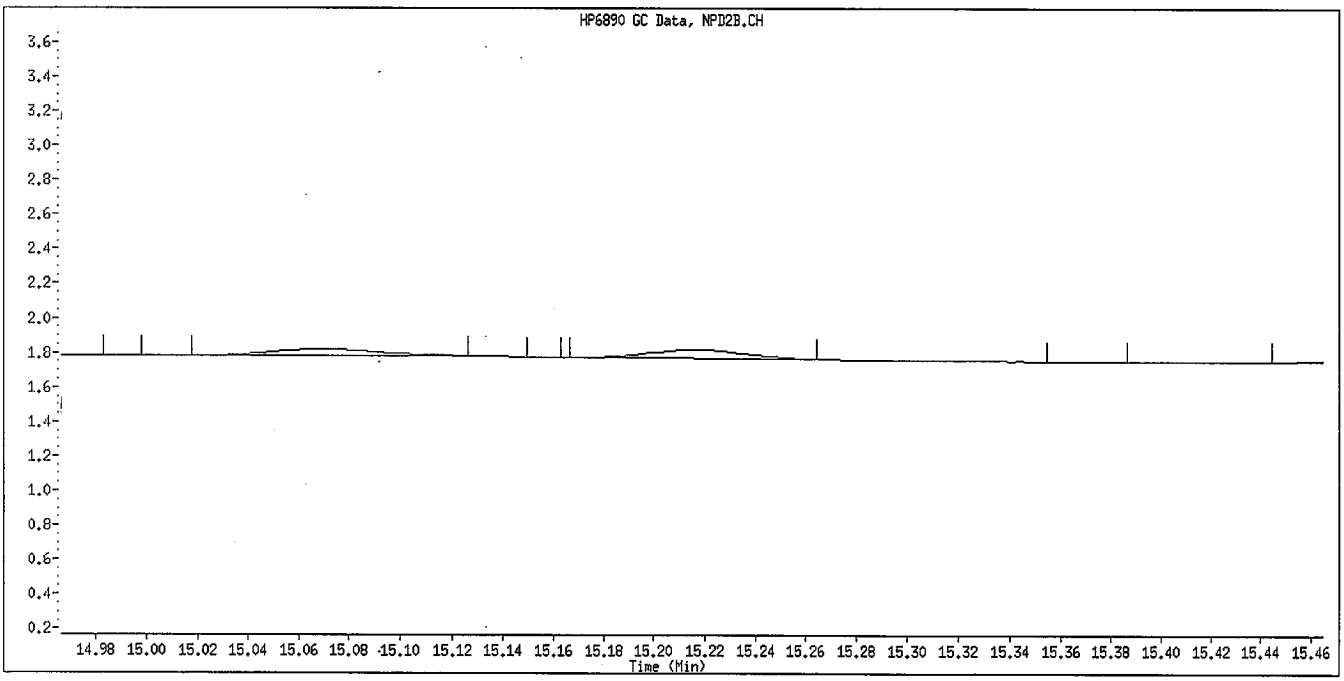
Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\004F0401.D
Date : 26-JUN-2009 18:55
Client ID: OPP L6 GSV0637
Sample Info: OPP L6 GSV0637
Column phase: RTx-OPPest

Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

Data File Name: 004F0401.D
Inj. Date and Time: 26-JUN-2009 18:55
Instrument ID: GC_D2.i
Client ID: OPP L6 GSV0637
Compound Name: Anilazine
CAS #:
Report Date: 06/30/2009



Original Integration

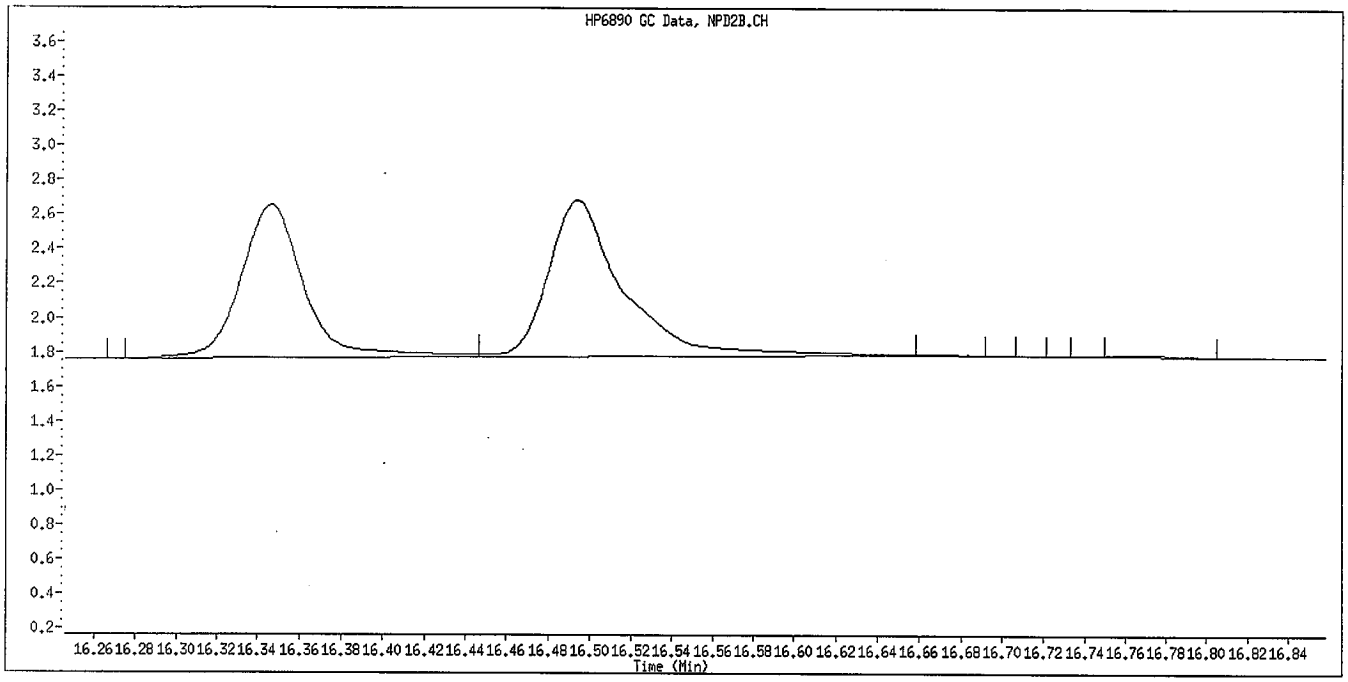


Manual Integration

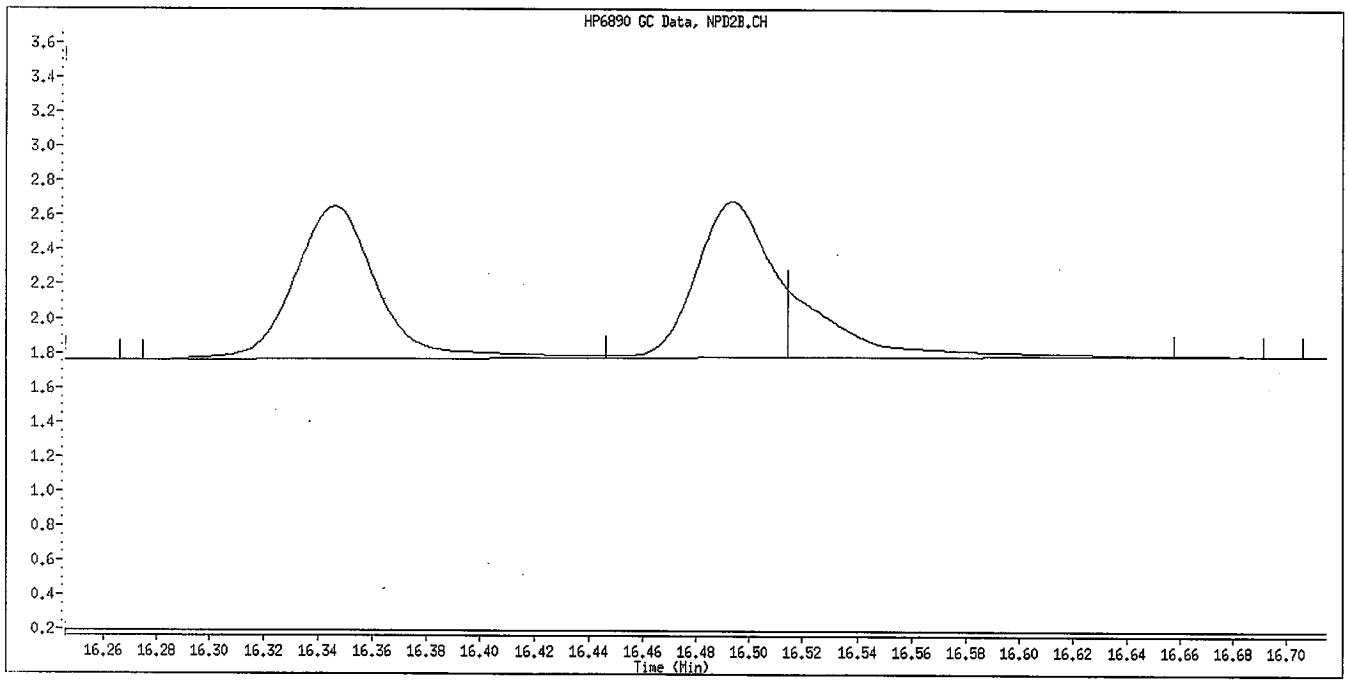
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 004F0401.D
Inj. Date and Time: 26-JUN-2009 18:55
Instrument ID: GC_D2.i
Client ID: OPP L6 GSV0637
Compound Name: Parathion
CAS #:
Report Date: 06/30/2009



Original Integration

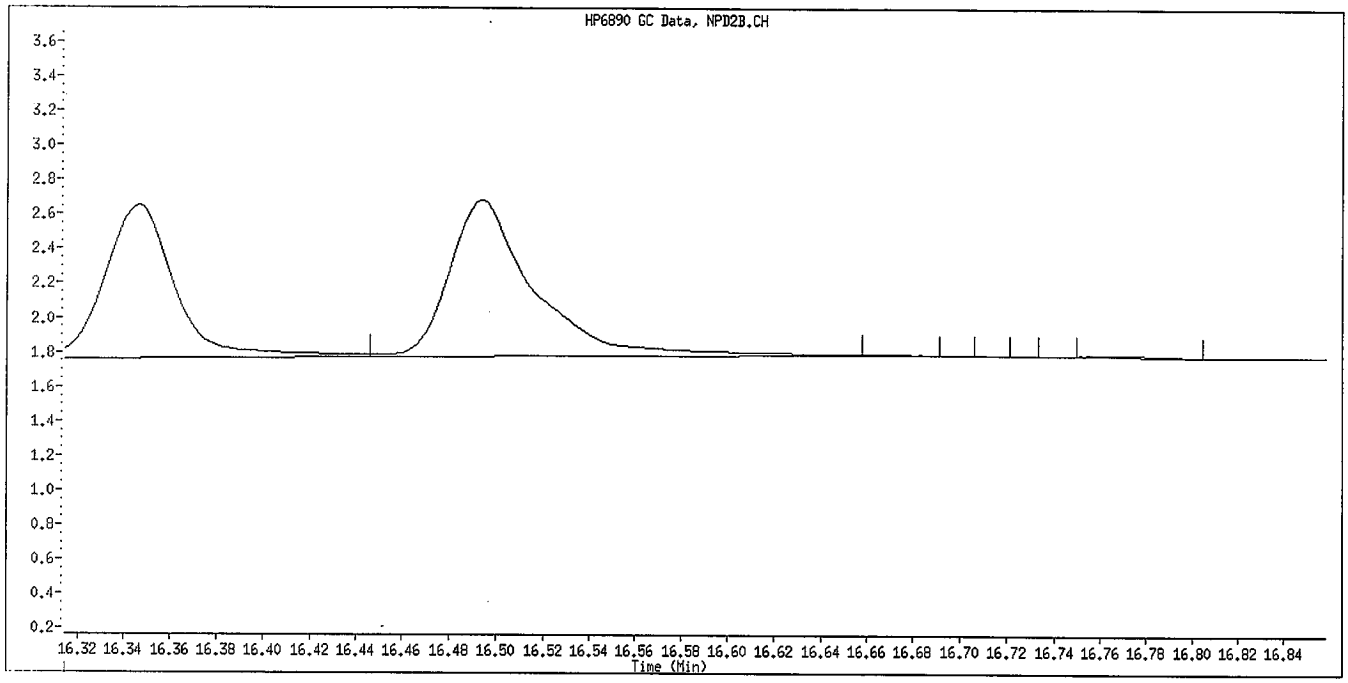


Manual Integration

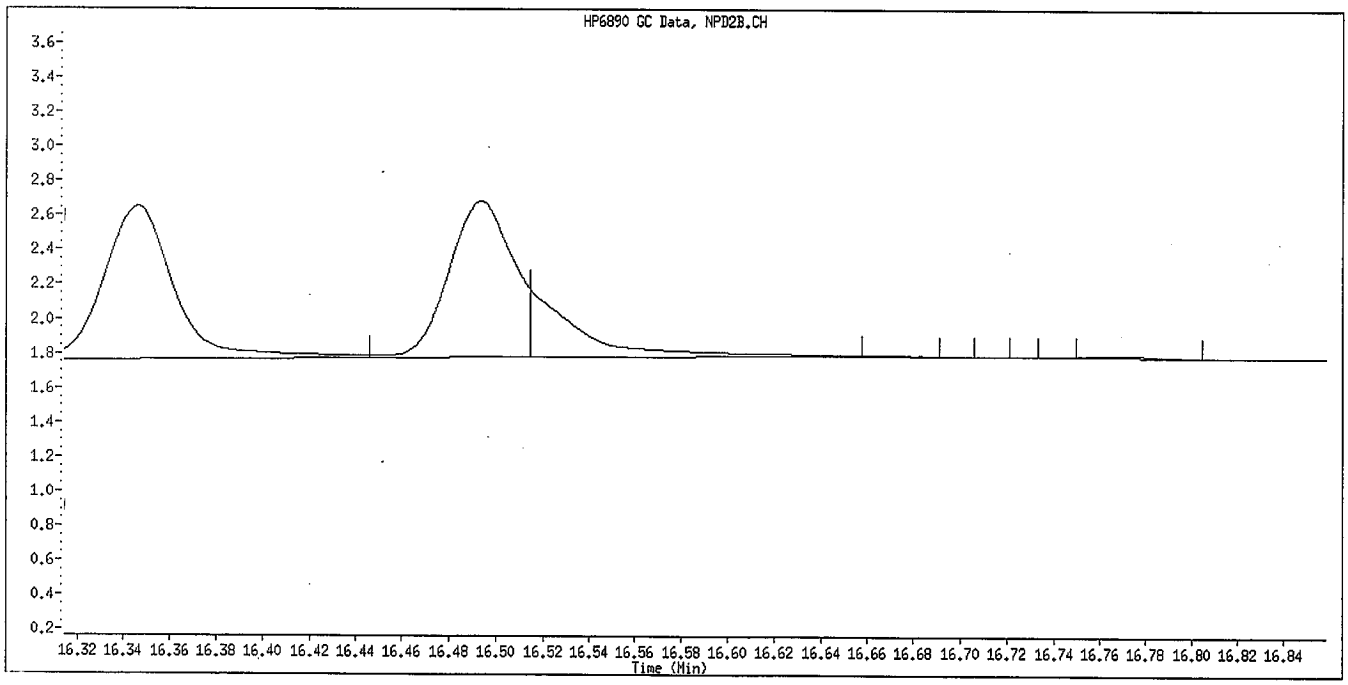
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 004F0401.D
Inj. Date and Time: 26-JUN-2009 18:55
Instrument ID: GC_D2.i
Client ID: OPP L6 GSV0637
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\005F0501.D
Lab Smp Id: OPP L5 GSV0635 Client Smp ID: OPP L5 GSV0635
Inj Date : 26-JUN-2009 19:23
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L5 GSV0635
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Meth Date : 30-Jun-2009 12:58 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 18:55 Cal File: 004F0401.D
Als bottle: 5 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1 o,o,o-TEPT	4.730	4.731	(0.251)	267154	3.00000	2.982
	2 Dichlorvos	6.545	6.546	(0.348)	221023	3.00000	3.159
$	3 Chlormefos	7.384	7.384	(0.392)	237967	3.00000	3.379
	4 Mevinphos	9.234	9.234	(0.491)	137272	3.00000	2.913
	5 Demeton-O	9.734	9.734	(0.517)	46912	0.97500	1.045
	6 Thionazin	9.984	9.984	(0.531)	216898	3.00000	3.078
	7 Ethoprop	10.499	10.499	(0.558)	162719	3.00000	3.090
	8 Phorate	10.539	10.539	(0.560)	189707	3.00000	3.107
	9 Naled	10.939	10.939	(0.581)	46004	3.00000	2.975
	10 Sulfotepp	11.017	11.017	(0.586)	277819	3.00000	3.017(A)
*	11 Tributylphosphate	11.115	11.116	(1.000)	123454	2.00000	
	12 Simazine	11.399	11.399	(0.606)	40610	3.00000	3.079(A)
	13 Diazinon	11.540	11.541	(0.613)	155648	3.00000	3.140
	14 Atrazine	11.584	11.584	(0.616)	85997	3.00000	3.210(A)
	15 Propazine	11.747	11.747	(0.624)	72628	3.00000	3.140
	16 Disulfoton	12.049	12.049	(0.640)	152294	3.00000	3.136
	17 Demeton-S	12.124	12.124	(0.644)	121463	2.04000	2.103
	18 Dimethoate	13.282	13.282	(0.706)	206120	3.00000	3.166
	19 Ronnel	13.587	13.587	(0.722)	134377	3.00000	3.067
	20 Merphos-A (Merphos)	13.689	13.689	(1.232)	139514	3.00000	3.119(A)
	21 Chlorpyrifos	14.409	14.409	(0.766)	137524	3.00000	3.094
	22 Fenthion	14.662	14.662	(0.779)	130285	3.00000	3.161
	23 Trichloronate	14.710	14.711	(0.782)	170976	3.00000	2.945
	24 Anilazine	15.215	15.216	(0.809)	11039	3.00000	2.902
	25 Methyl Parathion	15.519	15.519	(0.825)	140467	3.00000	3.157(A)
	26 Malathion	15.724	15.724	(0.836)	122121	3.00000	2.929
	27 Tokuthion	16.344	16.344	(0.869)	150762	3.00000	3.089
	28 Parathion	16.494	16.494	(0.877)	135916	3.00000	3.100(M)
	29 Merphos-B (Merphos Oxone)	16.514	16.517	(1.486)	40683	3.00000	2.940(AM)
	30 Tetrachlorvinphos (stirophos)	16.977	16.977	(0.902)	90042	3.00000	3.174
	31 Carbophenothion methyl	17.082	17.082	(0.908)	132789	3.00000	3.266
	32 Bolstar	17.440	17.440	(0.927)	132222	3.00000	3.088
	33 Carbophenothion	17.524	17.524	(0.931)	139939	3.00000	3.323(A)

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	34 Triphenyl phosphate	18.280	18.281	(0.972)	105020	3.00000	3.039
	35 Fensulfothion	18.559	18.559	(0.986)	98284	3.00000	3.098
*	36 TOCP	18.815	18.816	(1.000)	69265	2.00000	
	37 Phosmet / EPN	18.909	18.909	(1.005)	207459	6.00000	5.874(A)
	38 Famphur	19.010	19.011	(1.010)	125661	3.00000	2.766
	39 Azinphos-methyl	19.147	19.147	(1.018)	125121	3.00000	3.011
	40 Azinphos-ethyl	19.365	19.366	(1.029)	120801	3.00000	3.052
	41 Coumaphos	20.347	20.347	(1.081)	93401	3.00000	3.069
S	42 Merphos				180197	3.00000	3.122(A)
M	43 Total Demeton				168375	3.00000	3.147

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

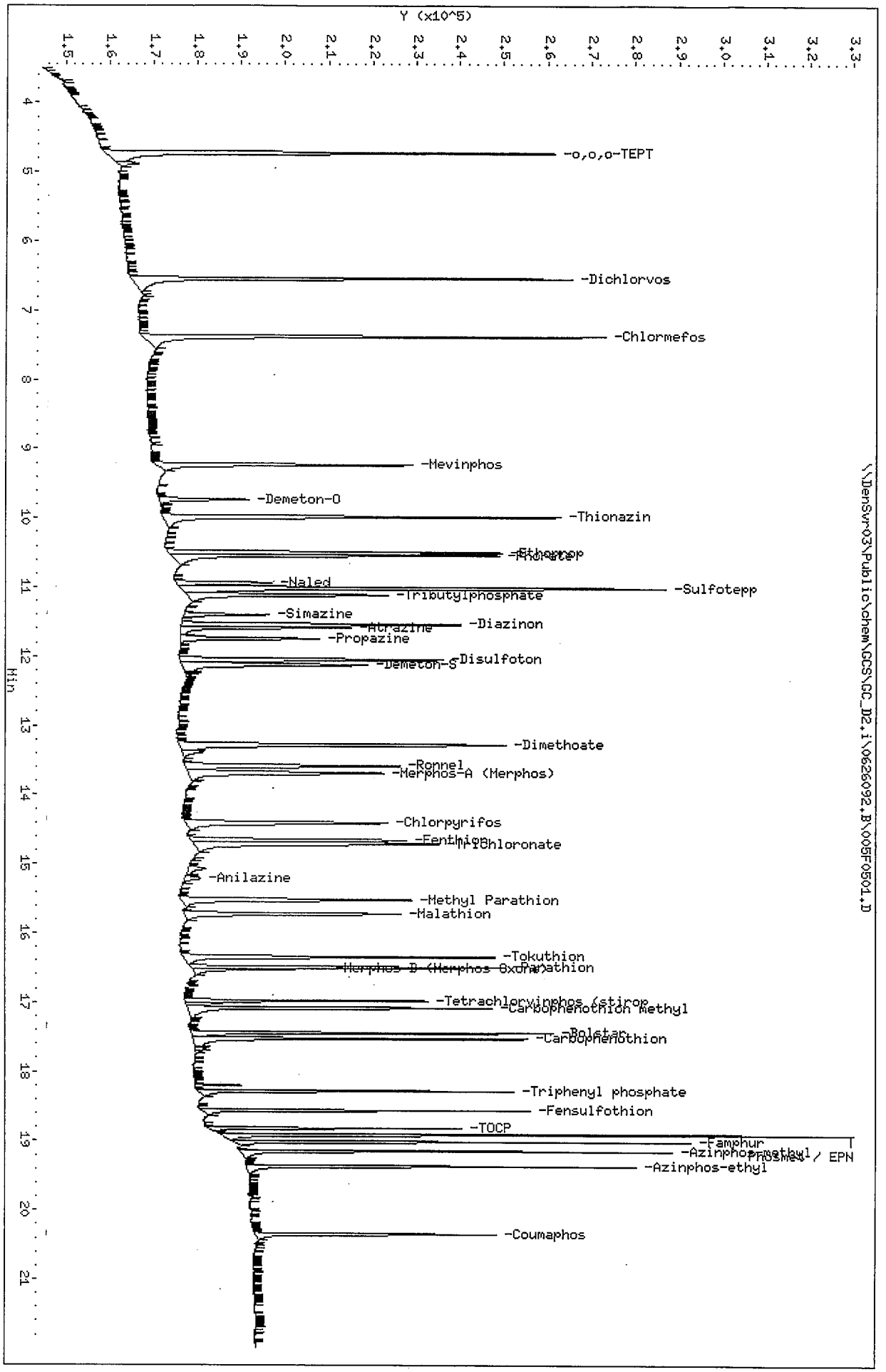
Instrument ID: GC_D2.i
Lab File ID: 005F0501.D
Lab Smp Id: OPP L5 GSV0635
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Misc Info:

Calibration Date: 26-JUN-2009
Calibration Time: 21:40
Client Smp ID: OPP L5 GSV0635
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	123933	61967	247866	123454	-0.39
36 TOCP	68831	34416	137662	69265	0.63

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.12	0.00
36 TOCP	18.82	18.32	19.32	18.82	0.00

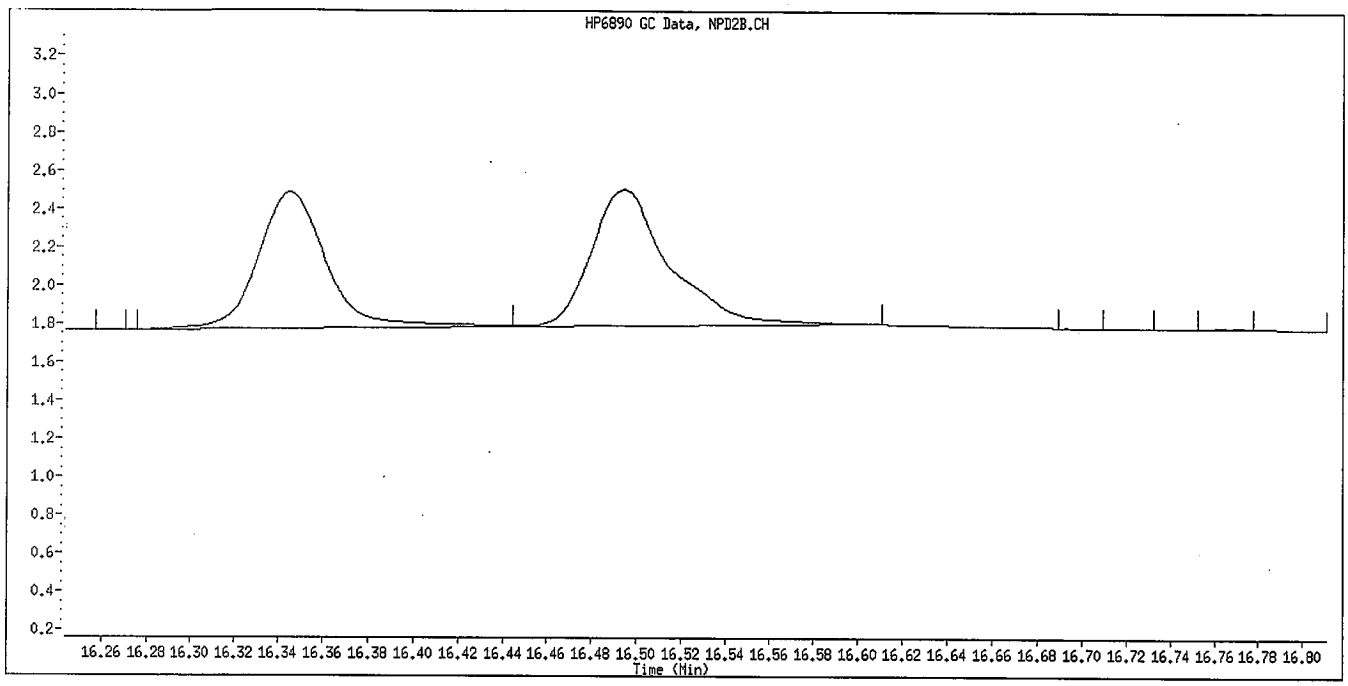
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



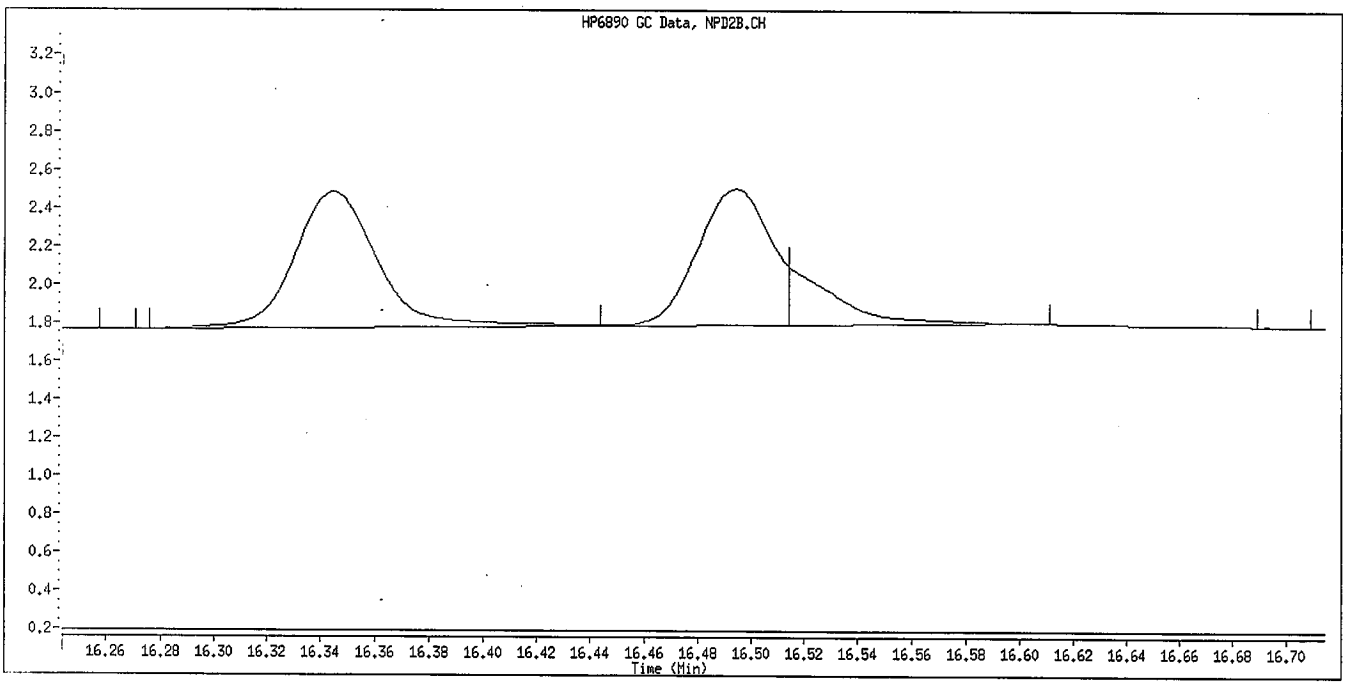
Data File: \\DenSvr03\Public\chem\GCS\GC_D2,i\0626092,B\005F0501,D
Date : 26-JUN-2009 19:23
Client ID: OPP L5 GSV0635
Sample Info: OPP L5 GSV0635
Column phase: RTx-OPPest

Instrument: GC_D2,i
Operator: MPK/TLW
Column diameter: 0.32

Data File Name: 005F0501.D
Inj. Date and Time: 26-JUN-2009 19:23
Instrument ID: GC_D2.i
Client ID: OPP L5 GSV0635
Compound Name: Parathion
CAS #:
Report Date: 06/30/2009



Original Integration

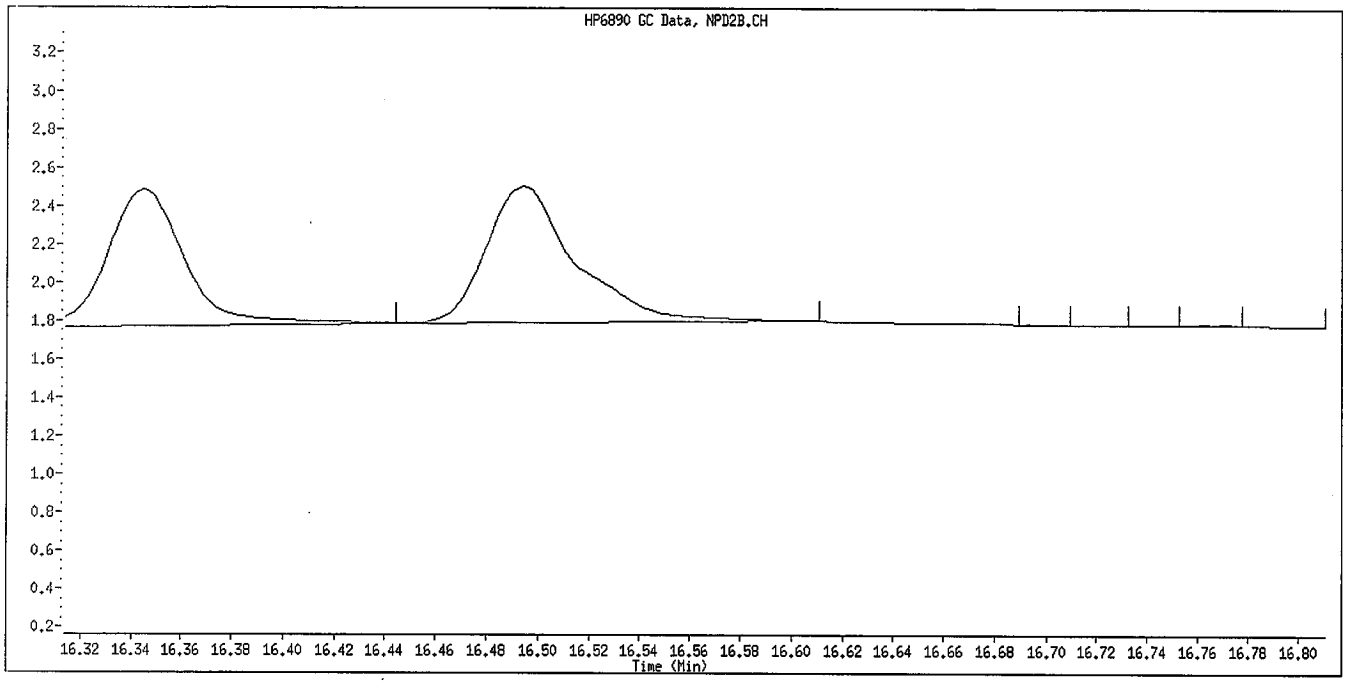


Manual Integration

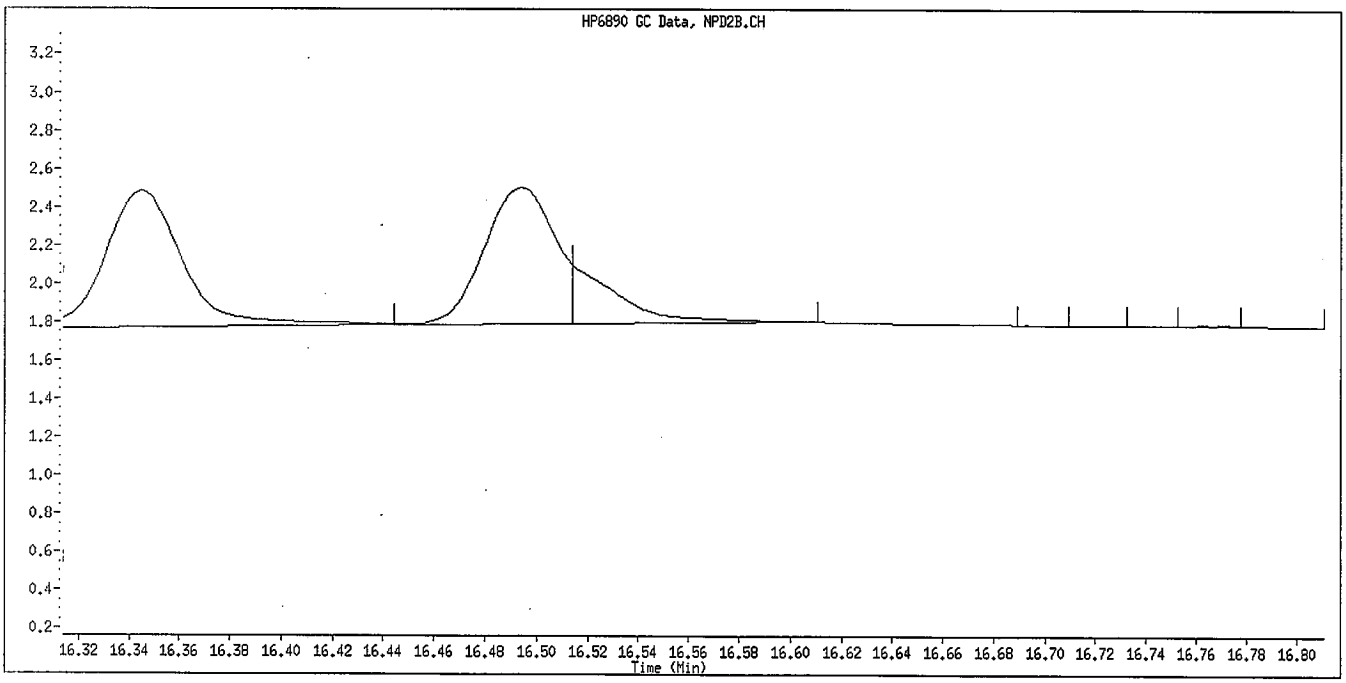
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 005F0501.D
Inj. Date and Time: 26-JUN-2009 19:23
Instrument ID: GC_D2.i
Client ID: OPP L5 GSV0635
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\006F0601.D
Lab Smp Id: OPP L4 GSV0638 Client Smp ID: OPP L4 GSV0638
Inj Date : 26-JUN-2009 19:50
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L4 GSV0638
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Meth Date : 30-Jun-2009 12:58 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 19:23 Cal File: 005F0501.D
Als bottle: 6 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1 o,o,o-TEPT	4.730	4.731	(0.251)	181207	2.00000	2.055
	2 Dichlorvos	6.545	6.546	(0.348)	148252	2.00000	2.154
$	3 Chlormefos	7.383	7.384	(0.392)	138652	2.00000	2.001
	4 Mevinphos	9.233	9.234	(0.491)	98399	2.00000	2.122
	5 Demeton-O	9.733	9.734	(0.517)	29742	0.65000	0.6731
	6 Thionazin	9.983	9.984	(0.531)	134999	2.00000	1.947
	7 Ethoprop	10.498	10.499	(0.558)	103308	2.00000	1.994
	8 Phorate	10.537	10.539	(0.560)	115663	2.00000	1.925
	9 Naled	10.940	10.939	(0.581)	28010	2.00000	1.943
	10 Sulfotepp	11.017	11.017	(0.586)	187497	2.00000	2.069(A)
*	11 Tributylphosphate	11.115	11.116	(1.000)	126959	2.00000	
	12 Simazine	11.398	11.399	(0.606)	26282	2.00000	2.025(A)
	13 Diazinon	11.540	11.541	(0.613)	98649	2.00000	2.033
	14 Atrazine	11.582	11.584	(0.616)	49088	2.00000	1.960(A)
	15 Propazine	11.745	11.747	(0.624)	43235	2.00000	1.922
	16 Disulfoton	12.050	12.049	(0.640)	96402	2.00000	2.017
	17 Demeton-S	12.125	12.124	(0.644)	70921	1.36000	1.296
	18 Dimethoate	13.280	13.282	(0.706)	123978	2.00000	1.935
	19 Ronnel	13.588	13.587	(0.722)	84095	2.00000	1.950
	20 Merphos-A (Merphos)	13.690	13.689	(1.232)	90289	2.00000	1.962(A)
	21 Chlorpyrifos	14.408	14.409	(0.766)	82272	2.00000	1.881
	22 Fenthion	14.660	14.662	(0.779)	79190	2.00000	1.952
	23 Trichloronate	14.708	14.711	(0.782)	106326	2.00000	1.900
	24 Anilazine	15.212	15.216	(0.808)	6899	2.00000	1.843
	25 Methyl Parathion	15.520	15.519	(0.825)	91219	2.00000	2.083(A)
	26 Malathion	15.725	15.724	(0.836)	80242	2.00000	1.956
	27 Tokuthion	16.345	16.344	(0.869)	92069	2.00000	1.917
	28 Parathion	16.493	16.494	(0.877)	84124	2.00000	1.950(M)
	29 Merphos-B (Merphos Oxone)	16.513	16.517	(1.486)	23458	2.00000	1.603(AM)
	30 Tetrachlorvinphos (stirophos)	16.977	16.977	(0.902)	54727	2.00000	1.961
	31 Carbophenothion methyl	17.082	17.082	(0.908)	79857	2.00000	1.996
	32 Bolstar	17.440	17.440	(0.927)	82203	2.00000	1.951
	33 Carbophenothion	17.523	17.524	(0.931)	80431	2.00000	1.941(A)

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	34 Triphenyl phosphate	18.280	18.281	(0.972)	73416	2.00000	2.159
	35 Fensulfothion	18.558	18.559	(0.986)	66352	2.00000	2.125
*	36 TOCP	18.815	18.816	(1.000)	68161	2.00000	
	37 Phosmet / EPN	18.908	18.909	(1.005)	146012	4.00000	4.177
	38 Famphur	19.012	19.011	(1.010)	95300	2.00000	2.132
	39 Azinphos-methyl	19.147	19.147	(1.018)	88773	2.00000	2.171
	40 Azinphos-ethyl	19.365	19.366	(1.029)	80966	2.00000	2.079
	41 Coumaphos	20.347	20.347	(1.081)	61650	2.00000	2.059
S	42 Merphos				113747	2.00000	2.002(A)
M	43 Total Demeton				100663	2.00000	1.969

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

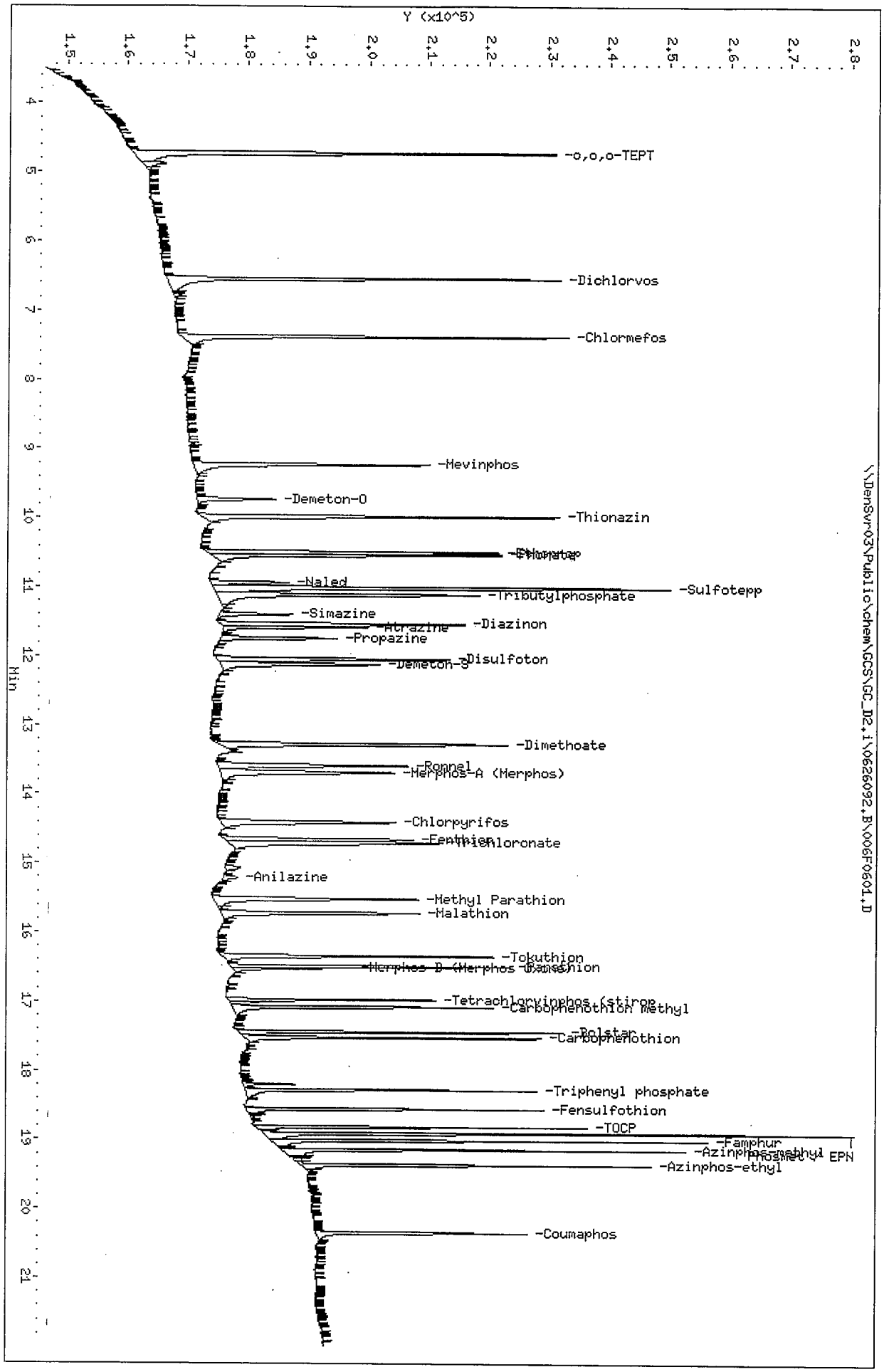
Instrument ID: GC_D2.i
Lab File ID: 006F0601.D
Lab Smp Id: OPP L4 GSV0638
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Misc Info:

Calibration Date: 26-JUN-2009
Calibration Time: 19:50
Client Smp ID: OPP L4 GSV0638
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	126959	63480	253918	126959	0.00
36 TOCP	68161	34081	136322	68161	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.12	0.00
36 TOCP	18.82	18.32	19.32	18.82	0.00

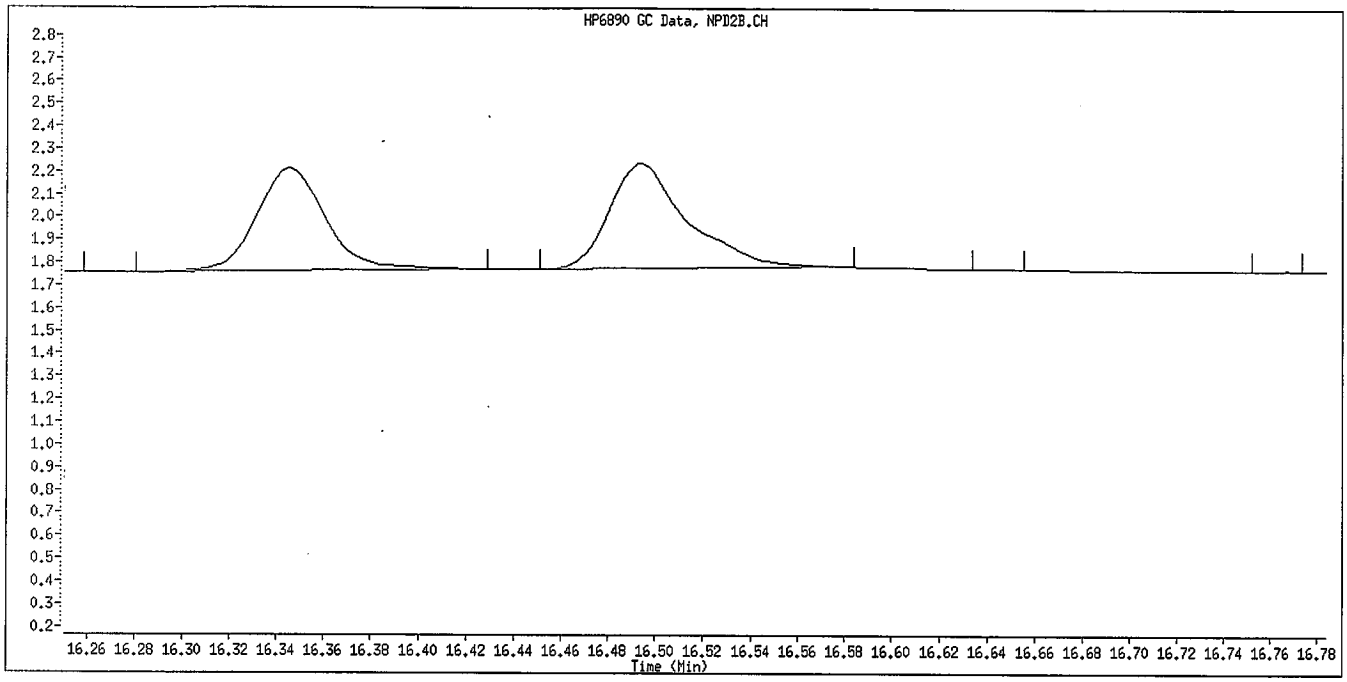
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



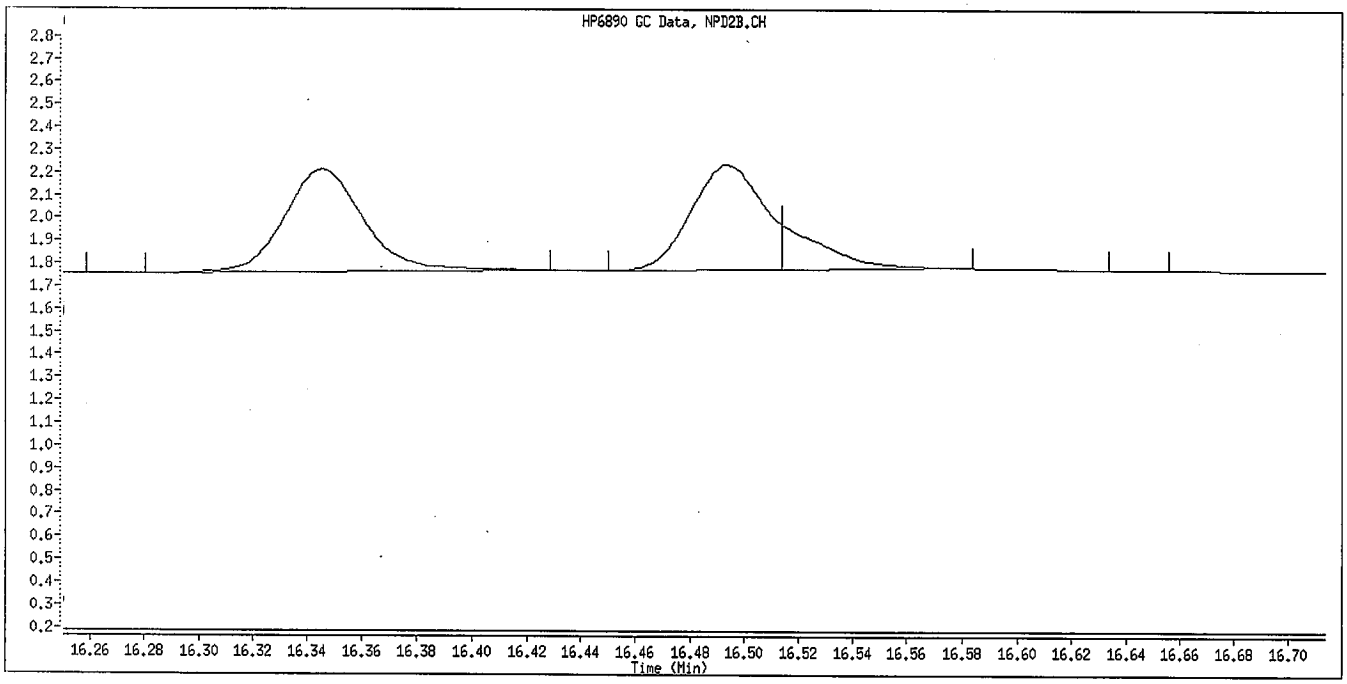
Data File: \\DenSvr03\Public\chem\GCS\GC_D2,i\0626092,B\006F0604,D
Date : 26-JUN-2009 19:50
Client ID: OPP L4 GSV0638
Sample Info: OPP L4 GSV0638
Column phase: RTx-OPPest

Instrument: GC_D2,i
Operator: MPK/TLW
Column diameter: 0.32

Data File Name: 006F0601.D
Inj. Date and Time: 26-JUN-2009 19:50
Instrument ID: GC_D2.i
Client ID: OPP L4 GSV0638
Compound Name: Parathion
CAS #:
Report Date: 06/30/2009



Original Integration

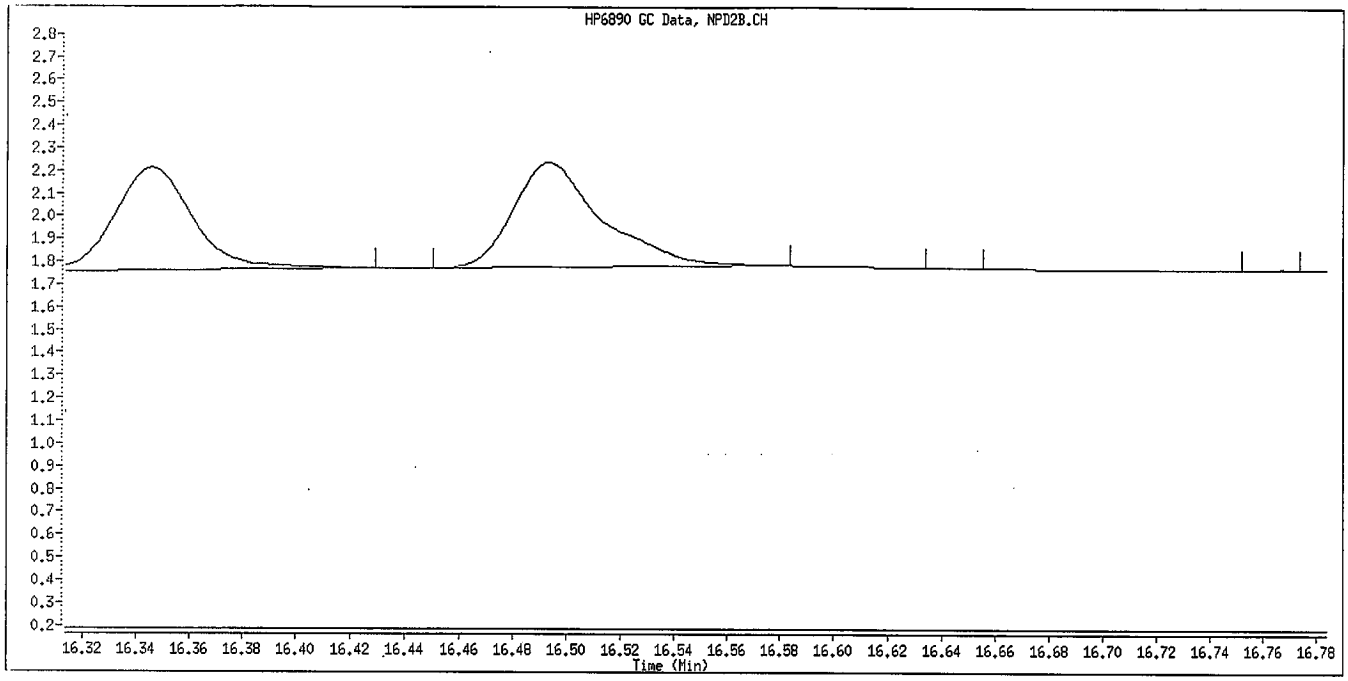


Manual Integration

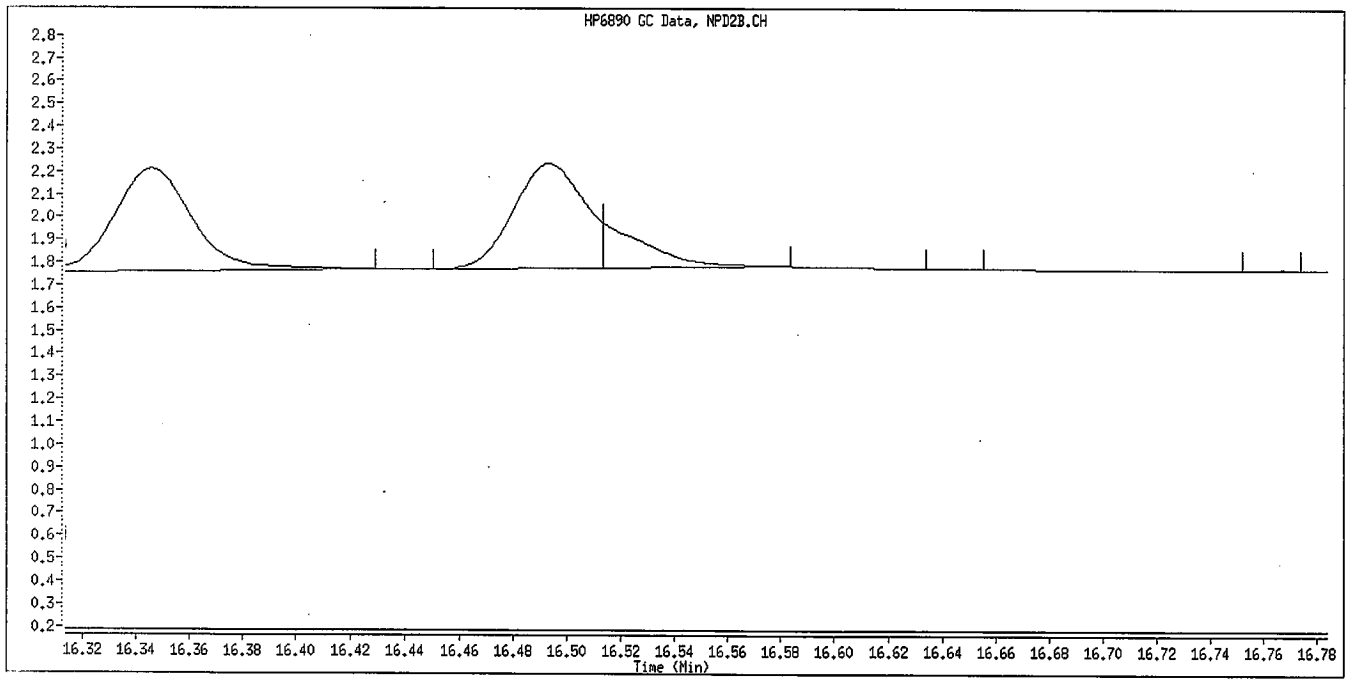
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 006F0601.D
Inj. Date and Time: 26-JUN-2009 19:50
Instrument ID: GC_D2.i
Client ID: OPP L4 GSV0638
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\007F0701.D
Lab Smp Id: OPP L3 GSV0639 Client Smp ID: OPP L3 GSV0639
Inj Date : 26-JUN-2009 20:18
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L3 GSV0639
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Meth Date : 30-Jun-2009 12:58 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 19:50 Cal File: 006F0601.D
Als bottle: 7 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

						AMOUNTS	
	Compounds	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/mL)	ON-COL (ug/mL)
	1 o,o,o-TEPT	4.728	4.731	(0.251)	81887	1.00000	0.9107
	2 Dichlorvos	6.546	6.546	(0.348)	63970	1.00000	0.9111
$	3 Chlormefos	7.383	7.384	(0.392)	61984	1.00000	0.8770
	4 Mevinphos	9.235	9.234	(0.491)	42341	1.00000	0.8952
	5 Demeton-O	9.733	9.734	(0.517)	13386	0.32500	0.2970
	6 Thionazin	9.985	9.984	(0.531)	67347	1.00000	0.9522
	7 Ethoprop	10.500	10.499	(0.558)	50288	1.00000	0.9515
	8 Phorate	10.536	10.539	(0.560)	55056	1.00000	0.8983
	9 Naled	10.941	10.939	(0.582)	10859	1.00000	0.9052
	10 Sulfotepp	11.016	11.017	(0.586)	90141	1.00000	0.9752(A)
*	11 Tributylphosphate	11.116	11.116	(1.000)	109941	2.00000	
	12 Simazine	11.398	11.399	(0.606)	12288	1.00000	0.9282(A)
	13 Diazinon	11.541	11.541	(0.613)	49407	1.00000	1.013
	14 Atrazine	11.581	11.584	(0.616)	21316	1.00000	0.9678(A)
	15 Propazine	11.746	11.747	(0.624)	20907	1.00000	0.9421
	16 Disulfoton	12.050	12.049	(0.640)	47563	1.00000	0.9757
	17 Demeton-S	12.126	12.124	(0.645)	33785	0.68000	0.6688
	18 Dimethoate	13.283	13.282	(0.706)	60106	1.00000	0.9200
	19 Ronnel	13.588	13.587	(0.722)	39845	1.00000	0.9061
	20 Merphos-A (Merphos)	13.690	13.689	(1.231)	42032	1.00000	1.055(A)
	21 Chlorpyrifos	14.410	14.409	(0.766)	43430	1.00000	0.9737
	22 Fenthion	14.663	14.662	(0.779)	40767	1.00000	0.9854
	23 Trichloronate	14.710	14.711	(0.782)	49357	1.00000	0.9220
	24 Anilazine	15.218	15.216	(0.809)	3581	1.00000	0.9372(M)
	25 Methyl Parathion	15.520	15.519	(0.825)	42442	1.00000	0.9503
	26 Malathion	15.725	15.724	(0.836)	39993	1.00000	0.9559
	27 Tokuthion	16.345	16.344	(0.869)	47016	1.00000	0.9598
	28 Parathion	16.493	16.494	(0.877)	43405	1.00000	0.9863(M)
	29 Merphos-B (Merphos Oxone)	16.515	16.517	(1.486)	15065	1.00000	1.162(AM)
	30 Tetrachlorvinphos (stirophos)	16.976	16.977	(0.902)	25459	1.00000	0.8943
	31 Carbophenothion methyl	17.081	17.082	(0.908)	36393	1.00000	0.8919
	32 Bolstar	17.441	17.440	(0.927)	41390	1.00000	0.9630
	33 Carbophenothion	17.523	17.524	(0.931)	40089	1.00000	0.9485(A)

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	34 Triphenyl phosphate	18.280	18.281	(0.972)	31677	1.00000	0.9133
	35 Fensulfothion	18.558	18.559	(0.986)	30601	1.00000	0.9609
*	36 TOCP	18.815	18.816	(1.000)	69519	2.00000	
	37 Phosmet / EPN	18.908	18.909	(1.005)	68186	2.00000	1.866
	38 Famphur	19.010	19.011	(1.010)	41284	1.00000	0.9054
	39 Azinphos-methyl	19.145	19.147	(1.018)	37491	1.00000	0.8988
	40 Azinphos-ethyl	19.365	19.366	(1.029)	38936	1.00000	0.9801
	41 Coumaphos	20.345	20.347	(1.081)	29854	1.00000	0.9774
S	42 Merphos				57097	1.00000	0.9855
M	43 Total Demeton				47171	1.00000	0.9658

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

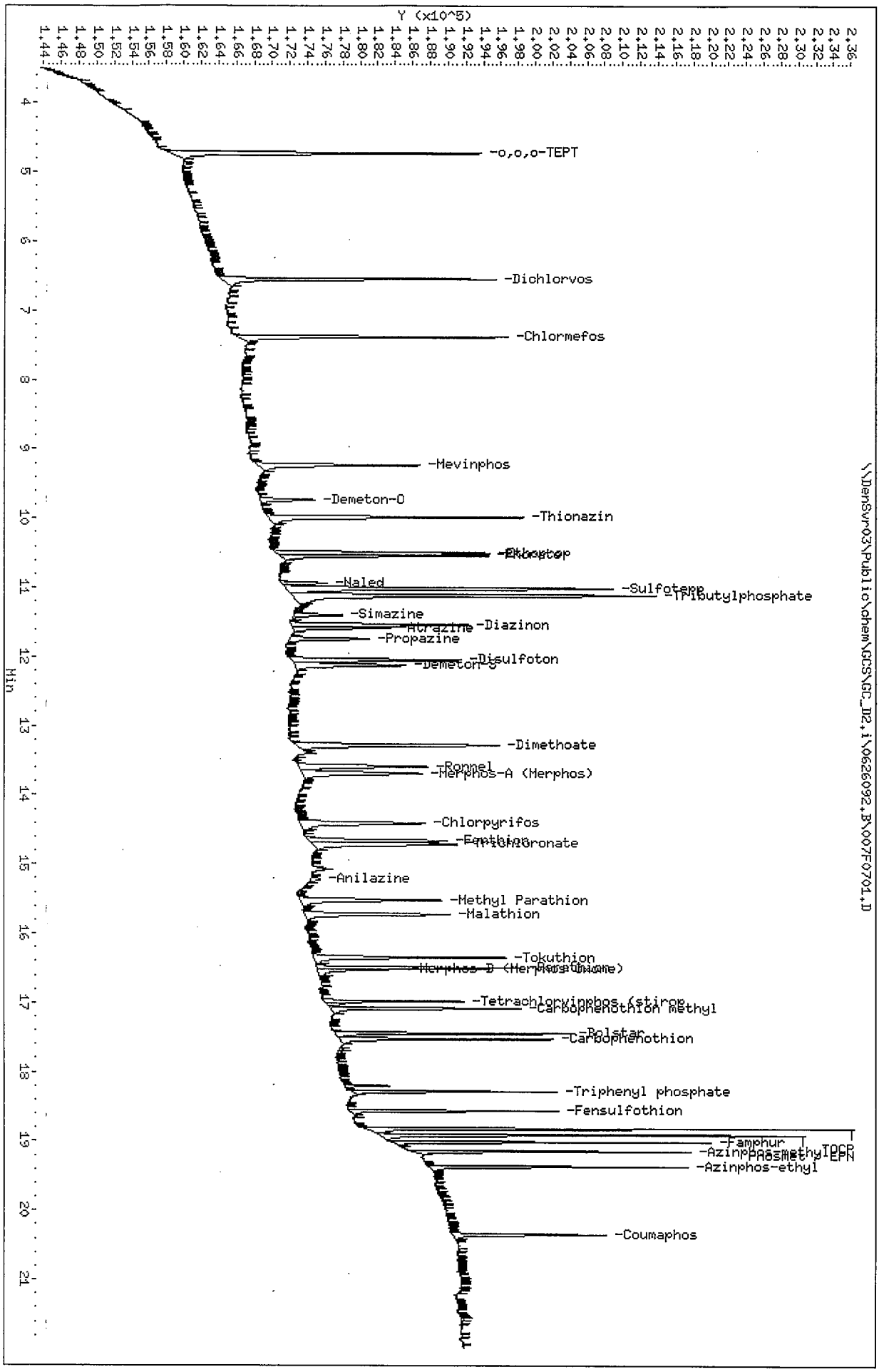
Instrument ID: GC_D2.i
Lab File ID: 007F0701.D
Lab Smp Id: OPP L3 GSV0639
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Misc Info:

Calibration Date: 26-JUN-2009
Calibration Time: 19:50
Client Smp ID: OPP L3 GSV0639
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	126959	63480	253918	109941	-13.40
36 TOCP	68161	34081	136322	69519	1.99

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.12	0.01
36 TOCP	18.82	18.32	19.32	18.82	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



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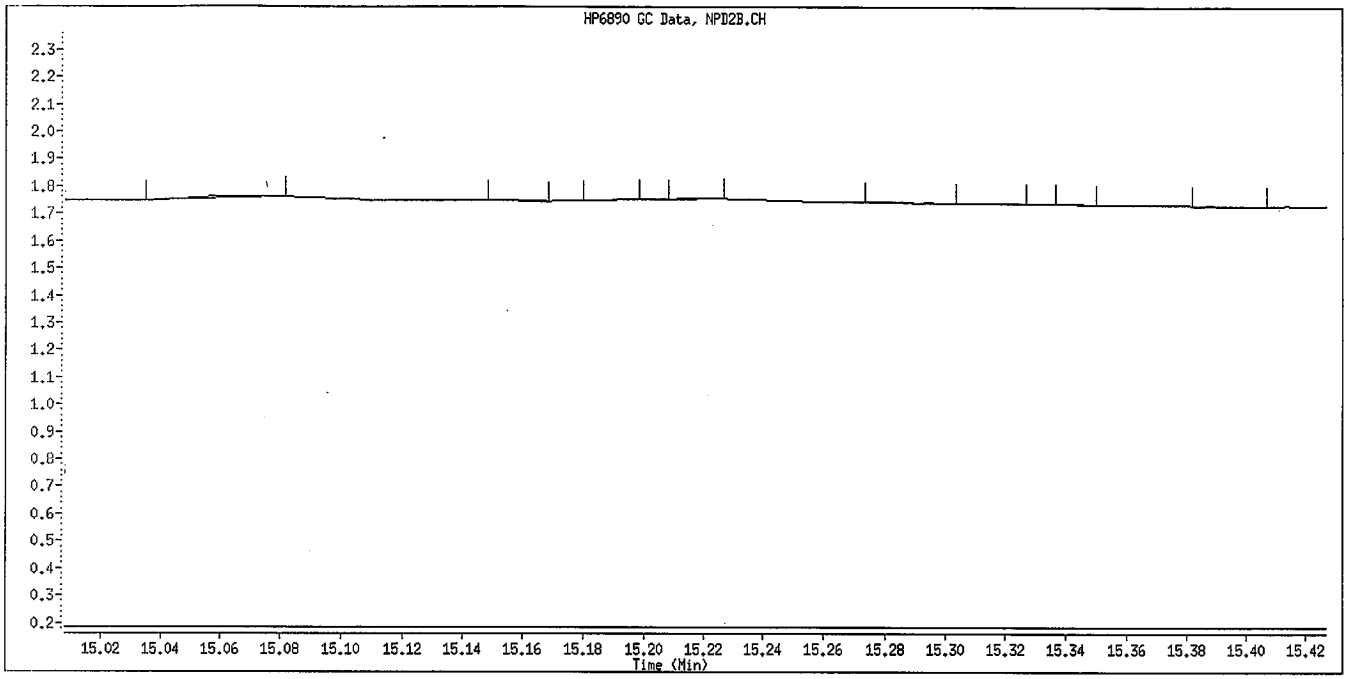
Date : 26-JUN-2009 20:18
Client ID: OPP L3 GSV0639
Sample Info: OPP L3 GSV0639
Column phase: RTx-OPPest

Instrument: GC_D2,i
Operator: MPK/TLW
Column diameter: 0.32

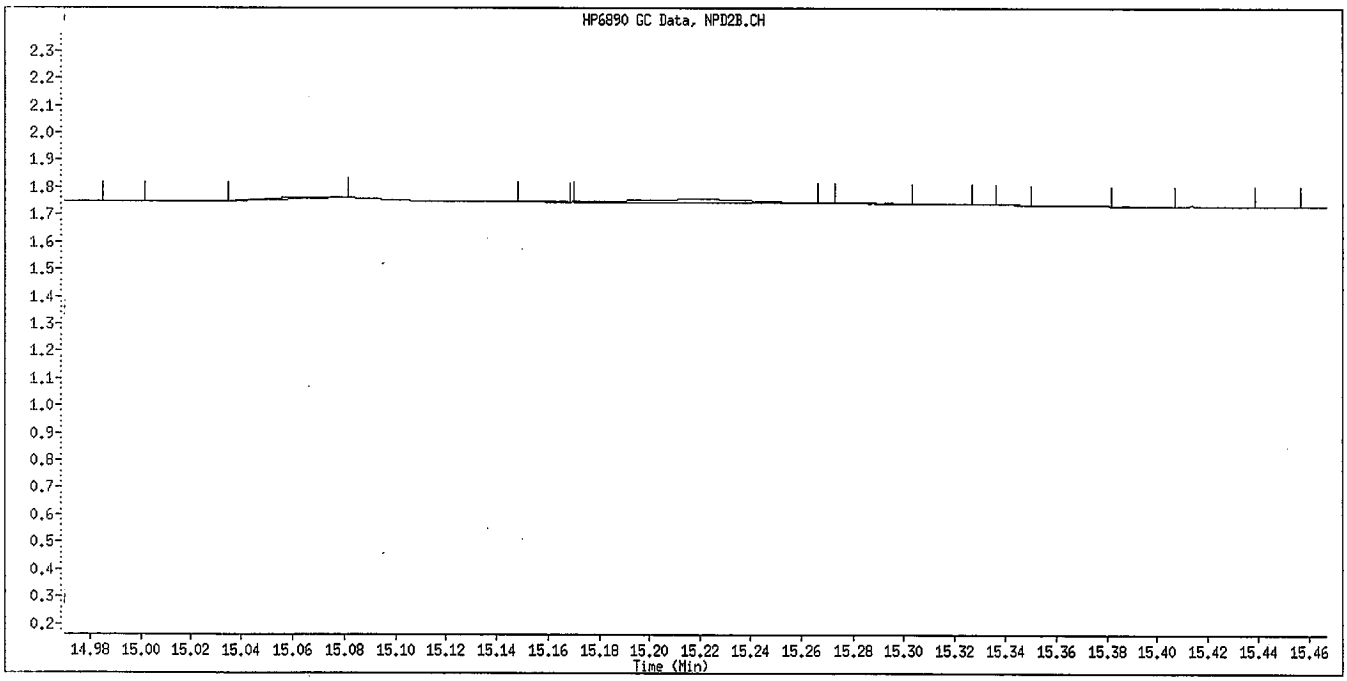
\\DenSvr03\Public\chem\GCS\GC_D2,i\0626092,B\007F0701.D

Page 4

Data File Name: 007F0701.D
Inj. Date and Time: 26-JUN-2009 20:18
Instrument ID: GC_D2.i
Client ID: OPP L3 GSV0639
Compound Name: Anilazine
CAS #:
Report Date: 06/30/2009



Original Integration

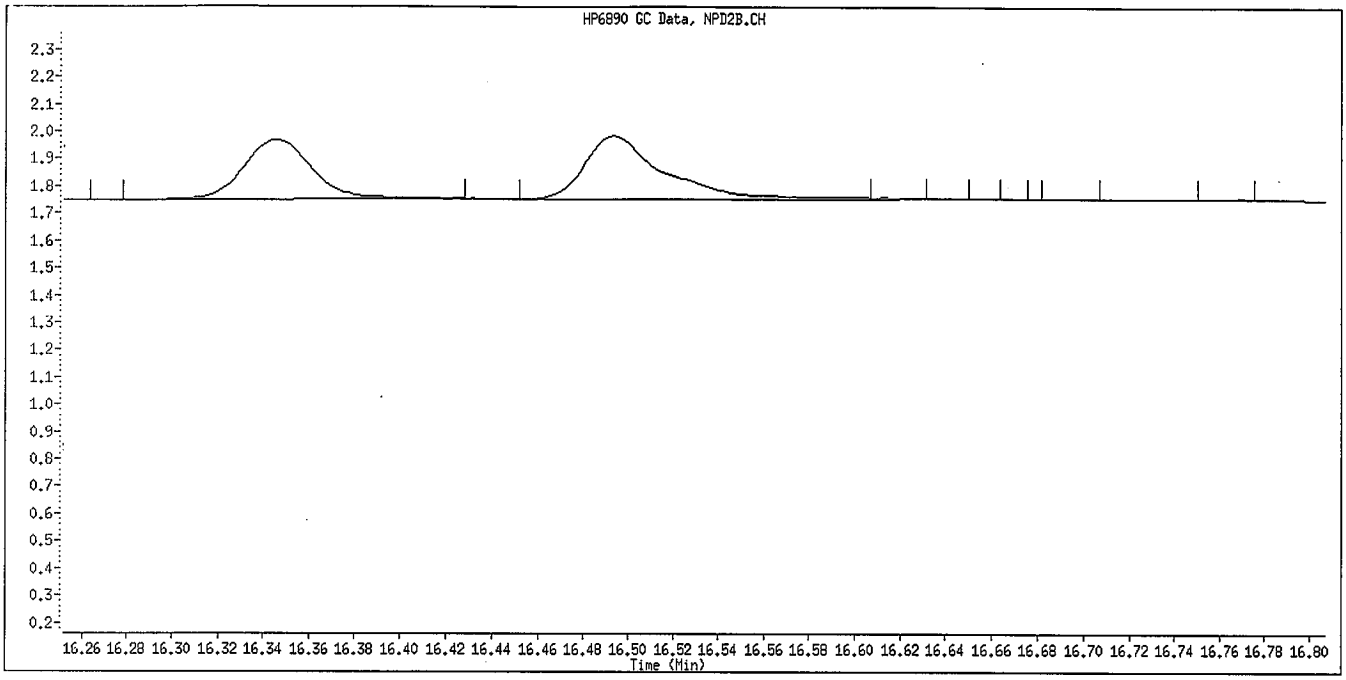


Manual Integration

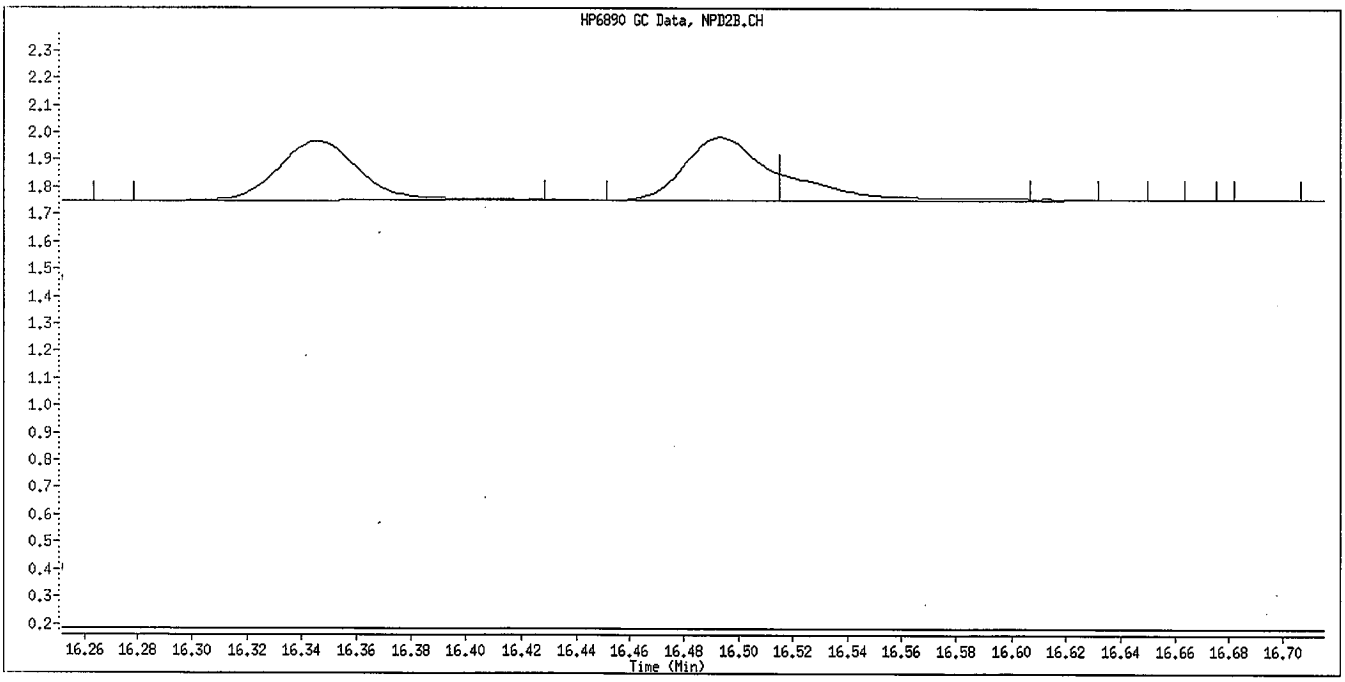
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 007F0701.D
Inj. Date and Time: 26-JUN-2009 20:18
Instrument ID: GC_D2.i
Client ID: OPP L3 GSV0639
Compound Name: Parathion
CAS #:
Report Date: 06/30/2009



Original Integration

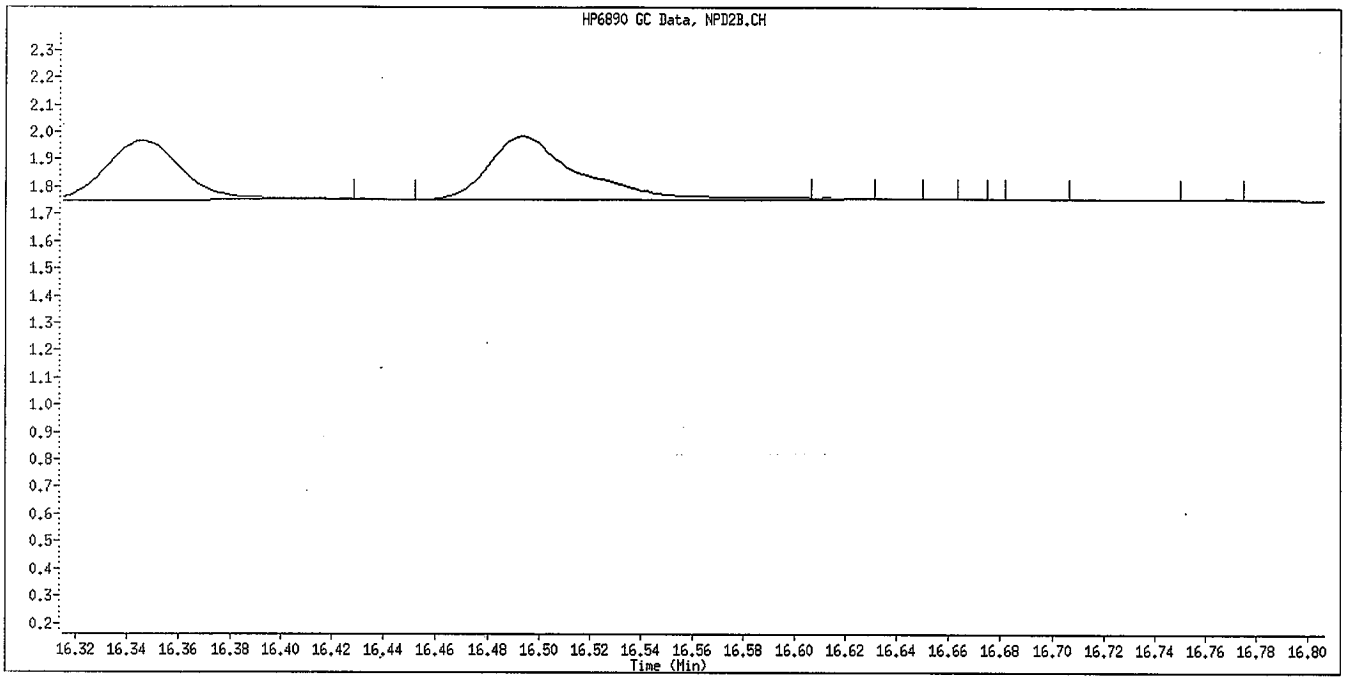


Manual Integration

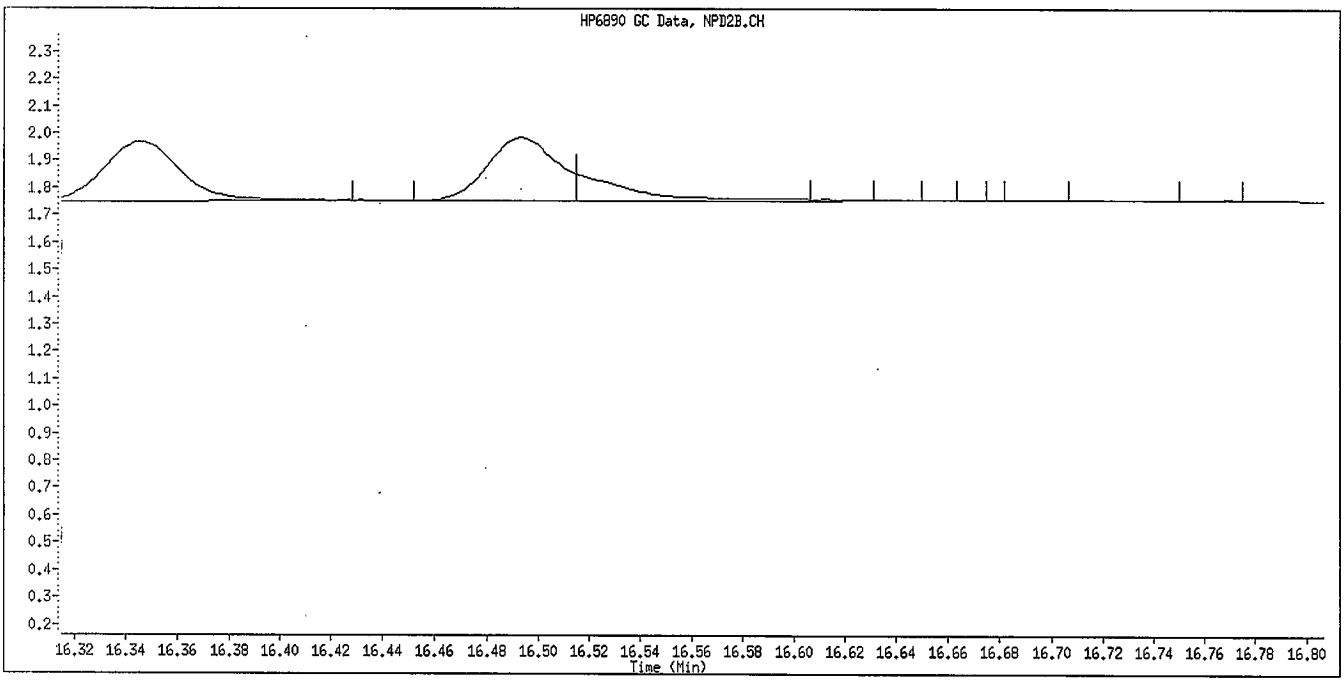
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 007F0701.D
Inj. Date and Time: 26-JUN-2009 20:18
Instrument ID: GC_D2.i
Client ID: OPP L3 GSV0639
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\008F0801.D
Lab Smp Id: OPP L2 GSV0640 Client Smp ID: OPP L2 GSV0640
Inj Date : 26-JUN-2009 20:45
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L2 GSV0640
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Meth Date : 30-Jun-2009 12:58 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 20:18 Cal File: 007F0701.D
Als bottle: 8 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

		Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1	o,o,o-TEPT	4.729	4.731	(0.251)	43725	0.50000	0.4721
	2	Dichlorvos	6.546	6.546	(0.348)	32623	0.50000	0.4511
$	3	Chlormefos	7.383	7.384	(0.392)	32886	0.50000	0.4517
	4	Mevinphos	9.233	9.234	(0.491)	22377	0.50000	0.4593
	5	Demeton-O	9.734	9.734	(0.517)	7562	0.16250	0.1629
	6	Thionazin	9.983	9.984	(0.531)	32975	0.50000	0.4526
	7	Ethoprop	10.501	10.499	(0.558)	25261	0.50000	0.4640
	8	Phorate	10.538	10.539	(0.560)	28693	0.50000	0.4545
	9	Naled	10.934	10.939	(0.581)	1666	0.50000	0.3635
	10	Sulfotepp	11.018	11.017	(0.586)	45401	0.50000	0.4768(A)
*	11	Tributylphosphate	11.118	11.116	(1.000)	107017	2.00000	
	12	Simazine	11.401	11.399	(0.606)	6209	0.50000	0.4553(A)
	13	Diazinon	11.541	11.541	(0.613)	15923	0.50000	0.3370
	14	Atrazine	11.579	11.584	(0.615)	1231	0.50000	0.2736(A)
	15	Propazine	11.746	11.747	(0.624)	8102	0.50000	0.3907
	16	Disulfoton	12.049	12.049	(0.640)	23807	0.50000	0.4741
	17	Demeton-S	12.124	12.124	(0.644)	15766	0.34000	0.3681
	18	Dimethoate	13.281	13.282	(0.706)	33707	0.50000	0.5009
	19	Ronnel	13.588	13.587	(0.722)	19648	0.50000	0.4338
	20	Merphos-A (Merphos)	13.689	13.689	(1.231)	19488	0.50000	0.5025(A)
	21	Chlorpyrifos	14.409	14.409	(0.766)	20746	0.50000	0.4515
	22	Fenthion	14.661	14.662	(0.779)	20747	0.50000	0.4869
	23	Trichloronate	14.709	14.711	(0.782)	26053	0.50000	0.5238
	24	Anilazine	15.213	15.216	(0.809)	2256	0.50000	0.5727(M)
	25	Methyl Parathion	15.519	15.519	(0.825)	20061	0.50000	0.4361
	26	Malathion	15.724	15.724	(0.836)	21428	0.50000	0.4972
	27	Tokuthion	16.346	16.344	(0.869)	23462	0.50000	0.4650
	28	Parathion	16.493	16.494	(0.877)	20700	0.50000	0.4566(M)
	29	Merphos-B (Merphos Oxone)	16.514	16.517	(1.485)	6271	0.50000	0.4377(AM)
	30	Tetrachlorvinphos (stirophos)	16.976	16.977	(0.902)	13089	0.50000	0.4464
	31	Carbophenothion methyl	17.081	17.082	(0.908)	18266	0.50000	0.4346
	32	Bolstar	17.441	17.440	(0.927)	21910	0.50000	0.4949
	33	Carbophenothion	17.521	17.524	(0.931)	20336	0.50000	0.4671(A)

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	34 Triphenyl phosphate	18.279	18.281	(0.972)	15570	0.50000	0.4358
	35 Fensulfothion	18.558	18.559	(0.986)	14395	0.50000	0.4388
*	36 TOCP	18.814	18.816	(1.000)	71609	2.00000	
	37 Phosmet / EPN	18.908	18.909	(1.005)	35826	1.00000	0.9102
	38 Famphur	19.009	19.011	(1.010)	21626	0.50000	0.4604
	39 Azinphos-methyl	19.146	19.147	(1.018)	19508	0.50000	0.4540
	40 Azinphos-ethyl	19.364	19.366	(1.029)	19984	0.50000	0.4884
	41 Coumaphos	20.348	20.347	(1.081)	14618	0.50000	0.4646
S	42 Merphos				25759	0.50000	0.4316
M	43 Total Demeton				23328	0.50000	0.5310

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

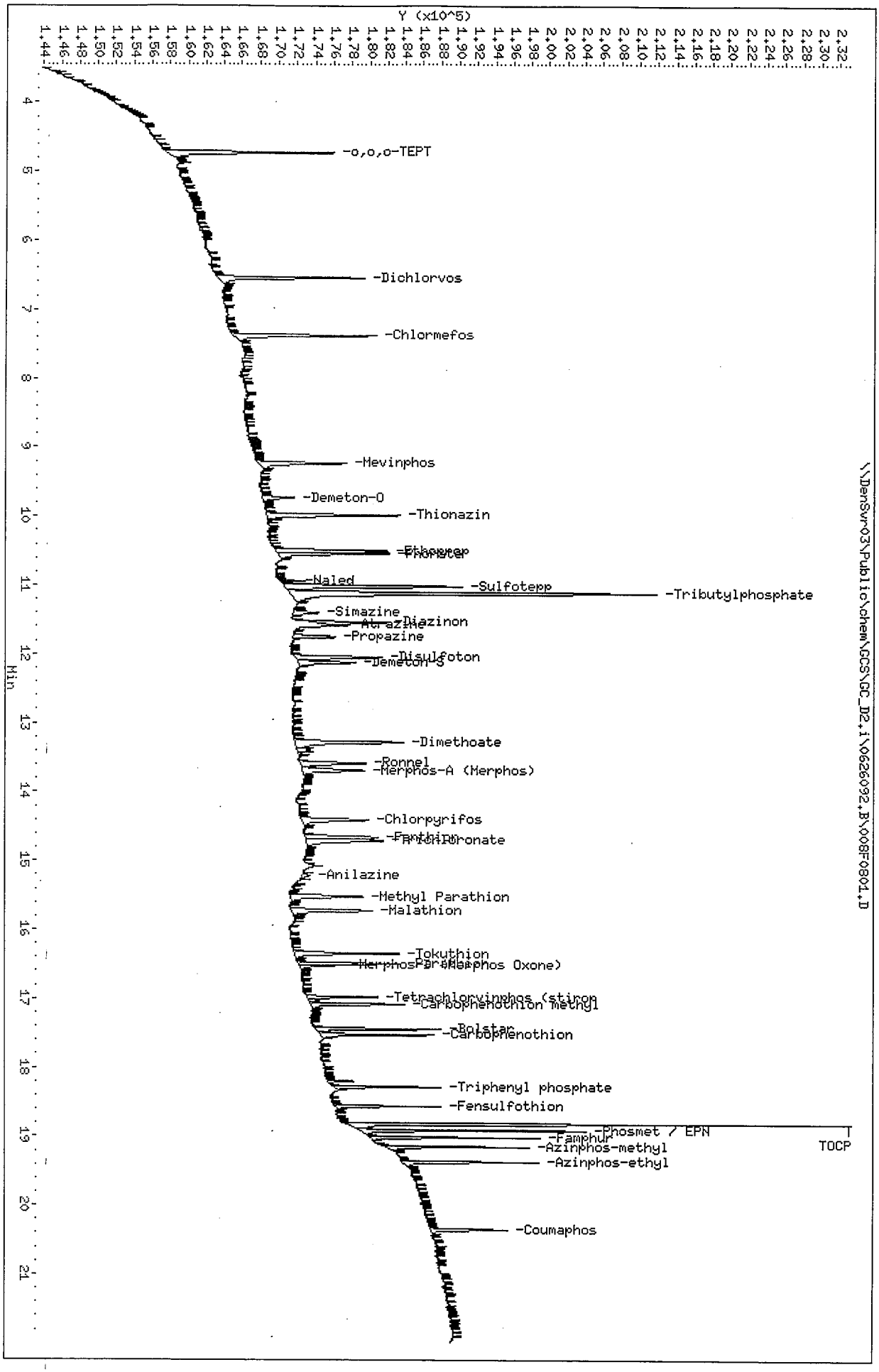
Instrument ID: GC_D2.i
Lab File ID: 008F0801.D
Lab Smp Id: OPP L2 GSV0640
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Misc Info:

Calibration Date: 26-JUN-2009
Calibration Time: 19:50
Client Smp ID: OPP L2 GSV0640
Level:
Sample Type:

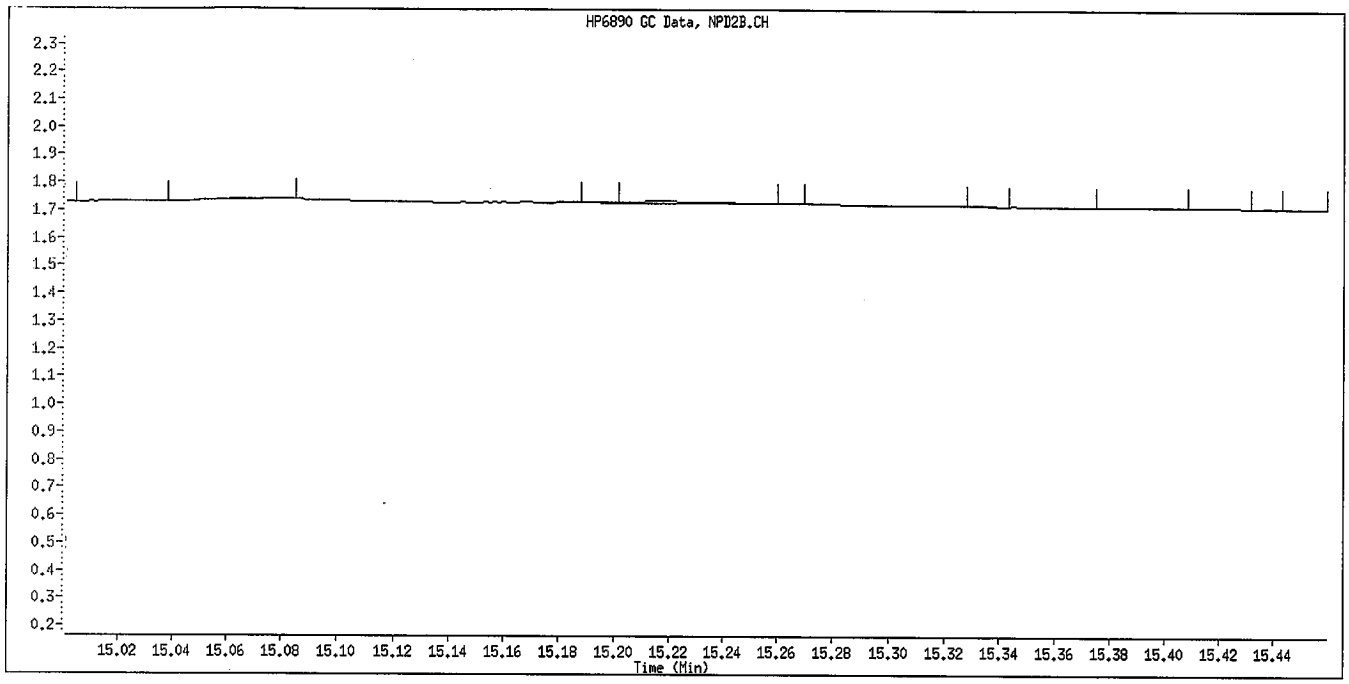
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	126959	63480	253918	107017	-15.71
36 TOCP	68161	34081	136322	71609	5.06

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.12	0.02
36 TOCP	18.82	18.32	19.32	18.81	-0.00

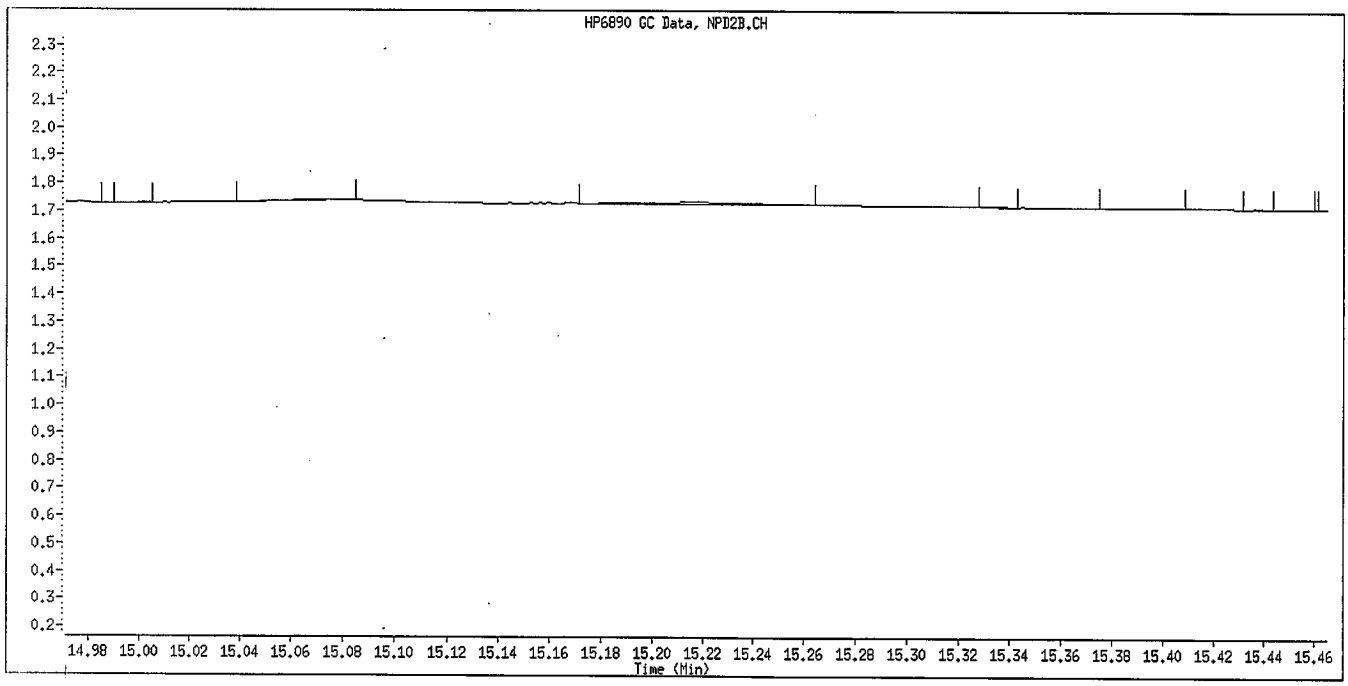
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\008F0801.D
Date : 26-JUN-2009 20:45
Client ID: OPP L2 GSV0640
Sample Info: OPP L2 GSV0640
Column phase: RTx-OPPest
Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32
\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\008F0801.D
Y (x10^5)
Min
-o,o,o-TEPT
-Dichlorvos
-Chlormefos
-Mevinphos
-Demeton-O
-Thionazin
-Naled
-Sulfotepp
-Tributylphosphate
-Simazine
-Diazinon
-Propazine
-Disulfoton
-Demeton-S
-Dimethoate
-Ronnel
-Merphos-A (Merphos)
-Chlorpyrifos
-Fenthion
-Trichloronate
-Anilazine
-Methyl Parathion
-Malathion
-Tokuthion
-Merphos Oxone)
-Tetrachlorvinphos (stirofos)
-Carbophenothion methyl
-Bolstar
-Carbophenothion
-Triphenyl phosphate
-Fensulfothion
-Phosmet / EPN
-Famphur
-Azinphos-methyl
-Azinphos-ethyl
TOCP
-Coumaphos

Data File Name: 008F0801.D
Inj. Date and Time: 26-JUN-2009 20:45
Instrument ID: GC_D2.i
Client ID: OPP L2 GSV0640
Compound Name: Anilazine
CAS #:
Report Date: 06/30/2009



Original Integration

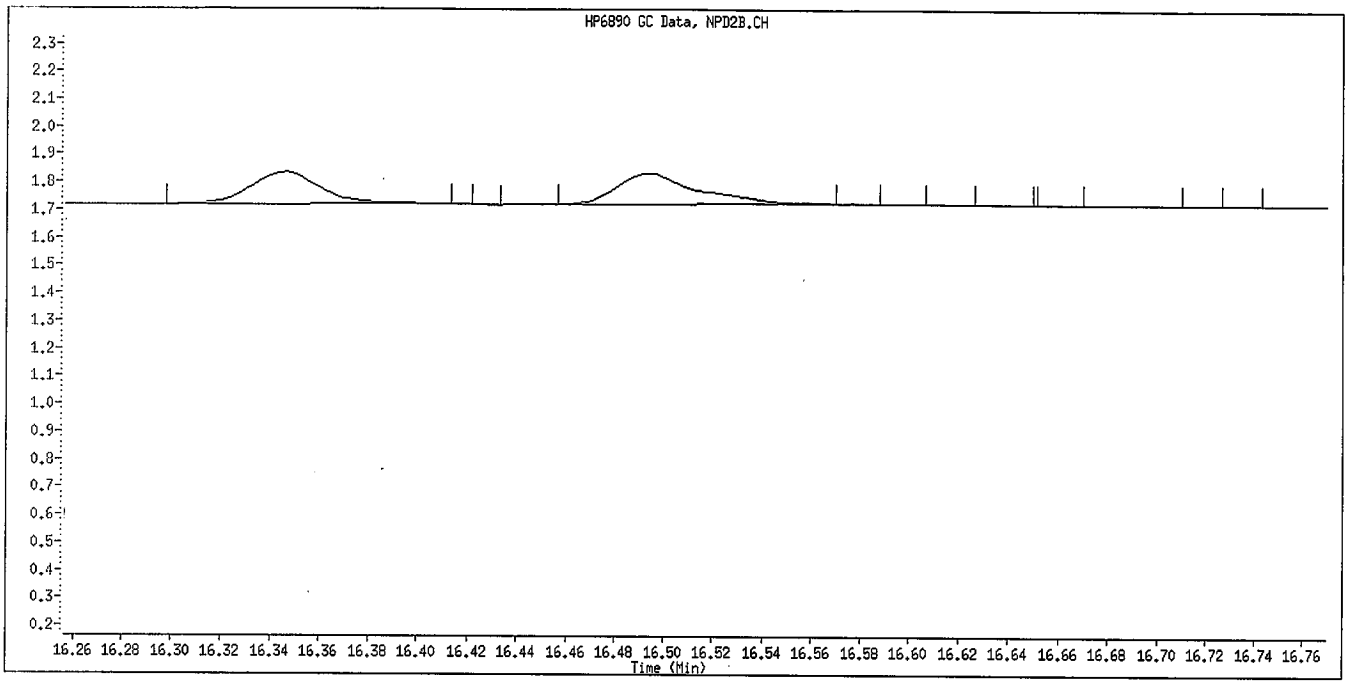


Manual Integration

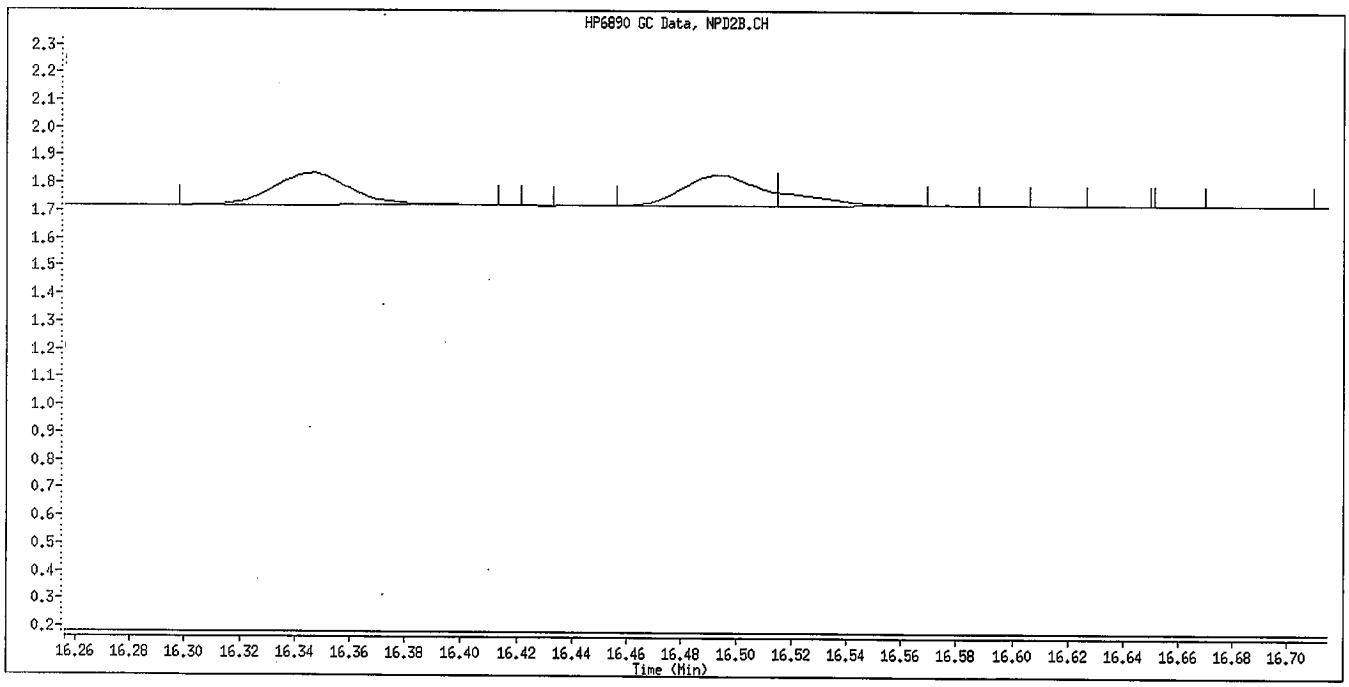
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 008F0801.D
Inj. Date and Time: 26-JUN-2009 20:45
Instrument ID: GC_D2.i
Client ID: OPP L2 GSV0640
Compound Name: Parathion
CAS #:
Report Date: 06/30/2009



Original Integration

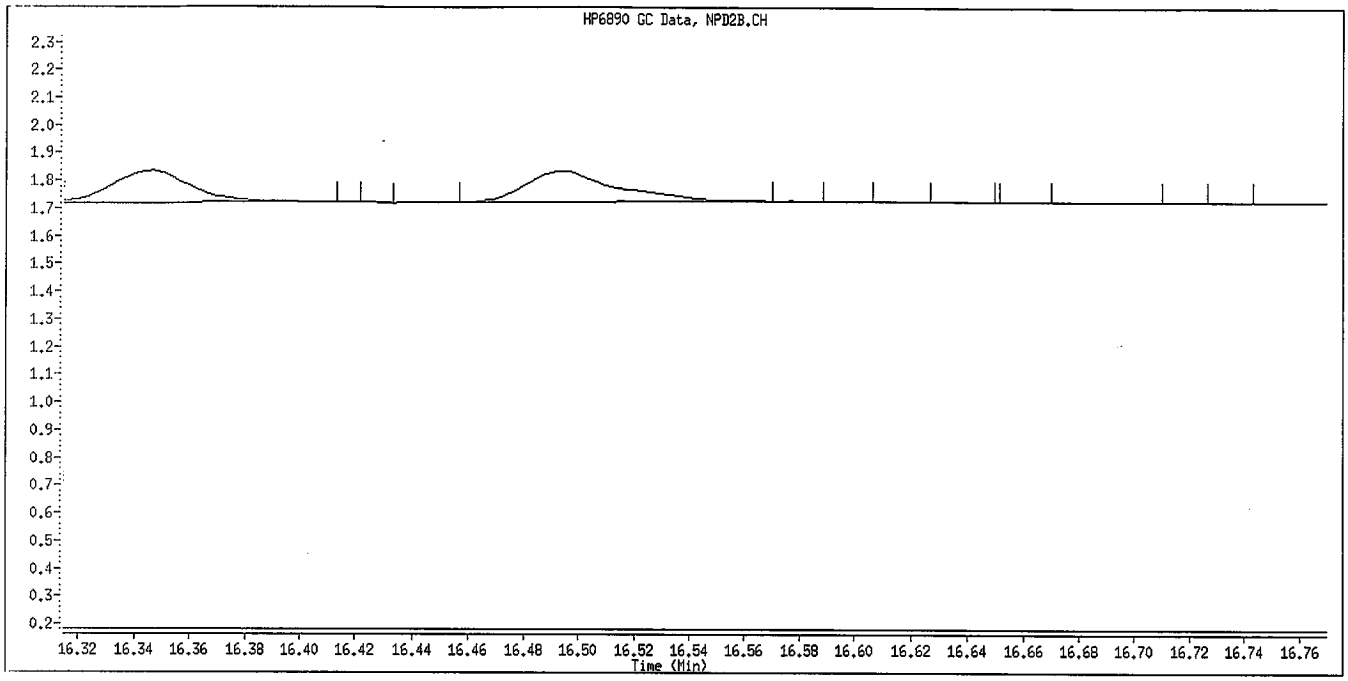


Manual Integration

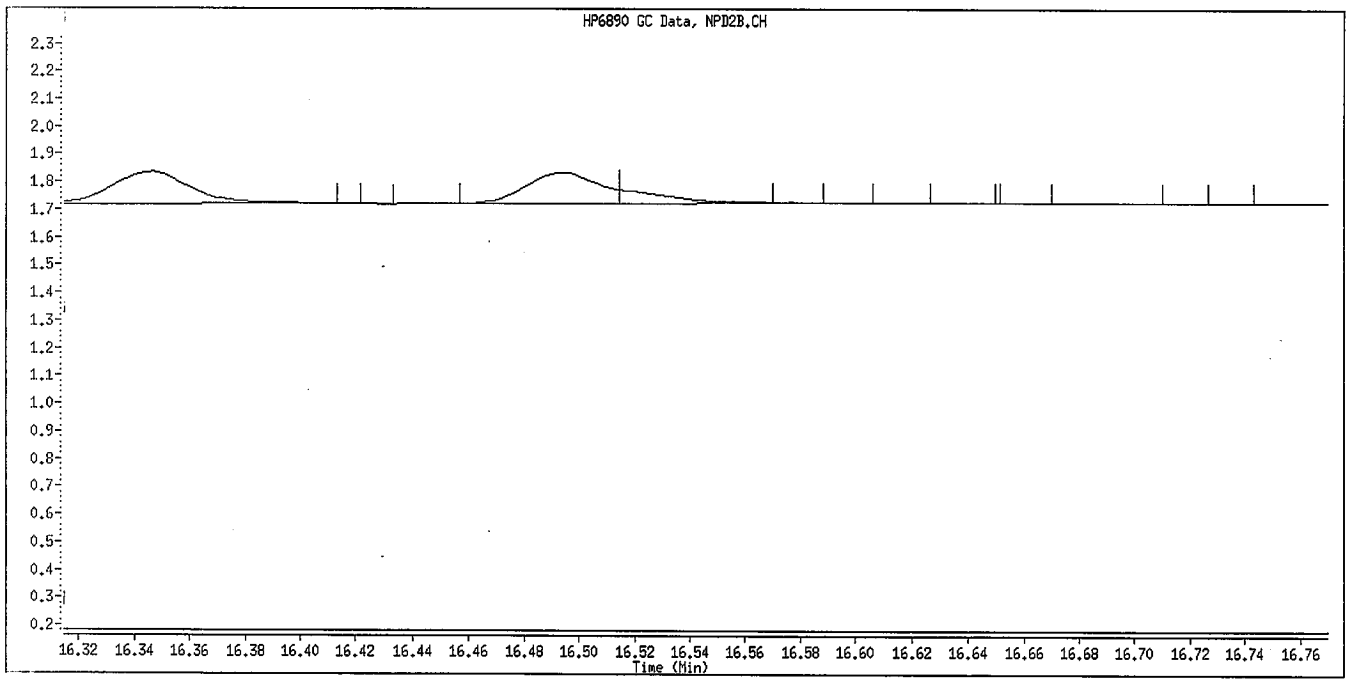
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 008F0801.D
Inj. Date and Time: 26-JUN-2009 20:45
Instrument ID: GC_D2.i
Client ID: OPP L2 GSV0640
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\009F0901.D
Lab Smp Id: OPP L1 GSV0641 Client Smp ID: OPP L1 GSV0641
Inj Date : 26-JUN-2009 21:13
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L1 GSV0641
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Meth Date : 30-Jun-2009 12:58 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 20:45 Cal File: 008F0801.D
Als bottle: 9 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1 o,o,o-TEPT	4.731	4.731	(0.251)	21538	0.20000	0.2262
	2 Dichlorvos	6.546	6.546	(0.348)	14456	0.20000	0.1945
$	3 Chlormefos	7.382	7.384	(0.392)	16155	0.20000	0.2159
	4 Mevinphos	9.236	9.234	(0.491)	10624	0.20000	0.2122
	5 Demeton-O	9.737	9.734	(0.518)	2866	0.06500	0.06007
	6 Thionazin	9.986	9.984	(0.531)	15885	0.20000	0.2121
	7 Ethoprop	10.502	10.499	(0.558)	12514	0.20000	0.2237
	8 Phorate	10.537	10.539	(0.560)	13936	0.20000	0.2148
	9 Naled	10.939	10.939	(0.581)	94	0.20000	0.2739
	10 Sulfotepp	11.016	11.017	(0.585)	20595	0.20000	0.2105 (A)
*	11 Tributylphosphate	11.117	11.116	(1.000)	104756	2.00000	
	12 Simazine	11.399	11.399	(0.606)	2680	0.20000	0.1912 (A)
	13 Diazinon	11.541	11.541	(0.613)	12067	0.20000	0.2561
	14 Atrazine	11.581	11.584	(0.615)	5427	0.20000	0.4092 (A)
	15 Propazine	11.746	11.747	(0.624)	4880	0.20000	0.2531
	16 Disulfoton	12.052	12.049	(0.641)	10273	0.20000	0.1991
	17 Demeton-S	12.121	12.124	(0.644)	667	0.13600	0.1293
	18 Dimethoate	13.282	13.282	(0.706)	14242	0.20000	0.2059
	19 Ronnel	13.587	13.587	(0.722)	10994	0.20000	0.2362
	20 Merphos-A (Merphos)	13.689	13.689	(1.231)	7722	0.20000	0.2034 (A)
	21 Chlorpyrifos	14.409	14.409	(0.766)	9439	0.20000	0.1999
	22 Fenthion	14.661	14.662	(0.779)	8896	0.20000	0.2031
	23 Trichloronate	14.709	14.711	(0.782)	6944	0.20000	0.2138
	24 Anilazine	15.217	15.216	(0.809)	1634	0.20000	0.4033 (M)
	25 Methyl Parathion	15.519	15.519	(0.825)	8934	0.20000	0.1890
	26 Malathion	15.724	15.724	(0.836)	9125	0.20000	0.2060
	27 Tokuthion	16.344	16.344	(0.869)	11061	0.20000	0.2133
	28 Parathion	16.494	16.494	(0.877)	9355	0.20000	0.2008 (M)
	29 Merphos-B (Merphos Oxone)	16.512	16.517	(1.485)	3793	0.20000	0.2310 (AM)
	30 Tetrachlorvinphos (stirophos)	16.976	16.977	(0.902)	6332	0.20000	0.2101
	31 Carbophenothion methyl	17.081	17.082	(0.908)	8575	0.20000	0.1985
	32 Bolstar	17.441	17.440	(0.927)	9809	0.20000	0.2156
	33 Carbophenothion	17.522	17.524	(0.931)	8717	0.20000	0.1948 (A)

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	34 Triphenyl phosphate	18.281	18.281	(0.972)	8167	0.20000	0.2224
	35 Fensulfothion	18.559	18.559	(0.986)	6502	0.20000	0.1929
*	36 TOCP	18.816	18.816	(1.000)	73597	2.00000	
	37 Phosmet / EPN	18.909	18.909	(1.005)	19707	0.40000	0.4475
	38 Famphur	19.012	19.011	(1.010)	10711	0.20000	0.2219
	39 Azinphos-methyl	19.149	19.147	(1.018)	9243	0.20000	0.2093
	40 Azinphos-ethyl	19.367	19.366	(1.029)	8391	0.20000	0.1995
	41 Coumaphos	20.349	20.347	(1.081)	5809	0.20000	0.1796
S	42 Merphos				11515	0.20000	0.1877
M	43 Total Demeton				3533	0.20000	0.1894

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

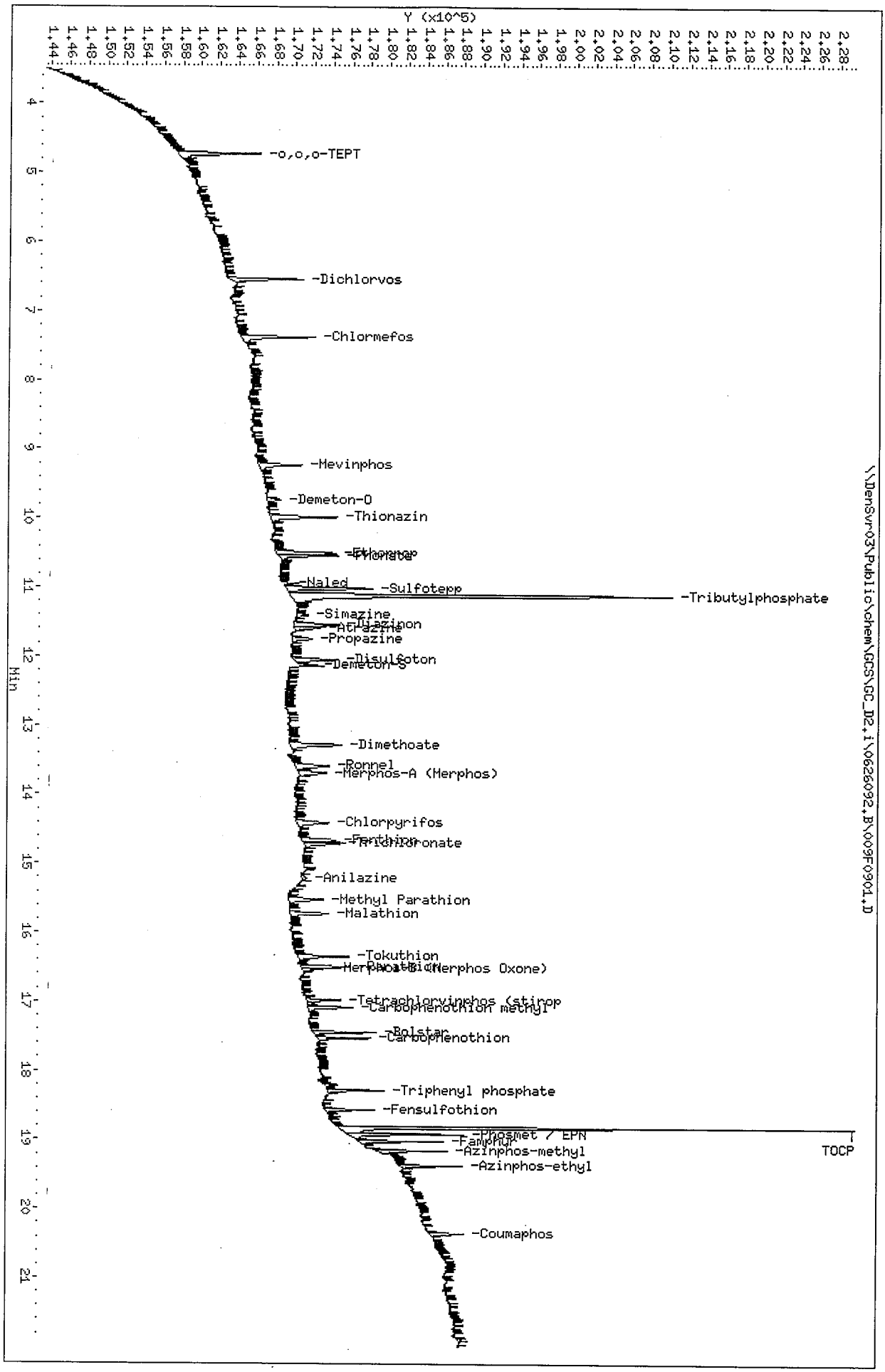
Instrument ID: GC_D2.i
Lab File ID: 009F0901.D
Lab Smp Id: OPP L1 GSV0641
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Misc Info:

Calibration Date: 26-JUN-2009
Calibration Time: 19:50
Client Smp ID: OPP L1 GSV0641
Level:
Sample Type:

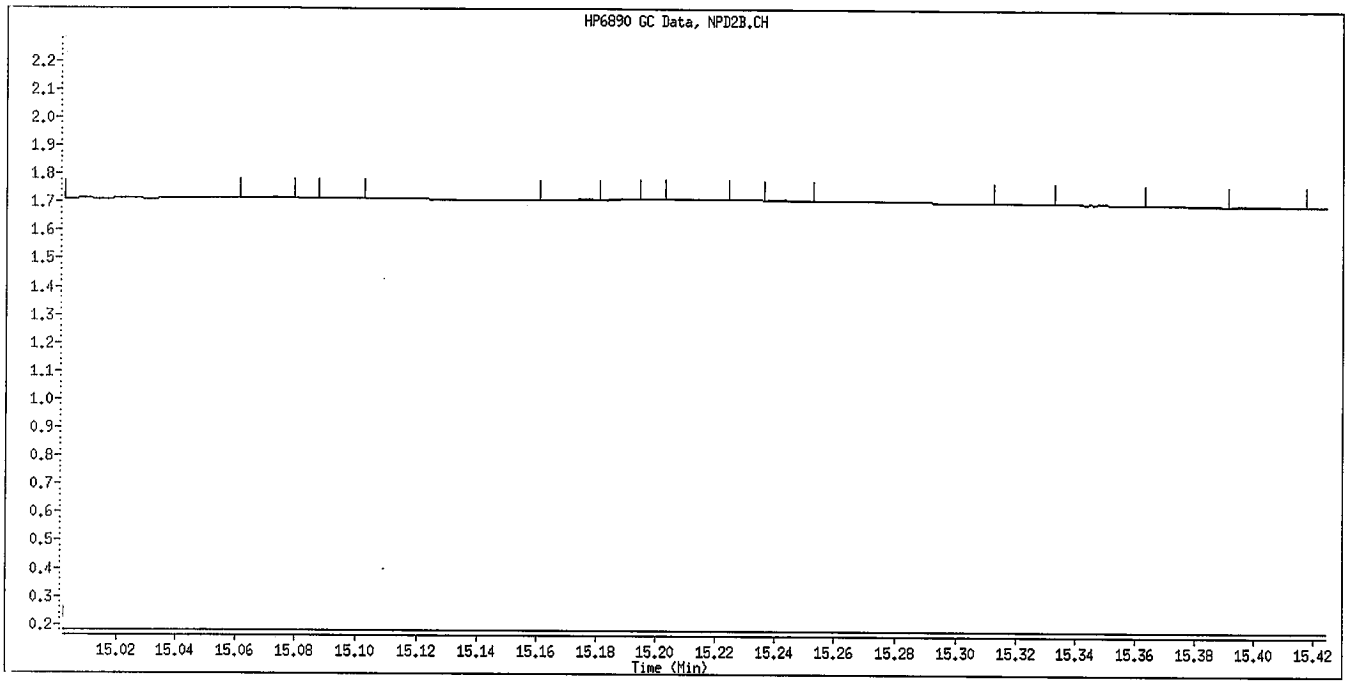
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	126959	63480	253918	104756	-17.49
36 TOCP	68161	34081	136322	73597	7.98

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.12	0.02
36 TOCP	18.82	18.32	19.32	18.82	0.00

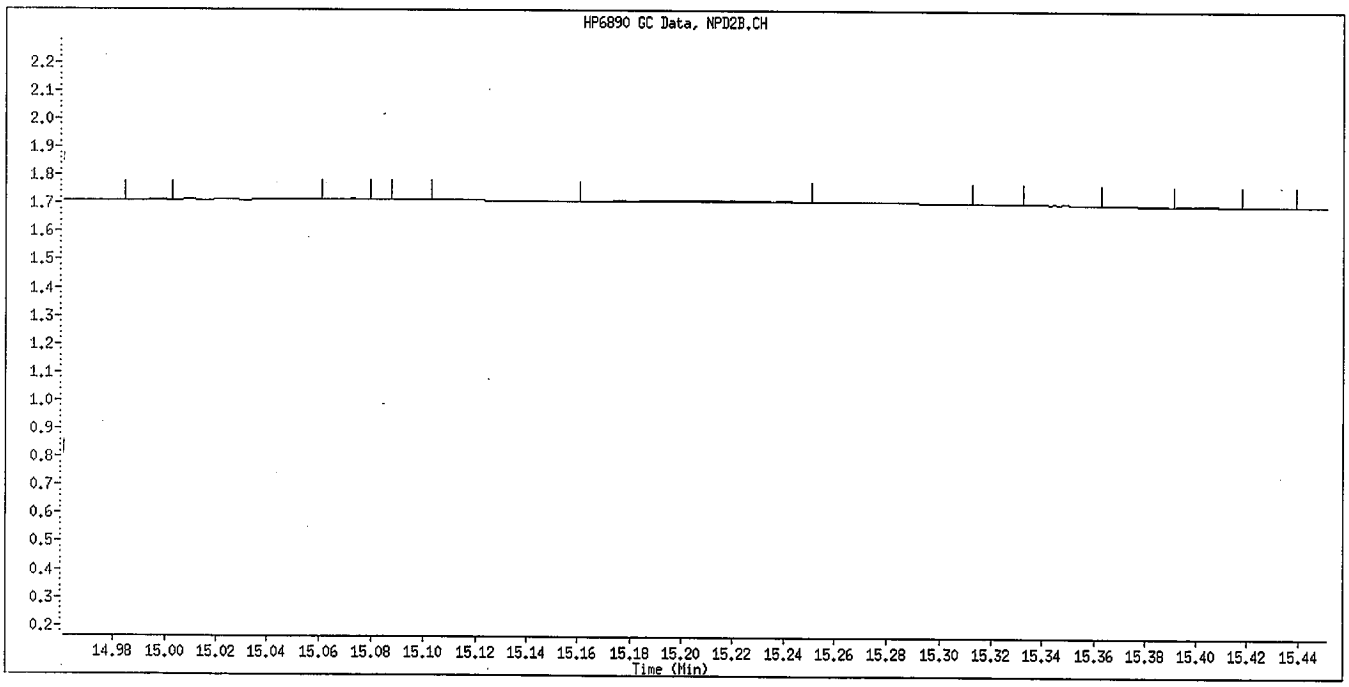
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\DenSvr03\Public\chem\GCS\GC_D2,i\0626092,B\009F0901.D
Date : 26-JUN-2009 21:13
Client ID: OPP L1 GSV0641
Sample Info: OPP L1 GSV0641
Column phase: RTx-OPPest
Instrument: GC_D2,i
Operator: MPK/TLW
Column diameter: 0.32
\\DenSvr03\Public\chem\GCS\GC_D2,i\0626092,B\009F0901.D
Y (x10^5)
Min
-o,o,o-TEPT
-Dichlorvos
-Chlormefos
-Mevinphos
-Demeton-O
-Thionazin
-Ethoprop
-Phorate
-Naled
-Sulfotepp
-Tributylphosphate
-Simazine
-Atrazine
-Propazine
-Disulfoton
-Demeton-S
-Dimethoate
-Ronnel
-Merphos-A (Merphos)
-Chlorpyrifos
-Fenthion
-Trichloronate
-Anilazine
-Methyl Parathion
-Malathion
-Tokuthion
-Merphos-B (Merphos Oxone)
-Tetrachlorvinphos (stirop
-Carbophenothion methyl
-Bolstar
-Carbophenothion
-Triphenyl phosphate
-Fensulfothion
-Phosmet / EPN
-Famphur
-Azinphos-methyl
-Azinphos-ethyl
TOCP
-Coumaphos
Page 4

Data File Name: 009F0901.D
Inj. Date and Time: 26-JUN-2009 21:13
Instrument ID: GC_D2.i
Client ID: OPP L1 GSV0641
Compound Name: Anilazine
CAS #:
Report Date: 06/30/2009



Original Integration

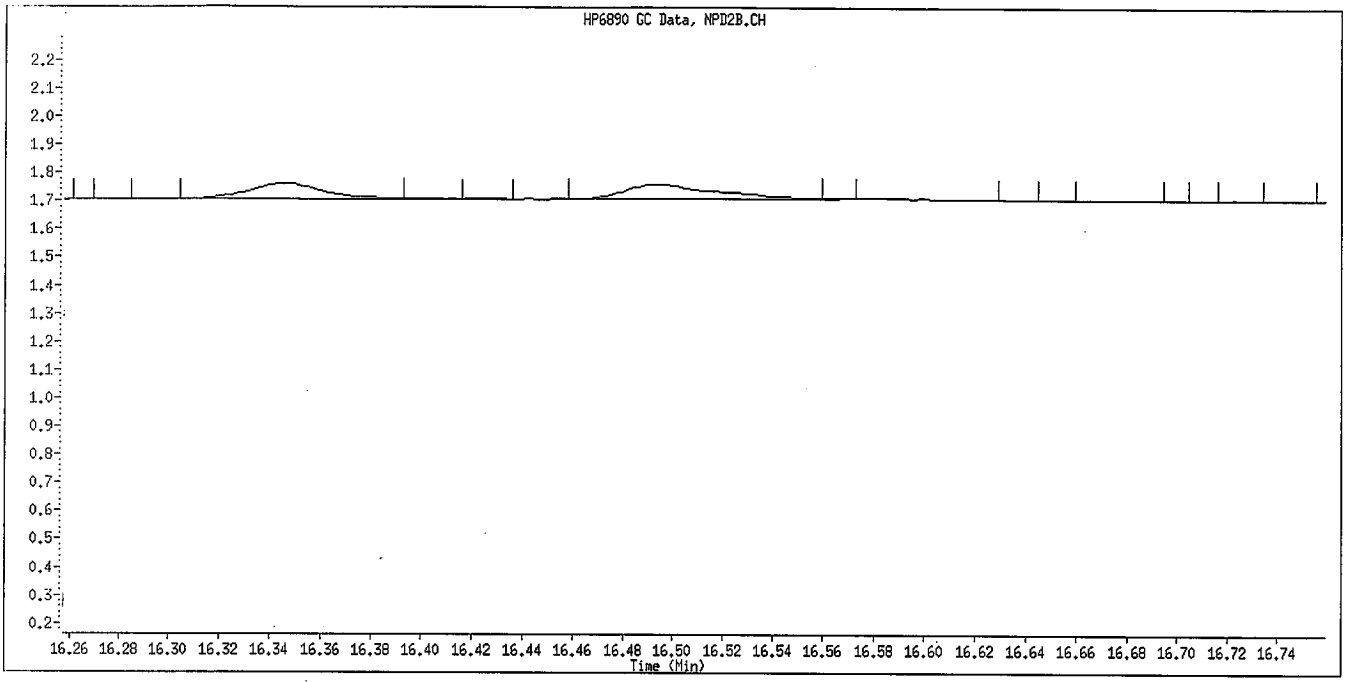


Manual Integration

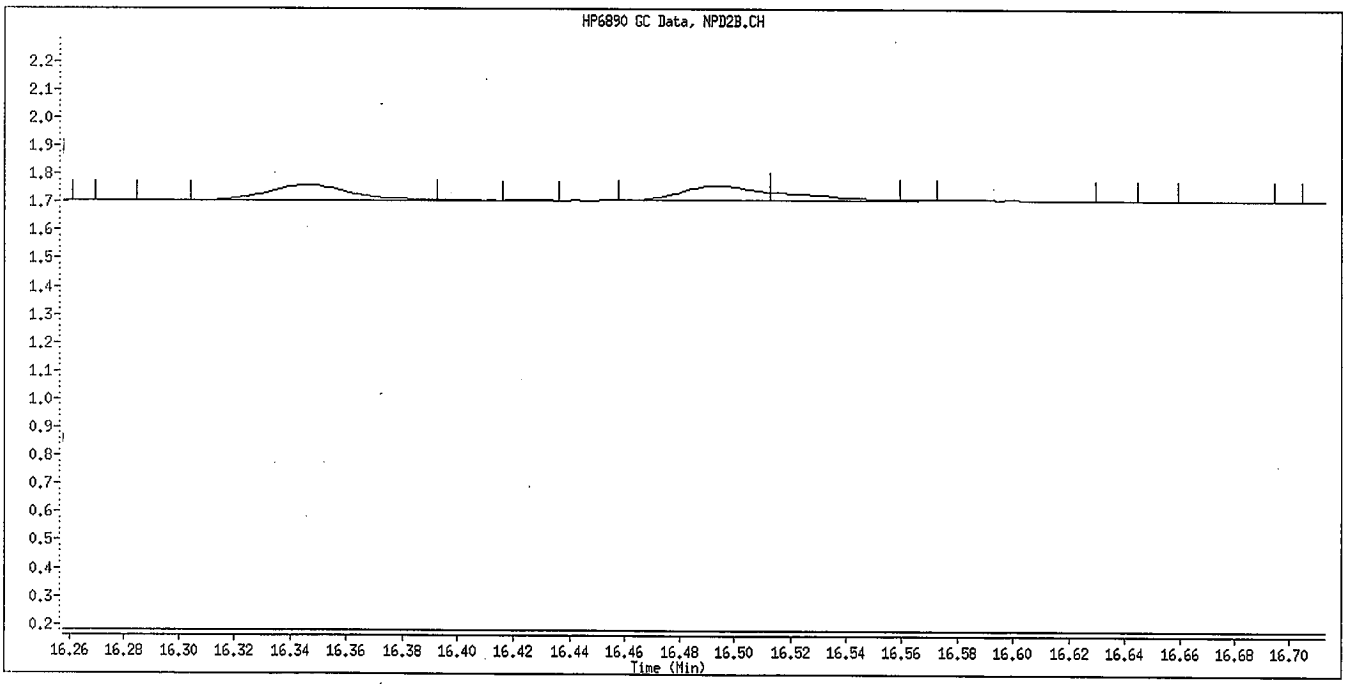
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 009F0901.D
Inj. Date and Time: 26-JUN-2009 21:13
Instrument ID: GC_D2.i
Client ID: OPP L1 GSV0641
Compound Name: Parathion
CAS #:
Report Date: 06/30/2009



Original Integration

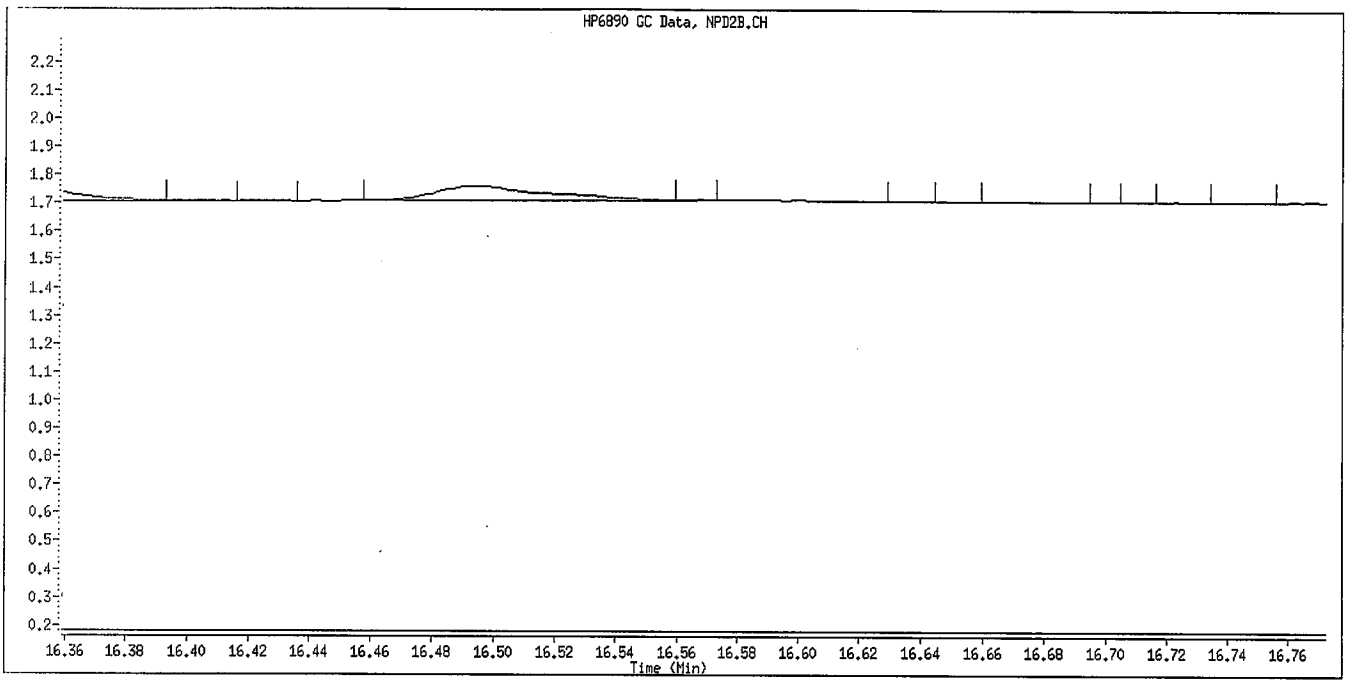


Manual Integration

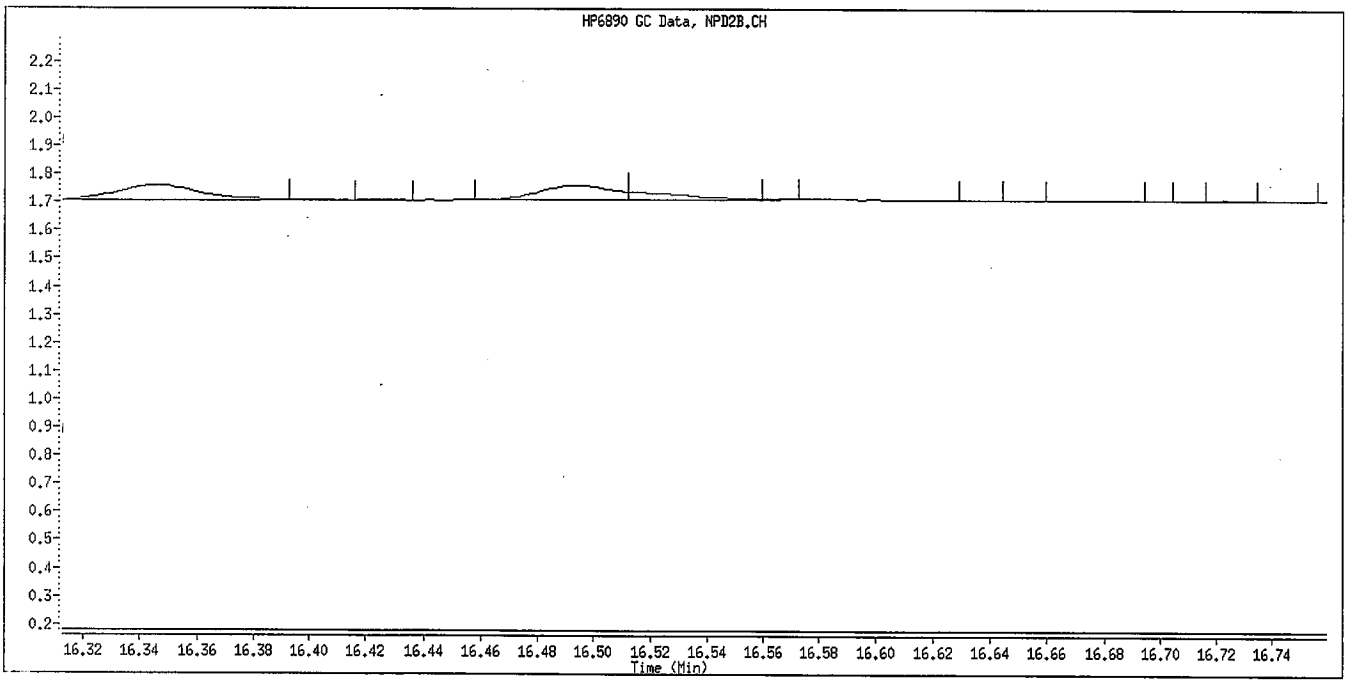
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 009F0901.D
Inj. Date and Time: 26-JUN-2009 21:13
Instrument ID: GC_D2.i
Client ID: OPP L1 GSV0641
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

JG 6/30/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\010F1001.D
Lab Smp Id: OPP SS GSV0633 Client Smp ID: OPP SS GSV0633
Inj Date : 26-JUN-2009 21:40
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP SS GSV0633
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Meth Date : 30-Jun-2009 13:09 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 10 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
1	o,o,o-TEPT	4.728	4.731	(0.251)	178670	2.00000	2.007
2	Dichlorvos	6.545	6.546	(0.348)	123097	2.00000	1.771
$ 3	Chlormefos	7.383	7.384	(0.392)	118669	2.00000	1.696
4	Mevinphos	9.232	9.234	(0.491)	85996	2.00000	1.836
5	Demeton-O	9.733	9.734	(0.517)	91352	0.65000	2.047
6	Thionazin	9.983	9.984	(0.531)	131360	2.00000	1.876
7	Ethoprop	10.498	10.499	(0.558)	99220	2.00000	1.896
8	Phorate	10.537	10.539	(0.560)	118380	2.00000	1.951
9	Naled	10.938	10.939	(0.581)	13173	2.00000	1.049
10	Sulfotepp	11.017	11.017	(0.586)	156890	2.00000	1.714(A)
* 11	Tributylphosphate	11.115	11.116	(1.000)	123933	2.00000	
12	Simazine	11.398	11.399	(0.606)	47205	2.00000	3.601(A)
13	Diazinon	11.540	11.541	(0.613)	101968	2.00000	2.080
14	Atrazine	11.580	11.584	(0.615)	49851	2.00000	1.969(A)
15	Propazine	11.745	11.747	(0.624)	42529	2.00000	1.874
16	Disulfoton	12.048	12.049	(0.640)	81906	2.00000	1.697(M)
17	Demeton-S	12.120	12.124	(0.644)	4990	1.36000	0.2011(M)
18	Dimethoate	13.280	13.282	(0.706)	120970	2.00000	1.870
19	Ronnel	13.587	13.587	(0.722)	87569	2.00000	2.011
20	Merphos-A (Merphos)	13.687	13.689	(1.231)	24019	2.00000	0.5348(A)
21	Chlorpyrifos	14.410	14.409	(0.766)	93110	2.00000	2.108
22	Fenthion	14.660	14.662	(0.779)	84515	2.00000	2.063
23	Trichloronate	14.708	14.711	(0.782)	105095	2.00000	1.862
24	Anilazine	15.215	15.216	(0.809)	4699	2.00000	1.242(M)
25	Methyl Parathion	15.517	15.519	(0.825)	89448	2.00000	2.023(A)
26	Malathion	15.723	15.724	(0.836)	63638	2.00000	1.536
27	Tokuthion	16.345	16.344	(0.869)	91793	2.00000	1.892
28	Parathion	16.493	16.494	(0.877)	92973	2.00000	2.134
29	Merphos-B (Merphos Oxone)	16.518	16.517	(1.486)	68602	2.00000	5.008(A)
30	Tetrachlorvinphos (stirophos)	16.975	16.977	(0.902)	58667	2.00000	2.081
31	Carbophenothion methyl	17.080	17.082	(0.908)	50362	2.00000	1.246
32	Bolstar	17.440	17.440	(0.927)	88423	2.00000	2.078
33	Carbophenothion	17.522	17.524	(0.931)	73217	2.00000	1.750(A)

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	34 Triphenyl phosphate	18.278	18.281	(0.971)	59320	2.00000	1.727
	35 Fensulfothion	18.558	18.559	(0.986)	65657	2.00000	2.082
*	36 TOCP	18.815	18.816	(1.000)	68831	2.00000	
	37 Phosmet / EPN	18.908	18.909	(1.005)	122970	4.00000	3.469
	38 Famphur	19.010	19.011	(1.010)	79361	2.00000	1.758
	39 Azinphos-methyl	19.145	19.147	(1.018)	74782	2.00000	1.811
	40 Azinphos-ethyl	19.363	19.366	(1.029)	70726	2.00000	1.798
	41 Coumaphos	20.347	20.347	(1.081)	59237	2.00000	1.959
S	42 Merphos				92621	2.00000	1.615
M	43 Total Demeton				96342	2.00000	2.248

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

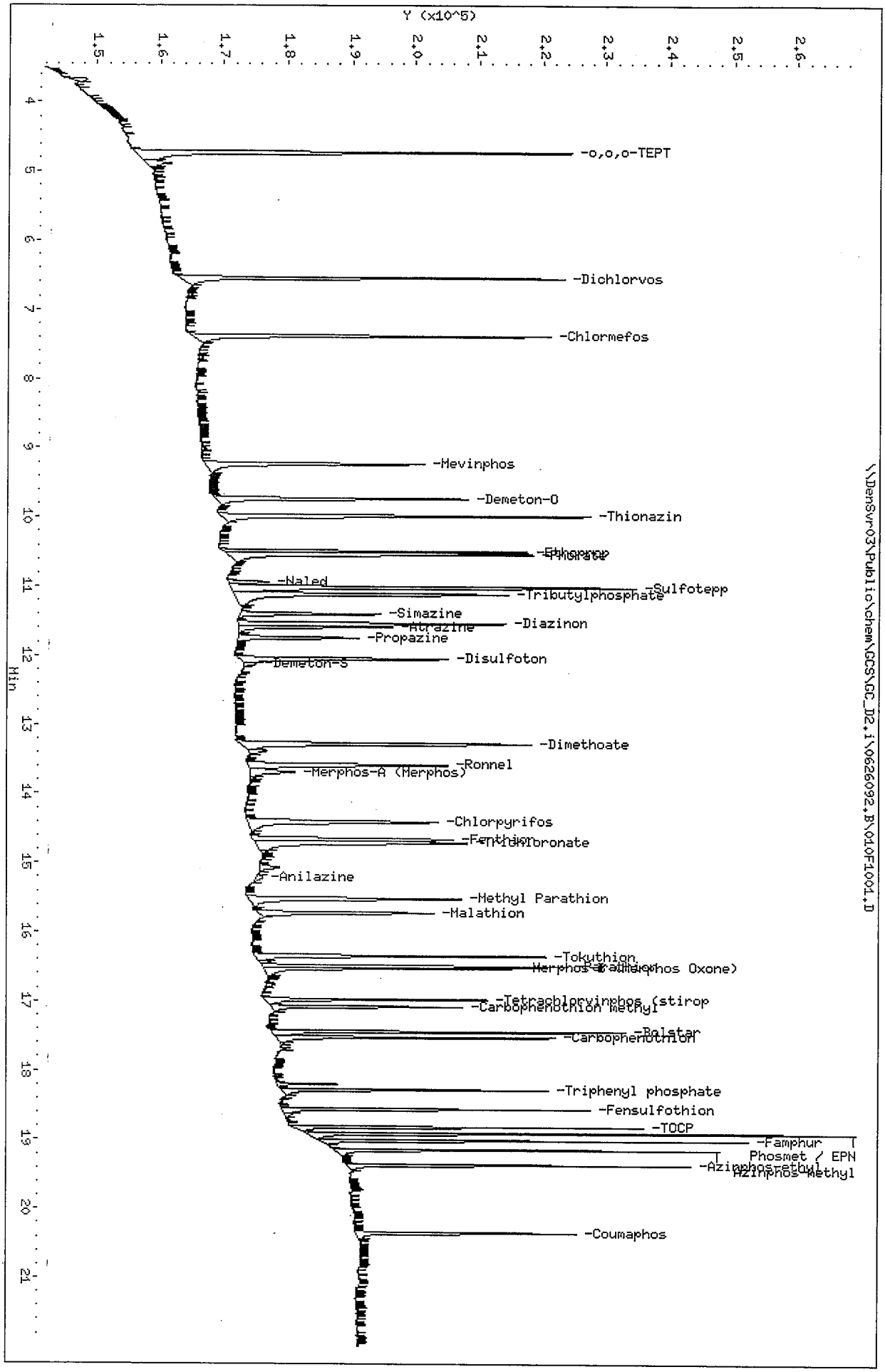
Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Lab Smp Id: OPP SS GSV0633
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Misc Info:

Calibration Date: 27-JUN-2009
Calibration Time: 04:04
Client Smp ID: OPP SS GSV0633
Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
11 Tributylphosphate	143401	71701	286802	123933	-13.58
36 TOCP	69335	34668	138670	68831	-0.73

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.12	-0.05
36 TOCP	18.82	18.32	19.32	18.82	-0.01

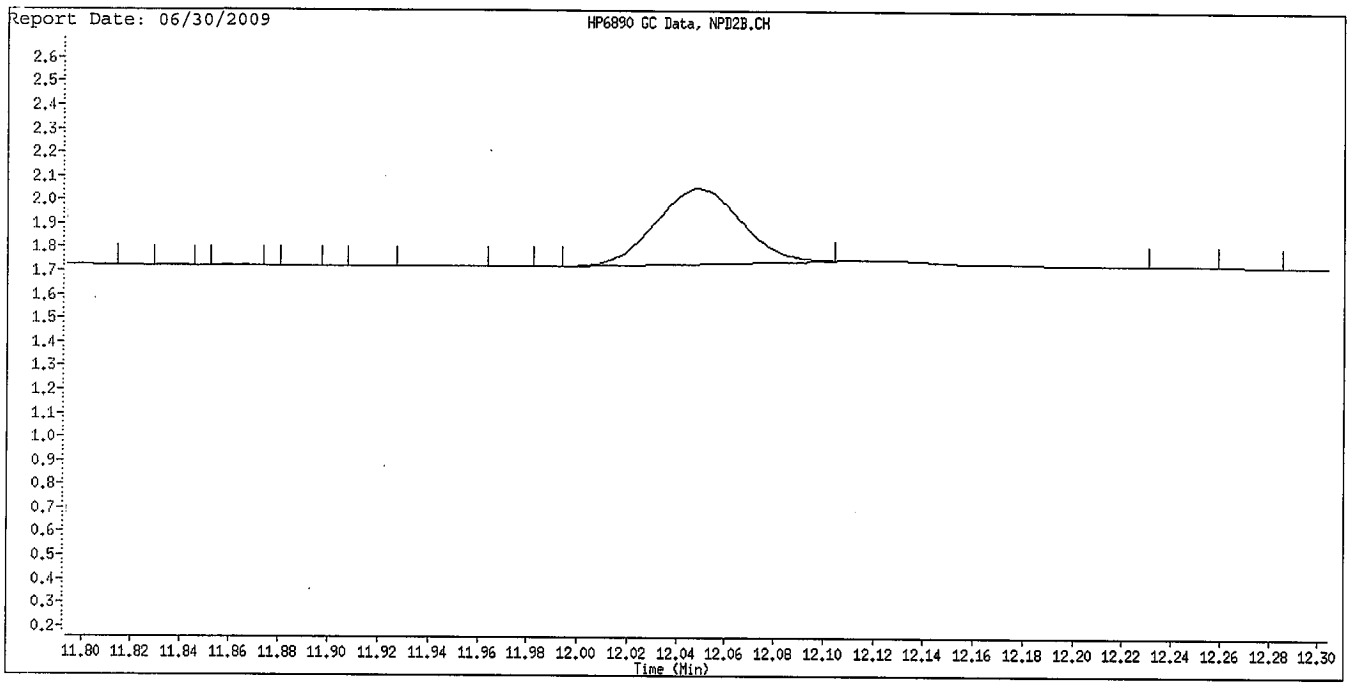
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



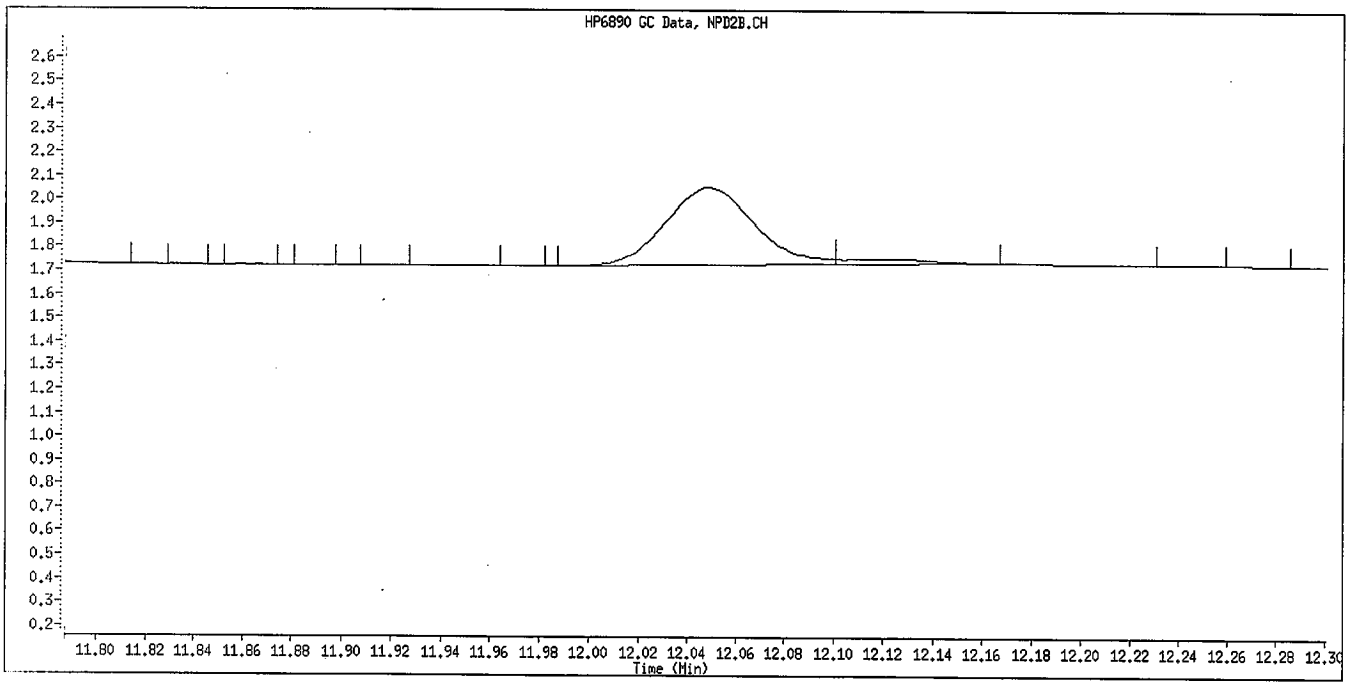
Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\010F1001.D
Date : 26-JUN-2009 21:40
Client ID: OPP SS GSV0633
Sample Info: OPP SS GSV0633
Column phase: RTx-OPPest

Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

Data File Name: 010F1001.D
Inj. Date and Time: 26-JUN-2009 21:40
Instrument ID: GC_D2.i
Client ID: OPP SS GSV0633
Compound Name: Disulfoton
CAS #: 298-04-4
Report Date: 06/30/2009



Original Integration

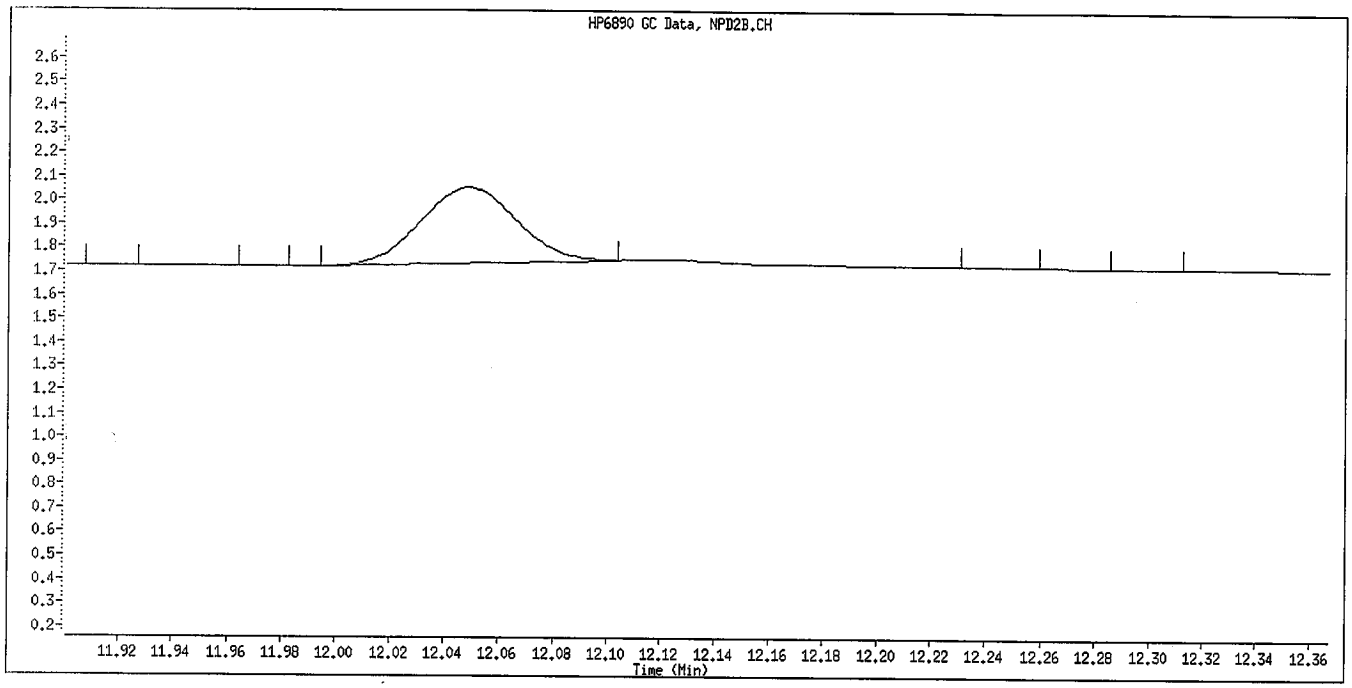


Manual Integration

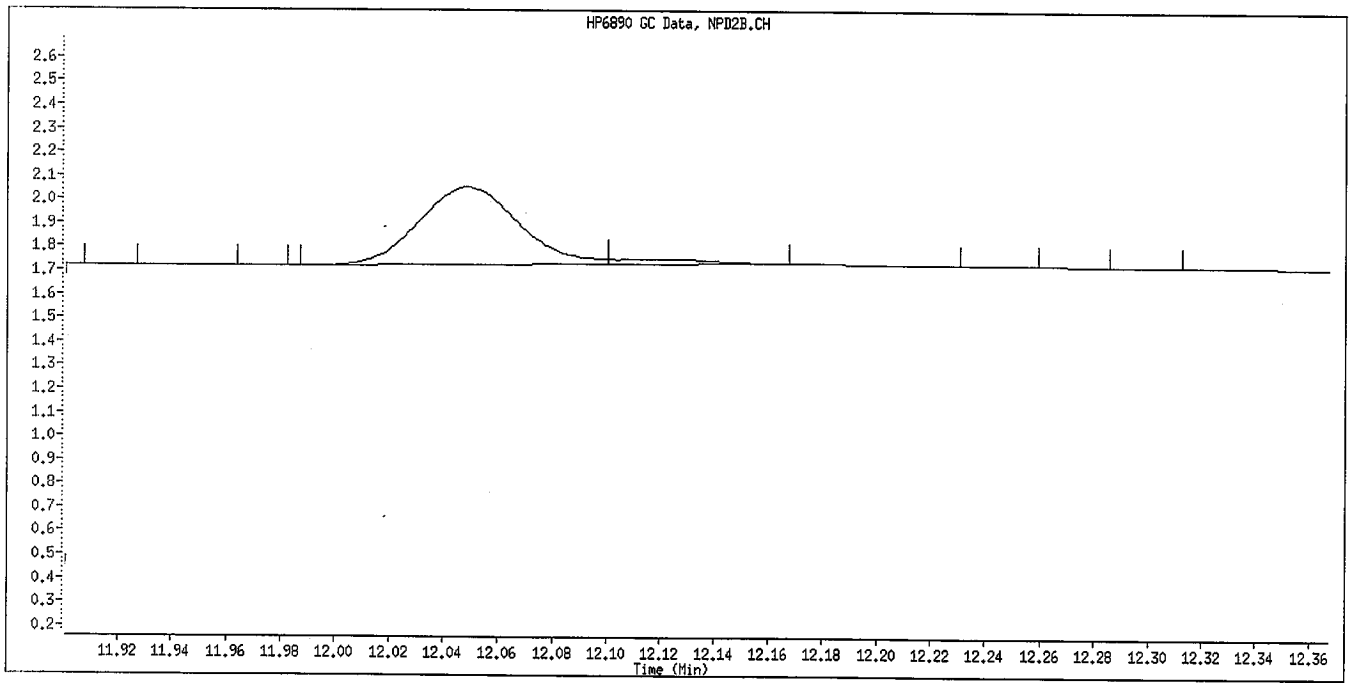
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/07

Data File Name: 010F1001.D
Inj. Date and Time: 26-JUN-2009 21:40
Instrument ID: GC_D2.i
Client ID: OPP SS GSV0633
Compound Name: Demeton-S
CAS #: 126-75-0
Report Date: 06/30/2009



Original Integration

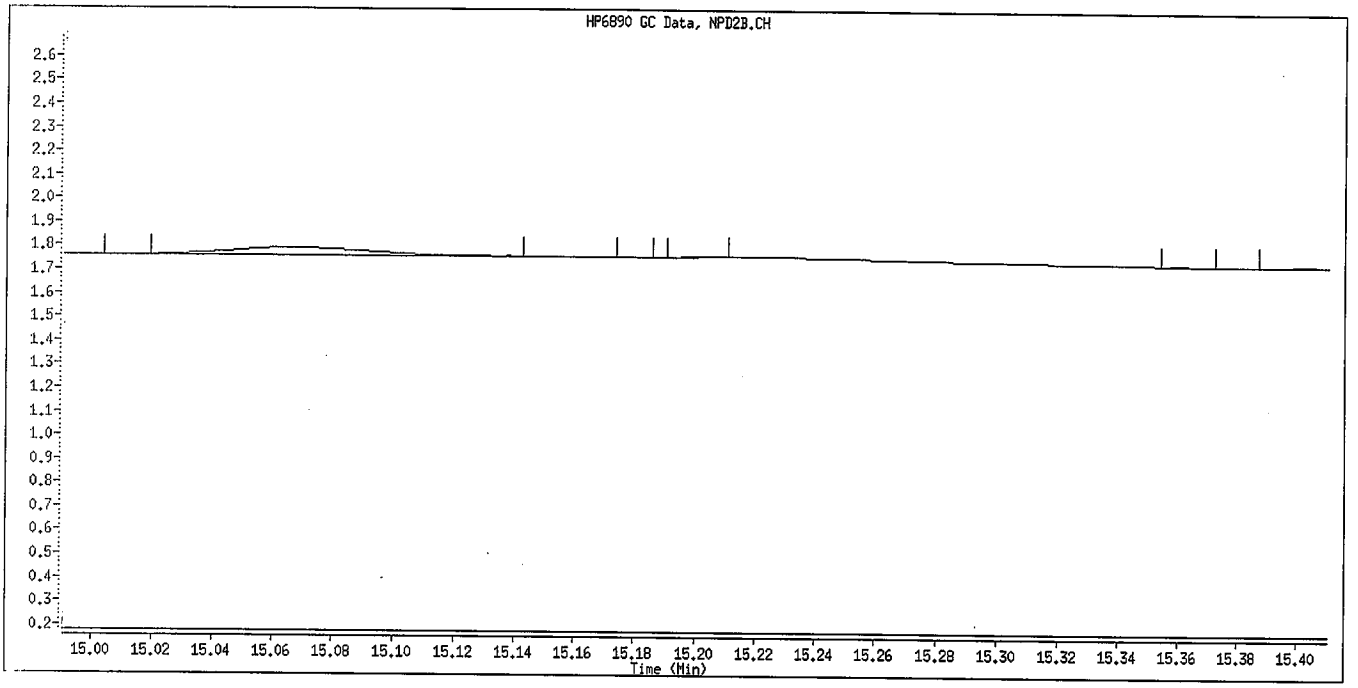


Manual Integration

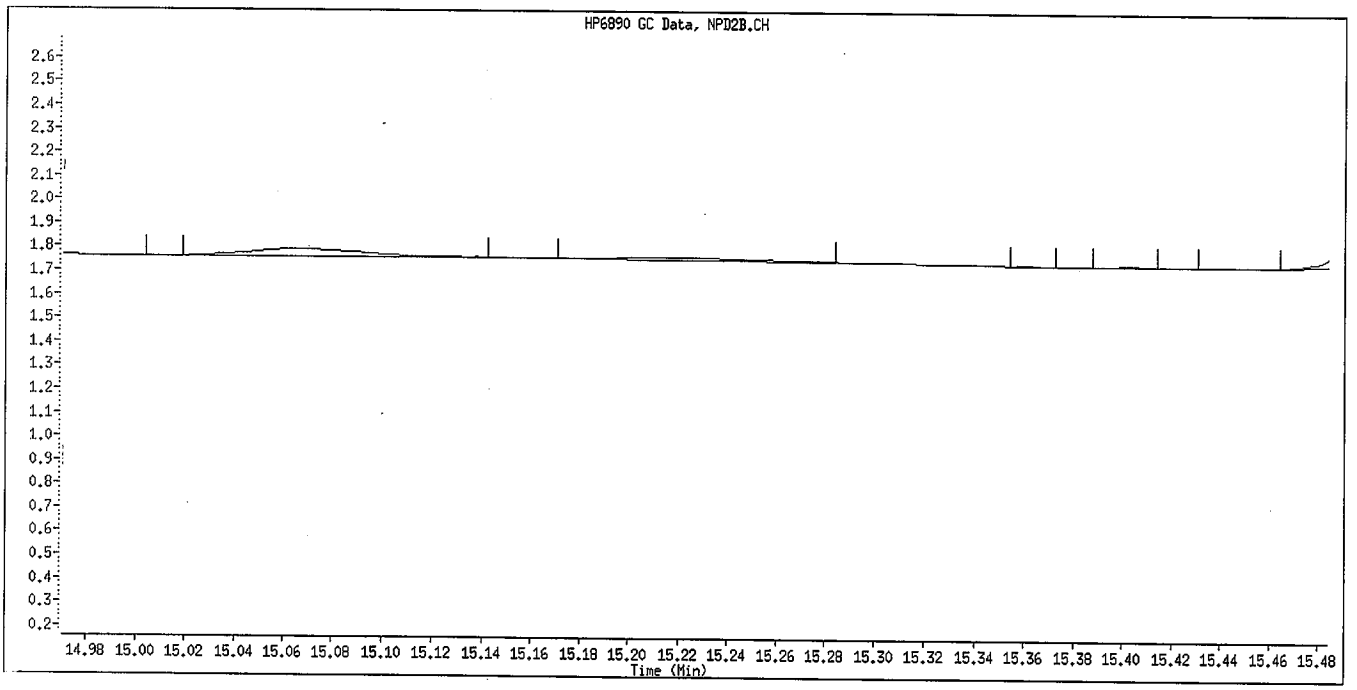
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 010F1001.D
Inj. Date and Time: 26-JUN-2009 21:40
Instrument ID: GC_D2.i
Client ID: OPP SS GSV0633
Compound Name: Anilazine
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Semivolatile GC

Supporting Documentation

Sample Sequence, Chromatograms

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Lot ID: D9F270150

Client: Northgate

Method: 8141

Associated Samples: 1

Batch #(s): 9180507

I certify that, to the best of my knowledge, the attached package represents a complete and accurate copy of the original data.

Signature/Date: Lynnea Garrett 7/10/09

GC SEMIVOLATILE ORGANIC EXTRACTION LOG SHEETS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

RQC058

TestAmerica Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 7/01/09
Time: 15:43:16

LEV 1	LEV 2		LEV 1	LEV 2	
Y	Y	Blank	Y	Y	Weights/Volumes
Y	Y	Check	Y	Y	Spike & Surrogate Worksheet
–	–	MS/MSD	Y	Y	Vial contains correct volume
			Y	Y	Labels, greenbars, worksheets
					computer batch: correct & all match
			Y	Y	Anomalies to Extraction Method

– Expanded Deliverable
– COC Completed
– Bench Sheet Copied
– Package Submitted to AnalyticalGroup
– Bench Sheet Copied per COC

Extractionist: 004599 Craig Cullen

Concentrationist: 007375 Kimberly M. Fleischli
002074 Cheyana Cokley

Reviewer/Date: FLEISCHK / 7/01/09

****
* *
* **QC BATCH: 9180507** *
* *
****

PREP DATE: 6/29/09 16:00
COMP DATE: 7/01/09 13:50

Compounds, Organophosphorus (8141A)
LIQ/LIQ, SEP FUNNEL (PAH,P/P,TPH,Dioxin) - Nominal

EXTR EXPR	ANL DUE	LOT#,MSRUN#/ WORK ORDER	TEST FLGS	EXT	MTH	MATRIX	INIT/FIN WT/VOL	INIT	PH"S ADJ1	ADJ2	SOLVENTS EXTRACTION	VOL	EXCHANGE	VOL	SPIKE STANDARD/ SURROGATE ID
7/03/09	7/09/09	D9F270150-001 **LFQ0D-1-AA**	DR	09	P2	WATER	**1054mL** 2.00mL	7.0	NA	NA	MECL2	180.0	HEXANE	50.0	1ML GSV0675 060409
COMMENTS:															
7/03/09	0/00/00	D9F290000-507 **LFTN3-1-AAB**		09	P2	WATER	**1000mL** 2.00mL	7.0	NA	NA	MECL2	180.0	HEXANE	50.0	1ML GSV0675 060409
COMMENTS:															
7/03/09	0/00/00	D9F290000-507 **LFTN3-1-ACC**		09	P2	WATER	**1000mL** 2.00mL	7.0	NA	NA	MECL2	180.0	HEXANE	50.0	1ML GSV0682 060409 1ML GSV0675 060409
COMMENTS:															
7/03/09	0/00/00	D9F290000-507 **LFTN3-1-ADL**	R	09	P2	WATER	**1000mL** 2.00mL	7.0	NA	NA	MECL2	180.0	HEXANE	50.0	1ML GSV0682 060409 1ML GSV0675 060409
COMMENTS:															

DV-OP-0006/7 BAL:M27995 NA2SO4:G45627 ELGA+NACL:G47616 MECL2:H22J00
S/S:CRC-F W:DB BLK/LCS/D:9180506 TURBOVAP A:40C PIP:CON-6 HEX:H11E04

R = RUSH C = CLP
E = EPA 600 D = EXP.DEL)
M = CLIENT REQ MS/MSD

NUMBER OF WORK ORDERS IN BATCH: 4

GC SEMIVOLATILE INSTRUMENT LOG SHEETS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Sequence Table (Front Injector):

Quantification Part:

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
1	Vial 1	PRIMER				
2	Vial 2	HEXANE				
3	Vial 3	OPP L5 GSV0635				
4	Vial 4	LFWQ11AA,MB				
5	Vial 5	LFWQ11AC,LCS				
6	Vial 6	LERCV2AA,370-1				
7	Vial 7	LFX7D1AA,264-1				
8	Vial 8	LFX7D1AC,264-1S				
9	Vial 9	LFX7D1AD,264-1D				
10	Vial 10	LFTN31AA,MB				
11	Vial 11	LFTN31AC,LCS				
12	Vial 12	LFTN31AD,LCSD				
13	Vial 13	LFQ0D1AA,150-1				
14	Vial 14	LFTN21AA,MB				
15	Vial 15	LFTN21AC,LCS				
16	Vial 16	LFTN21AD,LCSD				
17	Vial 17	LFPTE1AA,258-4				
18	Vial 18	LFPTK1AA,258-7				
19	Vial 19	OPP L5 GSV0635				
20	Vial 20	LFHPJ1AA,MB				
21	Vial 21	LFHPJ1AC,LCS				
22	Vial 22	LFC4G1AA,197-1				
23	Vial 23	LFC4G1AD,197-1S				
24	Vial 24	LFC4G1AE,197-1D				
25	Vial 25	LFC4M1AA,198-1				
26	Vial 26	OPP L5 GSV0635				
27	Vial 27	OPP L1 GSV0641				
28	Vial 100	HEXANE/ACETONE				

9181503

9180507

9180506

9175172

10 3 2 JRW 2/2/09

Sequence Table (Back Injector):

No entries - empty table!

GC SEMIVOLATILE
CONTINUING CALIBRATION DATA

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702092.B/003F0301.D
Report Date: 07/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 003F0301.D
Analysis Type: NONE

Injection Date: 02-JUL-2009 18:33
Lab Sample ID: OPP L5 GSV0635
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	3.0000	3.1402	4.7	15.0	
2	Dichlorvos	3.0000	2.5386	15.4	15.0	<-
3	Chlormefos	3.0000	3.5024	16.7	15.0	<-
4	Mevinphos	3.0000	2.9076	3.1	15.0	
5	Demeton-O	0.9750	1.0128	3.9	15.0	
6	Thionazin	3.0000	3.2099	7.0	15.0	
7	Ethoprop	3.0000	2.7537	8.2	15.0	
8	Phorate	3.0000	3.6350	21.2	15.0	<-
10	Naled	3.0000	3.7566	25.2	15.0	<-
146	Sulfotepp	3.0000	3.2432	8.1	15.0	
10	Simazine	3.0000	2.7089	9.7	15.0	
12	Diazinon	3.0000	3.1478	4.9	15.0	
150	Atrazine	3.0000	3.4354	14.5	15.0	
13	Propazine	3.0000	3.3374	11.2	15.0	
14	Disulfoton	3.0000	3.2825	9.4	15.0	
15	Demeton-S	2.0400	2.2323	9.4	15.0	
16	Dimethoate	3.0000	3.0163	0.5	15.0	
17	Ronnel	3.0000	3.2794	9.3	15.0	
148	Merphos-A (Merphos)	3.0000	3.1224	4.1	999.0	
18	Chlorpyrifos	3.0000	3.3164	10.5	15.0	
19	Fenthion	3.0000	3.0207	0.7	15.0	
20	Trichloronate	3.0000	3.2492	8.3	15.0	
21	Anilazine	3.0000	0.1451	95.2	15.0	<-
23	Methyl Parathion	3.0000	3.2077	6.9	15.0	
24	Malathion	3.0000	3.1851	6.2	15.0	
25	Tokuthion	3.0000	3.2134	7.1	15.0	
26	Parathion	3.0000	3.4142	13.8	15.0	
149	Merphos-B (Merphos Oxone)	3.0000	2.8181	6.1	999.0	
27	Tetrachlorvinphos (stirophos)	3.0000	2.9979	0.1	15.0	
28	Carbophenothion methyl	3.0000	3.2160	7.2	15.0	
28	Bolstar	3.0000	3.2942	9.8	15.0	
30	Carbophenothion	3.0000	3.6951	23.2	15.0	<-
29	Triphenyl phosphate	3.0000	3.1479	4.9	15.0	
30	Fensulfothion	3.0000	2.4620	17.9	15.0	<-
35	Phosmet / EPN	6.0000	6.4523	7.5	15.0	
33	Famphur	3.0000	3.1573	5.2	15.0	
34	Azinphos-methyl	3.0000	2.6085	13.0	15.0	
35	Azinphos-ethyl	3.0000	2.9920	0.3	15.0	
36	Coumaphos	3.0000	2.8528	4.9	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702092.B/003F0301.D
Report Date: 07/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 003F0301.D
Analysis Type: NONE

Injection Date: 02-JUL-2009 18:33
Lab Sample ID: OPP L5 GSV0635
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
22 Merphos	3.0000	3.5244	17.5	15.0	<-
40 Total Demeton	3.0000	3.2452	8.2	15.0	

Average %D = 11.2

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0702092.B\003F0301.D
Lab Smp Id: OPP L5 GSV0635 Client Smp ID: OPP L5 GSV0635
Inj Date : 02-JUL-2009 18:33
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L5 GSV0635
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0702092.B\8141A-2.m
Meth Date : 07-Jul-2009 18:51 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
1	o,o,o-TEPT	4.725	4.731	(0.251)	228697	3.00000	3.140
2	Dichlorvos	6.543	6.546	(0.348)	144362	3.00000	2.538
$ 3	Chlormefos	7.380	7.384	(0.392)	200503	3.00000	3.502
4	Mevinphos	9.237	9.234	(0.491)	111383	3.00000	2.908
5	Demeton-O	9.732	9.734	(0.517)	36971	0.97500	1.013
6	Thionazin	9.983	9.984	(0.531)	183883	3.00000	3.210
7	Ethoprop	10.502	10.499	(0.558)	117871	3.00000	2.754
8	Phorate	10.533	10.539	(0.560)	180434	3.00000	3.635
9	Naled	10.940	10.939	(0.581)	48194	3.00000	3.757
10	Sulfotepp	11.015	11.017	(0.585)	242803	3.00000	3.243(A)
* 11	Tributylphosphate	11.127	11.116	(1.000)	114231	2.00000	
12	Simazine	11.408	11.399	(0.606)	29046	3.00000	2.709(A)
13	Diazinon	11.538	11.541	(0.613)	126823	3.00000	3.148
14	Atrazine	11.587	11.584	(0.616)	75201	3.00000	3.435(A)
15	Propazine	11.747	11.747	(0.624)	62822	3.00000	3.337
16	Disulfoton	12.047	12.049	(0.640)	129597	3.00000	3.282
17	Demeton-S	12.127	12.124	(0.645)	105190	2.04000	2.232
18	Dimethoate	13.303	13.282	(0.707)	159606	3.00000	3.016
19	Ronnel	13.585	13.587	(0.722)	116804	3.00000	3.279
20	Merphos-A (Merphos)	13.687	13.689	(1.230)	129244	3.00000	3.122(A)
21	Chlorpyrifos	14.407	14.409	(0.766)	119807	3.00000	3.316
22	Fenthion	14.660	14.662	(0.779)	101214	3.00000	3.021
23	Trichloronate	14.705	14.711	(0.782)	153887	3.00000	3.249
24	Anilazine	15.218	15.216	(0.809)	452	3.00000	0.1451
25	Methyl Parathion	15.517	15.519	(0.825)	116032	3.00000	3.208(A)
26	Malathion	15.723	15.724	(0.836)	107934	3.00000	3.185
27	Tokuthion	16.343	16.344	(0.869)	127498	3.00000	3.213
28	Parathion	16.490	16.494	(0.876)	121697	3.00000	3.414(M)
29	Merphos-B (Merphos Oxone)	16.517	16.517	(1.484)	36141	3.00000	2.818(AM)
30	Tetrachlorvinphos (stirophos)	16.977	16.977	(0.902)	69125	3.00000	2.998
31	Carbophenothion methyl	17.082	17.082	(0.908)	106286	3.00000	3.216
32	Bolstar	17.440	17.440	(0.927)	114681	3.00000	3.294
33	Carbophenothion	17.522	17.524	(0.931)	126491	3.00000	3.695(A)

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
S	34 Triphenyl phosphate	18.280	18.281	(0.972)	88428	3.00000	3.148
	35 Fensulfothion	18.565	18.559	(0.987)	63500	3.00000	2.462
*	36 TOCP	18.815	18.816	(1.000)	56306	2.00000	
	37 Phosmet / EPN	18.908	18.909	(1.005)	185004	6.00000	6.452(A)
	38 Famphur	19.010	19.011	(1.010)	116599	3.00000	3.157
	39 Azinphos-methyl	19.147	19.147	(1.018)	88125	3.00000	2.608
	40 Azinphos-ethyl	19.367	19.366	(1.029)	96267	3.00000	2.992
	41 Coumaphos	20.350	20.347	(1.082)	70574	3.00000	2.853
S	42 Merphos				165385	3.00000	3.524(A)
M	43 Total Demeton				142161	3.00000	3.245

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

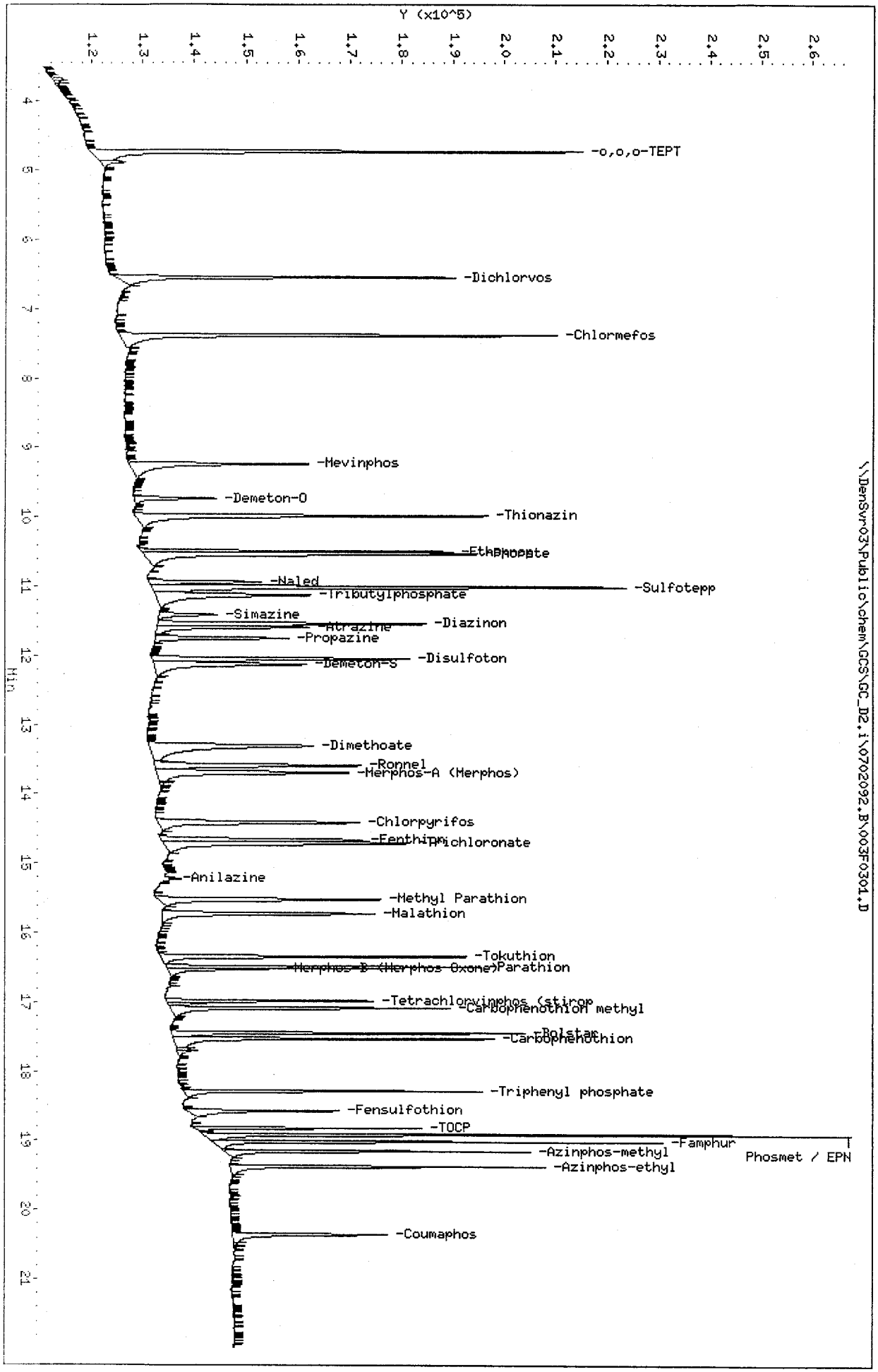
Instrument ID: GC_D2.i
Lab File ID: 003F0301.D
Lab Smp Id: OPP L5 GSV0635
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702092.B\8141A-2.m
Misc Info:

Calibration Date: 03-JUL-2009
Calibration Time: 05:01
Client Smp ID: OPP L5 GSV0635
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	147589	73795	295178	114231	-22.60
36 TOCP	73608	36804	147216	56306	-23.51

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.13	0.08
36 TOCP	18.82	18.32	19.32	18.82	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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1.2
1.3
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2.1
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-o,o,o-TEPT
-Dichlorvos
-Chlormefos
-Mevinphos
-Demeton-O
-Thionazin
-Ethoprophate
-Naled
-Sulfotepp
-Tributylphosphate
-Simazine
-Atrazine
-Diazinon
-Propazine
-Demeton-S
-Disulfoton
-Dimethoate
-Ronnel
-Merphos-A (Merphos)
-Chlorpyrifos
-Fenthion
-Dichloronate
-Anilazine
-Methyl Parathion
-Malathion
-Tokuthion
-Merphos-B (Merphos Oxone)
-Parathion
-Tetrachlorvinphos (stirop
-Carbophenothion methyl
-Bolstar
-Carbophenothion
-Triphenyl phosphate
-Fensulfothion
-TOCP
-Famphur
-Azinphos-methyl
-Azinphos-ethyl
Phosmet / EPN
-Coumaphos
\\DenSvr03\Public\chem\GCS\GC_D2.i\0702092.B\003F0301.D
Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702092.B\003F0301.D
Date : 02-JUL-2009 18:33
Client ID: OPP L5 GSV0635
Sample Info: OPP L5 GSV0635
Column phase: RTx-OPPest
Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32
Page 4

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702091.B/003F0301.D
Report Date: 07/06/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 003F0301.D
Analysis Type: NONE

Injection Date: 02-JUL-2009 18:33
Lab Sample ID: OPP L5 GSV0635
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	3.0000	3.0690	2.3	15.0	
2	Dichlorvos	3.0000	2.3679	21.1	15.0	<-
3	Mevinphos	3.0000	1.6221	45.9	15.0	<-
4	Chlormefos	3.0000	3.5104	17.0	15.0	<-
5	Thionazin	3.0000	3.0197	0.7	15.0	
6	Demeton-O	0.9750	1.0220	4.8	15.0	
7	Ethoprop	3.0000	2.8919	3.6	15.0	
8	Naled	3.0000	3.8664	28.9	15.0	<-
9	Sulfotepp	3.0000	3.1065	3.6	15.0	
10	Phorate	3.0000	3.1715	5.7	15.0	
11	Dimethoate	3.0000	1.5089	49.7	15.0	<-
12	Demeton-S	2.0400	2.3325	14.3	15.0	
13	Simazine	3.0000	3.3646	12.2	15.0	
14	Atrazine	3.0000	3.1895	6.3	15.0	
15	propazine	3.0000	3.2080	6.9	15.0	
17	Disulfoton	3.0000	3.0155	0.5	15.0	
16	Diazinon	3.0000	3.2451	8.2	15.0	
18	Methyl Parathion	3.0000	3.3131	10.4	15.0	
19	Ronnel	3.0000	2.8349	5.5	15.0	
20	Malathion	3.0000	3.1113	3.7	15.0	
21	Fenthion	3.0000	2.9795	0.7	15.0	
22	Parathion	3.0000	3.1145	3.8	15.0	
23	Chlorpyrifos	3.0000	3.3032	10.1	15.0	
24	Trichloronate	3.0000	3.2922	9.7	15.0	
25	Anilazine	3.0000	2.5672	14.4	15.0	
148	Merphos-A (Merphos)	3.0000	3.1842	6.1	999.0	
26	Tetrachlorvinphos (Stirophos)	3.0000	2.9493	1.7	15.0	
28	Tokuthion	3.0000	3.3239	10.8	15.0	
149	Merphos-B (Merphos Oxone)	3.0000	3.2508	8.4	999.0	
29	Carbophenothion-methyl	3.0000	2.9912	0.3	15.0	
29	Fensulfothion	3.0000	1.6804	44.0	15.0	<-
30	Bolstar / Famphur	6.0000	5.8518	2.5	15.0	
32	Carbophenothion	3.0000	3.0380	1.3	15.0	
31	Triphenyl phosphate	3.0000	2.9554	1.5	15.0	
34	Phosmet	3.0000	2.8590	4.7	15.0	
32	EPN	3.0000	3.6350	21.2	15.0	<-
33	Azinphos-methyl	3.0000	2.5900	13.7	15.0	
35	Azinphos-ethyl	3.0000	2.9745	0.8	15.0	
36	Coumaphos	3.0000	2.7141	9.5	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702091.B/003F0301.D
Report Date: 07/06/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 003F0301.D
Analysis Type: NONE

Injection Date: 02-JUL-2009 18:33
Lab Sample ID: OPP L5 GSV0635
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
27 Merphos	3.0000	3.2129	7.1	15.0
40 Total Demeton	3.0000	3.3545	11.8	15.0

Average %D = 10.6

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0702091.B\003F0301.D
Lab Smp Id: OPP L5 GSV0635 Client Smp ID: OPP L5 GSV0635
Inj Date : 02-JUL-2009 18:33
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L5 GSV0635
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0702091.B\8141A-1.m
Meth Date : 07-Jul-2009 19:05 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/mL)
	1 o,o,o-TEPT	3.255	3.254	(0.182)	267635	3.00000	3.069
	2 Dichlorvos	4.073	4.074	(0.228)	128224	3.00000	2.368
	3 Mevinphos	5.755	5.739	(0.323)	48252	3.00000	1.622
$	4 Chlormefos	5.833	5.836	(0.327)	238045	3.00000	3.510
	5 Thionazin	7.508	7.507	(0.421)	186875	3.00000	3.020
	6 Demeton-O	7.648	7.649	(0.429)	60257	0.97500	1.022
	7 Ethoprop	7.860	7.852	(0.440)	156830	3.00000	2.892
	8 Naled	8.061	8.057	(0.452)	53866	3.00000	3.866
*	9 Tributylphosphate	8.148	8.135	(1.000)	101049	2.00000	
	10 Sulfotepp	8.440	8.442	(0.473)	239502	3.00000	3.106
	11 Phorate	8.530	8.532	(0.478)	178123	3.00000	3.172
	12 Dimethoate	8.730	8.730	(0.489)	98446	3.00000	1.509(M)
	13 Demeton-S	8.853	8.846	(0.496)	110352	2.04000	2.332
	14 Simazine	8.933	8.924	(0.501)	74353	3.00000	3.364
	15 Atrazine	9.098	9.094	(0.510)	80689	3.00000	3.190
	16 propazine	9.241	9.241	(0.518)	74883	3.00000	3.208
	17 Disulfoton	9.870	9.869	(0.553)	114289	3.00000	3.016
	18 Diazinon	9.900	9.902	(0.555)	195779	3.00000	3.245
	19 Methyl Parathion	10.720	10.717	(0.601)	126762	3.00000	3.313
	20 Ronnel	11.240	11.241	(0.630)	112122	3.00000	2.835
	21 Malathion	11.808	11.804	(0.662)	111652	3.00000	3.111
	22 Fenthion	11.933	11.932	(0.669)	115885	3.00000	2.980
	23 Parathion	12.023	12.019	(0.674)	128918	3.00000	3.114
	24 Chlorpyrifos	12.068	12.067	(0.676)	165425	3.00000	3.303
	25 Trichloronate	12.495	12.496	(0.700)	147354	3.00000	3.292
	26 Anilazine	12.831	12.817	(0.719)	10077	3.00000	2.567
	27 Merphos-A (Merphos)	13.195	13.199	(0.739)	118909	3.00000	3.184
	28 Tetrachlorvinphos (Stirophos)	13.840	13.824	(0.776)	73198	3.00000	2.949
	29 Tokuthion	14.450	14.449	(0.810)	142616	3.00000	3.324
	30 Merphos-B (Merphos Oxone)	14.658	14.651	(0.821)	32621	3.00000	3.251
	31 Carbophenothion-methyl	15.240	15.239	(0.854)	98253	3.00000	2.991
	32 Fensulfothion	15.435	15.361	(0.865)	58280	3.00000	1.680(M)
	33 Bolstar / Famphur	16.056	16.053	(0.900)	240199	6.00000	5.852

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	16.196	16.197	(0.908)	125103	3.00000	3.038
$	35 Triphenyl phosphate	16.715	16.712	(0.937)	92486	3.00000	2.955(A)
	36 Phosmet	16.970	16.963	(0.951)	100772	3.00000	2.859
	37 EPN	17.151	17.151	(0.961)	123682	3.00000	3.635
	38 Azinphos-methyl	17.486	17.480	(0.980)	97276	3.00000	2.590
*	39 TOCP	17.845	17.846	(1.000)	61896	2.00000	
	40 Azinphos-ethyl	17.931	17.926	(1.005)	122143	3.00000	2.974
	41 Coumaphos	18.378	18.366	(1.030)	82220	3.00000	2.714
$	42 Merphos				151530	3.00000	3.213
M	43 Total Demeton				170609	3.00000	3.354

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

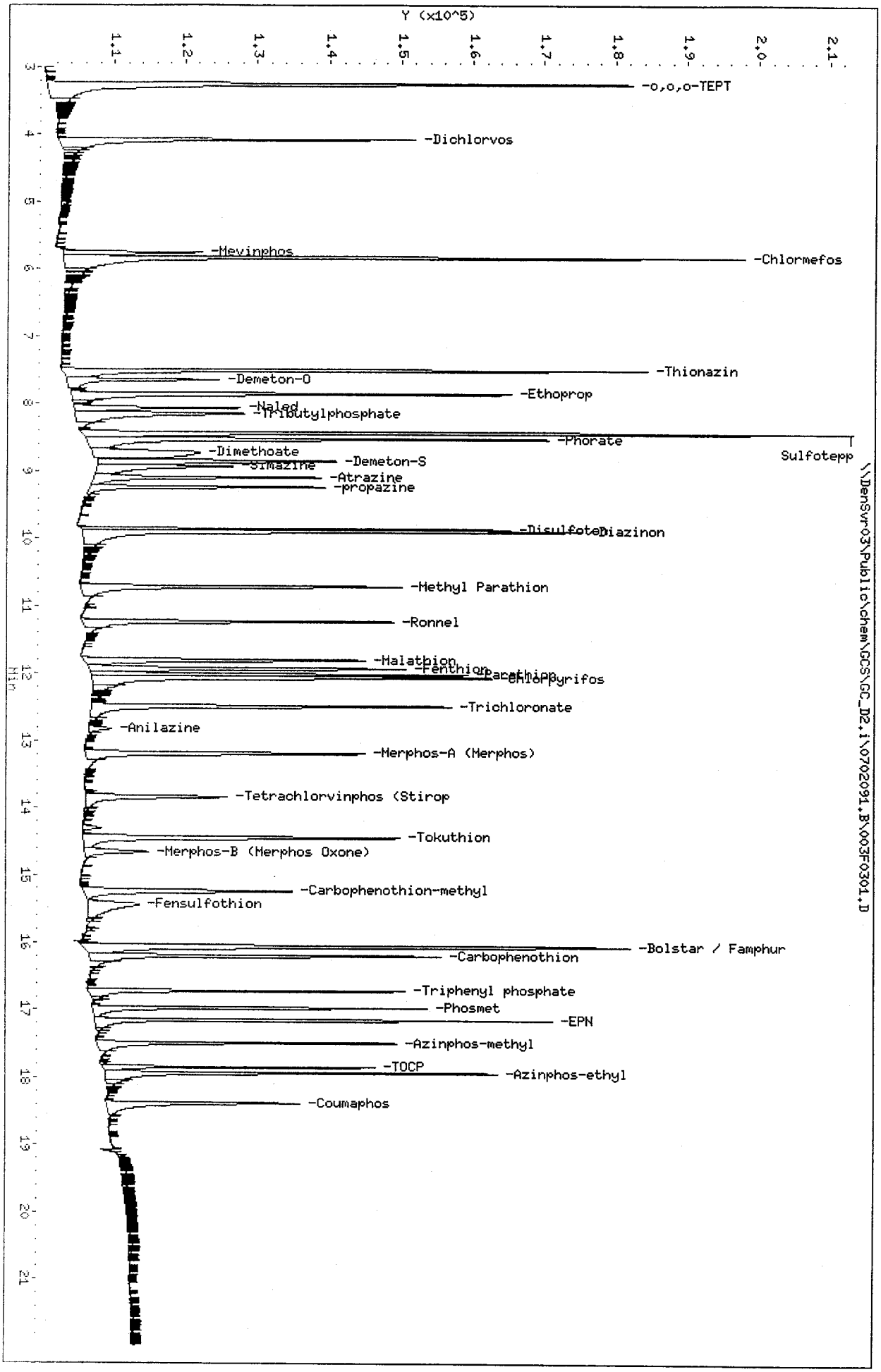
Instrument ID: GC_D2.i
Lab File ID: 003F0301.D
Lab Smp Id: OPP L5 GSV0635
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 03-JUL-2009
Calibration Time: 01:50
Client Smp ID: OPP L5 GSV0635
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	105519	52760	211038	101049	-4.24
39 TOCP	66646	33323	133292	61896	-7.13

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.16	7.66	8.66	8.15	-0.09
39 TOCP	17.85	17.35	18.35	17.85	-0.01

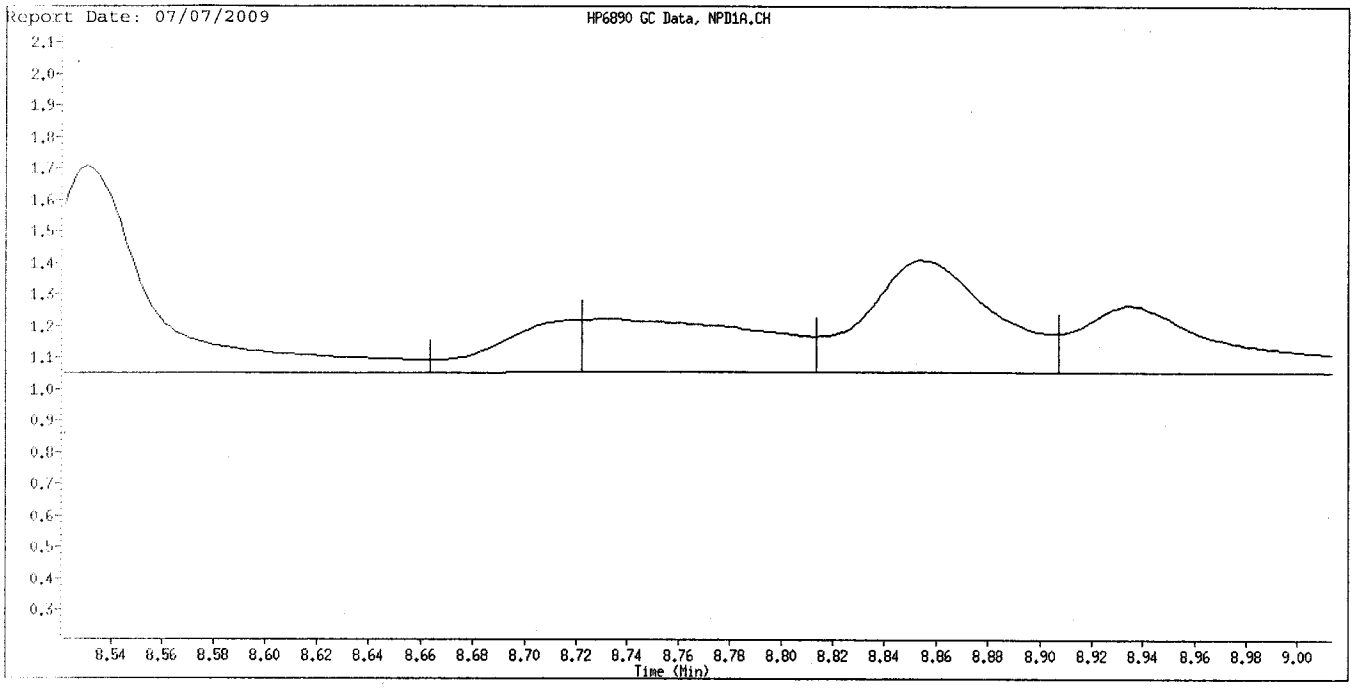
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



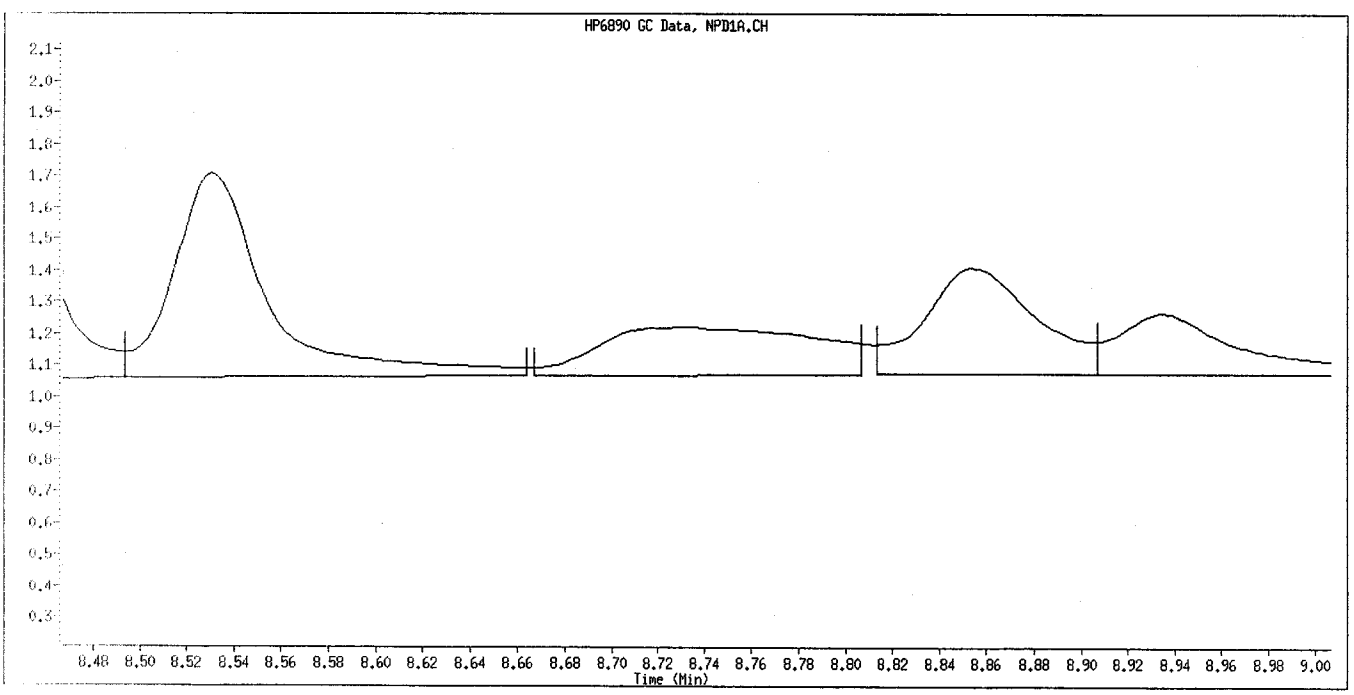
Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702091.B\003F0301.D
Date : 02-JUL-2009 18:33
Client ID: OPP L5 GSV0635
Sample Info: OPP L5 GSV0635
Column phase: RTx-1MS

Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

Data File Name: 003F0301.D
Inj. Date and Time: 02-JUL-2009 18:33
Instrument ID: GC_D2.i
Client ID: OPP L5 GSV0635
Compound Name: Dimethoate
CAS #:
Report Date: 07/07/2009



Original Integration

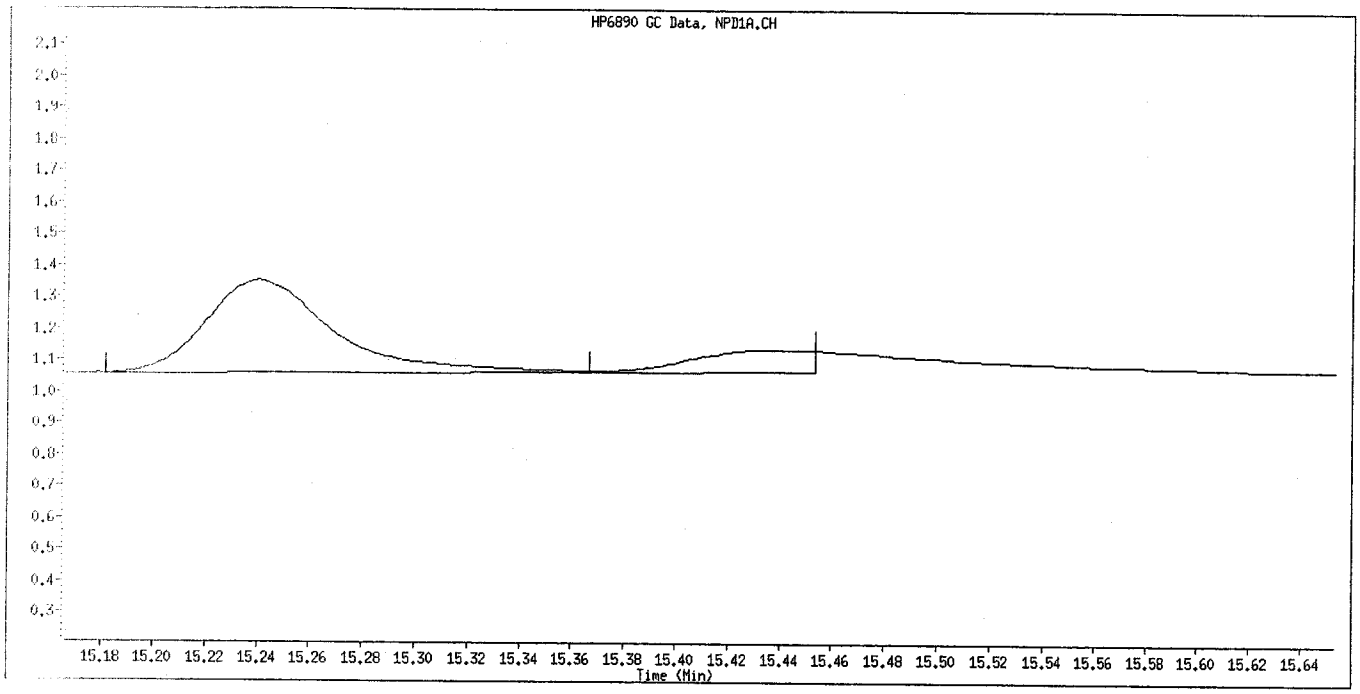


Manual Integration

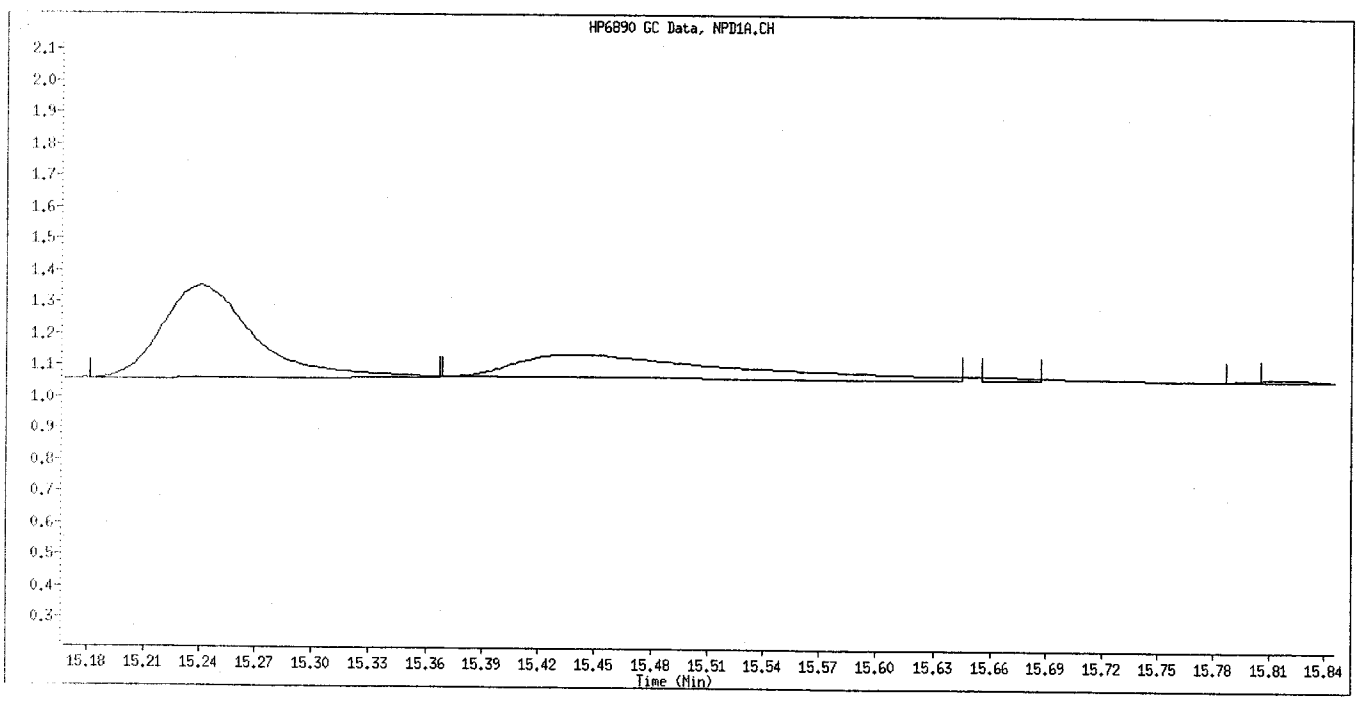
Manually Integrated By: williamst
Manual Integration Reason: Unknown

Baseline
7/8/09

Data File Name: 003F0301.D
Inj. Date and Time: 02-JUL-2009 18:33
Instrument ID: GC_D2.i
Client ID: OPP L5 GSV0635
Compound Name: Fensulfothion
CAS #:
Report Date: 07/07/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

7/8/09

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702092.B/019F1901.D
Report Date: 07/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 019F1901.D
Analysis Type: NONE

Injection Date: 03-JUL-2009 01:50
Lab Sample ID: OPP L5 GSV0635
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	3.0000	2.8767	4.1	15.0	
2	Dichlorvos	3.0000	2.5613	14.6	15.0	
3	Chlormefos	3.0000	3.2687	9.0	15.0	
4	Mevinphos	3.0000	2.3315	22.3	15.0	<-
5	Demeton-O	0.9750	0.9656	1.0	15.0	
6	Thionazin	3.0000	2.8068	6.4	15.0	
7	Ethoprop	3.0000	2.6250	12.5	15.0	
8	Phorate	3.0000	3.3383	11.3	15.0	
10	Naled	3.0000	3.5402	18.0	15.0	<-
146	Sulfotepp	3.0000	3.1135	3.8	15.0	
10	Simazine	3.0000	2.4738	17.5	15.0	<-
12	Diazinon	3.0000	2.9861	0.5	15.0	
150	Atrazine	3.0000	3.3002	10.0	15.0	
13	Propazine	3.0000	3.1158	3.9	15.0	
14	Disulfoton	3.0000	3.2319	7.7	15.0	
15	Demeton-S	2.0400	2.2051	8.1	15.0	
16	Dimethoate	3.0000	2.6769	10.8	15.0	
17	Ronnel	3.0000	3.2063	6.9	15.0	
148	Merphos-A (Merphos)	3.0000	3.7133	23.8	999.0	
18	Chlorpyrifos	3.0000	3.1895	6.3	15.0	
19	Fenthion	3.0000	2.7392	8.7	15.0	
20	Trichloronate	3.0000	3.0963	3.2	15.0	
21	Anilazine	3.0000	2.2852	23.8	15.0	<-
23	Methyl Parathion	3.0000	3.2525	8.4	15.0	
24	Malathion	3.0000	2.9367	2.1	15.0	
25	Tokuthion	3.0000	3.0407	1.4	15.0	
26	Parathion	3.0000	3.0922	3.1	15.0	
149	Merphos-B (Merphos Oxone)	3.0000	3.2391	8.0	999.0	
27	Tetrachlorvinphos (stirophos)	3.0000	2.7420	8.6	15.0	
28	Carbophenothion methyl	3.0000	2.8042	6.5	15.0	
28	Bolstar	3.0000	3.1235	4.1	15.0	
30	Carbophenothion	3.0000	3.3193	10.6	15.0	
29	Triphenyl phosphate	3.0000	3.2074	6.9	15.0	
30	Fensulfothion	3.0000	2.3134	22.9	15.0	<-
35	Phosmet / EPN	6.0000	5.8781	2.0	15.0	
33	Famphur	3.0000	2.9101	3.0	15.0	
34	Azinphos-methyl	3.0000	2.2226	25.9	15.0	<-
35	Azinphos-ethyl	3.0000	2.7450	8.5	15.0	
36	Coumaphos	3.0000	2.6318	12.3	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702092.B/019F1901.D
Report Date: 07/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 019F1901.D
Analysis Type: NONE

Injection Date: 03-JUL-2009 01:50
Lab Sample ID: OPP L5 GSV0635
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
22 Merphos	3.0000	3.8141	27.1	15.0	<-
40 Total Demeton	3.0000	3.1707	5.7	15.0	

Average %D = 9.79

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0702092.B\019F1901.D
Lab Smp Id: OPP L5 GSV0635 Client Smp ID: OPP L5 GSV0635
Inj Date : 03-JUL-2009 01:50
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L5 GSV0635
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0702092.B\8141A-2.m
Meth Date : 07-Jul-2009 20:12 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 19 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
1	o,o,o-TEPT	4.726	4.731	(0.251)	232250	3.00000	2.877
2	Dichlorvos	6.544	6.546	(0.348)	161466	3.00000	2.561
$ 3	Chlormefos	7.381	7.384	(0.392)	207434	3.00000	3.269
4	Mevinphos	9.239	9.234	(0.491)	99007	3.00000	2.331
5	Demeton-O	9.732	9.734	(0.517)	39073	0.97500	0.9656
6	Thionazin	9.984	9.984	(0.531)	178244	3.00000	2.807
7	Ethoprop	10.502	10.499	(0.558)	124560	3.00000	2.625
8	Phorate	10.534	10.539	(0.560)	183695	3.00000	3.338
9	Naled	10.939	10.939	(0.581)	50111	3.00000	3.540
10	Sulfotepp	11.014	11.017	(0.585)	258396	3.00000	3.114 (A)
* 11	Tributylphosphate	11.127	11.116	(1.000)	116195	2.00000	
12	Simazine	11.407	11.399	(0.606)	29405	3.00000	2.474 (AM)
13	Diazinon	11.539	11.541	(0.613)	133302	3.00000	2.986
14	Atrazine	11.586	11.584	(0.616)	79845	3.00000	3.300 (A)
15	Propazine	11.746	11.747	(0.624)	64936	3.00000	3.116
16	Disulfoton	12.047	12.049	(0.640)	141453	3.00000	3.232
17	Demeton-S	12.129	12.124	(0.645)	115106	2.04000	2.205
18	Dimethoate	13.306	13.282	(0.707)	157026	3.00000	2.677
19	Ronnel	13.586	13.587	(0.722)	126596	3.00000	3.206
20	Merphos-A (Merphos)	13.687	13.689	(1.230)	156348	3.00000	3.713 (A)
21	Chlorpyrifos	14.407	14.409	(0.766)	127730	3.00000	3.189
22	Fenthion	14.661	14.662	(0.779)	101743	3.00000	2.739
23	Trichloronate	14.706	14.711	(0.782)	162298	3.00000	3.096
24	Anilazine	15.219	15.216	(0.809)	7834	3.00000	2.285
25	Methyl Parathion	15.517	15.519	(0.825)	130425	3.00000	3.252 (A)
26	Malathion	15.724	15.724	(0.836)	110320	3.00000	2.937
27	Tokuthion	16.344	16.344	(0.869)	133743	3.00000	3.041
28	Parathion	16.491	16.494	(0.877)	122185	3.00000	3.092 (M)
29	Merphos-B (Merphos Oxone)	16.514	16.517	(1.484)	42060	3.00000	3.239 (AM)
30	Tetrachlorvinphos (stirophos)	16.977	16.977	(0.902)	70088	3.00000	2.742
31	Carbophenothion methyl	17.082	17.082	(0.908)	102737	3.00000	2.804
32	Bolstar	17.439	17.440	(0.927)	120542	3.00000	3.124
33	Carbophenothion	17.522	17.524	(0.931)	125962	3.00000	3.319 (A)

		Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	34	Triphenyl phosphate	18.279	18.281	(0.972)	99877	3.00000	3.207
	35	Fensulfothion	18.566	18.559	(0.987)	66146	3.00000	2.313
*	36	TOCP	18.814	18.816	(1.000)	62418	2.00000	
	37	Phosmet / EPN	18.907	18.909	(1.005)	187075	6.00000	5.878(A)
	38	Famphur	19.007	19.011	(1.010)	119136	3.00000	2.910
	39	Azinphos-methyl	19.144	19.147	(1.018)	83236	3.00000	2.222
	40	Azinphos-ethyl	19.364	19.366	(1.029)	97909	3.00000	2.745
	41	Coumaphos	20.347	20.347	(1.081)	72173	3.00000	2.632
$	42	Merphos				198408	3.00000	3.814(A)
M	43	Total Demeton				154179	3.00000	3.171

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

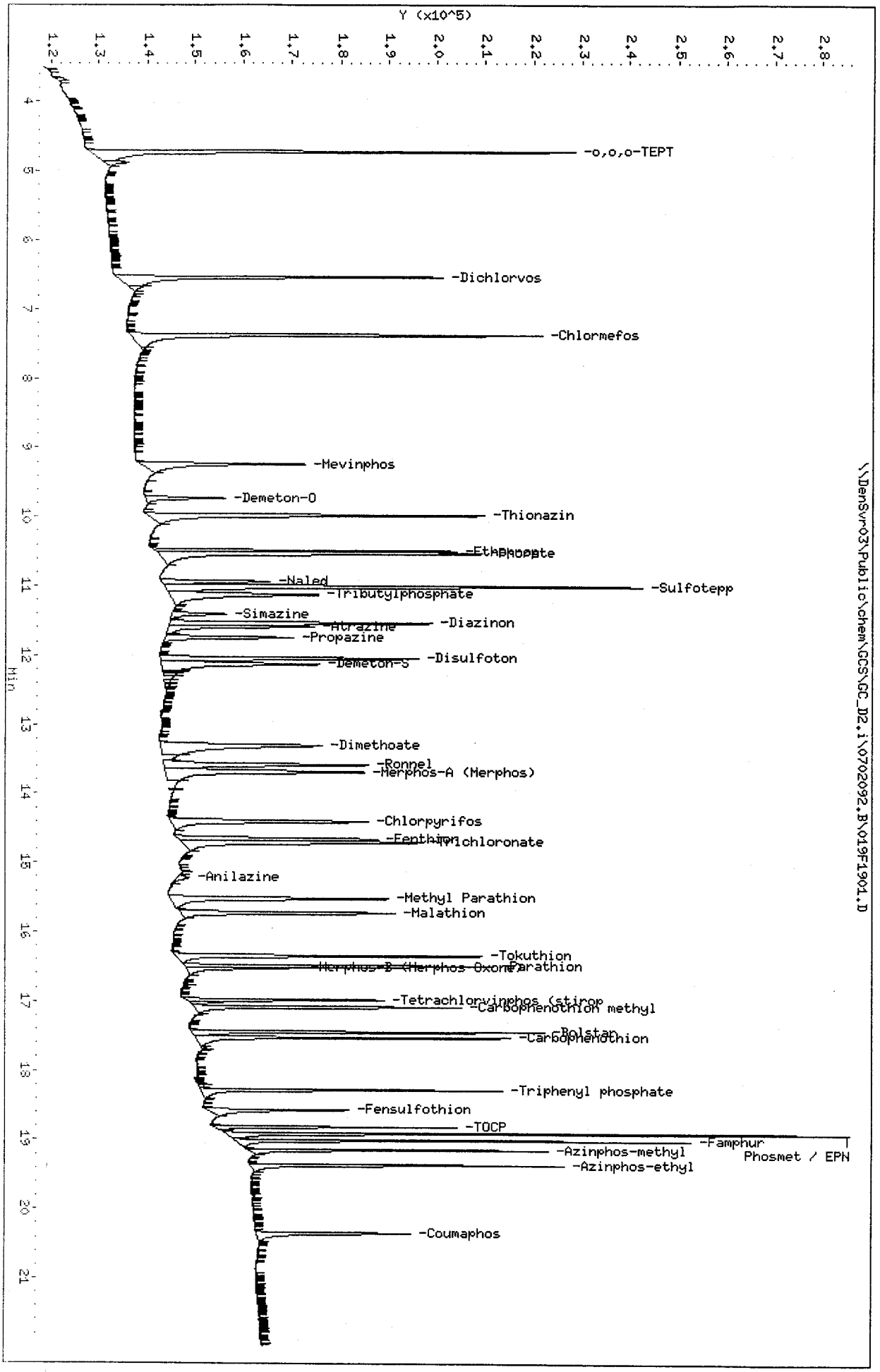
Instrument ID: GC_D2.i
Lab File ID: 019F1901.D
Lab Smp Id: OPP L5 GSV0635
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702092.B\8141A-2.m
Misc Info:

Calibration Date: 03-JUL-2009
Calibration Time: 05:01
Client Smp ID: OPP L5 GSV0635
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	147589	73795	295178	116195	-21.27
36 TOCP	73608	36804	147216	62418	-15.20

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.13	0.08
36 TOCP	18.82	18.32	19.32	18.81	-0.00

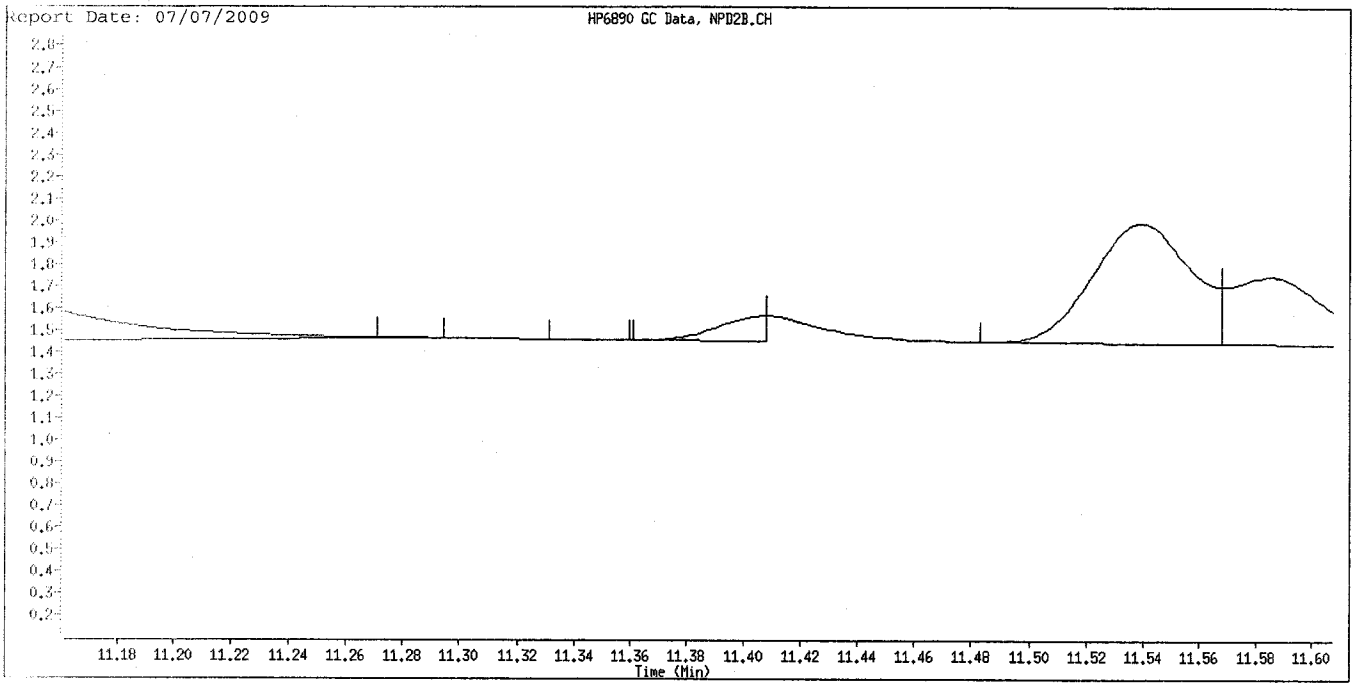
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



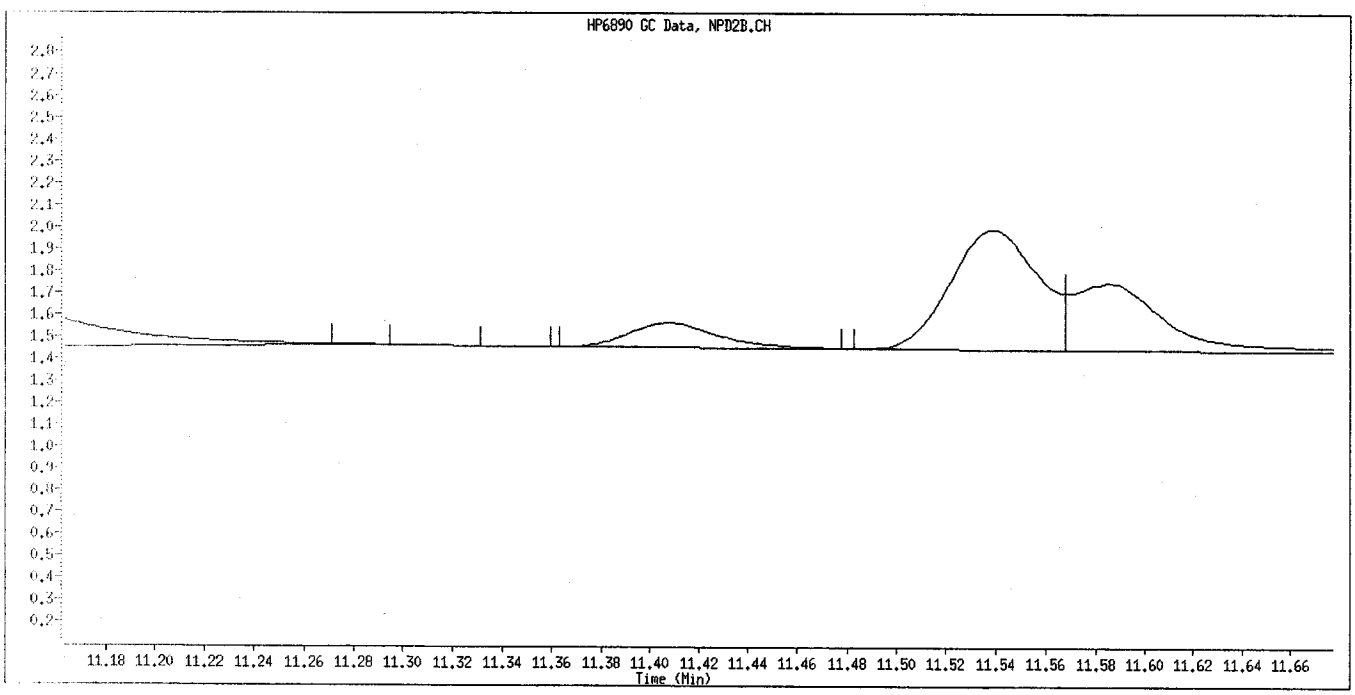
Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702092.B\019F1901.D
Date : 03-JUL-2009 01:50
Client ID: OPP L5 GSV0635
Sample Info: OPP L5 GSV0635
Column phase: RTx-OPPest

Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

Data File Name: 019F1901.D
Inj. Date and Time: 03-JUL-2009 01:50
Instrument ID: GC_D2.i
Client ID: OPP L5 GSV0635
Compound Name: Simazine
CAS #:



Original Integration

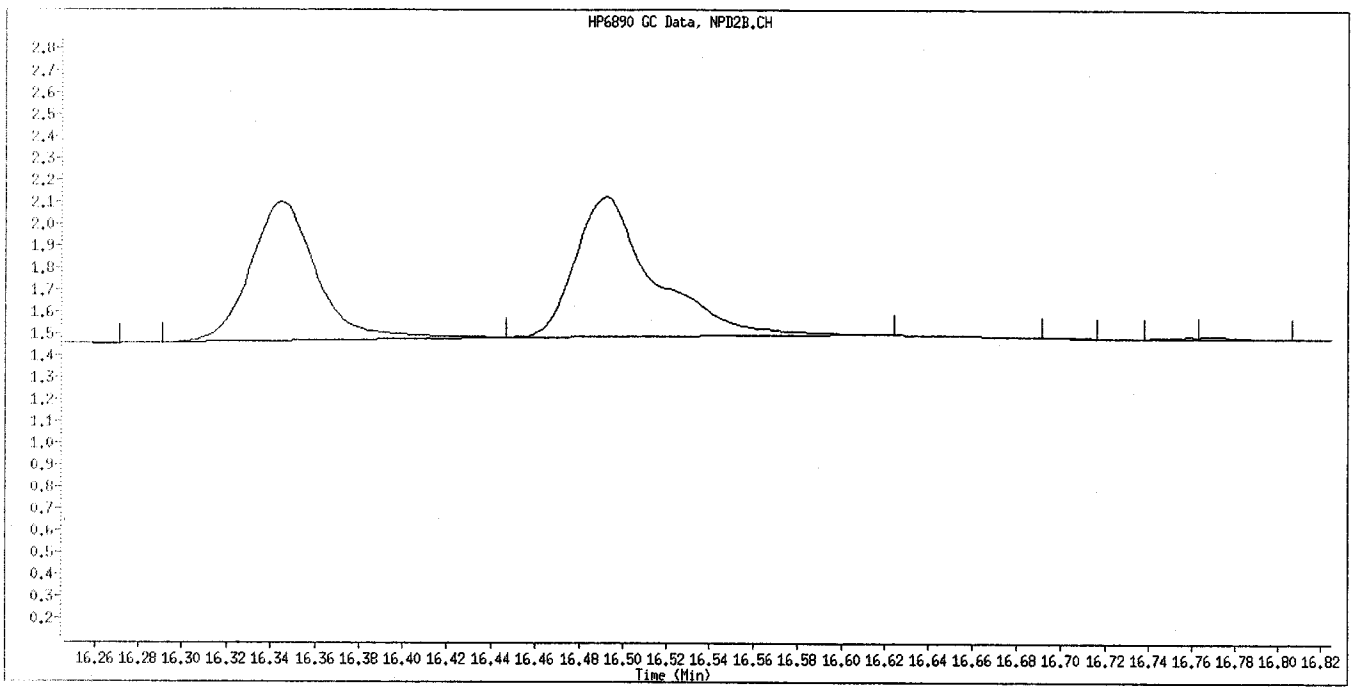


Manual Integration

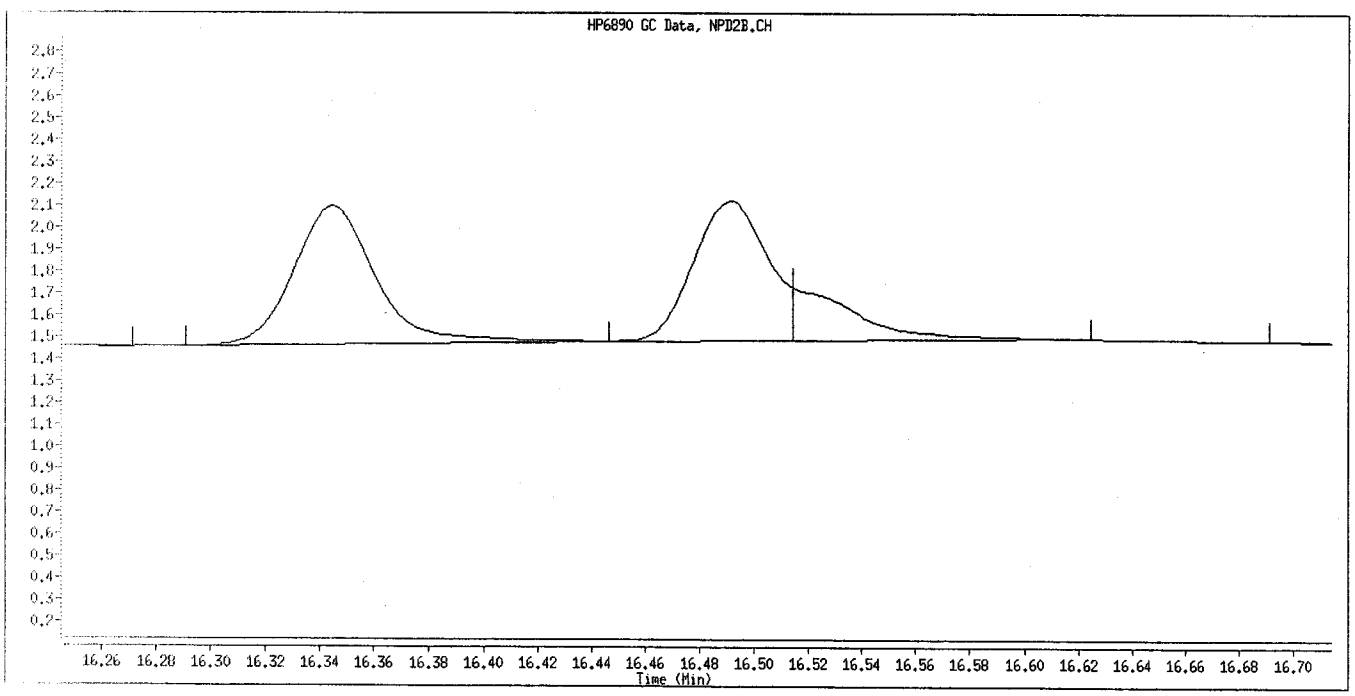
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

7/8/09

Data File Name: 019F1901.D
Inj. Date and Time: 03-JUL-2009 01:50
Instrument ID: GC_D2.i
Client ID: OPP L5 GSV0635
Compound Name: Parathion
CAS #:
Report Date: 07/07/2009



Original Integration

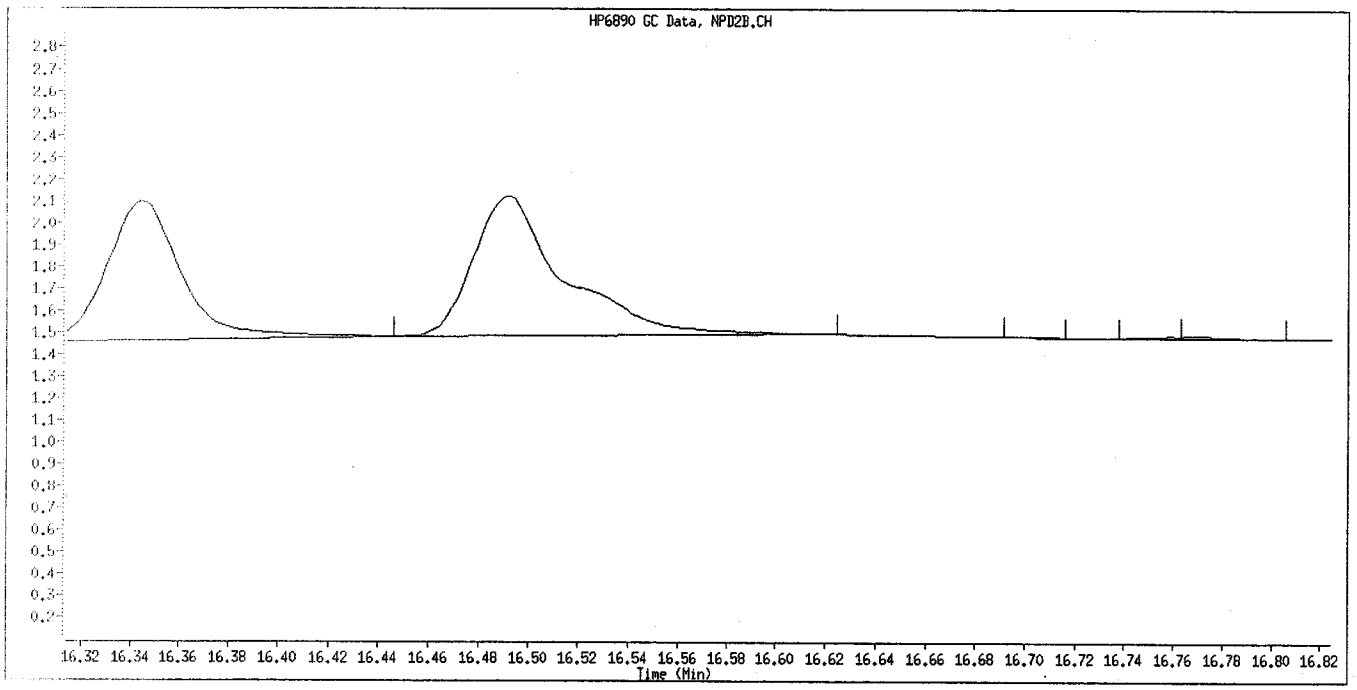


Manual Integration

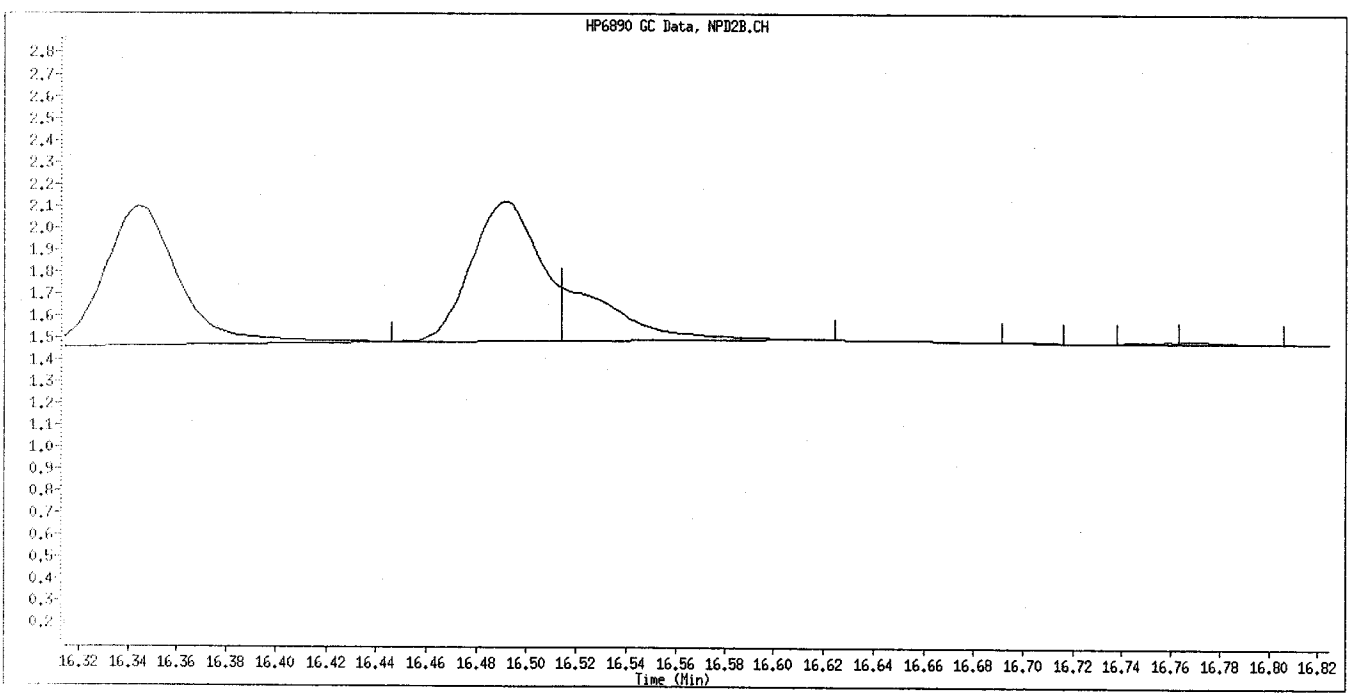
Split Peak
&
Baseline

YG 7/8/09

Data File Name: 019F1901.D
Inj. Date and Time: 03-JUL-2009 01:50
Instrument ID: GC_D2.i
Client ID: OPP L5 GSV0635
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 07/07/2009



Original Integration



Manual Integration

Split Peak
at
Baseline

YG 7/8/09

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702091.B/019F1901.D
Report Date: 07/06/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 019F1901.D
Analysis Type: NONE

Injection Date: 03-JUL-2009 01:50
Lab Sample ID: OPP L5 GSV0635
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	3.0000	2.5866	13.8	15.0	
2	Dichlorvos	3.0000	2.4836	17.2	15.0	<-
3	Mevinphos	3.0000	1.3260	55.8	15.0	<-
4	Chlormefos	3.0000	3.5856	19.5	15.0	<-
5	Thionazin	3.0000	2.8382	5.4	15.0	
6	Demeton-O	0.9750	0.9621	1.3	15.0	
7	Ethoprop	3.0000	3.1201	4.0	15.0	
8	Naled	3.0000	3.7667	25.6	15.0	<-
9	Sulfotepp	3.0000	3.1436	4.8	15.0	
10	Phorate	3.0000	3.2797	9.3	15.0	
11	Dimethoate	3.0000	1.2645	57.8	15.0	<-
12	Demeton-S	2.0400	2.2864	12.1	15.0	
13	Simazine	3.0000	4.0653	35.5	15.0	<-
14	Atrazine	3.0000	3.1195	4.0	15.0	
15	propazine	3.0000	2.9041	3.2	15.0	
17	Disulfoton	3.0000	2.8805	4.0	15.0	
16	Diazinon	3.0000	2.9541	1.5	15.0	
18	Methyl Parathion	3.0000	3.1865	6.2	15.0	
19	Ronnel	3.0000	2.7464	8.5	15.0	
20	Malathion	3.0000	3.0067	0.2	15.0	
21	Fenthion	3.0000	2.9822	0.6	15.0	
22	Parathion	3.0000	2.9428	1.9	15.0	
23	Chlorpyrifos	3.0000	3.3794	12.6	15.0	
24	Trichloronate	3.0000	3.1685	5.6	15.0	
25	Anilazine	3.0000	0.9550	68.2	15.0	<-
148	Merphos-A (Merphos)	3.0000	3.1582	5.3	999.0	
26	Tetrachlorvinphos (Stirophos)	3.0000	2.6498	11.7	15.0	
28	Tokuthion	3.0000	3.2902	9.7	15.0	
149	Merphos-B (Merphos Oxone)	3.0000	3.4176	13.9	999.0	
29	Carbophenothion-methyl	3.0000	2.9717	0.9	15.0	
29	Fensulfothion	3.0000	1.2169	59.4	15.0	<-
30	Bolstar / Famphur	6.0000	5.7513	4.1	15.0	
32	Carbophenothion	3.0000	3.0572	1.9	15.0	
31	Triphenyl phosphate	3.0000	2.9428	1.9	15.0	
34	Phosmet	3.0000	2.6901	10.3	15.0	
32	EPN	3.0000	3.3813	12.7	15.0	
33	Azinphos-methyl	3.0000	2.3080	23.1	15.0	<-
35	Azinphos-ethyl	3.0000	2.8069	6.4	15.0	
36	Coumaphos	3.0000	2.3775	20.8	15.0	<-

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702091.B/019F1901.D
Report Date: 07/06/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 019F1901.D
Analysis Type: NONE

Injection Date: 03-JUL-2009 01:50
Lab Sample ID: OPP L5 GSV0635
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
27 Merphos	3.0000	3.2280	7.6	15.0
40 Total Demeton	3.0000	3.2485	8.3	15.0

Average %D = 14.1

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0702091.B\019F1901.D
Lab Smp Id: OPP L5 GSV0635 Client Smp ID: OPP L5 GSV0635
Inj Date : 03-JUL-2009 01:50
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L5 GSV0635
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0702091.B\8141A-1.m
Meth Date : 07-Jul-2009 19:05 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 19 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/mL)
	1 o,o,o-TEPT	3.255	3.254	(0.182)	242877	3.00000	2.587
	2 Dichlorvos	4.077	4.074	(0.228)	144811	3.00000	2.484
	3 Mevinphos	5.760	5.739	(0.323)	42471	3.00000	1.326
$	4 Chlormefos	5.834	5.836	(0.327)	261807	3.00000	3.586
	5 Thionazin	7.510	7.507	(0.421)	189123	3.00000	2.838
	6 Demeton-O	7.649	7.649	(0.429)	61174	0.97500	0.9621
	7 Ethoprop	7.862	7.852	(0.441)	182195	3.00000	3.120
	8 Naled	8.064	8.057	(0.452)	56427	3.00000	3.767
*	9 Tributylphosphate	8.155	8.135	(1.000)	105519	2.00000	
	10 Sulfotepp	8.440	8.442	(0.473)	260892	3.00000	3.144
	11 Phorate	8.532	8.532	(0.478)	198332	3.00000	3.280
	12 Dimethoate	8.770	8.730	(0.491)	88832	3.00000	1.264(M)
	13 Demeton-S	8.859	8.846	(0.496)	116470	2.04000	2.286
	14 Simazine	8.935	8.924	(0.501)	97139	3.00000	4.065
	15 Atrazine	9.099	9.094	(0.510)	84973	3.00000	3.119
	16 propazine	9.242	9.241	(0.518)	72991	3.00000	2.904
	17 Disulfoton	9.872	9.869	(0.553)	117618	3.00000	2.880
	18 Diazinon	9.900	9.902	(0.555)	191903	3.00000	2.954
	19 Methyl Parathion	10.720	10.717	(0.601)	131274	3.00000	3.186
	20 Ronnel	11.240	11.241	(0.630)	116956	3.00000	2.746
	21 Malathion	11.810	11.804	(0.662)	116232	3.00000	3.007
	22 Fenthion	11.934	11.932	(0.669)	124890	3.00000	2.982
	23 Parathion	12.025	12.019	(0.674)	131158	3.00000	2.943
	24 Chlorpyrifos	12.069	12.067	(0.676)	182228	3.00000	3.379
	25 Trichloronate	12.495	12.496	(0.700)	152699	3.00000	3.168
	26 Anilazine	12.824	12.817	(0.719)	3492	3.00000	0.9550
	27 Merphos-A (Merphos)	13.197	13.199	(0.739)	126987	3.00000	3.158
	28 Tetrachlorvinphos (Stirophos)	13.842	13.824	(0.776)	70812	3.00000	2.650
	29 Tokuthion	14.450	14.449	(0.810)	152005	3.00000	3.290
	30 Merphos-B (Merphos Oxone)	14.662	14.651	(0.822)	36938	3.00000	3.418
	31 Carbophenothion-methyl	15.244	15.239	(0.854)	105117	3.00000	2.972
	32 Fensulfothion	15.459	15.361	(0.866)	44413	3.00000	1.217(M)
	33 Bolstar / Famphur	16.055	16.053	(0.900)	254190	6.00000	5.751

		Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34	Carbophenothion	16.197	16.197	(0.908)	135553	3.00000	3.057
S	35	Triphenyl phosphate	16.717	16.712	(0.937)	99157	3.00000	2.943(A)
	36	Phosmet	16.970	16.963	(0.951)	102094	3.00000	2.690
	37	EPN	17.150	17.151	(0.961)	123753	3.00000	3.381
	38	Azinphos-methyl	17.489	17.480	(0.980)	93338	3.00000	2.308
*	39	TOCP	17.847	17.846	(1.000)	66646	2.00000	
	40	Azinphos-ethyl	17.934	17.926	(1.005)	124456	3.00000	2.807
	41	Coumaphos	18.382	18.366	(1.030)	77549	3.00000	2.377
S	42	Merphos				163925	3.00000	3.228
M	43	Total Demeton				177644	3.00000	3.248

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

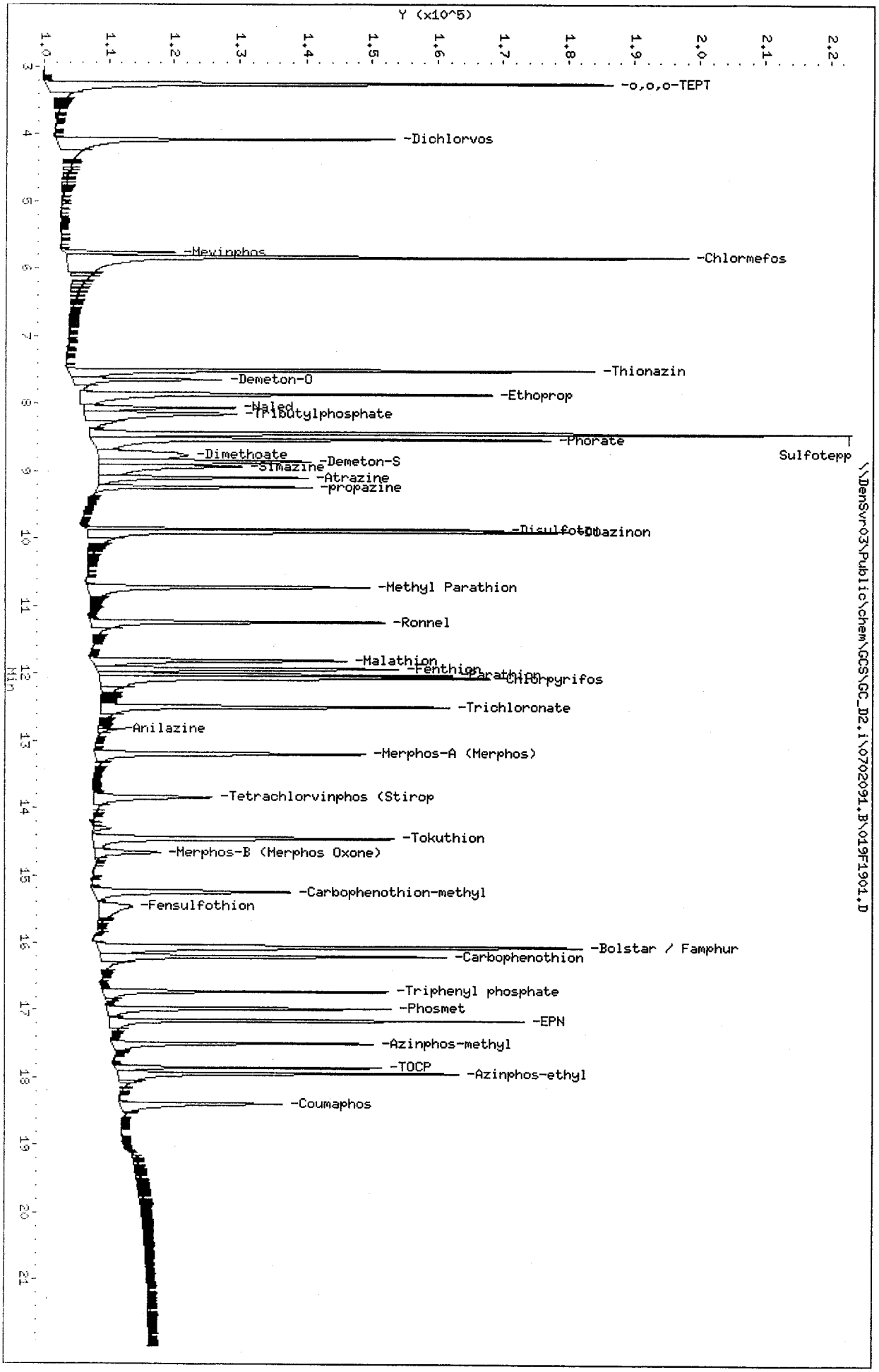
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 019F1901.D
Lab Smp Id: OPP L5 GSV0635
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Calibration Date: 02-JUL-2009
Calibration Time: 18:33
Client Smp ID: OPP L5 GSV0635
Level:
Sample Type:
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702091.B\8141A-1.m
Misc Info: IS - GSV0633-09

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	101049	50525	202098	105519	4.42
39 TOCP	61896	30948	123792	66646	7.67

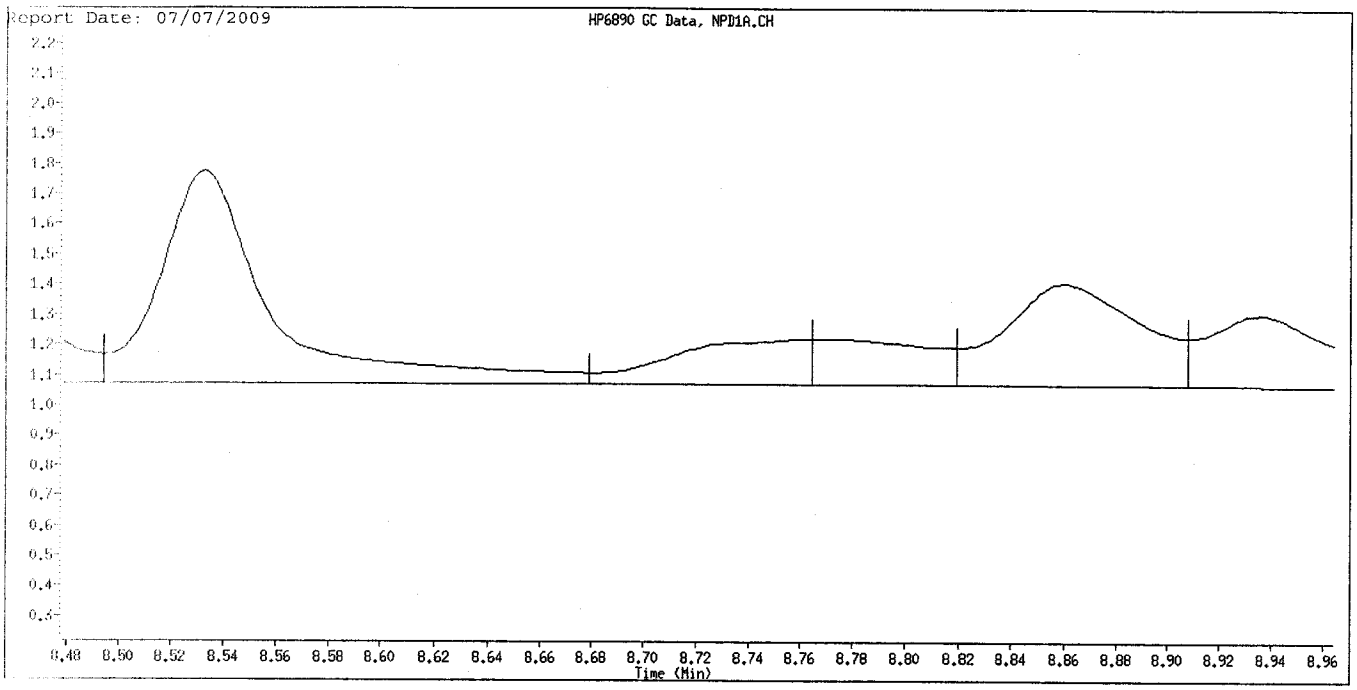
COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.15	7.65	8.65	8.16	0.09
39 TOCP	17.85	17.35	18.35	17.85	0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

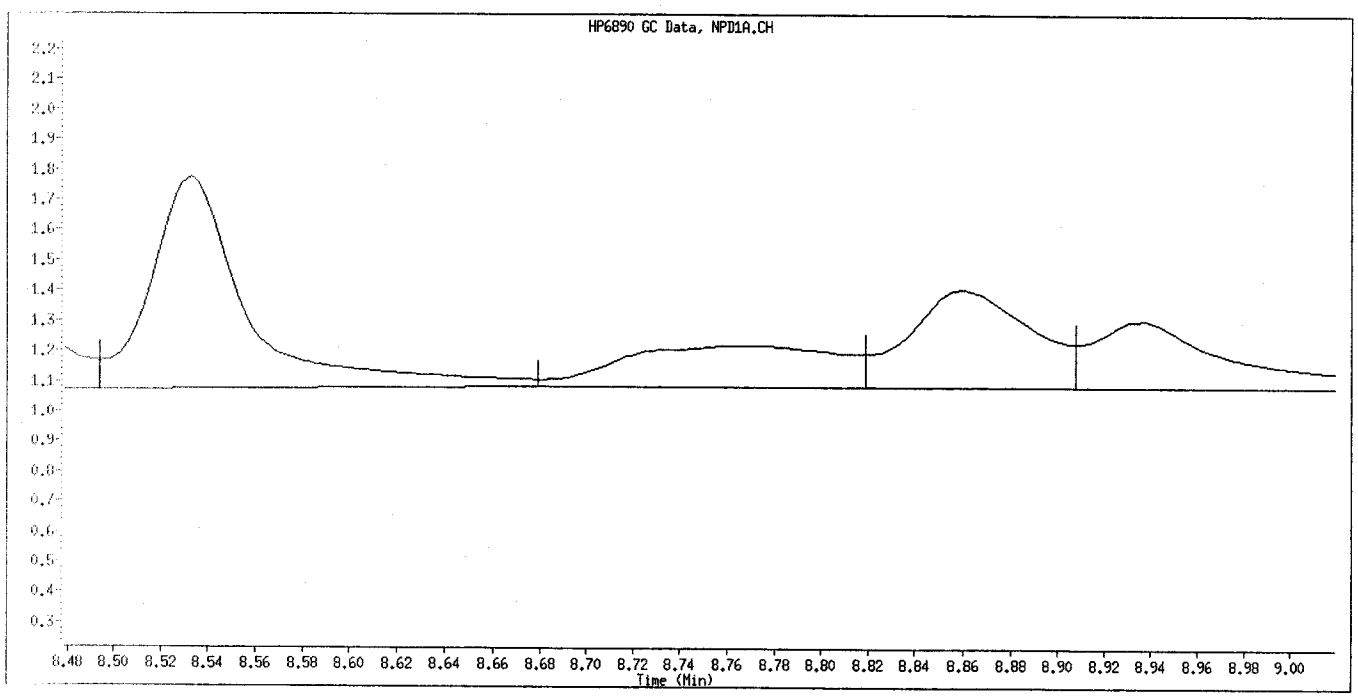


Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702091.B\019F1901.D
Date : 03-JUL-2009 01:50
Client ID: OPP L5 GSV0635
Sample Info: OPP L5 GSV0635
Column phase: RTx-1MS
Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

Data File Name: 019F1901.D
Inj. Date and Time: 03-JUL-2009 01:50
Instrument ID: GC_D2.i
Client ID: OPP L5 GSV0635
Compound Name: Dimethoate
CAS #:
Report Date: 07/07/2009



Original Integration

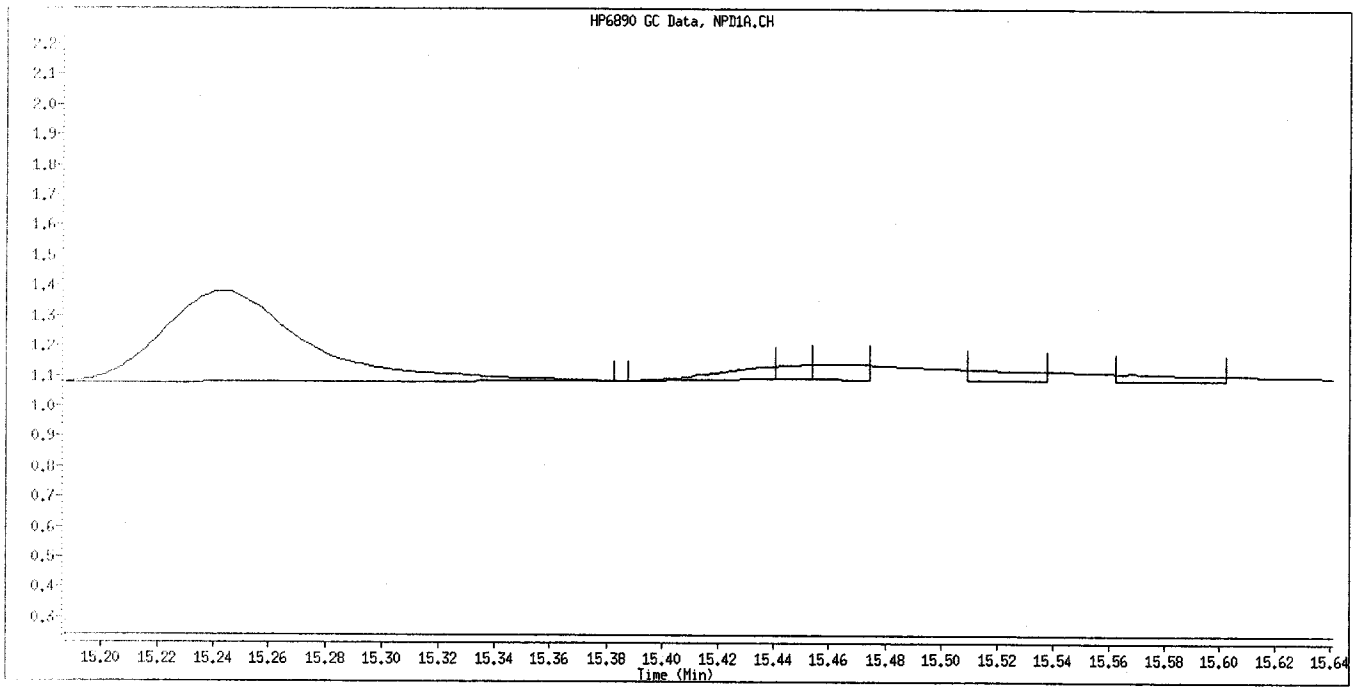


Manual Integration

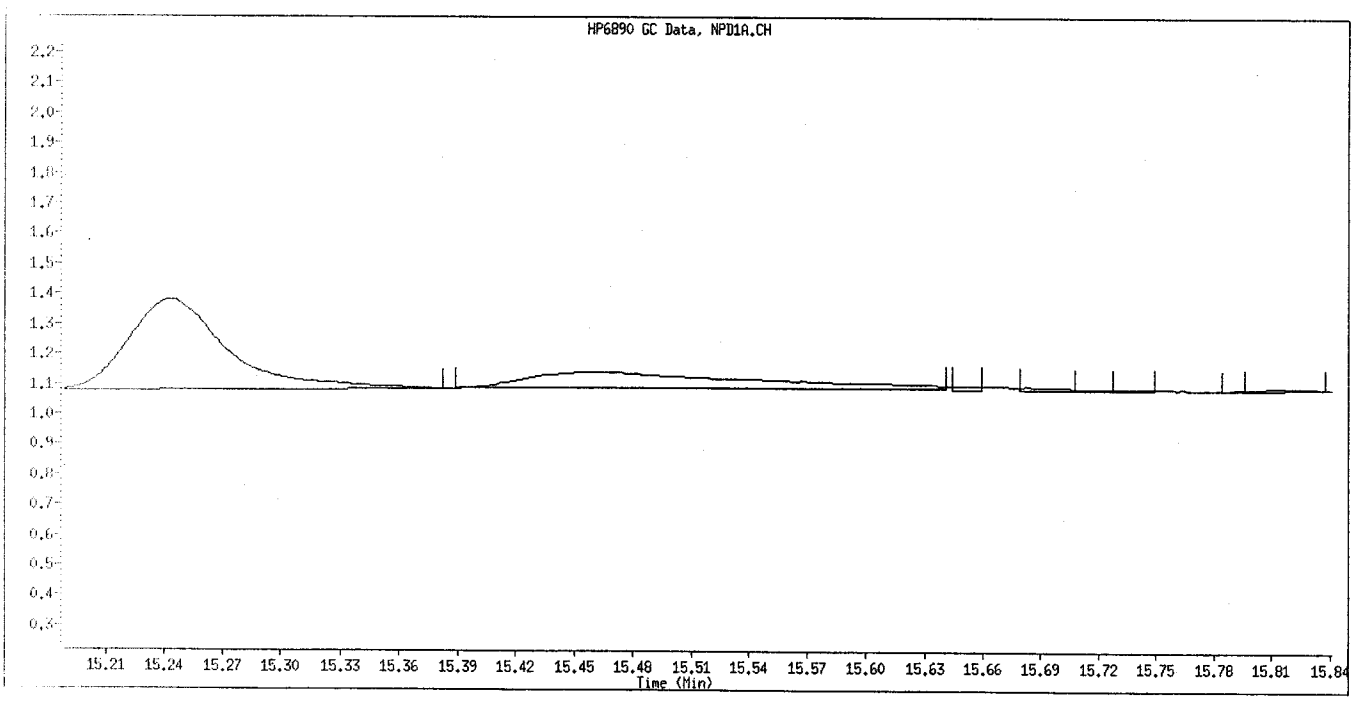
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

7/8/09

Data File Name: 019F1901.D
Inj. Date and Time: 03-JUL-2009 01:50
Instrument ID: GC_D2.i
Client ID: OPP L5 GSV0635
Compound Name: Fensulfothion
CAS #:
Report Date: 07/07/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

7/8/09

GC SEMIVOLATILE SAMPLE DATA

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TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0702092.B\010F1001.D
Lab Smp Id: LFTN31AA Client Smp ID: BLANK
Inj Date : 02-JUL-2009 21:44
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LFTN31AA,MB
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0702092.B\8141A-2.m
Meth Date : 07-Jul-2009 18:51 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 10 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Vs	1000.000	Volume of Sample Extracted (mL)
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
1	o,o,o-TEPT	Compound Not Detected.					
2	Dichlorvos	Compound Not Detected.					
$ 3	Chlormefos	7.392	7.384	(0.393)	18434	0.30184	0.6037(R)
4	Mevinphos	Compound Not Detected.					
5	Demeton-O	Compound Not Detected.					
6	Thionazin	Compound Not Detected.					
7	Ethoprop	Compound Not Detected.					
8	Phorate	Compound Not Detected.					
9	Naled	10.956	10.939	(0.582)	60	0.27280	0.5456
10	Sulfotepp	11.011	11.017	(0.585)	77	1e-003	0.001928(aA)
* 11	Tributylphosphate	Compound Not Detected.					
12	Simazine	11.396	11.399	(0.605)	260	0.02273	0.04546(aA)
13	Diazinon	Compound Not Detected.					
14	Atrazine	11.587	11.584	(0.616)	63	0.23493	0.4698(aA)
15	Propazine	Compound Not Detected.					
16	Disulfoton	Compound Not Detected.					
17	Demeton-S	12.116	12.124	(0.644)	55	0.12012	0.2402
18	Dimethoate	Compound Not Detected.					
19	Ronnel	Compound Not Detected.					
20	Merphos-A (Merphos)	13.727	13.689	(1.000)	79		(a)
21	Chlorpyrifos	Compound Not Detected.					
22	Fenthion	Compound Not Detected.					

nd a peak

nc

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
	23 Trichloronate	Compound Not Detected.					
	24 Anilazine	Compound Not Detected.					
	25 Methyl Parathion	Compound Not Detected.					
	26 Malathion	15.757	15.724	(0.837)	119	0.00329	0.006583(a)
	27 Tokuthion	Compound Not Detected.					
	28 Parathion	16.506	16.494	(0.877)	166	0.00437	0.008731(a)
	29 Merphos-B (Merphos Oxone)	16.516	16.517	(1.000)	76		(a)
	30 Tetrachlorvinphos (stirophos)	Compound Not Detected.					
	31 Carbophenothion methyl	Compound Not Detected.					
	32 Bolstar	Compound Not Detected.					
	33 Carbophenothion	Compound Not Detected.					
$	34 Triphenyl phosphate	18.304	18.281	(0.972)	7368	0.24587	0.4917(R)
	35 Fensulfothion	Compound Not Detected.					
*	36 TOCP	18.826	18.816	(1.000)	60068	2.00000	
	37 Phosmet / EPN	Compound Not Detected.					
	38 Famphur	Compound Not Detected.					
	39 Azinphos-methyl	Compound Not Detected.					
	40 Azinphos-ethyl	Compound Not Detected.					
	41 Coumaphos	Compound Not Detected.					
S	42 Merphos	Compound Not Detected.					
M	43 Total Demeton				55	0.12012	0.2402

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Lab Smp Id: LFTN31AA
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702092.B\8141A-2.m
Misc Info:

Calibration Date: 02-JUL-2009
Calibration Time: 18:33
Client Smp ID: BLANK
Level: LOW
Sample Type: WATER

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
11 Tributylphosphate	114231	57116	228462	0	-100.00
36 TOCP	56306	28153	112612	60068	6.68

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.13	10.63	11.63	0.00	-100.00
36 TOCP	18.82	18.32	19.32	18.83	0.06

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name: Client SDG: D9F290000
Sample Matrix: LIQUID Fraction: SV
Lab Smp Id: LFTN31AA Client Smp ID: BLANK
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: BLANK
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702092.B\8141A-2.m
Misc Info:

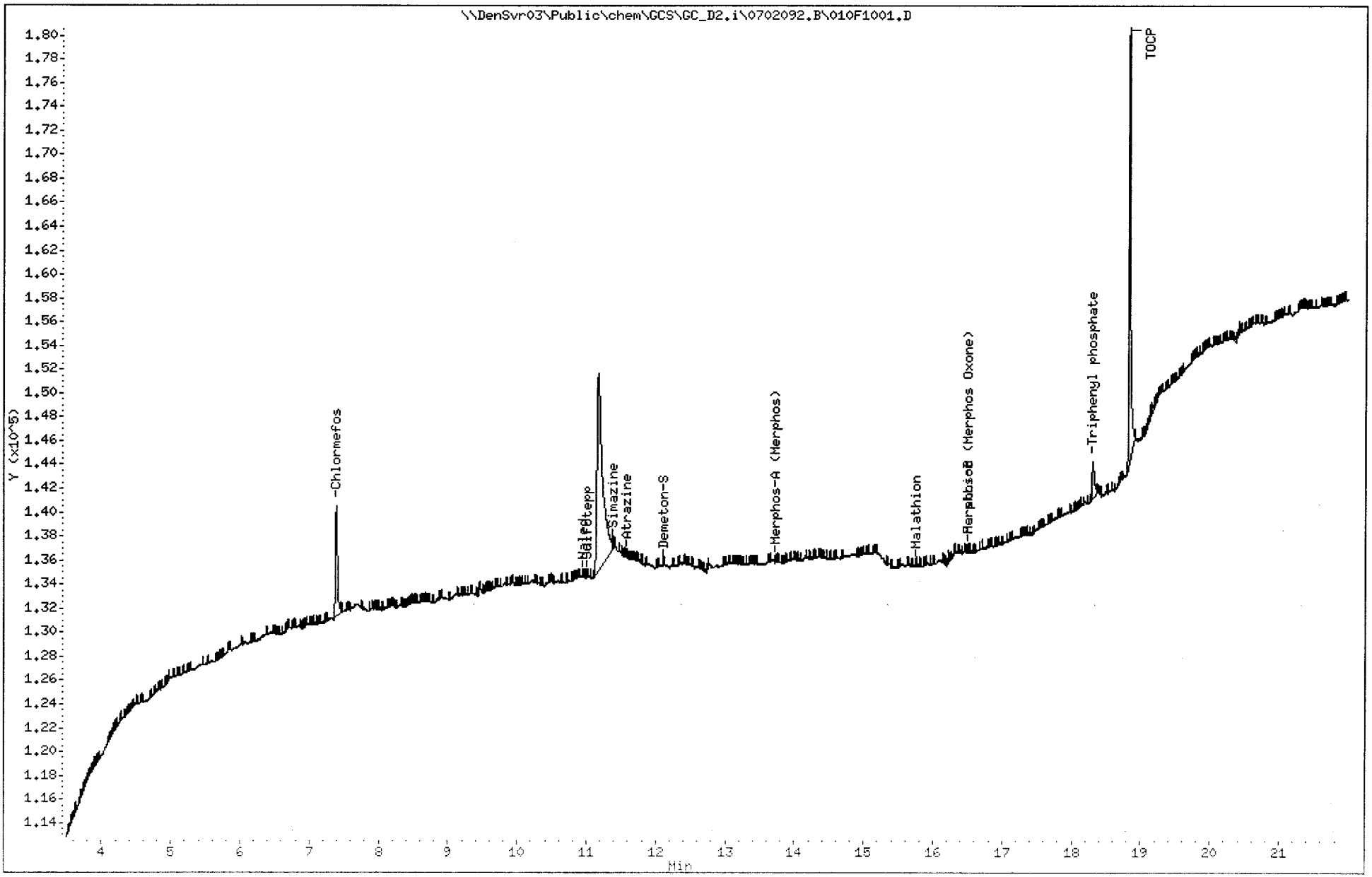
SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 3 Chlormefos	2.000	0.6037	30.18*	48-114
$ 34 Triphenyl phosphat	2.000	0.4917	24.59*	50-150

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702092.B\010F1001.D
Date : 02-JUL-2009 21:44
Client ID: BLANK
Sample Info: LFTN31AA,MB

Instrument: GC_D2.i

Operator: MPK/TLW
Column diameter: 0.32

Column phase: RTx-OPPest



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0702091.B\010F1001.D
Lab Smp Id: LFTN31AA Client Smp ID: BLANK
Inj Date : 02-JUL-2009 21:44
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LFTN31AA,MB
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0702091.B\8141A-1.m
Meth Date : 07-Jul-2009 19:05 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 10 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Vs	1000.000	Volume of Sample extracted (mL)
Cpnd Variable		Local Compound Variable

		Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
	1	o,o,o-TEPT	Compound Not Detected.					
	2	Dichlorvos	Compound Not Detected.					
	3	Mevinphos	Compound Not Detected.					
$	4	Chlormefos	5.832	5.836	(0.327)	22119	0.28093	0.5618(R)
	5	Thionazin	Compound Not Detected.					
	6	Demeton-O	Compound Not Detected.					
	7	Ethoprop	Compound Not Detected.					
	8	Naled	8.060	8.057	(0.452)	68	0.19664	0.3933
*	9	Tributylphosphate	8.124	8.135	(1.000)	103	2.00000	
	10	Sulfotepp	Compound Not Detected.					
	11	Phorate	Compound Not Detected.					
	12	Dimethoate	Compound Not Detected.					
	13	Demeton-S	Compound Not Detected.					
	14	Simazine	Compound Not Detected.					
	15	Atrazine	Compound Not Detected.					
	16	propazine	Compound Not Detected.					
	17	Disulfoton	Compound Not Detected.					
	18	Diazinon	Compound Not Detected.					
	19	Methyl Parathion	Compound Not Detected.					
	20	Ronnel	Compound Not Detected.					
	21	Malathion	Compound Not Detected.					
	22	Fenthion	Compound Not Detected.					

						CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/L)
	Compounds	RT	EXP RT	REL RT	RESPONSE		
	23 Parathion	Compound Not Detected.					
	24 Chlorpyrifos	12.060	12.067	(0.676)	72	0.00124	0.002476(a)
	25 Trichloronate	Compound Not Detected.					
	26 Anilazine	Compound Not Detected.					
	27 Merphos-A (Merphos)	13.200	13.199	(0.739)	82	0.00189	0.003782
	28 Tetrachlorvinphos (Stirophos)	13.827	13.824	(0.775)	68	0.00236	0.004719
	29 Tokuthion	Compound Not Detected.					
	30 Merphos-B (Merphos Oxone)	14.627	14.651	(0.819)	54	0.02549	0.05098
	31 Carbophenothion-methyl	Compound Not Detected.					
	32 Fensulfothion	Compound Not Detected.					
	33 Bolstar / Famphur	Compound Not Detected.					
	34 Carbophenothion	Compound Not Detected.					
S	35 Triphenyl phosphate	16.747	16.712	(0.938)	3311	0.09112	0.1822(R)
	36 Phosmet	Compound Not Detected.					
	37 EPN	Compound Not Detected.					
	38 Azinphos-methyl	Compound Not Detected.					
*	39 TOCP	17.852	17.846	(1.000)	71867	2.00000	
	40 Azinphos-ethyl	Compound Not Detected.					
	41 Coumaphos	Compound Not Detected.					
S	42 Merphos				136	0.00248	0.004967
M	43 Total Demeton	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Lab Smp Id: LFTN31AA
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Calibration Date: 02-JUL-2009
Calibration Time: 18:33
Client Smp ID: BLANK
Level: LOW
Sample Type: WATER
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702091.B\8141A-1.m
Misc Info: IS - GSV0633-09

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	101049	50525	202098	103	-99.90
39 TOCP	61896	30948	123792	71867	16.11

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.15	7.65	8.65	8.12	-0.30
39 TOCP	17.85	17.35	18.35	17.85	0.04

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

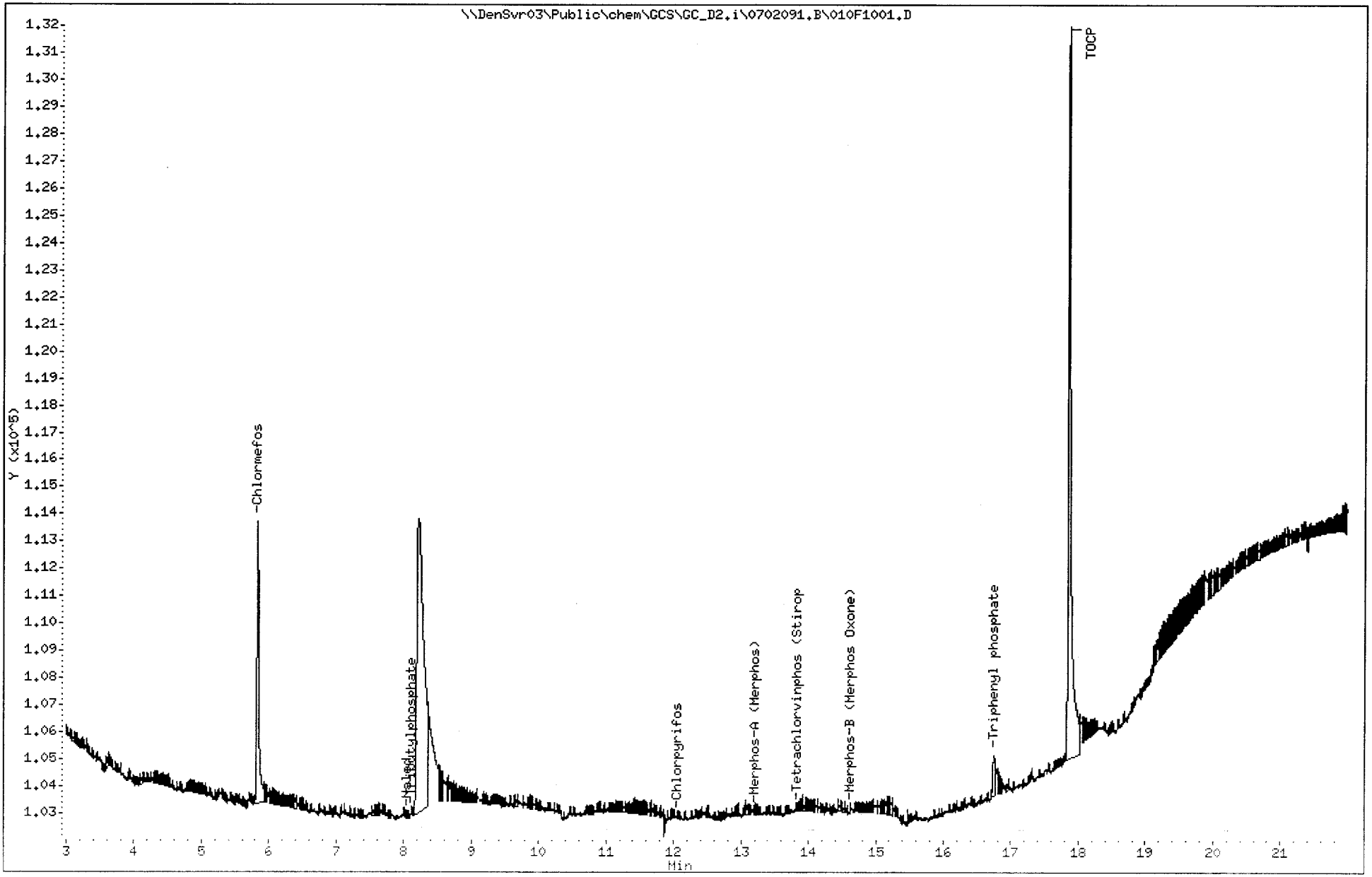
Client Name: Client SDG: D9F290000
Sample Matrix: LIQUID Fraction: SV
Lab Smp Id: LFTN31AA Client Smp ID: BLANK
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: BLANK
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702091.B\8141A-1.m
Misc Info: IS - GSV0633-09

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 4 Chlormefos	2.000	0.5618	28.09*	48-114
$ 35 Triphenyl phosphat	2.000	0.1822	9.11*	50-150

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702091.B\010F1001.D
Date : 02-JUL-2009 21:44
Client ID: BLANK
Sample Info: LFTN31AA,MB

Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

Column phase: RTx-1MS



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0702092.B\011F1101.D
Lab Smp Id: LFTN31AC Client Smp ID: LCS
Inj Date : 02-JUL-2009 22:11
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LFTN31AC,LCS
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0702092.B\8141A-2.m
Meth Date : 07-Jul-2009 18:51 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 11 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Vs	1000.000	Volume of Sample Extracted (mL)
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
1	o,o,o-TEPT	4.737	4.731	(0.252)	156328	1.83688	3.674
2	Dichlorvos	6.560	6.546	(0.349)	90302	1.35888	2.718
$ 3	Chlormefos	7.395	7.384	(0.393)	50809	0.75952	1.519
4	Mevinphos	9.257	9.234	(0.492)	54156	1.20981	2.420
5	Demeton-O	9.749	9.734	(0.518)	68282	1.60078	3.202
6	Thionazin	10.002	9.984	(0.531)	123200	1.84041	3.681
7	Ethoprop	10.522	10.499	(0.559)	71564	1.43070	2.861
8	Phorate	10.552	10.539	(0.561)	125971	2.17172	4.343
9	Naled	10.962	10.939	(0.582)	16909	1.31595	2.632
10	Sulfotepp	11.032	11.017	(0.586)	144885	1.65612	3.312(A)
* 11	Tributylphosphate	11.144	11.116	(1.000)	112511	2.00000	
12	Simazine	11.429	11.399	(0.607)	22904	1.82795	3.656(A)
13	Diazinon	11.559	11.541	(0.614)	89790	1.91860	3.837
14	Atrazine	11.605	11.584	(0.617)	45515	1.89137	3.783(A)
15	Propazine	11.767	11.747	(0.625)	36364	1.68252	3.365
16	Disulfoton	12.069	12.049	(0.641)	67683	1.46701	2.934
17	Demeton-S	12.145	12.124	(0.645)	199	0.12251	0.2450(R)
18	Dimethoate	13.325	13.282	(0.708)	85496	1.38266	2.765
19	Ronnel	13.609	13.587	(0.723)	73137	1.75722	3.514
20	Merphos-A (Merphos)	Compound Not Detected.					
21	Chlorpyrifos	14.430	14.409	(0.767)	70530	1.67073	3.341
22	Fenthion	14.687	14.662	(0.780)	61659	1.57476	3.150

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
23	Trichloronate	14.732	14.711	(0.783)	87677	1.63812	3.276
24	Anilazine	Compound Not Detected.					
25	Methyl Parathion	15.539	15.519	(0.825)	72923	1.72513	3.450
26	Malathion	15.744	15.724	(0.836)	56973	1.43873	2.877
27	Tokuthion	16.360	16.344	(0.869)	81359	1.75475	3.510
28	Parathion	16.507	16.494	(0.877)	76165	1.82857	3.657
29	Merphos-B (Merphos Oxone)	16.537	16.517	(1.484)	91993	7.44669	14.89(A)
30	Tetrachlorvinphos (stirophos)	16.992	16.977	(0.903)	48415	1.79685	3.594
31	Carbophenothion methyl	Compound Not Detected.					
32	Bolstar	17.452	17.440	(0.927)	80586	1.98094	3.962
33	Carbophenothion	17.535	17.524	(0.932)	72085	1.80202	3.604(A)
$ 34	Triphenyl phosphate	18.292	18.281	(0.972)	28035	0.85406	1.708
35	Fensulfothion	18.575	18.559	(0.987)	52037	1.72651	3.453
* 36	TOCP	18.824	18.816	(1.000)	65797	2.00000	
37	Phosmet / EPN	18.917	18.909	(1.005)	110761	3.26417	6.528
38	Famphur	19.019	19.011	(1.010)	65746	1.52347	3.047
39	Azinphos-methyl	19.157	19.147	(1.018)	57489	1.45623	2.912
40	Azinphos-ethyl	Compound Not Detected.					
41	Coumaphos	20.362	20.347	(1.082)	47571	1.64559	3.291
S 42	Merphos				91993	1.67761	3.355
M 43	Total Demeton				68481	1.72328	3.446

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 011F1101.D
Lab Smp Id: LFTN31AC
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702092.B\8141A-2.m
Misc Info:

Calibration Date: 02-JUL-2009
Calibration Time: 18:33
Client Smp ID: LCS
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	114231	57116	228462	112511	-1.51
36 TOCP	56306	28153	112612	65797	16.86

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.13	10.63	11.63	11.14	0.15
36 TOCP	18.82	18.32	19.32	18.82	0.05

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name: Client SDG: D9F290000
Sample Matrix: LIQUID Fraction: SV
Lab Smp Id: LFTN31AC Client Smp ID: LCS
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: LCS
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702092.B\8141A-2.m
Misc Info:

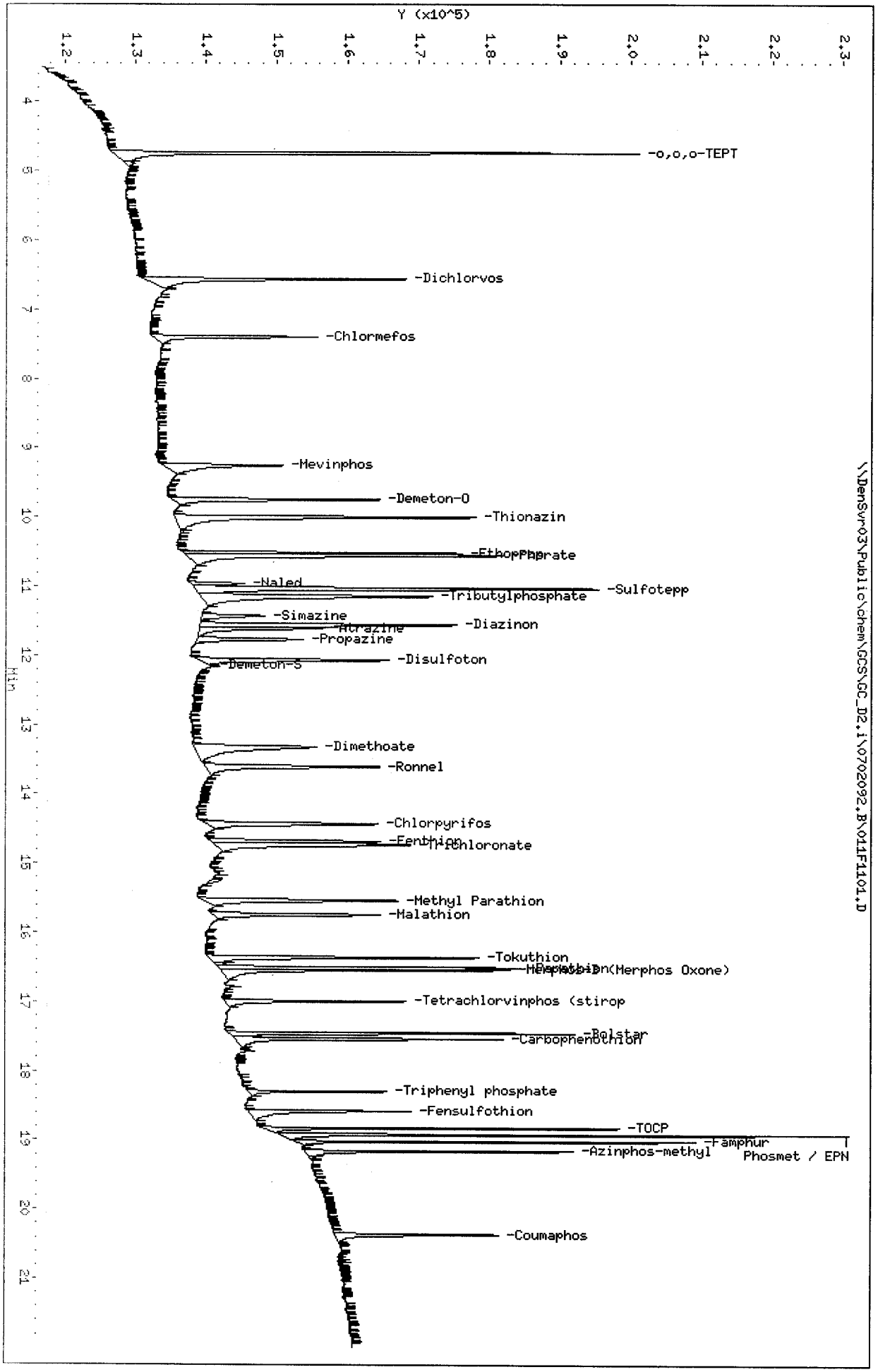
	SPIKE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
	1 o,o,o-TEPT	4.000	3.674	91.84	36-119
	2 Dichlorvos	4.000	2.718	67.94	50-120
$	3 Chlormefos	2.000	1.519	75.95	58-114
	4 Mevinphos	4.000	2.420	60.49	35-108
	5 Demeton-O	2.800	3.202	114.34	36-119
	6 Thionazin	4.000	3.681	92.02	65-116
	7 Ethoprop	4.000	2.861	71.54	36-119
	8 Phorate	4.000	4.343	108.59	36-119
	9 Naled	4.000	2.632	65.80	36-119
	10 Sulfotepp	4.000	3.312	82.81	36-119
	12 Simazine	4.000	3.656	91.40	36-119
	13 Diazinon	4.000	3.837	95.93	36-119
	14 Atrazine	4.000	3.783	94.57	36-119
	15 Propazine	4.000	3.365	84.13	36-119
	16 Disulfoton	4.000	2.934	73.35	61-103
	17 Demeton-S	1.200	0.2450	20.42*	36-119
	18 Dimethoate	4.000	2.765	69.13	28-82
	19 Ronnel	4.000	3.514	87.86	62-99
	21 Chlorpyrifos	4.000	3.341	83.54	66-101
	22 Fenthion	4.000	3.150	78.74	36-119
	23 Trichloronate	4.000	3.276	81.91	36-119
	24 Anilazine	4.000	0.0000	*	36-119
	25 Methyl Parathion	4.000	3.450	86.26	36-119
	26 Malathion	4.000	2.877	71.94	36-119
	27 Tokuthion	4.000	3.510	87.74	36-119
	28 Parathion	4.000	3.657	91.43	36-119
	30 Tetrachlorvinphos	4.000	3.594	89.84	36-119
	31 Carbophenothion m	4.000	0.0000	*	36-119
	32 Bolstar	4.000	3.962	99.05	36-119
	33 Carbophenothion	4.000	3.604	90.10	36-119
$	34 Triphenyl phosphat	2.000	1.708	85.41	36-119
	35 Fensulfothion	4.000	3.453	86.33	20-105
	37 Phosmet / EPN	8.000	6.528	81.60	36-119
	38 Famphur	4.000	3.047	76.17	61-108
	39 Azinphos-methyl	4.000	2.912	72.81	55-103
	40 Azinphos-ethyl	4.000	0.0000	*	36-119
	41 Coumaphos	4.000	3.291	82.28	36-119
S	42 Merphos	4.000	3.355	83.88	36-119
M	43 Total Demeton	4.000	3.446	86.16	47-100

TestAmerica

RECOVERY REPORT

Client Name:
Client SDG: D9F290000
Sample Matrix: LIQUID
Fraction: SV
Lab Smp Id: LFTN31AC
Client Smp ID: LCS
Level: LOW
Operator: MPK/TLW
Data Type: GC DATA
SampleType: LCS
SpikeList File: fullDFCwater.spk
Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702092.B\8141A-2.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 3 Chlormefos	2.000	1.519	75.95	48-114
$ 34 Triphenyl phosphat	2.000	1.708	85.41	50-150



Data File: \\DenSvr03\Public\chem\GCS\GC_D2,i\0702092,B\011F1101,D
Date : 02-JUL-2009 22:11
Client ID: LCS
Sample Info: LFTN31AC,LCS
Column phase: RTx-OPPest

Instrument: GC_D2,i
Operator: MPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0702091.B\011F1101.D
Lab Smp Id: LFTN31AC Client Smp ID: LCS
Inj Date : 02-JUL-2009 22:11
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LFTN31AC,LCS
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0702091.B\8141A-1.m
Meth Date : 07-Jul-2009 19:05 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 11 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Vs	1000.000	Volume of Sample extracted (mL)
Cpnd Variable		Local Compound Variable

		Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
	1	o,o,o-TEPT	3.255	3.254	(0.182)	175309	1.69524	3.390
	2	Dichlorvos	4.080	4.074	(0.229)	98447	1.53305	3.066
	3	Mevinphos	Compound Not Detected.					
$	4	Chlormefos	5.830	5.836	(0.327)	68179	0.84784	1.696
	5	Thionazin	7.508	7.507	(0.421)	119340	1.62616	3.252
	6	Demeton-O	7.645	7.649	(0.428)	98368	1.41658	2.833
	7	Ethoprop	7.860	7.852	(0.441)	113481	1.76456	3.529
	8	Naled	8.063	8.057	(0.452)	18600	1.26237	2.525
*	9	Tributylphosphate	8.143	8.135	(1.000)	113135	2.00000	
	10	Sulfotepp	8.438	8.442	(0.473)	141149	1.50897	3.018
	11	Phorate	8.528	8.532	(0.478)	99374	1.49206	2.984
	12	Dimethoate	8.725	8.730	(0.489)	19143	0.24742	0.4948(R)
	13	Demeton-S	8.868	8.846	(0.497)	8583	0.15299	0.3060(R)
	14	Simazine	8.935	8.924	(0.501)	43156	1.68751	3.375
	15	Atrazine	9.098	9.094	(0.510)	44748	1.49161	2.983
	16	propazine	9.240	9.241	(0.518)	44181	1.59610	3.192
	17	Disulfoton	9.867	9.869	(0.553)	54498	1.18953	2.379
	18	Diazinon	9.898	9.902	(0.555)	127606	1.78361	3.567
	19	Methyl Parathion	10.717	10.717	(0.601)	80822	1.78131	3.563
	20	Ronnel	11.237	11.241	(0.630)	71715	1.52907	3.058
	21	Malathion	11.807	11.804	(0.662)	60589	1.40134	2.803
	22	Fenthion	11.930	11.932	(0.669)	71178	1.54325	3.086

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/L)
	23 Parathion	12.018	12.019	(0.674)	81426	1.65884	3.318
	24 Chlorpyrifos	12.063	12.067	(0.676)	111304	1.87421	3.748
	25 Trichloronate	12.490	12.496	(0.700)	87148	1.64191	3.284
	26 Anilazine	12.823	12.817	(0.719)	4547	1.11117	2.222
	27 Merphos-A (Merphos)	13.203	13.199	(0.740)	193	0.00436	0.008716
	28 Tetrachlorvinphos (Stirophos)	13.833	13.824	(0.775)	44190	1.50145	3.003
	29 Tokuthion	14.445	14.449	(0.810)	92374	1.81551	3.631
	30 Merphos-B (Merphos Oxone)	14.648	14.651	(0.821)	93432	7.82208	15.64(A)
	31 Carbophenothion-methyl	Compound Not Detected.					
	32 Fensulfothion	Compound Not Detected.					
	33 Bolstar / Famphur	16.050	16.053	(0.899)	168889	3.46966	6.939
	34 Carbophenothion	16.193	16.197	(0.908)	78667	1.61095	3.222
$	35 Triphenyl phosphate	16.713	16.712	(0.937)	28386	0.76492	1.530
	36 Phosmet	16.967	16.963	(0.951)	54383	1.30110	2.602
	37 EPN	17.148	17.151	(0.961)	77616	1.94674	3.893
	38 Azinphos-methyl	17.487	17.480	(0.980)	60297	1.35380	2.708
*	39 TOCP	17.843	17.846	(1.000)	73400	2.00000	
	40 Azinphos-ethyl	Compound Not Detected.					
	41 Coumaphos	18.375	18.366	(1.030)	54938	1.52931	3.059
S	42 Merphos				93625	1.67402	3.348
M	43 Total Demeton				106951	1.56956	3.139

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 011F1101.D
Lab Smp Id: LFTN31AC
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Calibration Date: 02-JUL-2009
Calibration Time: 18:33
Client Smp ID: LCS
Level: LOW
Sample Type: WATER
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702091.B\8141A-1.m
Misc Info: IS - GSV0633-09

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	101049	50525	202098	113135	11.96
39 TOCP	61896	30948	123792	73400	18.59

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.15	7.65	8.65	8.14	-0.06
39 TOCP	17.85	17.35	18.35	17.84	-0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name: Client SDG: D9F290000
Sample Matrix: LIQUID Fraction: SV
Lab Smp Id: LFTN31AC Client Smp ID: LCS
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: LCS
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702091.B\8141A-1.m
Misc Info: IS - GSV0633-09

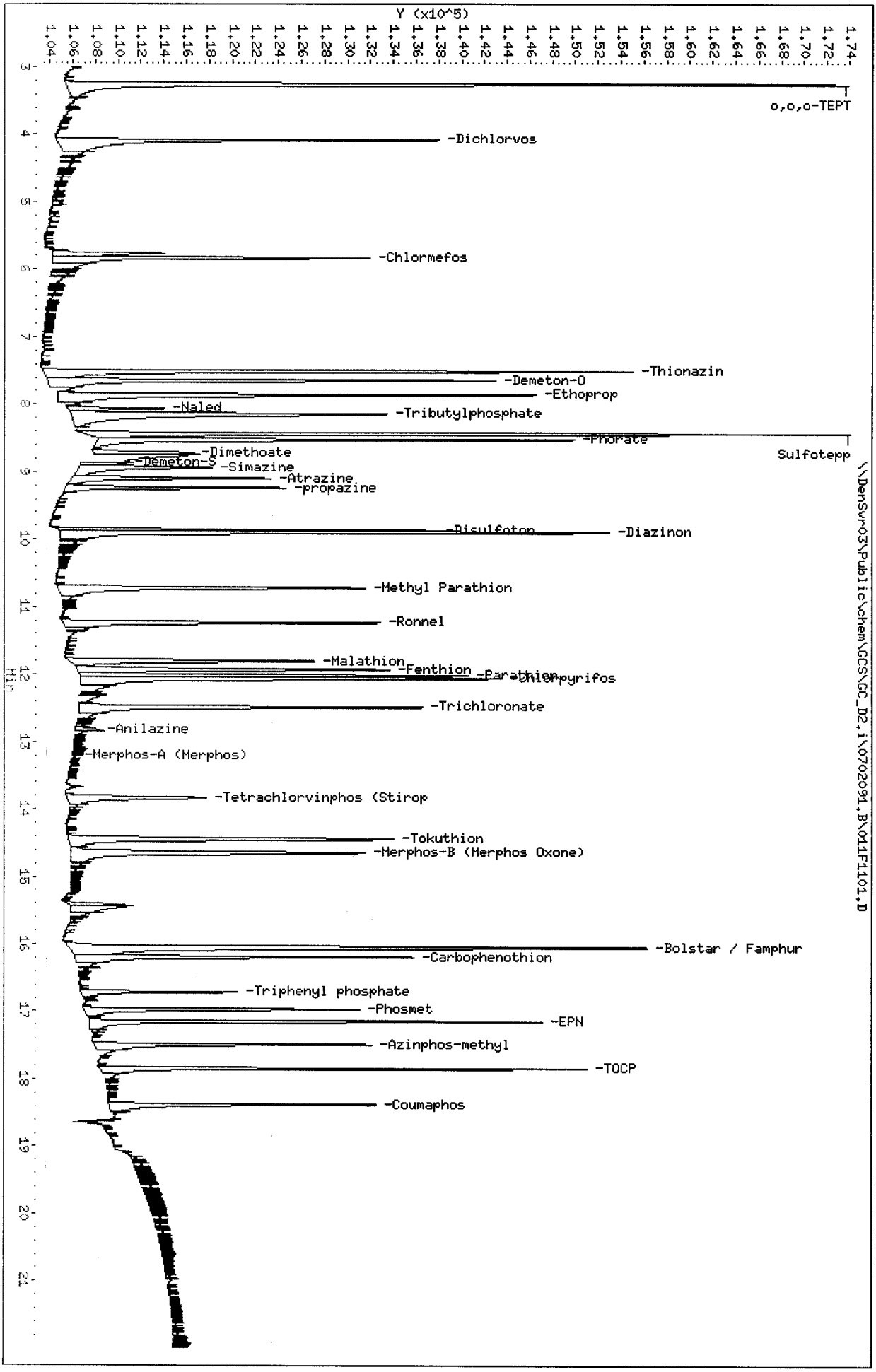
	SPIKE	COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
	1	o,o,o-TEPT	4.000	3.390	84.76	36-119
	2	Dichlorvos	4.000	3.066	76.65	50-120
	3	Mevinphos	4.000	0.0000	*	35-108
$	4	Chlormefos	2.000	1.696	84.78	48-114
	5	Thionazin	4.000	3.252	81.31	65-116
	6	Demeton-O	2.792	2.833	101.47	36-119
	7	Ethoprop	4.000	3.529	88.23	65-108
	8	Naled	4.000	2.525	63.12	36-119
	10	Sulfotepp	4.000	3.018	75.45	69-103
	11	Phorate	4.000	2.984	74.60	62-104
	12	Dimethoate	4.000	0.4948	12.37*	28-115
	13	Demeton-S	1.208	0.3060	25.33*	36-119
	14	Simazine	4.000	3.375	84.38	47-109
	15	Atrazine	4.000	2.983	74.58	36-119
	16	propazine	4.000	3.192	79.80	36-119
	18	Diazinon	4.000	3.567	89.18	36-119
	17	Disulfoton	4.000	2.379	59.48	36-119
	19	Methyl Parathion	4.000	3.563	89.07	68-119
	20	Ronnel	4.000	3.058	76.45	62-115
	21	Malathion	4.000	2.803	70.07	67-115
	22	Fenthion	4.000	3.086	77.16	36-119
	23	Parathion	4.000	3.318	82.94	36-119
	24	Chlorpyrifos	4.000	3.748	93.71	36-119
	25	Trichloronate	4.000	3.284	82.10	36-119
	26	Anilazine	4.000	2.222	55.56	47-115
S	42	Merphos	4.000	3.348	83.70	36-119
	28	Tetrachlorvinphos	4.000	3.003	75.07	36-119
	29	Tokuthion	4.000	3.631	90.78	36-119
	31	Carbophenothion-m	4.000	0.0000	*	36-119
	32	Fensulfothion	4.000	0.0000	*	61-115
	33	Bolstar / Famphur	8.000	6.939	86.74	36-119
	34	Carbophenothion	4.000	3.222	80.55	36-119
$	35	Triphenyl phosphat	2.000	1.530	76.49	50-150
	36	Phosmet	4.000	2.602	65.06	36-119
	37	EPN	4.000	3.893	97.34	36-119
	38	Azinphos-methyl	4.000	2.708	67.69	55-115
	40	Azinphos-ethyl	4.000	0.0000	*	36-119
	41	Coumaphos	4.000	3.059	76.47	62-115
M	43	Total Demeton	4.000	3.139	78.48	47-115

TestAmerica

RECOVERY REPORT

Client Name: Client SDG: D9F290000
Sample Matrix: LIQUID Fraction: SV
Lab Smp Id: LFTN31AC Client Smp ID: LCS
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: LCS
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702091.B\8141A-1.m
Misc Info: IS - GSV0633-09

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 4 Chlormefos	2.000	1.696	84.78	48-114
$ 35 Triphenyl phosphat	2.000	1.530	76.49	50-150



Data File: \\DenSvr03\Public\chem\GCS\GC_D2,i\0702091,B\011F1101,D
Date : 02-JUL-2009 22:11
Client ID: LCS
Sample Info: LFTN31AC,LCS
Column phase: RTx-1MS
Instrument: GC_D2,i
Operator: MPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0702092.B\012F1201.D
Lab Smp Id: LFTN31AD Client Smp ID: LCSD
Inj Date : 02-JUL-2009 22:39
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LFTN31AD,LCSD
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0702092.B\8141A-2.m
Meth Date : 07-Jul-2009 18:51 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 12 QC Sample: LCSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Vs	1000.000	Volume of Sample Extracted (mL)
Cpnd Variable		Local Compound Variable

			CONCENTRATIONS	
			ON-COLUMN	FINAL
Compounds	RT	EXP RT REL RT	RESPONSE (ug/mL)	(ug/L)
1 o,o,o-TEPT	4.725	4.731 (0.251)	190488 2.18186	4.364
2 Dichlorvos	6.543	6.546 (0.348)	119906 1.75889	3.518
$ 3 Chlormefos	7.378	7.384 (0.392)	55712 0.81183	1.624
4 Mevinphos	9.236	9.234 (0.491)	72365 1.57584	3.152
5 Demeton-O	9.728	9.734 (0.517)	84587 1.93305	3.866(R)
6 Thionazin	9.980	9.984 (0.531)	132147 1.92432	3.849
7 Ethoprop	10.500	10.499 (0.558)	85666 1.66947	3.339
8 Phorate	10.530	10.539 (0.560)	126762 2.13029	4.260
9 Naled	10.938	10.939 (0.581)	19899 1.47007	2.940
10 Sulfotepp	11.010	11.017 (0.585)	162823 1.81426	3.628(A)
* 11 Tributylphosphate	11.121	11.116 (1.000)	121723 2.00000	
12 Simazine	11.405	11.399 (0.606)	27259 2.12069	4.241(A)
13 Diazinon	11.536	11.541 (0.613)	102880 2.13950	4.279
14 Atrazine	11.581	11.584 (0.616)	54005 2.15121	4.302(A)
15 Propazine	11.743	11.747 (0.624)	44685 2.00390	4.008
16 Disulfoton	12.043	12.049 (0.640)	82640 1.74606	3.492
17 Demeton-S	12.126	12.124 (0.645)	4659 0.19716	0.3943(R)
18 Dimethoate	13.293	13.282 (0.707)	111893 1.76395	3.528(R)
19 Ronnel	13.581	13.587 (0.722)	82635 1.93539	3.871
20 Merphos-A (Merphos)	Compound Not Detected.			
21 Chlorpyrifos	14.403	14.409 (0.766)	92299 2.13130	4.263(R)
22 Fenthion	14.656	14.662 (0.779)	74093 1.84464	3.689

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
	23 Trichloronate	14.701	14.711	(0.782)	116944	2.09827	4.196
	24 Anilazine	Compound Not Detected.					
	25 Methyl Parathion	15.513	15.519	(0.825)	84474	1.94803	3.896
	26 Malathion	15.720	15.724	(0.836)	73405	1.80697	3.614
	27 Tokuthion	16.340	16.344	(0.869)	95627	2.01051	4.021
	28 Parathion	16.488	16.494	(0.876)	91730	2.14675	4.294
	29 Merphos-B (Merphos Oxone)	16.518	16.517	(1.485)	110445	8.27508	16.55(A)
	30 Tetrachlorvinphos (stirophos)	16.973	16.977	(0.902)	59939	2.16849	4.337
	31 Carbophenothion methyl	Compound Not Detected.					
	32 Bolstar	17.436	17.440	(0.927)	96331	2.30830	4.617
	33 Carbophenothion	17.520	17.524	(0.931)	88973	2.16814	4.336(A)
$	34 Triphenyl phosphate	18.276	18.281	(0.972)	30836	0.91571	1.831
	35 Fensulfothion	18.558	18.559	(0.987)	65528	2.11933	4.239(R)
*	36 TOCP	18.811	18.816	(1.000)	67498	2.00000	
	37 Phosmet / EPN	18.905	18.909	(1.005)	136328	3.93342	7.867
	38 Famphur	19.005	19.011	(1.010)	86451	1.95276	3.906
	39 Azinphos-methyl	19.143	19.147	(1.018)	68162	1.68308	3.366
	40 Azinphos-ethyl	Compound Not Detected.					
	41 Coumaphos	20.340	20.347	(1.081)	58263	1.96465	3.929
S	42 Merphos				110445	1.96335	3.927
M	43 Total Demeton				89246	2.13021	4.260(R)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 012F1201.D
Lab Smp Id: LFTN31AD
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702092.B\8141A-2.m
Misc Info:

Calibration Date: 02-JUL-2009
Calibration Time: 18:33
Client Smp ID: LCSD
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	114231	57116	228462	121723	6.56
36 TOCP	56306	28153	112612	67498	19.88

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.13	10.63	11.63	11.12	-0.05
36 TOCP	18.82	18.32	19.32	18.81	-0.02

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name: Client SDG: D9F290000
Sample Matrix: LIQUID Fraction: SV
Lab Smp Id: LFTN31AD Client Smp ID: LCSD
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: LCSD
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702092.B\8141A-2.m
Misc Info:

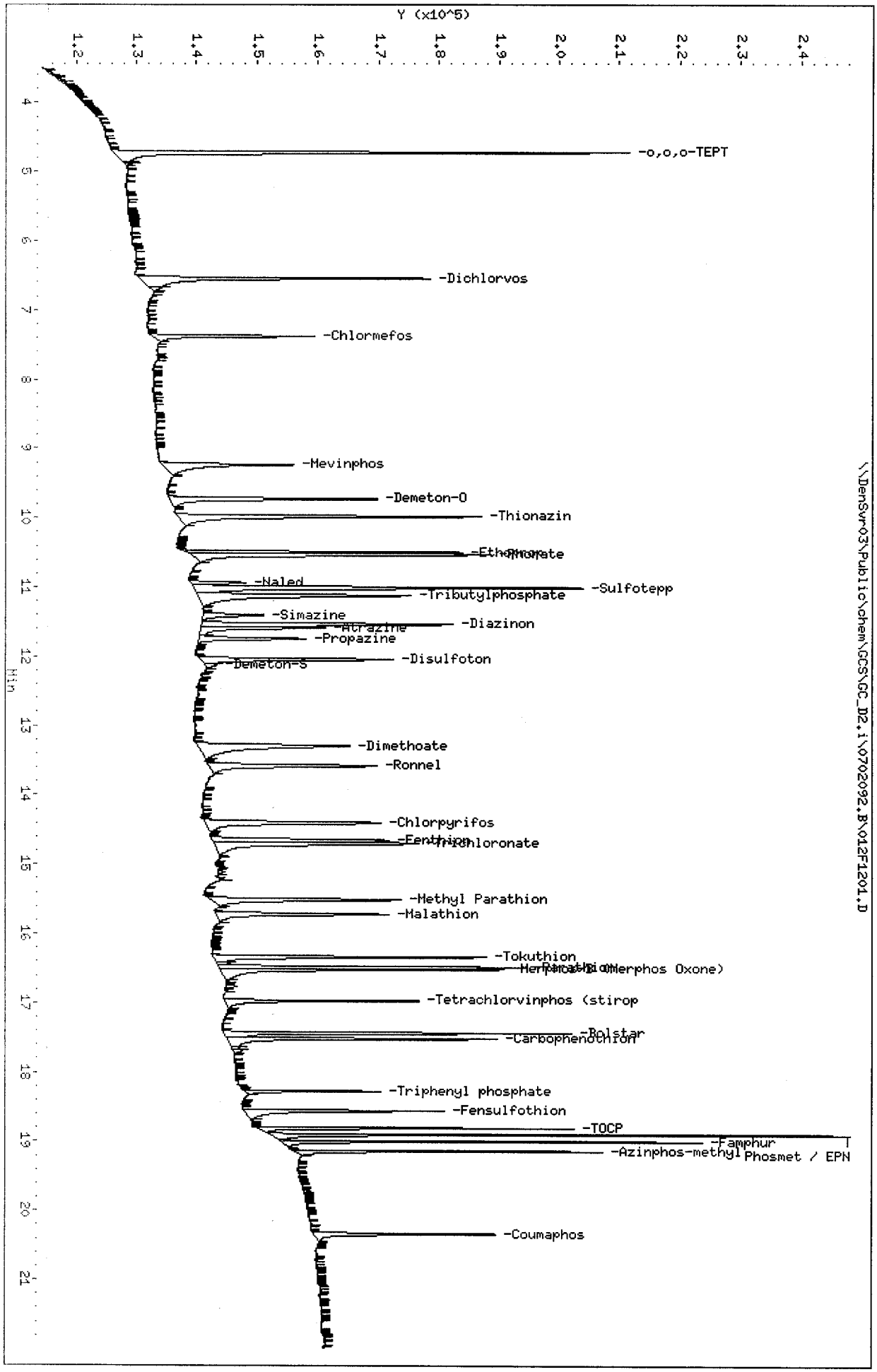
	SPIKE	COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
	1	o,o,o-TEPT	4.000	4.364	109.09	36-119
	2	Dichlorvos	4.000	3.518	87.94	50-120
$	3	Chlormefos	2.000	1.624	81.18	58-114
	4	Mevinphos	4.000	3.152	78.79	35-108
	5	Demeton-O	2.800	3.866	138.08*	36-119
	6	Thionazin	4.000	3.849	96.22	65-116
	7	Ethoprop	4.000	3.339	83.47	36-119
	8	Phorate	4.000	4.260	106.51	36-119
	9	Naled	4.000	2.940	73.50	36-119
	10	Sulfotepp	4.000	3.628	90.71	36-119
	12	Simazine	4.000	4.241	106.03	36-119
	13	Diazinon	4.000	4.279	106.98	36-119
	14	Atrazine	4.000	4.302	107.56	36-119
	15	Propazine	4.000	4.008	100.20	36-119
	16	Disulfoton	4.000	3.492	87.30	61-103
	17	Demeton-S	1.200	0.3943	32.86*	36-119
	18	Dimethoate	4.000	3.528	88.20*	28-82
	19	Ronnel	4.000	3.871	96.77	62-99
	21	Chlorpyrifos	4.000	4.263	106.57*	66-101
	22	Fenthion	4.000	3.689	92.23	36-119
	23	Trichloronate	4.000	4.196	104.91	36-119
	24	Anilazine	4.000	0.0000	*	36-119
	25	Methyl Parathion	4.000	3.896	97.40	36-119
	26	Malathion	4.000	3.614	90.35	36-119
	27	Tokuthion	4.000	4.021	100.53	36-119
	28	Parathion	4.000	4.294	107.34	36-119
	30	Tetrachlorvinphos	4.000	4.337	108.42	36-119
	31	Carbophenothion m	4.000	0.0000	*	36-119
	32	Bolstar	4.000	4.617	115.42	36-119
	33	Carbophenothion	4.000	4.336	108.41	36-119
$	34	Triphenyl phosphat	2.000	1.831	91.57	36-119
	35	Fensulfothion	4.000	4.239	105.97*	20-105
	37	Phosmet / EPN	8.000	7.867	98.34	36-119
	38	Famphur	4.000	3.906	97.64	61-108
	39	Azinphos-methyl	4.000	3.366	84.15	55-103
	40	Azinphos-ethyl	4.000	0.0000	*	36-119
	41	Coumaphos	4.000	3.929	98.23	36-119
S	42	Merphos	4.000	3.927	98.17	36-119
M	43	Total Demeton	4.000	4.260	106.51*	47-100

TestAmerica

RECOVERY REPORT

Client Name: Client SDG: D9F290000
Sample Matrix: LIQUID Fraction: SV
Lab Smp Id: LFTN31AD Client Smp ID: LCSD
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: LCSD
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702092.B\8141A-2.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 3 Chlormefos	2.000	1.624	81.18	48-114
$ 34 Triphenyl phosphat	2.000	1.831	91.57	50-150



Data File: \\DenSvr03\Public\chem\GCS\GC_D2,i\0702092,B\012F1201.D
Date : 02-JUL-2009 22:39
Client ID: LCSD
Sample Info: LFTN31AD,LCSD
Column phase: RTx-OPPest

Instrument: GC_D2,i
Operator: MPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0702091.B\012F1201.D
Lab Smp Id: LFTN31AD Client Smp ID: LCSD
Inj Date : 02-JUL-2009 22:39
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LFTN31AD,LCSD
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0702091.B\8141A-1.m
Meth Date : 07-Jul-2009 19:05 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 12 QC Sample: LCSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Vs	1000.000	Volume of Sample extracted (mL)
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
	1 o,o,o-TEPT	3.261	3.254	(0.183)	222305	2.04147	4.083
	2 Dichlorvos	4.084	4.074	(0.229)	130033	1.92298	3.846
	3 Mevinphos	5.726	5.739	(0.321)	2862	0.07705	0.1541(R)
$	4 Chlormefos	5.844	5.836	(0.327)	95989	1.13358	2.267
	5 Thionazin	7.523	7.507	(0.421)	144289	1.86714	3.734
	6 Demeton-O	7.661	7.649	(0.429)	124869	1.71298	3.426(R)
	7 Ethoprop	7.876	7.852	(0.441)	154197	2.27697	4.554(R)
	8 Naled	8.079	8.057	(0.452)	31692	1.92355	3.847
*	9 Tributylphosphate	8.161	8.135	(1.000)	150556	2.00000	
	10 Sulfotepp	8.454	8.442	(0.473)	184153	1.88618	3.772
	11 Phorate	8.546	8.532	(0.479)	153734	2.19205	4.384(R)
	12 Dimethoate	8.734	8.730	(0.489)	109253	1.34101	2.682
	13 Demeton-S	8.878	8.846	(0.497)	25264	0.42765	0.8553
	14 Simazine	8.951	8.924	(0.501)	68718	2.51092	5.022(R)
	15 Atrazine	9.114	9.094	(0.510)	65721	2.08042	4.161
	16 propazine	9.258	9.241	(0.518)	60576	2.07822	4.156
	17 Disulfoton	9.884	9.869	(0.554)	67080	1.39696	2.794
	18 Diazinon	9.918	9.902	(0.555)	158716	2.10677	4.214
	19 Methyl Parathion	10.736	10.717	(0.601)	102602	2.14749	4.295
	20 Ronnel	11.256	11.241	(0.630)	86000	1.74134	3.483
	21 Malathion	11.828	11.804	(0.662)	73399	1.61837	3.237
	22 Fenthion	11.953	11.932	(0.669)	84774	1.74550	3.491

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
23	Parathion	12.043	12.019	(0.674)	97759	1.89133	3.783
24	Chlorpyrifos	12.086	12.067	(0.677)	129122	2.06478	4.130
25	Trichloronate	12.513	12.496	(0.701)	103745	1.85621	3.712
26	Anilazine	12.848	12.817	(0.720)	9753	2.07930	4.158
27	Merphos-A (Merphos)	13.208	13.199	(0.740)	104	0.00223	0.004460
28	Tetrachlorvinphos (Stirophos)	13.859	13.824	(0.776)	54585	1.76127	3.522
29	Tokuthion	14.473	14.449	(0.811)	108136	2.01830	4.037
30	Merphos-B (Merphos Oxone)	14.676	14.651	(0.822)	106121	8.43549	16.87(A)
31	Carbophenothion-methyl	Compound Not Detected.					
32	Fensulfothion	Compound Not Detected.					
33	Bolstar / Famphur	16.071	16.053	(0.900)	200626	3.91417	7.828
34	Carbophenothion	16.211	16.197	(0.908)	96333	1.87340	3.747
$ 35	Triphenyl phosphate	16.728	16.712	(0.937)	34472	0.88216	1.764
36	Phosmet	16.983	16.963	(0.951)	67024	1.52281	3.046
37	EPN	17.163	17.151	(0.961)	89299	2.12246	4.245
38	Azinphos-methyl	17.499	17.480	(0.980)	70777	1.50910	3.018
* 39	TOCP	17.856	17.846	(1.000)	77291	2.00000	
40	Azinphos-ethyl	Compound Not Detected.					
41	Coumaphos	18.386	18.366	(1.030)	67132	1.77467	3.549
S 42	Merphos				106225	1.80369	3.607
M 43	Total Demeton				150133	2.14063	4.281

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 012F1201.D
Lab Smp Id: LFTN31AD
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 02-JUL-2009
Calibration Time: 18:33
Client Smp ID: LCSD
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	101049	50525	202098	150556	48.99
39 TOCP	61896	30948	123792	77291	24.87

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.15	7.65	8.65	8.16	0.16
39 TOCP	17.85	17.35	18.35	17.86	0.06

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name: Client SDG: D9F290000
Sample Matrix: LIQUID Fraction: SV
Lab Smp Id: LFTN31AD Client Smp ID: LCSD
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: LCSD
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702091.B\8141A-1.m
Misc Info: IS - GSV0633-09

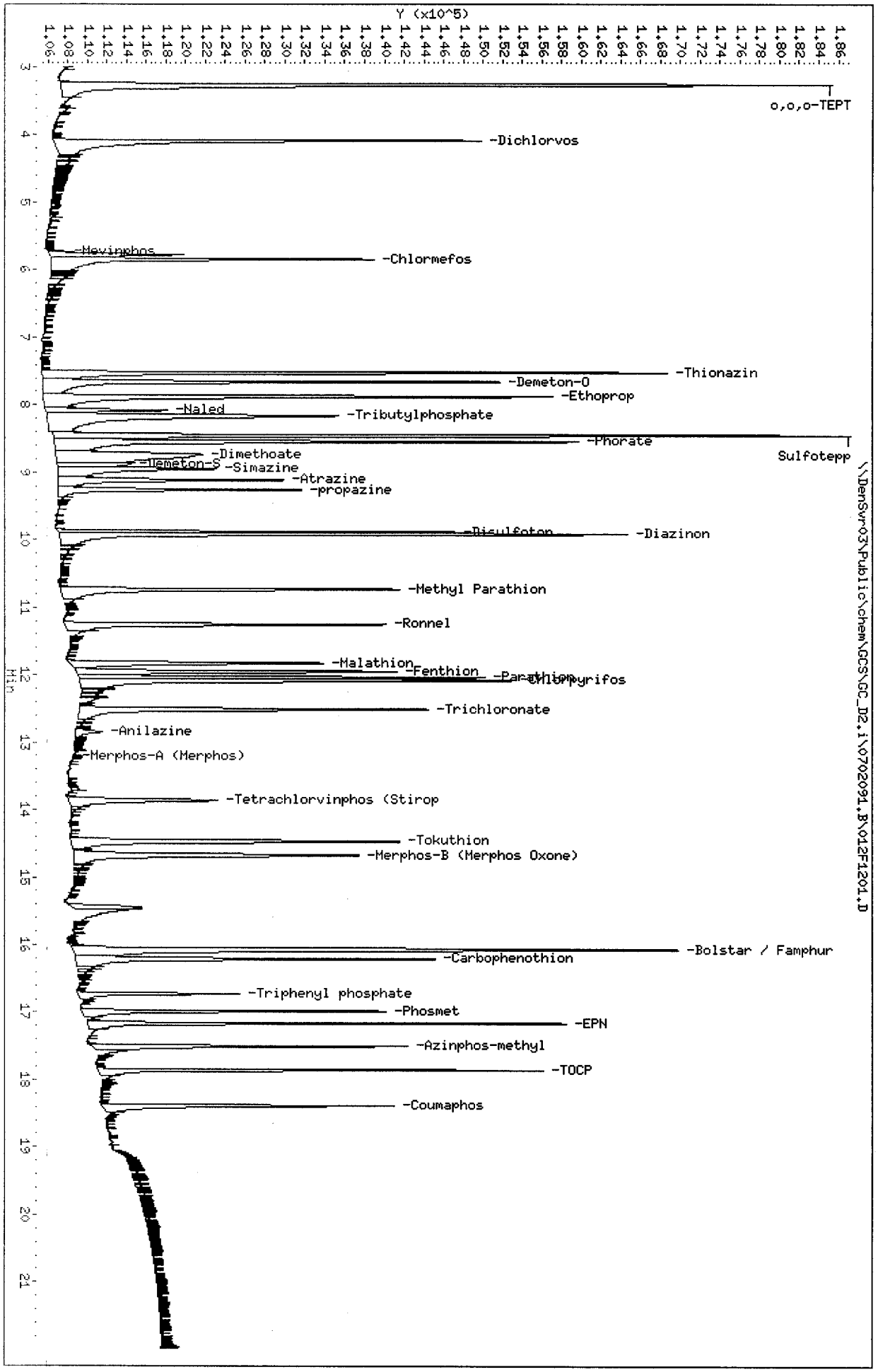
	SPIKE	COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
	1	o,o,o-TEPT	4.000	4.083	102.07	36-119
	2	Dichlorvos	4.000	3.846	96.15	50-120
	3	Mevinphos	4.000	0.1541	3.85*	35-108
$	4	Chlormefos	2.000	2.267	113.36	48-114
	5	Thionazin	4.000	3.734	93.36	65-116
	6	Demeton-O	2.792	3.426	122.71*	36-119
	7	Ethoprop	4.000	4.554	113.85*	65-108
	8	Naled	4.000	3.847	96.18	36-119
	10	Sulfotepp	4.000	3.772	94.31	69-103
	11	Phorate	4.000	4.384	109.60*	62-104
	12	Dimethoate	4.000	2.682	67.05	28-115
	13	Demeton-S	1.208	0.8553	70.80	36-119
	14	Simazine	4.000	5.022	125.55*	47-109
	15	Atrazine	4.000	4.161	104.02	36-119
	16	propazine	4.000	4.156	103.91	36-119
	18	Diazinon	4.000	4.214	105.34	36-119
	17	Disulfoton	4.000	2.794	69.85	36-119
	19	Methyl Parathion	4.000	4.295	107.37	68-119
	20	Ronnel	4.000	3.483	87.07	62-115
	21	Malathion	4.000	3.237	80.92	67-115
	22	Fenthion	4.000	3.491	87.27	36-119
	23	Parathion	4.000	3.783	94.57	36-119
	24	Chlorpyrifos	4.000	4.130	103.24	36-119
	25	Trichloronate	4.000	3.712	92.81	36-119
	26	Anilazine	4.000	4.158	103.96	47-115
S	42	Merphos	4.000	3.607	90.18	36-119
	28	Tetrachlorvinphos	4.000	3.522	88.06	36-119
	29	Tokuthion	4.000	4.037	100.92	36-119
	31	Carbophenothion-m	4.000	0.0000	*	36-119
	32	Fensulfothion	4.000	0.0000	*	61-115
	33	Bolstar / Famphur	8.000	7.828	97.85	36-119
	34	Carbophenothion	4.000	3.747	93.67	36-119
$	35	Triphenyl phosphat	2.000	1.764	88.22	50-150
	36	Phosmet	4.000	3.046	76.14	36-119
	37	EPN	4.000	4.245	106.12	36-119
	38	Azinphos-methyl	4.000	3.018	75.46	55-115
	40	Azinphos-ethyl	4.000	0.0000	*	36-119
	41	Coumaphos	4.000	3.549	88.73	62-115
M	43	Total Demeton	4.000	4.281	107.03	47-115

TestAmerica

RECOVERY REPORT

Client Name: Client SDG: D9F290000
Sample Matrix: LIQUID Fraction: SV
Lab Smp Id: LFTN31AD Client Smp ID: LCSD
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: LCSD
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702091.B\8141A-1.m
Misc Info: IS - GSV0633-09

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 4 Chlormefos	2.000	2.267	113.36	48-114
$ 35 Triphenyl phosphat	2.000	1.764	88.22	50-150



Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702091.B\012F1201.D
Date : 02-JUL-2009 22:39
Client ID: LCSD
Sample Info: LFTN31AD,LCSD
Column phase: RTx-1MS

Instrument: GC_D2.i
Operator: HPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0702092.B\013F1301.D
Lab Smp Id: LFQ0D1AA Client Smp ID: EB062609-SO
Inj Date : 02-JUL-2009 23:06
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LFQ0D1AA,150-1
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0702092.B\8141A-2.m
Meth Date : 07-Jul-2009 18:51 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Vs	1054.000	Volume of Sample Extracted (mL)
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
1	o,o,o-TEPT	Compound Not Detected.					
2	Dichlorvos	Compound Not Detected.					
$ 3	Chlormefos	7.380	7.384	(0.392)	27310	0.37454	0.7107(R)
4	Mevinphos	Compound Not Detected.					
5	Demeton-O	Compound Not Detected.					
6	Thionazin	Compound Not Detected.					
7	Ethoprop	Compound Not Detected.					
8	Phorate	Compound Not Detected.					
9	Naled	10.903	10.939	(0.579)	64	0.27237	0.5168 E
10	Sulfotepp	11.038	11.017	(0.587)	89	9e-004	0.001771(aA)
* 11	Tributylphosphate	11.145	11.116	(1.000)	91695	2.00000	
12	Simazine	11.442	11.399	(0.608)	288	0.02109	0.04001(aA)
13	Diazinon	Compound Not Detected.					
14	Atrazine	11.590	11.584	(0.616)	78	0.23502	0.4460(aA)
15	Propazine	Compound Not Detected.					
16	Disulfoton	Compound Not Detected.					
17	Demeton-S	12.135	12.124	(0.645)	50	0.11987	0.2275 NC
18	Dimethoate	Compound Not Detected.					
19	Ronnel	Compound Not Detected.					
20	Merphos-A (Merphos)	13.688	13.689	(1.228)	142	0.00427	0.008109(aA)
21	Chlorpyrifos	Compound Not Detected.					
22	Fenthion	Compound Not Detected.					

		Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
	23	Trichloronate	14.708	14.711	(0.782)	51	0.10608	0.2013
	24	Anilazine	Compound Not Detected.					
	25	Methyl Parathion	Compound Not Detected.					
	26	Malathion	15.725	15.724	(0.836)	70	0.00162	0.003077(a)
	27	Tokuthion	Compound Not Detected.					
	28	Parathion	16.502	16.494	(0.877)	77	0.00170	0.003218(a)
	29	Merphos-B (Merphos Oxone)	Compound Not Detected.					
	30	Tetrachlorvinphos (stirophos)	Compound Not Detected.					
	31	Carbophenothion methyl	Compound Not Detected.					
	32	Bolstar	Compound Not Detected.					
	33	Carbophenothion	Compound Not Detected.					
$	34	Triphenyl phosphate	18.287	18.281	(0.972)	16353	0.45705	0.8673(R)
	35	Fensulfothion	Compound Not Detected.					
*	36	TOCP	18.817	18.816	(1.000)	71718	2.00000	
	37	Phosmet / EPN	Compound Not Detected.					
	38	Famphur	Compound Not Detected.					
	39	Azinphos-methyl	Compound Not Detected.					
	40	Azinphos-ethyl	Compound Not Detected.					
	41	Coumaphos	Compound Not Detected.					
S	42	Merphos	Compound Not Detected.					
M	43	Total Demeton				50	0.11987	0.2275

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 013F1301.D
Lab Smp Id: LFQ0D1AA
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702092.B\8141A-2.m
Misc Info:

Calibration Date: 02-JUL-2009
Calibration Time: 18:33
Client Smp ID: EB062609-SO
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	114231	57116	228462	91695	-19.73
36 TOCP	56306	28153	112612	71718	27.37

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.13	10.63	11.63	11.15	0.17
36 TOCP	18.82	18.32	19.32	18.82	0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name: Northgate Environmen27-JUN-2009 00:00 Client SDG: D9F2701
Sample Matrix: LIQUID Fraction: SV
Lab Smp Id: LFQ0D1AA Client Smp ID: EB062609-SO
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: SAMPLE
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702092.B\8141A-2.m
Misc Info:

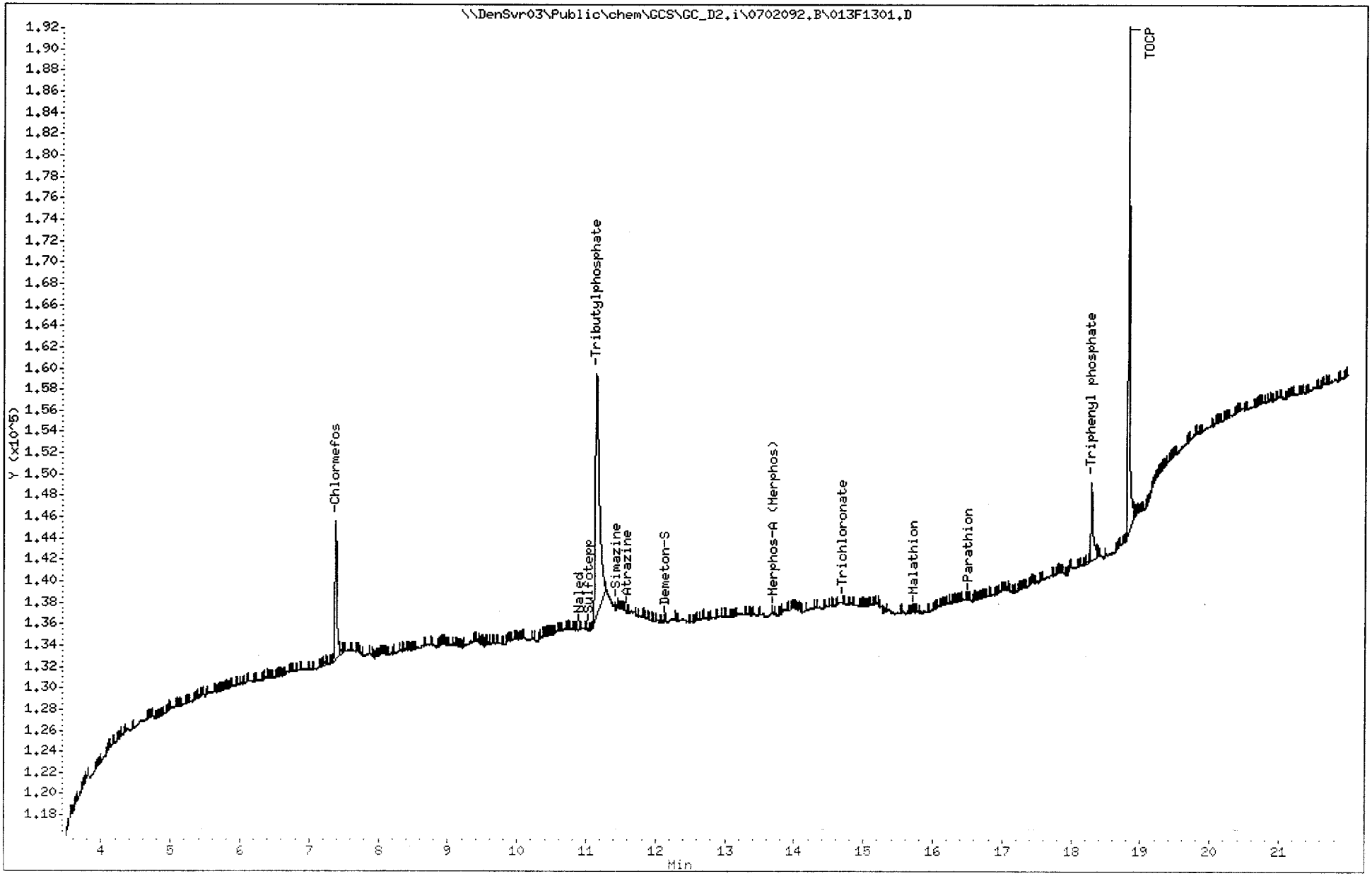
SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 3 Chlormefos	1.898	0.7107	37.45*	48-114
$ 34 Triphenyl phosphat	1.898	0.8673	45.70*	50-150

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702092.B\013F1301.D
Date : 02-JUL-2009 23:06
Client ID: EB062609-SO
Sample Info: LFQ0D1AA,150-1

Instrument: GC_D2.i

Operator: MPK/TLW
Column diameter: 0.32

Column phase: RTx-OPPest



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0702091.B\013F1301.D
Lab Smp Id: LFQ0D1AA Client Smp ID: EB062609-SO
Inj Date : 02-JUL-2009 23:06
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LFQ0D1AA,150-1
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0702091.B\8141A-1.m
Meth Date : 07-Jul-2009 19:05 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Vs	1054.000	Volume of Sample extracted (mL)
Cpnd Variable		Local Compound Variable

		Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
	1	o,o,o-TEPT	Compound Not Detected.					
	2	Dichlorvos	Compound Not Detected.					
	3	Mevinphos	Compound Not Detected.					
$	4	Chlormefos	5.835	5.836	(0.327)	27126	0.31410	0.5960(R)
	5	Thionazin	Compound Not Detected.					
	6	Demeton-O	Compound Not Detected.					
	7	Ethoprop	Compound Not Detected.					
	8	Naled	8.035	8.057	(0.450)	53	0.19549	0.3709
*	9	Tributylphosphate	8.090	8.135	(1.000)	94	2.00000	
	10	Sulfotepp	Compound Not Detected.					
	11	Phorate	Compound Not Detected.					
	12	Dimethoate	Compound Not Detected.					
	13	Demeton-S	Compound Not Detected.					
	14	Simazine	Compound Not Detected.					
	15	Atrazine	Compound Not Detected.					
	16	propazine	Compound Not Detected.					
	17	Disulfoton	Compound Not Detected.					
	18	Diazinon	Compound Not Detected.					
	19	Methyl Parathion	Compound Not Detected.					
	20	Ronnel	Compound Not Detected.					
	21	Malathion	Compound Not Detected.					
	22	Fenthion	Compound Not Detected.					

		Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
	23	Parathion	Compound Not Detected.					
	24	Chlorpyrifos	12.075	12.067	(0.676)	74	0.00116	0.002202(a)
	25	Trichloronate	Compound Not Detected.					
	26	Anilazine	Compound Not Detected.					
	27	Merphos-A (Merphos)	13.211	13.199	(0.740)	78	0.00164	0.003112
	28	Tetrachlorvinphos (Stirophos)	13.891	13.824	(0.778)	74	0.00234	0.004442
	29	Tokuthion	Compound Not Detected.					
	30	Merphos-B (Merphos Oxone)	14.675	14.651	(0.822)	60	0.02555	0.04848
	31	Carbophenothion-methyl	Compound Not Detected.					
	32	Fensulfothion	Compound Not Detected.					
	33	Bolstar / Famphur	Compound Not Detected.					
	34	Carbophenothion	Compound Not Detected.					
$	35	Triphenyl phosphate	16.736	16.712	(0.938)	11618	0.29152	0.5532(R)
	36	Phosmet	Compound Not Detected.					
	37	EPN	Compound Not Detected.					
	38	Azinphos-methyl	Compound Not Detected.					
*	39	TOCP	17.851	17.846	(1.000)	78827	2.00000	
	40	Azinphos-ethyl	Compound Not Detected.					
	41	Coumaphos	Compound Not Detected.					
S	42	Merphos				138	0.00230	0.004360
M	43	Total Demeton	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 013F1301.D
Lab Smp Id: LFQ0D1AA
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Calibration Date: 02-JUL-2009
Calibration Time: 18:33
Client Smp ID: EB062609-SO
Level: LOW
Sample Type: WATER
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702091.B\8141A-1.m
Misc Info: IS - GSV0633-09

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	101049	50525	202098	94	-99.91
39 TOCP	61896	30948	123792	78827	27.35

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.15	7.65	8.65	8.09	-0.72
39 TOCP	17.85	17.35	18.35	17.85	0.04

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name: Northgate Environmen27-JUN-2009 00:00 Client SDG: D9F2701
Sample Matrix: LIQUID Fraction: SV
Lab Smp Id: LFQ0D1AA Client Smp ID: EB062609-SO
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: SAMPLE
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702091.B\8141A-1.m
Misc Info: IS - GSV0633-09

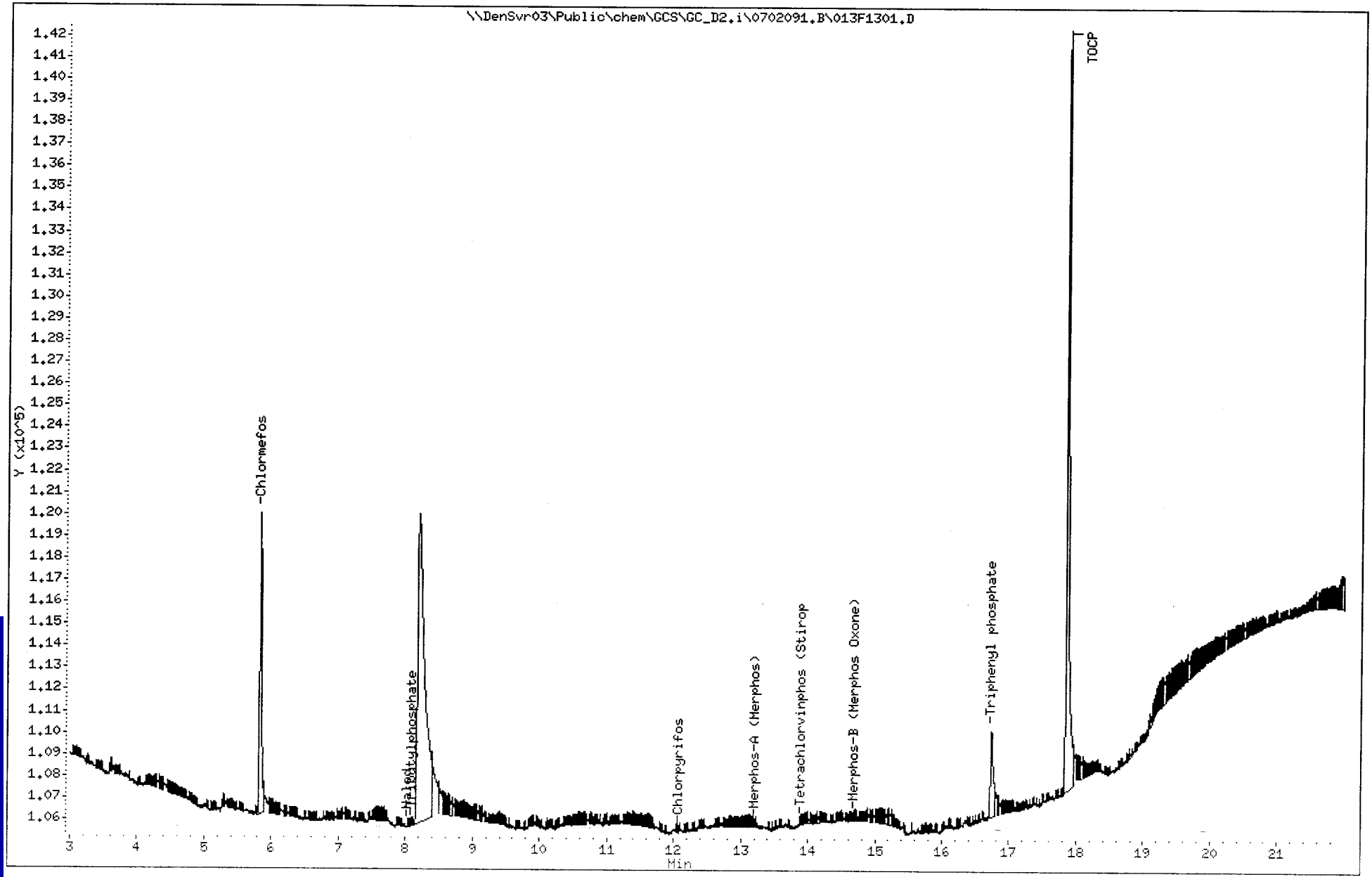
SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 4 Chlormefos	1.898	0.5960	31.41*	48-114
$ 35 Triphenyl phosphat	1.898	0.5532	29.15*	50-150

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0702091.B\013F1301.D
Date : 02-JUL-2009 23:06
Client ID: EB062609-SO
Sample Info: LFQ0D1AA,150-1

Column phase: RTx-1MS

Instrument: GC_D2.i

Operator: MPK/TLW
Column diameter: 0.32



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GC SEMIVOLATILE
INITIAL CALIBRATION DATA

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

GC and HPLC ICAL Review Checklist

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

608 8081 8082 8151 8141
TPH/DRO Other SV 8014
8310 8330 Other HPLC

601 602 8021 BTEX
TPH/GRO Other Volatile GC

Calibration Date: 062609
Instrument ID: D2

Review Items	--- Level 1 --- Yes	No	N/A	Level 2	Comments
Initial Calibration					
1. Are correct data files used?	✓			✓	
2. Is there a sufficient number of calibration points used?	✓			✓	
3. Are reasons for removal of points documented?	✓			✓	Better linearity
4. Is linearity acceptable, 8000 Series: linear least-squares regression with $r \geq 0.990$, (DOD projects require $r \geq 0.995$) quadratic fit COD $r^2 > 0.990$, or average response factors with RSD ≤ 20%? 600 Series: < 10% RSD or linear regression	✓			✓	
5. Are the correct RT windows applied to the ICAL integration?	✓			✓	
6. Are DDT & Endrin breakdown < 15%?			✓	NA	
7. Is each manual integration completely documented, signed and appropriate?	✓			✓	
8. Is traceability of standards properly documented?	✓			✓	
9. Was second level hand calculation performed? (document analyte checked)	-----	-----	-----	✓	
10. Was second-source ICV performed & recovery 85-115%? 6/30/09	X	✓		✓	Primary Include %R Naled -40.1%, Simazine +31.1%, Disulfoton -20.6% Malathion -18.8%, Anilazine -49.2%, Carbophenothion-methyl -32.3%, Phosmet -17.6% Secondary Include %R Naled -47.6%, Simazine +80.1%, Anilazine -39.9%, Malathion -23.2%, Carbophenothion-methyl -37.7%, Merphos -19.3%

1st Level Reviewer: [signature] Date: 6/30/09
2nd Level Reviewer: [signature] Date: 6/30/09

E\062609.S

Sequence Table (Front Injector):

Quantification Part:

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
1	Vial 1	PRIMER				
2	Vial 2	HEXANE				
3	Vial 3	OPP L7 GSV0634				
4	Vial 4	OPP L6 GSV0637				
5	Vial 5	OPP L5 GSV0635				
6	Vial 6	OPP L4 GSV0638				
7	Vial 7	OPP L3 GSV0639				
8	Vial 8	OPP L2 GSV0640				
9	Vial 9	OPP L1 GSV0641				
10	Vial 10	OPP SS GSV0633				
11	Vial 11	GSV075309 SPK				
12	Vial 12	LE2931AA,MB				
13	Vial 13	LE2931AC,LCS				
14	Vial 14	LE2931AD,LCSD				
15	Vial 15	LEQA91AC,222-15				10
16	Vial 16	LEQA91AC,222-15				3
17	Vial 17	LEQCQ1AC,222-18				2
18	Vial 18	LERD61AD,377-1				
19	Vial 19	LERD81AH,377-3				
20	Vial 20	LERN71AF,115-1				
21	Vial 21	LERPQ1AF,115-2				
22	Vial 22	LERPX1AF,115-3				
23	Vial 23	LE1F91AJ,138-1				
24	Vial 24	OPP L5 GSV0635				
25	Vial 25	LE29M1AA,MB				
26	Vial 26	LE29M1AC,LCS				
27	Vial 27	LE29M1AD,LCSD				
28	Vial 28	LEQA91AA,222-15				10
29	Vial 29	LEQA91AA,222-15				3
30	Vial 30	LEQCQ1AA,222-18				2
31	Vial 31	LFARC1AA,MB				
32	Vial 32	LFARC1AC,LCS				
33	Vial 33	LFARC1AD,LCSD				
34	Vial 34	LEKL02AA,185-1				
35	Vial 35	LE29L1AA,MB				
36	Vial 36	LE29L1AC,LCS				
37	Vial 37	LE29L1AD,LCSD				
38	Vial 38	LERCV1AA,370-1				
39	Vial 39	LEWJG1AA,143-1				
40	Vial 40	OPP L5 GSV0635				
41	Vial 41	LE5PX1AA,MB				
42	Vial 42	LE5PX1AC,LCS				
43	Vial 43	LE5PX1AD,LCSD				
44	Vial 44	LE39F1AA,179-1				
45	Vial 45	LE3PF1AA,179-2				
46	Vial 46	LE39L1AA,179-3				
47	Vial 47	LFARL1AA,MB				
48	Vial 48	LFARL1AC,LCS				
49	Vial 49	LFARL1AD,LCSD				
50	Vial 50	LEKLE2AE,180-2				
51	Vial 51	LEKLF2AE,180-3				
52	Vial 52	LEKLL2AE,180-4				
53	Vial 53	LEKLQ2AE,180-5				
54	Vial 54	LENR72AD,322-1				
55	Vial 55	LEPG32AJ,161-1				
56	Vial 56	OPP L5 GSV0635				
57	Vial 57	LFD4N1AA,MB				
58	Vial 58	LFD4N1AC,LCS				

9168144

9168147

9170431

9168145

RR

9168553

9170430

9173102

D2 6/26/2009 11:59:30 AM MPK/TLW

E\062609.S

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
59	Vial 59	LFD4N1AD,LCSD				
60	Vial 60	LE3041AJ,158-1				
61	Vial 61	LFD4W1AA,MB				
62	Vial 62	LFD4W1AC,LCS				
63	Vial 63	LFD4W1AD,LCSD				
64	Vial 64	LE7EE1AA,266-2				
65	Vial 65	LE9Q61AA,216-2				
66	Vial 66	LE9RA1AA,216-3				
67	Vial 67	LFC4Q1AD,199-2				
68	Vial 68	OPP L5 GSV0635				
69	Vial 69	LFAN01AA,MB				
70	Vial 70	LFAN01AC,LCS				
71	Vial 71	LFAN01AD,LCSD				
72	Vial 72	LE4291AA,273-1				
73	Vial 73	LE4291AD,273-1S				
74	Vial 74	LE4291AE,273-1D				
75	Vial 75	LE9PJ1AA,215-1				
76	Vial 76	OPP L5 GSV0635				
77	Vial 77	OPP L1 GSV0641				
78	Vial 100	HEXANE/ACETONE				

9173103

9170419

Sequence Table (Back Injector):

No entries - empty table!

Report Date : 30-Jun-2009 12:45 Page 1

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Calibration File Names:
Level 1: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\009F0901.D
Level 2: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\008F0801.D
Level 3: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\007F0701.D
Level 4: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\006F0601.D
Level 5: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\005F0501.D
Level 6: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\004F0401.D
Level 7: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\003F0301.D

SEE CALIBRATION HISTORY

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
1 o,o,o-TEPT	3.11591	2.63737	2.67945	2.89676	2.71623	2.90430					
	2.77446						AVRG		2.81778		5.91149
2 Dichlorvos	2.01706	1.62225	1.58545	1.76366	1.71981	1.74982					
	1.79032						AVRG		1.74977		7.99554
3 Mevinphos	1.01774	0.91295	0.90158	1.01760	0.95159	0.98250					
	0.94429						AVRG		0.96118		4.85992
5 Thionazin	2.12707	1.94606	1.94866	2.08214	1.96051	2.00095					
	1.93224						AVRG		1.99966		3.79706

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
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Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	5.0000 Level 7											
6 Demeton-O	9836	17553	30145	62341	96004	113108						1/x
	165003						WLINR	-0.01288	1.85831		0.99594	
7 Ethoprop	1.93480	1.70823	1.62324	1.73203	1.74110	1.78272						
	1.74432						AVRG		1.75235		5.38512	
8 Naled	1992	6103	15042	36940	67594	90892						
	121152						WLINR	0.09632	0.47378		0.98961	<- 1/x r=0.995
10 Sulfotepp	34658	70885	131347	259970	393078	486417						1/x
	609341						WLINR	-0.03469	2.43674		0.99856	
11 Phorate	2.02801	1.82946	1.73796	1.82370	1.76374	1.79146						
	1.72902						AVRG		1.81476		5.60901	
12 Dimethoate	1.89561	1.76866	2.07434	2.25696	2.23554	2.30994						
	2.21598						AVRG		2.10815		9.72697	
13 Demeton-S	1.49306	1.46224	1.49173	1.58543	1.55216	1.58919						
	1.52702						AVRG		1.52869		3.21407	

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	5.0000 Level 7											
14 Simazine	4819	16248	29382	64611	115426	147784						1/x2
	190219						WLINR	0.03988	0.73140		0.99336	
15 Atrazine	0.70185	0.76532	0.75073	0.84628	0.85434	0.90844						
	0.89508						AVRG		0.81743		9.61085	
16 propazine	0.73887	0.70136	0.69239	0.78178	0.75651	0.81417						
	0.79462						AVRG		0.75424		6.13423	
17 Disulfoton	15404	33208	61920	127893	193050	247845						1/x
	290419						WLINR	-0.01928	1.20917		0.99576	
18 Diazinon	2.20234	1.83553	1.83772	2.01856	1.98676	1.84115						
	1.92388						AVRG		1.94942		6.88114	
19 Methyl Parathion	1.22644	1.10389	1.13741	1.32395	1.30344	1.29686						
	1.26213						AVRG		1.23630		6.92144	
20 Ronnel	1.42863	1.23369	1.21320	1.29342	1.24446	1.34650						
	1.18584						AVRG		1.27796		6.65504	

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
21 Malathion	15443	30581	57103	119836	186013	228260					
	283462						WLINR	-0.02066	1.14436		0.99783
22 Fenthion	1.46442	1.18458	1.16481	1.29096	1.25584	1.25506					
	1.18151						AVRG		1.25674		8.19381
23 Parathion	1.42438	1.25387	1.23322	1.38998	1.36308	1.38514					
	1.31279						AVRG		1.33749		5.43501
24 Chlorpyrifos	1.85614	1.56747	1.47379	1.62915	1.61527	1.62330					
	1.56216						AVRG		1.61818		7.28314
25 Trichloronate	1.44751	1.42551	1.34762	1.48171	1.46256	1.52450					
	1.43428						AVRG		1.44624		3.78186
26 Anilazine	1493	2095	5311	12790	19893	29375					
	+++++						QUAD	0.02107	9.16488	-8.66056	0.99476
27 Merphos-A (Merphos)	1.24844	1.15527	1.15966	1.23989	1.21263	1.24409					
	1.18648						AVRG		1.20664		3.30523

1/x

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1 / 5.0000 Level 7	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
28 Tetrachlorvinphos (Stirophos)	0.76814	0.74606	0.73464	0.83451	0.85233	0.85150						
	0.82648						AVRG		0.80195		6.32809	
29 Tokuthion	1.50295	1.28283	1.29501	1.44234	1.39452	1.40891						
	1.37817						AVRG		1.38639		5.62055	
30 Merphos-B (Merphos Oxone)	3884	7933	11676	34113	50056	65974						NTC
	79809						WLINR	0.01044	0.32634		0.98820	<-See Merphos
31 Carbophenothion-methyl	14924	30542	55023	105577	167145	206137						1/x
	266724						WLINR	-0.03349	1.03813		0.99979	
32 Fensulfothion	8319	23000	51304	104440	185778	229856						1/x
	295978						WLINR	0.04728	1.18751		0.99821	
33 Bolstar / Famphur	1.54988	1.27794	1.32328	1.33835	1.27633	1.28540						
	1.23307						AVRG		1.32632		7.86825	
34 Carbophenothion	1.57916	1.19992	1.27687	1.32336	1.26122	1.41398						
	1.25966						AVRG		1.33059		9.63398	

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
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Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	5.0000 Level 7											
36 Phosmet	1.22087	1.01385	1.11032	1.20586	1.12340	1.16129						
	1.13672						AVRG		1.13890		6.04111	
37 EPN	9525	23196	48705	111165	171283	220388						$1/x^2$
	294020						WLINR	0.02456	1.11450		0.99317	
38 Azinphos-methyl	1.19565	1.13516	1.16767	1.28235	1.23551	1.26700						
	1.21185						AVRG		1.21360		4.33999	
40 Azinphos-ethyl	23154	43578	74071	134607	209971	253982						$1/x^2$
	318459						WLINR	-0.07409	1.26388		0.99928	
41 Coumaphos	1.00140	0.89806	0.92250	1.01947	1.01017	1.01013						
	0.99015						AVRG		0.97884		4.92558	
42 Merphos	1.61523	1.45962	1.38820	1.59026	1.52873	1.58626						
	1.49925						AVRG		1.52393		5.34513	
43 Total Demeton	1.94415	1.66775	1.60440	1.71838	1.66174	1.66727						
	1.68503						AVRG		1.70696		6.44185	

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INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
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Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
$ 4 Chlormefos	2.28223	2.03679	2.00000	2.26084	2.35620	2.24671					
	2.15521						AVRG		2.19114		6.04132
$ 35 Triphenyl phosphate	1.09980	0.99217	0.96977	1.05450	0.99627	1.00900					
	0.95665						AVRG		1.01117		4.94580

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INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
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Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Wt Linear	Amt = b + Rsp/m1	Response
Quad	Amt = b + m1*Rsp + m2*Rsp^2	Response

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Report Date: 30-Jun-2009 12:45

Calibration History

Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Start Cal Date: 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Last Cal Level: 1
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 0.20000		
26-JUN-2009 21:13	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\009F0901.D
Cal Level: 2 , Cal Amount: 0.50000		
26-JUN-2009 20:45	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\008F0801.D
Cal Level: 3 , Cal Amount: 1.00000		
26-JUN-2009 20:18	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\007F0701.D
Cal Level: 4 , Cal Amount: 2.00000		
26-JUN-2009 19:50	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\006F0601.D
Cal Level: 5 , Cal Amount: 3.00000		
26-JUN-2009 19:23	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\005F0501.D
Cal Level: 6 , Cal Amount: 4.00000		
26-JUN-2009 18:55	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\004F0401.D
Cal Level: 7 , Cal Amount: 5.00000		
26-JUN-2009 18:28	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\003F0301.D

Continuing Calibration

Cal Level Mode: GLOBAL LEVEL 4

26-JUN-2009 21:40	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\010F1001.D
26-JUN-2009 19:50	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\006F0601.D
26-JUN-2009 19:23	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\005F0501.D

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INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Calibration File Names:
Level 1: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\009F0901.D
Level 2: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\008F0801.D
Level 3: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\007F0701.D
Level 4: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\006F0601.D
Level 5: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\005F0501.D SEE CALIBRATION HISTORY
Level 6: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\004F0401.D
Level 7: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\003F0301.D

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	5.0000 Level 7	Curve	Coefficients b	m1	m2	%RSD or R^2
1 o,o,o-TEPT	2.92648	2.44243	2.35582	2.65851	2.57132	2.61478						
	2.53900							AVRG		2.58691		7.02274
2 Dichlorvos	1.96421	1.82228	1.84036	2.17503	2.12732	2.04712						
	2.16332							AVRG		2.01995		7.32345
4 Mevinphos	1.44354	1.24995	1.21811	1.44363	1.32123	1.40873						
	1.43954							AVRG		1.36067		7.12634
5 Demeton-O	1.19821	1.29971	1.18493	1.34261	1.38930	1.37760						
	1.28370							AVRG		1.29658		6.26552

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INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
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Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	5.0000 Level 7	Curve	Coefficients b	m1	m2	%RSD or R^2	
6 Thionazin	2.15838	1.84195	1.93751	1.98059	2.08762	2.20076							
	2.03673							AVRG		2.03479		6.19054	
7 Ethoprop	1.70034	1.41105	1.44674	1.51565	1.56615	1.54046							
	1.46268							AVRG		1.52044		6.33190	
8 Phorate	1.89356	1.60276	1.58391	1.69691	1.82591	1.99241							
	1.74661							AVRG		1.76315		8.53946	
9 Naled	94.00000	1666	10859	28010	46004	58330							1/x
	78857							WLINR	0.13436	0.49080		0.99248	
10 Sulfotepp	2.79835	2.53605	2.59328	2.75080	2.67397	2.68532							
	2.57687							AVRG		2.65923		3.59851	
12 Simazine	0.36415	0.34683	0.35351	0.38559	0.39087	0.41510							
	0.41001							AVRG		0.38086		7.05346	
13 Diazinon	12067	15923	49407	98649	155648	181790							1/x
	228810							WLINR	0.01456	1.44446		0.99190	

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Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	5.0000 Level 7											
14 Atrazine	5427	1231	21316	49088	85997	98759						
	128612						LINR	0.11621	0.83396		0.99221	
15 Propazine	4880	8102	20907	43235	72628	85745						1/x
	110050						WLINR	0.02910	0.68050		0.99492	
16 Disulfoton	1.39584	1.32983	1.36835	1.41433	1.46581	1.46415						
	1.37843						AVRG		1.40239		3.56764	
17 Demeton-S	667	15766	33785	70921	121463	157195						1/x
	175573						WLINR	0.05954	1.76807		0.99272	
18 Dimethoate	1.93513	1.88284	1.72920	1.81890	1.98388	1.88204						
	1.92489						AVRG		1.87955		4.46888	
19 Ronnel	1.49381	1.09752	1.14631	1.23377	1.29336	1.31702						
	1.27410						AVRG		1.26513		10.15653	
20 Merphos-A (Merphos)	0.73714	0.72841	0.76463	0.71117	0.75339	0.75359						
	0.62474						AVRG		0.72472		6.56840	

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Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
21 Chlorpyrifos	1.28253	1.15885	1.24944	1.20702	1.32365	1.38773					
	1.37311						AVRG		1.28319		6.60140
22 Fenthion	1.20874	1.15890	1.17283	1.16181	1.25398	1.18816					
	1.18668						AVRG		1.19016		2.76871
23 Trichloronate	6944	26053	49357	106326	170976	208762					
	296442						WLINR	0.05263	1.73863		0.99738
24 Anilazine	1634	2256	3581	6899	11039	13112					
	19108						LINR	-0.00058	0.10979		0.99085
25 Methyl Parathion	1.21391	1.12059	1.22102	1.33829	1.35198	1.32937					
	1.41908						AVRG		1.28489		8.00353
26 Malathion	1.23986	1.19694	1.15056	1.17724	1.17540	1.20726					
	1.27856						AVRG		1.20369		3.60449
27 Tokuthion	1.50291	1.31056	1.35261	1.35076	1.45106	1.48916					
	1.40826						AVRG		1.40933		5.28420

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Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	5.0000 Level 7	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2	
28 Parathion	1.27111	1.15628	1.24872	1.23420	1.30817	1.35972							
	1.28450							AVRG		1.26610		5.02432	
29 Merphos-B (Merphos Oxone)	3793	6271	15065	23458	40683	62127							
	65080							WLINR	-0.05169	0.21659		0.96366	<-NTC, see merphos
30 Tetrachlorvinphos (stirophos)	0.86036	0.73114	0.73243	0.80291	0.86664	0.87311							
	0.86651							AVRG		0.81902		7.82425	
31 Carbophenothion methyl	1.16513	1.02032	1.04699	1.17159	1.27808	1.26831							
	1.26700							AVRG		1.17392		9.08251	
32 Bolstar	1.33280	1.22387	1.19075	1.20601	1.27262	1.22830							
	1.20152							AVRG		1.23655		4.05030	
33 Carbophenothion	1.18442	1.13595	1.15332	1.18001	1.34689	1.22912							
	1.28180							AVRG		1.21593		6.21486	
35 Fensulfothion	0.88346	0.80409	0.88036	0.97346	0.94597	1.00424							
	0.92148							AVRG		0.91615		7.30438	

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Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
37 Phosmet / EPN	19707	35826	68186	146012	207459	263604					
	330448						WLINR	-0.04262	1.00518		0.99785
38 Famphur	1.45536	1.20800	1.18770	1.39816	1.20947	1.39569					
	1.32805						AVRG		1.31178		8.35158
39 Azinphos-methyl	1.25589	1.08970	1.07858	1.30240	1.20427	1.27709					
	1.19199						AVRG		1.19999		7.33978
40 Azinphos-ethyl	1.14013	1.11628	1.12015	1.18786	1.16269	1.14594					
	1.12699						AVRG		1.14286		2.23350
41 Coumaphos	0.78930	0.81655	0.85887	0.90448	0.89897	0.94628					
	0.93653						AVRG		0.87871		6.77030
42 Merphos	1.56460	1.43887	1.64263	1.66880	1.73437	1.91569					
	1.70275						AVRG		1.66682		8.85773
43 Total Demeton	3533	23328	47171	100663	168375	213468					
	244812						WLINR	0.06780	1.63923		0.99469

1/x

1/x

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INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
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Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
$ 3 Chlormefos	2.19506	1.83698	1.78322	2.03418	2.29040	2.05386					
	2.04016						AVRG		2.03341		8.83890
$ 34 Triphenyl phosphate	1.10969	0.86972	0.91132	1.07710	1.01080	0.99885					
	1.00703						AVRG		0.99779		8.47904

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INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
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Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Curve	Formula	Units
Averaged	Amt = Rsp/ml	Response
Linear	Amt = b + Rsp/ml	Response
Wt Linear	Amt = b + Rsp/ml	Response

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Report Date: 30-Jun-2009 12:58

Calibration History

Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Start Cal Date: 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Last Cal Level: 1
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 0.20000		
26-JUN-2009 21:13	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\009F0901.D
Cal Level: 2 , Cal Amount: 0.50000		
26-JUN-2009 20:45	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\008F0801.D
Cal Level: 3 , Cal Amount: 1.00000		
26-JUN-2009 20:18	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\007F0701.D
Cal Level: 4 , Cal Amount: 2.00000		
26-JUN-2009 19:50	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\006F0601.D
Cal Level: 5 , Cal Amount: 3.00000		
26-JUN-2009 19:23	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\005F0501.D
Cal Level: 6 , Cal Amount: 4.00000		
26-JUN-2009 18:55	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\004F0401.D
Cal Level: 7 , Cal Amount: 5.00000		
26-JUN-2009 18:28	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\003F0301.D

Continuing Calibration

Cal Level Mode: GLOBAL LEVEL 4

26-JUN-2009 21:40	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\010F1001.D
26-JUN-2009 19:50	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\006F0601.D
26-JUN-2009 19:23	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\005F0501.D

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B/010F1001.D
Report Date: 06/30/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Analysis Type: NONE

Injection Date: 26-JUN-2009 21:40
Lab Sample ID: OPP SS GSV0633
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.0000	2.0577	2.9	15.0	
2	Dichlorvos	2.0000	1.9061	4.7	15.0	
3	Mevinphos	2.0000	1.6977	15.1	15.0	<- ok
4	Chlormefos	2.0000	1.7808	11.0	15.0	
5	Thionazin	2.0000	1.9740	1.3	15.0	
6	Demeton-O	0.6500	1.8707	187.8	15.0	<- ok, see total demeton
7	Ethoprop	2.0000	2.0536	2.7	15.0	
8	Naled	2.0000	1.1983	40.1	15.0	<-
9	Sulfotepp	2.0000	1.7932	10.3	15.0	
10	Phorate	2.0000	2.0180	0.9	15.0	
11	Dimethoate	2.0000	2.0859	4.3	15.0	
12	Demeton-S	1.3600	0.2313	83.0	15.0	<- ok, see total demeton
13	Simazine	2.0000	2.6218	31.1	15.0	<-
14	Atrazine	2.0000	1.9566	2.2	15.0	
15	propazine	2.0000	1.9127	4.4	15.0	
17	Disulfoton	2.0000	1.5890	20.6	15.0	<-
16	Diazinon	2.0000	2.1583	7.9	15.0	
18	Methyl Parathion	2.0000	2.0404	2.0	15.0	
19	Ronnel	2.0000	2.1513	7.6	15.0	
20	Malathion	2.0000	1.6248	18.8	15.0	<-
21	Fenthion	2.0000	1.8840	5.8	15.0	
22	Parathion	2.0000	1.9436	2.8	15.0	
23	Chlorpyrifos	2.0000	1.9720	1.4	15.0	
24	Trichloronate	2.0000	1.8619	6.9	15.0	
25	Anilazine	2.0000	1.0151	49.2	15.0	<-
148	Merphos-A (Merphos)	2.0000	0.4078	79.6	999.0	
26	Tetrachlorvinphos (Stirophos)	2.0000	2.0880	4.4	15.0	
28	Tokuthion	2.0000	2.0254	1.3	15.0	
149	Merphos-B (Merphos Oxone)	2.0000	6.6232	231.2	999.0	
29	Carbophenothion-methyl	2.0000	1.3536	32.3	15.0	<-
29	Fensulfothion	2.0000	1.9235	3.8	15.0	
30	Bolstar / Famphur	4.0000	4.0636	1.6	15.0	
32	Carbophenothion	2.0000	1.8639	6.8	15.0	
31	Triphenyl phosphate	2.0000	1.7170	14.2	15.0	
34	Phosmet	2.0000	1.6471	17.6	15.0	<-
32	EPN	2.0000	1.7931	10.3	15.0	
33	Azinphos-methyl	2.0000	1.9226	3.9	15.0	
35	Azinphos-ethyl	2.0000	1.8331	8.3	15.0	
36	Coumaphos	2.0000	2.0063	0.3	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B/010F1001.D
Report Date: 06/30/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Injection Date: 26-JUN-2009 21:40
Lab File ID: 010F1001.D
Lab Sample ID: OPP SS GSV0633
Analysis Type: NONE
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
27 Merphos	2.0000	1.7215	13.9	15.0
40 Total Demeton	2.0000	2.1021	5.1	15.0

Average %D = 23.4

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B/010F1001.D
Report Date: 06/30/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Analysis Type: NONE

Injection Date: 26-JUN-2009 21:40
Lab Sample ID: OPP SS GSV0633
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.0000	2.0069	0.3	15.0	
2	Dichlorvos	2.0000	1.7707	11.5	15.0	
3	Chlormefos	2.0000	1.6957	15.2	15.0	<- ok
4	Mevinphos	2.0000	1.8364	8.2	15.0	
5	Demeton-O	0.6500	2.0472	215.0	15.0	<- ok, see total demeton
6	Thionazin	2.0000	1.8758	6.2	15.0	
7	Ethoprop	2.0000	1.8962	5.2	15.0	
8	Phorate	2.0000	1.9509	2.5	15.0	
10	Naled	2.0000	1.0486	47.6	15.0	<-
146	Sulfotepp	2.0000	1.7143	14.3	15.0	
10	Simazine	2.0000	3.6013	80.1	15.0	<-
12	Diazinon	2.0000	2.0803	4.0	15.0	
150	Atrazine	2.0000	1.9693	1.5	15.0	
13	Propazine	2.0000	1.8742	6.3	15.0	
14	Disulfoton	2.0000	1.6970	15.1	15.0	<- ok
15	Demeton-S	1.3600	0.2011	85.2	15.0	<- ok, see total demeton
16	Dimethoate	2.0000	1.8701	6.5	15.0	
17	Ronnel	2.0000	2.0112	0.6	15.0	
148	Merphos-A (Merphos)	2.0000	0.5348	73.3	999.0	
18	Chlorpyrifos	2.0000	2.1084	5.4	15.0	
19	Fenthion	2.0000	2.0634	3.2	15.0	
20	Trichloronate	2.0000	1.8617	6.9	15.0	
21	Anilazine	2.0000	1.2425	37.9	15.0	<-
23	Methyl Parathion	2.0000	2.0228	1.1	15.0	
24	Malathion	2.0000	1.5362	23.2	15.0	<-
25	Tokuthion	2.0000	1.8925	5.4	15.0	
26	Parathion	2.0000	2.1337	6.7	15.0	
149	Merphos-B (Merphos Oxone)	2.0000	5.0080	150.4	999.0	
27	Tetrachlorvinphos (stirophos)	2.0000	2.0814	4.1	15.0	
28	Carbophenothion methyl	2.0000	1.2466	37.7	15.0	<-
28	Bolstar	2.0000	2.0778	3.9	15.0	
30	Carbophenothion	2.0000	1.7496	12.5	15.0	
29	Triphenyl phosphate	2.0000	1.7275	13.6	15.0	
30	Fensulfothion	2.0000	2.0824	4.1	15.0	
35	Phosmet / EPN	4.0000	3.4695	13.3	15.0	
33	Famphur	2.0000	1.7579	12.1	15.0	
34	Azinphos-methyl	2.0000	1.8108	9.5	15.0	
35	Azinphos-ethyl	2.0000	1.7982	10.1	15.0	
36	Coumaphos	2.0000	1.9588	2.1	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B/010F1001.D
Report Date: 06/30/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Analysis Type: NONE

Injection Date: 26-JUN-2009 21:40
Lab Sample ID: OPP SS GSV0633
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
22 Merphos	2.0000	1.6146	19.3	15.0	<-
40 Total Demeton	2.0000	2.2483	12.4	15.0	

Average %D = 24.2

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\003F0301.D
Lab Smp Id: OPP L7 GSV0634 Client Smp ID: OPP L7 GSV0634
Inj Date : 26-JUN-2009 18:28
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L7 GSV0634
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Meth Date : 30-Jun-2009 12:45 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 20:18 Cal File: 007F0701.D
Als bottle: 3 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/mL)
	1 o,o,o-TEPT	3.256	3.254	(0.183)	707938	5.00000	4.923
	2 Dichlorvos	4.075	4.074	(0.228)	456822	5.00000	5.116(A)
	3 Mevinphos	5.736	5.739	(0.322)	240948	5.00000	4.912
$	4 Chlormefos	5.835	5.836	(0.327)	549929	5.00000	4.918
	5 Thionazin	7.505	7.507	(0.421)	493034	5.00000	4.831
	6 Demeton-O	7.645	7.649	(0.428)	165003	1.62500	1.714
	7 Ethoprop	7.846	7.852	(0.440)	445084	5.00000	4.977
	8 Naled	8.053	8.057	(0.451)	121152	5.00000	5.203(A)
*	9 Tributylphosphate	8.110	8.135	(1.000)	206876	2.00000	
	10 Sulfotepp	8.440	8.442	(0.473)	609341	5.00000	4.831
	11 Phorate	8.530	8.532	(0.478)	441181	5.00000	4.764
	12 Dimethoate	8.655	8.659	(0.485)	565436	5.00000	5.256(A)
	13 Demeton-S	8.838	8.846	(0.495)	264954	3.40000	3.396
	14 Simazine	8.921	8.924	(0.500)	190219	5.00000	5.176(A)
	15 Atrazine	9.091	9.094	(0.510)	228392	5.00000	5.475(A)
	16 propazine	9.236	9.241	(0.518)	202756	5.00000	5.268(A)
	17 Disulfoton	9.866	9.869	(0.553)	290419	5.00000	4.668
	18 Diazinon	9.900	9.902	(0.555)	490902	5.00000	4.934
	19 Methyl Parathion	10.715	10.717	(0.601)	322048	5.00000	5.104(A)
	20 Ronnel	11.238	11.241	(0.630)	302582	5.00000	4.640
	21 Malathion	11.801	11.804	(0.661)	283462	5.00000	4.812
	22 Fenthion	11.930	11.932	(0.669)	301476	5.00000	4.701
	23 Parathion	12.020	12.019	(0.674)	334974	5.00000	4.908
	24 Chlorpyrifos	12.068	12.067	(0.676)	398604	5.00000	4.827
	25 Trichloronate	12.493	12.496	(0.700)	365975	5.00000	4.959
	26 Anilazine	12.815	12.817	(0.718)	34322	5.00000	4.247
	27 Merphos-A (Merphos)	13.196	13.199	(0.740)	302744	5.00000	4.916
	28 Tetrachlorvinphos (Stirophos)	13.818	13.824	(0.774)	210886	5.00000	5.153(A)
	29 Tokuthion	14.448	14.449	(0.810)	351657	5.00000	4.970
	30 Merphos-B (Merphos Oxone)	14.646	14.651	(0.821)	79809	5.00000	4.813
	31 Carbophenothion-methyl	15.235	15.239	(0.854)	266724	5.00000	4.968
	32 Fensulfothion	15.356	15.361	(0.861)	295978	5.00000	4.978
	33 Bolstar / Famphur	16.053	16.053	(0.900)	629265	10.0000	9.297

		Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34	Carbophenothion	16.196	16.197	(0.908)	321417	5.00000	4.733
$	35	Triphenyl phosphate	16.710	16.712	(0.936)	244102	5.00000	4.730(A)
	36	Phosmet	16.963	16.963	(0.951)	290049	5.00000	4.990
	37	EPN	17.150	17.151	(0.961)	294020	5.00000	5.219(A)
	38	Azinphos-methyl	17.478	17.480	(0.980)	309219	5.00000	4.993
*	39	TOCP	17.843	17.846	(1.000)	102065	2.00000	
	40	Azinphos-ethyl	17.923	17.926	(1.004)	318459	5.00000	4.789
	41	Coumaphos	18.363	18.366	(1.029)	252650	5.00000	5.058(A)
S	42	Merphos				382553	5.00000	4.876
M	43	Total Demeton				429957	5.00000	5.110

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

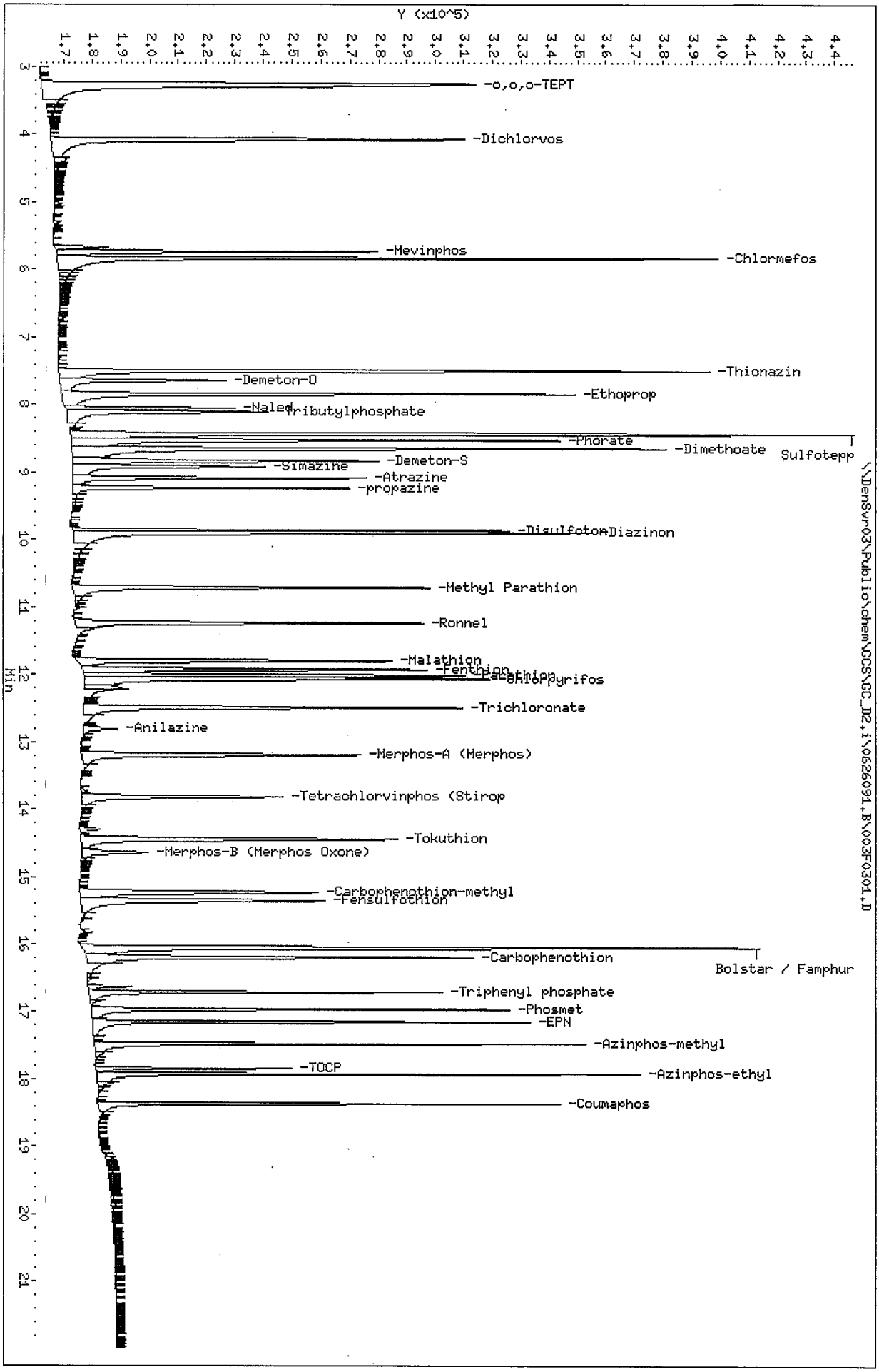
Instrument ID: GC_D2.i
Lab File ID: 003F0301.D
Lab Smp Id: OPP L7 GSV0634
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 26-JUN-2009
Calibration Time: 21:40
Client Smp ID: OPP L7 GSV0634
Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	166572	83286	333144	206876	24.20
39 TOCP	99647	49824	199294	102065	2.43

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.11	7.61	8.61	8.11	-0.03
39 TOCP	17.84	17.34	18.34	17.84	0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\003F0301.D
Date : 26-JUN-2009 18:28
Client ID: OPP L7 GSV0634
Sample Info: OPP L7 GSV0634
Column phase: RTx-1MS

Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\004F0401.D
Lab Smp Id: OPP L6 GSV0637 Client Smp ID: OPP L6 GSV0637
Inj Date : 26-JUN-2009 18:55
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L6 GSV0637
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Meth Date : 30-Jun-2009 12:45 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 18:28 Cal File: 003F0301.D
Als bottle: 4 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/mL)
	==========	====	========	========	========	=======	=======
	1 o,o,o-TEPT	3.254	3.254	(0.182)	559984	4.00000	4.123
	2 Dichlorvos	4.074	4.074	(0.228)	337386	4.00000	4.000
	3 Mevinphos	5.736	5.739	(0.321)	189437	4.00000	4.089
$	4 Chlormefos	5.834	5.836	(0.327)	433193	4.00000	4.101
	5 Thionazin	7.504	7.507	(0.421)	385808	4.00000	4.002
	6 Demeton-O	7.646	7.649	(0.429)	113108	1.30000	1.237
	7 Ethoprop	7.848	7.852	(0.440)	343730	4.00000	4.069
	8 Naled	8.054	8.057	(0.451)	90892	4.00000	4.172
*	9 Tributylphosphate	8.111	8.135	(1.000)	190710	2.00000	
	10 Sulfotepp	8.439	8.442	(0.473)	486417	4.00000	4.072
	11 Phorate	8.531	8.532	(0.478)	345415	4.00000	3.949
	12 Dimethoate	8.654	8.659	(0.485)	445385	4.00000	4.383
	13 Demeton-S	8.838	8.846	(0.495)	208362	2.72000	2.828
	14 Simazine	8.919	8.924	(0.500)	147784	4.00000	4.272
	15 Atrazine	9.089	9.094	(0.509)	175159	4.00000	4.445
	16 propazine	9.236	9.241	(0.518)	156982	4.00000	4.318
	17 Disulfoton	9.868	9.869	(0.553)	247845	4.00000	4.214
	18 Diazinon	9.901	9.902	(0.555)	354996	4.00000	3.778
	19 Methyl Parathion	10.714	10.717	(0.601)	250051	4.00000	4.196
	20 Ronnel	11.239	11.241	(0.630)	259621	4.00000	4.214
	21 Malathion	11.799	11.804	(0.661)	228260	4.00000	4.097
	22 Fenthion	11.931	11.932	(0.669)	241990	4.00000	3.995
	23 Parathion	12.018	12.019	(0.674)	267071	4.00000	4.142
	24 Chlorpyrifos	12.066	12.067	(0.676)	312992	4.00000	4.013
	25 Trichloronate	12.493	12.496	(0.700)	293942	4.00000	4.216
	26 Anilazine	12.814	12.817	(0.718)	29375	4.00000	4.019
	27 Merphos-A (Merphos)	13.196	13.199	(0.740)	239875	4.00000	4.124
	28 Tetrachlorvinphos (Stirophos)	13.818	13.824	(0.774)	164180	4.00000	4.247
	29 Tokuthion	14.446	14.449	(0.810)	271654	4.00000	4.065
	30 Merphos-B (Merphos Oxone)	14.648	14.651	(0.821)	65974	4.00000	4.215
	31 Carbophenothion-methyl	15.234	15.239	(0.854)	206137	4.00000	4.052
	32 Fensulfothion	15.358	15.361	(0.861)	229856	4.00000	4.110
	33 Bolstar / Famphur	16.053	16.053	(0.900)	495681	8.00000	7.753

		Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34	Carbophenothion	16.194	16.197	(0.908)	272632	4.00000	4.251
$	35	Triphenyl phosphate	16.711	16.712	(0.937)	194548	4.00000	3.991(A)
	36	Phosmet	16.963	16.963	(0.951)	223910	4.00000	4.079
	37	EPN	17.148	17.151	(0.961)	220388	4.00000	4.152
	38	Azinphos-methyl	17.478	17.480	(0.980)	244293	4.00000	4.176
*	39	TOCP	17.843	17.846	(1.000)	96406	2.00000	
	40	Azinphos-ethyl	17.923	17.926	(1.004)	253982	4.00000	4.021
	41	Coumaphos	18.363	18.366	(1.029)	194765	4.00000	4.128
S	42	Merphos				305849	4.00000	4.161
M	43	Total Demeton				321470	4.00000	4.064

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

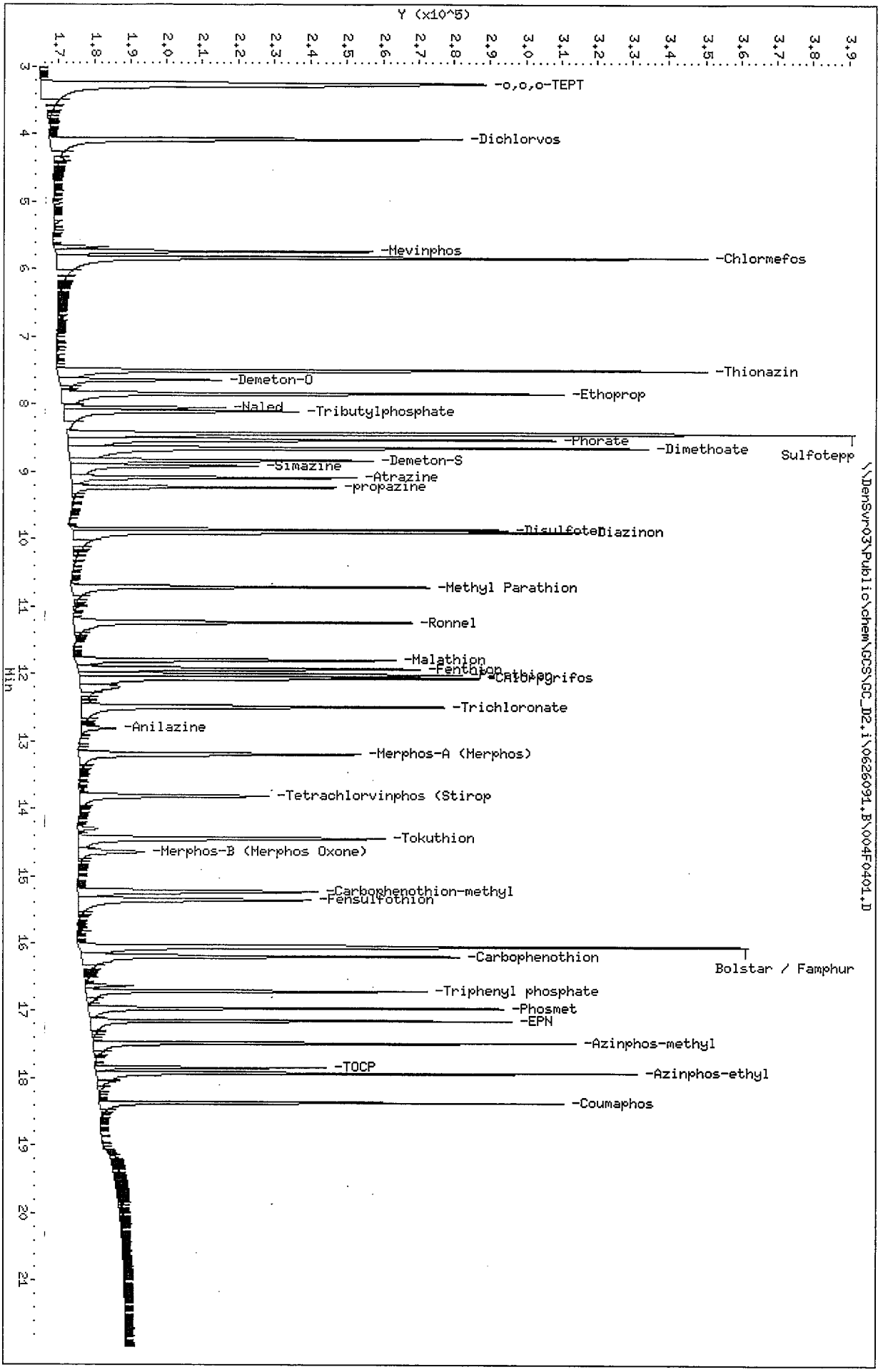
Instrument ID: GC_D2.i
Lab File ID: 004F0401.D
Lab Smp Id: OPP L6 GSV0637
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 26-JUN-2009
Calibration Time: 21:40
Client Smp ID: OPP L6 GSV0637
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	166572	83286	333144	190710	14.49
39 TOCP	99647	49824	199294	96406	-3.25

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.11	7.61	8.61	8.11	-0.01
39 TOCP	17.84	17.34	18.34	17.84	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\004F0401.D
Date : 26-JUN-2009 18:55
Client ID: OPP L6 GSV0637
Sample Info: OPP L6 GSV0637
Column phase: RTx-1MS
Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\005F0501.D
Lab Smp Id: OPP L5 GSV0635 Client Smp ID: OPP L5 GSV0635
Inj Date : 26-JUN-2009 19:23
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L5 GSV0635
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Meth Date : 30-Jun-2009 12:45 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 18:55 Cal File: 004F0401.D
Als bottle: 5 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/mL)
	1 o,o,o-TEPT	3.254	3.254	(0.182)	430120	3.00000	2.892
	2 Dichlorvos	4.074	4.074	(0.228)	272336	3.00000	2.949
	3 Mevinphos	5.737	5.739	(0.322)	150686	3.00000	2.970
$	4 Chlormefos	5.834	5.836	(0.327)	373109	3.00000	3.226
	5 Thionazin	7.504	7.507	(0.421)	310451	3.00000	2.941
	6 Demeton-O	7.646	7.649	(0.429)	96004	0.97500	0.9530
	7 Ethoprop	7.847	7.852	(0.440)	275706	3.00000	2.981
	8 Naled	8.054	8.057	(0.451)	67594	3.00000	2.896
*	9 Tributylphosphate	8.111	8.135	(1.000)	190357	2.00000	
	10 Sulfotepp	8.439	8.442	(0.473)	393078	3.00000	2.987
	11 Phorate	8.531	8.532	(0.478)	279291	3.00000	2.916
	12 Dimethoate	8.654	8.659	(0.485)	354003	3.00000	3.181
	13 Demeton-S	8.837	8.846	(0.495)	167136	2.04000	2.071
	14 Simazine	8.919	8.924	(0.500)	115426	3.00000	3.070
	15 Atrazine	9.089	9.094	(0.509)	135287	3.00000	3.135
	16 propazine	9.236	9.241	(0.518)	119795	3.00000	3.009
	17 Disulfoton	9.867	9.869	(0.553)	193050	3.00000	2.986
	18 Diazinon	9.901	9.902	(0.555)	314608	3.00000	3.057
	19 Methyl Parathion	10.714	10.717	(0.600)	206402	3.00000	3.163
	20 Ronnel	11.239	11.241	(0.630)	197062	3.00000	2.921
	21 Malathion	11.799	11.804	(0.661)	186013	3.00000	3.038
	22 Fenthion	11.931	11.932	(0.669)	198864	3.00000	2.998
	23 Parathion	12.017	12.019	(0.674)	215846	3.00000	3.057
	24 Chlorpyrifos	12.066	12.067	(0.676)	255782	3.00000	2.995
	25 Trichloronate	12.494	12.496	(0.700)	231599	3.00000	3.034
	26 Anilazine	12.812	12.817	(0.718)	19893	3.00000	2.881
	27 Merphos-A (Merphos)	13.196	13.199	(0.740)	192022	3.00000	3.015
	28 Tetrachlorvinphos (Stirophos)	13.816	13.824	(0.774)	134968	3.00000	3.188
	29 Tokuthion	14.447	14.449	(0.810)	220825	3.00000	3.018
	30 Merphos-B (Merphos Oxone)	14.647	14.651	(0.821)	50056	3.00000	2.927
	31 Carbophenothion-methyl	15.236	15.239	(0.854)	167145	3.00000	2.983
	32 Fensulfothion	15.356	15.361	(0.861)	185778	3.00000	3.058
	33 Bolstar / Famphur	16.051	16.053	(0.900)	404218	6.00000	5.774

		Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34	Carbophenothion	16.194	16.197	(0.908)	199717	3.00000	2.844
$	35	Triphenyl phosphate	16.711	16.712	(0.937)	157761	3.00000	2.956(A)
	36	Phosmet	16.962	16.963	(0.951)	177892	3.00000	2.959
	37	EPN	17.149	17.151	(0.961)	171283	3.00000	2.961
	38	Azinphos-methyl	17.476	17.480	(0.979)	195645	3.00000	3.054
*	39	TOCP	17.842	17.846	(1.000)	105568	2.00000	
	40	Azinphos-ethyl	17.922	17.926	(1.004)	209971	3.00000	2.999
	41	Coumaphos	18.364	18.366	(1.029)	159962	3.00000	3.096
S	42	Merphos				242078	3.00000	2.978
M	43	Total Demeton				263140	3.00000	3.024

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

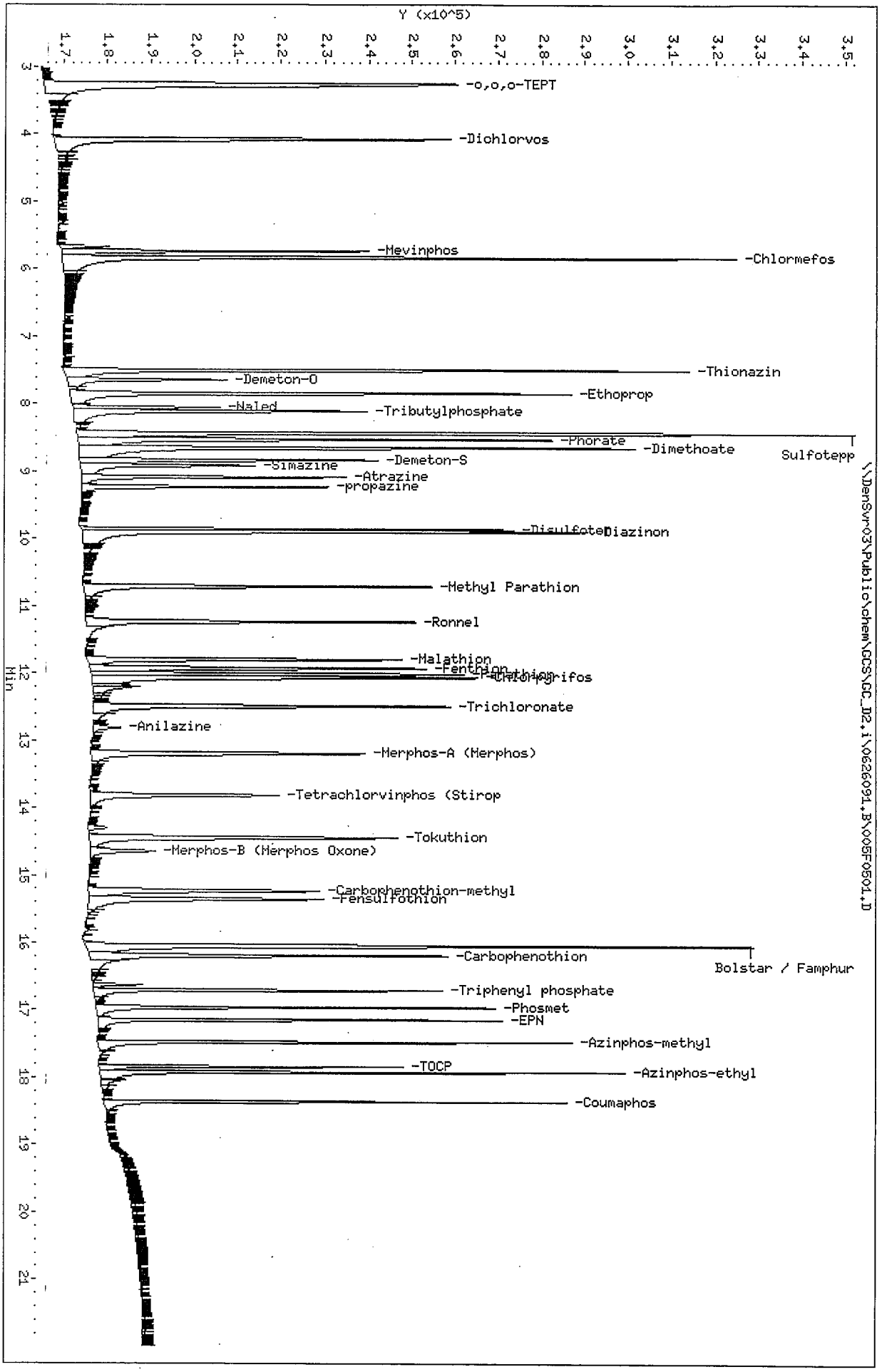
Instrument ID: GC_D2.i
Lab File ID: 005F0501.D
Lab Smp Id: OPP L5 GSV0635
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 26-JUN-2009
Calibration Time: 21:40
Client Smp ID: OPP L5 GSV0635
Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	166572	83286	333144	190357	14.28
39 TOCP	99647	49824	199294	105568	5.94

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.11	7.61	8.61	8.11	-0.02
39 TOCP	17.84	17.34	18.34	17.84	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\005F0501.D
Date : 26-JUN-2009 19:23
Client ID: OPP L5 GSV0635
Sample Info: OPP L5 GSV0635
Column phase: RTx-1HS
Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\006F0601.D
Lab Smp Id: OPP L4 GSV0638 Client Smp ID: OPP L4 GSV0638
Inj Date : 26-JUN-2009 19:50
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L4 GSV0638
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Meth Date : 30-Jun-2009 12:45 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 19:23 Cal File: 005F0501.D
Als bottle: 6 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/mL)
	1 o,o,o-TEPT	3.255	3.254	(0.182)	282037	2.00000	2.056
	2 Dichlorvos	4.075	4.074	(0.228)	171715	2.00000	2.016
	3 Mevinphos	5.737	5.739	(0.322)	99077	2.00000	2.117
$	4 Chlormefos	5.834	5.836	(0.327)	220122	2.00000	2.064
	5 Thionazin	7.504	7.507	(0.421)	202723	2.00000	2.082
	6 Demeton-O	7.647	7.649	(0.429)	62341	0.65000	0.6633
	7 Ethoprop	7.849	7.852	(0.440)	168636	2.00000	1.977
	8 Naled	8.055	8.057	(0.451)	36940	2.00000	1.794
*	9 Tributylphosphate	8.112	8.135	(1.000)	160310	2.00000	
	10 Sulfotepp	8.439	8.442	(0.473)	259970	2.00000	2.122
	11 Phorate	8.530	8.532	(0.478)	177561	2.00000	2.010
	12 Dimethoate	8.655	8.659	(0.485)	219744	2.00000	2.141
	13 Demeton-S	8.840	8.846	(0.495)	104966	1.36000	1.410
	14 Simazine	8.919	8.924	(0.500)	64611	2.00000	1.894
	15 Atrazine	9.089	9.094	(0.509)	82396	2.00000	2.070
	16 propazine	9.235	9.241	(0.518)	76116	2.00000	2.073
	17 Disulfoton	9.867	9.869	(0.553)	127893	2.00000	2.134
	18 Diazinon	9.902	9.902	(0.555)	196533	2.00000	2.071
	19 Methyl Parathion	10.714	10.717	(0.600)	128904	2.00000	2.142
	20 Ronnel	11.239	11.241	(0.630)	125931	2.00000	2.024
	21 Malathion	11.799	11.804	(0.661)	119836	2.00000	2.110
	22 Fenthion	11.930	11.932	(0.669)	125692	2.00000	2.054
	23 Parathion	12.017	12.019	(0.673)	135333	2.00000	2.078
	24 Chlorpyrifos	12.067	12.067	(0.676)	158619	2.00000	2.014
	25 Trichloronate	12.494	12.496	(0.700)	144264	2.00000	2.049
	26 Anilazine	12.815	12.817	(0.718)	12790	2.00000	2.151
	27 Merphos-A (Merphos)	13.197	13.199	(0.740)	120719	2.00000	2.055
	28 Tetrachlorvinphos (Stirophos)	13.817	13.824	(0.774)	81250	2.00000	2.081
	29 Tokuthion	14.447	14.449	(0.810)	140431	2.00000	2.081
	30 Merphos-B (Merphos Oxone)	14.649	14.651	(0.821)	34113	2.00000	2.168
	31 Carbophenothion-methyl	15.235	15.239	(0.854)	105577	2.00000	2.022
	32 Fensulfothion	15.357	15.361	(0.861)	104440	2.00000	1.901
	33 Bolstar / Famphur	16.052	16.053	(0.900)	260611	4.00000	4.036

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	16.195	16.197	(0.908)	128846	2.00000	1.989
$	35 Triphenyl phosphate	16.710	16.712	(0.936)	102669	2.00000	2.086 (A)
	36 Phosmet	16.962	16.963	(0.951)	117406	2.00000	2.118
	37 EPN	17.149	17.151	(0.961)	111165	2.00000	2.098
	38 Azinphos-methyl	17.477	17.480	(0.979)	124853	2.00000	2.113
*	39 TOCP	17.844	17.846	(1.000)	97363	2.00000	
	40 Azinphos-ethyl	17.924	17.926	(1.004)	134607	2.00000	2.040
	41 Coumaphos	18.364	18.366	(1.029)	99259	2.00000	2.083
S	42 Merphos				154832	2.00000	2.068
M	43 Total Demeton				167307	2.00000	2.074

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

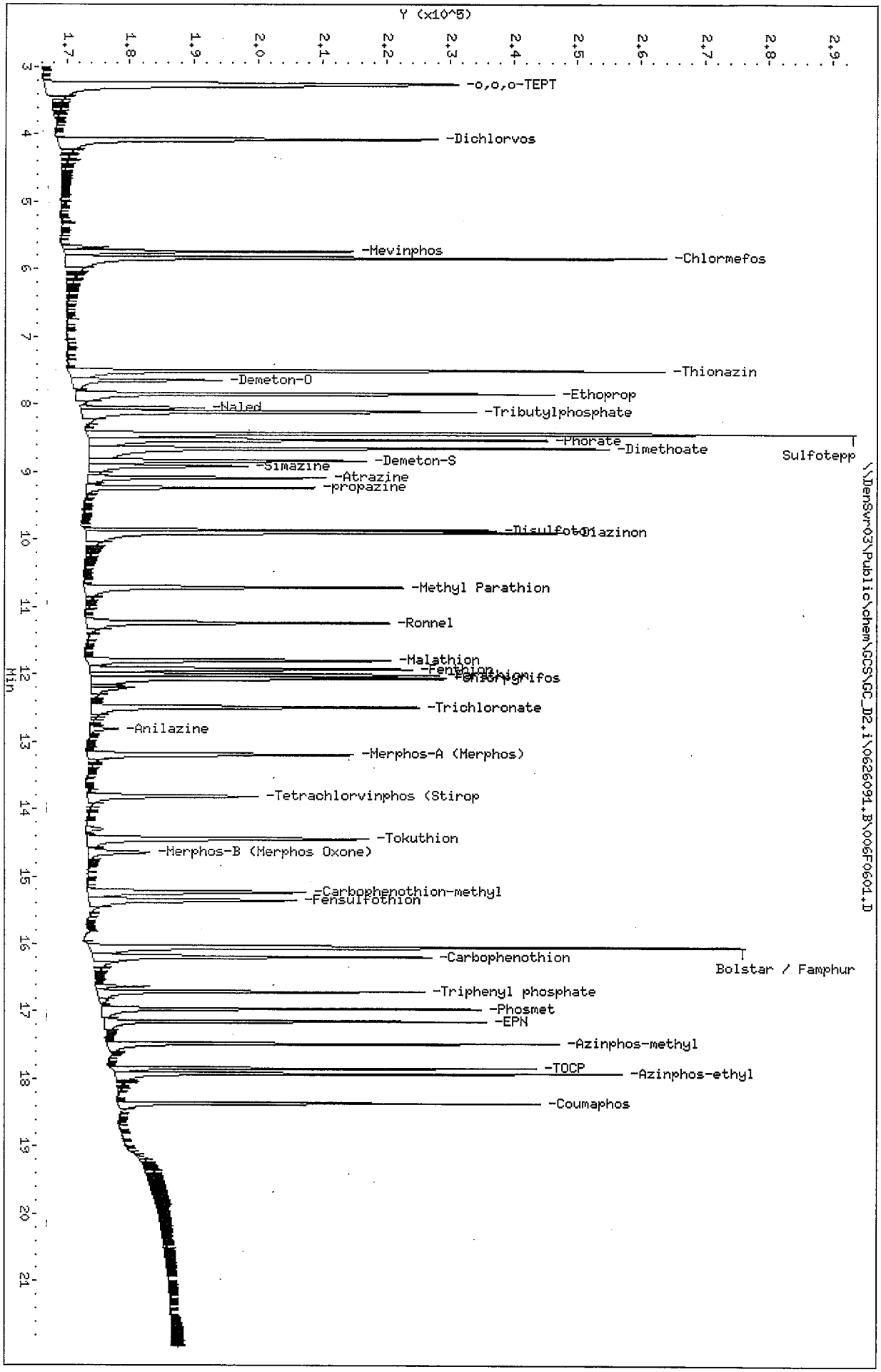
Instrument ID: GC_D2.i
Lab File ID: 006F0601.D
Lab Smp Id: OPP L4 GSV0638
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 26-JUN-2009
Calibration Time: 19:50
Client Smp ID: OPP L4 GSV0638
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	160310	80155	320620	160310	0.00
39 TOCP	97363	48682	194726	97363	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.11	7.61	8.61	8.11	0.00
39 TOCP	17.84	17.34	18.34	17.84	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



Data File: \\DenSvr03\Public\chem\GCS\GC_D2,i\0626091,B\006F0604,D
Date : 26-JUN-2009 19:50
Client ID: OPP L4 GSV0638
Sample Info: OPP L4 GSV0638
Column phase: RTx-1MS

Instrument: GC_D2,i
Operator: HPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\007F0701.D
Lab Smp Id: OPP L3 GSV0639 Client Smp ID: OPP L3 GSV0639
Inj Date : 26-JUN-2009 20:18
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L3 GSV0639
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Meth Date : 30-Jun-2009 12:45 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 19:50 Cal File: 006F0601.D
Als bottle: 7 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1 o,o,o-TEPT	3.253	3.254	(0.182)	136897	1.00000	0.9509
	2 Dichlorvos	4.075	4.074	(0.228)	81003	1.00000	0.9061
	3 Mevinphos	5.738	5.739	(0.322)	46063	1.00000	0.9380
$	4 Chlormefos	5.833	5.836	(0.327)	102183	1.00000	0.9128
	5 Thionazin	7.503	7.507	(0.421)	99560	1.00000	0.9745
	6 Demeton-O	7.645	7.649	(0.429)	30145	0.32500	0.2917
	7 Ethoprop	7.850	7.852	(0.440)	82934	1.00000	0.9263
	8 Naled	8.055	8.057	(0.451)	15042	1.00000	0.8141
*	9 Tributylphosphate	8.113	8.135	(1.000)	156624	2.00000	
	10 Sulfotepp	8.438	8.442	(0.473)	131347	1.00000	0.9856
	11 Phorate	8.530	8.532	(0.478)	88795	1.00000	0.9577
	12 Dimethoate	8.657	8.659	(0.485)	105981	1.00000	0.9840
	13 Demeton-S	8.840	8.846	(0.495)	51826	0.68000	0.6636
	14 Simazine	8.918	8.924	(0.500)	29382	1.00000	0.8660
	15 Atrazine	9.088	9.094	(0.509)	38356	1.00000	0.9184
	16 propazine	9.235	9.241	(0.518)	35375	1.00000	0.9180
	17 Disulfoton	9.867	9.869	(0.553)	61920	1.00000	0.9637
	18 Diazinon	9.902	9.902	(0.555)	93892	1.00000	0.9427
	19 Methyl Parathion	10.715	10.717	(0.601)	58112	1.00000	0.9200
	20 Ronnel	11.240	11.241	(0.630)	61984	1.00000	0.9493
	21 Malathion	11.800	11.804	(0.661)	57103	1.00000	0.9353
	22 Fenthion	11.930	11.932	(0.669)	59512	1.00000	0.9268
	23 Parathion	12.017	12.019	(0.674)	63007	1.00000	0.9220
	24 Chlorpyrifos	12.067	12.067	(0.676)	75298	1.00000	0.9108
	25 Trichloronate	12.493	12.496	(0.700)	68852	1.00000	0.9318
	26 Anilazine	12.817	12.817	(0.718)	5311	1.00000	0.9480
	27 Merphos-A (Merphos)	13.198	13.199	(0.740)	59249	1.00000	0.9611
	28 Tetrachlorvinphos (Stirophos)	13.818	13.824	(0.775)	37534	1.00000	0.9161
	29 Tokuthion	14.448	14.449	(0.810)	66164	1.00000	0.9341
	30 Merphos-B (Merphos Oxone)	14.647	14.651	(0.821)	11676	1.00000	0.7212
	31 Carbophenothion-methyl	15.235	15.239	(0.854)	55023	1.00000	0.9704
	32 Fensulfothion	15.360	15.361	(0.861)	51304	1.00000	0.9402
	33 Bolstar / Famphur	16.050	16.053	(0.900)	135217	2.00000	1.995

		Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34	Carbophenothion	16.193	16.197	(0.908)	65237	1.00000	0.9596
$	35	Triphenyl phosphate	16.708	16.712	(0.936)	49547	1.00000	0.9591
	36	Phosmet	16.962	16.963	(0.951)	56728	1.00000	0.9749
	37	EPN	17.148	17.151	(0.961)	48705	1.00000	0.9045
	38	Azinphos-methyl	17.478	17.480	(0.980)	59658	1.00000	0.9622
*	39	TOCP	17.842	17.846	(1.000)	102183	2.00000	
	40	Azinphos-ethyl	17.923	17.926	(1.005)	74071	1.00000	0.9989
	41	Coumaphos	18.363	18.366	(1.029)	47132	1.00000	0.9424
S	42	Merphos				70925	1.00000	0.8976
M	43	Total Demeton				81971	1.00000	0.9553

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

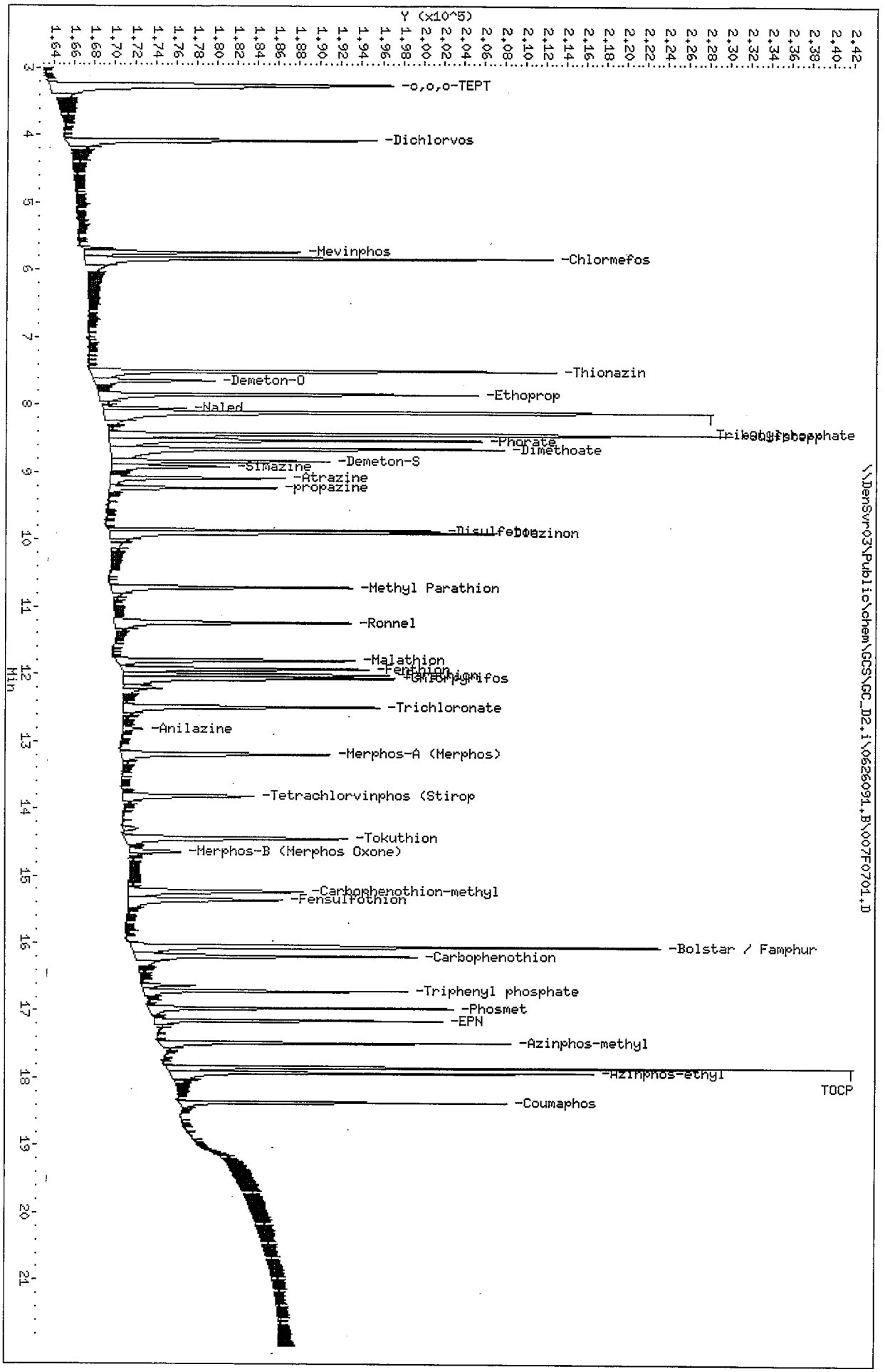
Instrument ID: GC_D2.i
Lab File ID: 007F0701.D
Lab Smp Id: OPP L3 GSV0639
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 26-JUN-2009
Calibration Time: 19:50
Client Smp ID: OPP L3 GSV0639
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	160310	80155	320620	156624	-2.30
39 TOCP	97363	48682	194726	102183	4.95

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.11	7.61	8.61	8.11	0.02
39 TOCP	17.84	17.34	18.34	17.84	-0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\007F0701.D
Date : 26-JUN-2009 20:18
Client ID: OPP L3 GSV0639
Sample Info: OPP L3 GSV0639
Column phase: RTx-1MS
Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32
\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\007F0701.D
Y (x10^5)
Min
-o,o,o-TEPT
-Dichlorvos
-Mevinphos
-Chlormefos
-Thionazin
-Demeton-O
-Ethoprop
-Naled
-Phorate
-Dimethoate
-Simazine
-Demeton-S
-Atrazine
-propazine
-Methyl Parathion
-Ronnel
-Malathion
-Trichloronate
-Anilazine
-Merphos-A (Merphos)
-Tetrachlorvinphos (Stirop
-Tokuthion
-Merphos-B (Merphos Oxone)
-Carbophenothion-methyl
-Fensulfothion
-Bolstar / Famphur
-Carbophenothion
-Triphenyl phosphate
-Phosmet
-EPN
-Azinphos-methyl
-Azinphos-ethyl
TCCP
-Coumaphos

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\008F0801.D
Lab Smp Id: OPP L2 GSV0640 Client Smp ID: OPP L2 GSV0640
Inj Date : 26-JUN-2009 20:45
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L2 GSV0640
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Meth Date : 30-Jun-2009 12:45 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 20:18 Cal File: 007F0701.D
Als bottle: 8 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1 o,o,o-TEPT	3.255	3.254	(0.182)	68743	0.50000	0.4680
	2 Dichlorvos	4.076	4.074	(0.228)	42284	0.50000	0.4636
	3 Mevinphos	5.738	5.739	(0.322)	23796	0.50000	0.4749
$	4 Chlormefos	5.833	5.836	(0.327)	53089	0.50000	0.4648
	5 Thionazin	7.505	7.507	(0.421)	50724	0.50000	0.4866
	6 Demeton-O	7.646	7.649	(0.429)	17553	0.16250	0.1554
	7 Ethoprop	7.851	7.852	(0.440)	44525	0.50000	0.4874
	8 Naled	8.056	8.057	(0.452)	6103	0.50000	0.4398
*	9 Tributylphosphate	8.113	8.135	(1.000)	165852	2.00000	
	10 Sulfotepp	8.438	8.442	(0.473)	70885	0.50000	0.4886
	11 Phorate	8.530	8.532	(0.478)	47685	0.50000	0.5040
	12 Dimethoate	8.660	8.659	(0.485)	46100	0.50000	0.4195
	13 Demeton-S	8.843	8.846	(0.496)	25917	0.34000	0.3252
	14 Simazine	8.920	8.924	(0.500)	16248	0.50000	0.5059
	15 Atrazine	9.091	9.094	(0.510)	19948	0.50000	0.4681
	16 propazine	9.236	9.241	(0.518)	18281	0.50000	0.4649
	17 Disulfoton	9.866	9.869	(0.553)	33208	0.50000	0.4883
	18 Diazinon	9.903	9.902	(0.555)	47843	0.50000	0.4708
	19 Methyl Parathion	10.715	10.717	(0.601)	28773	0.50000	0.4464
	20 Ronnel	11.240	11.241	(0.630)	32156	0.50000	0.4827
	21 Malathion	11.800	11.804	(0.661)	30581	0.50000	0.4713
	22 Fenthion	11.931	11.932	(0.669)	30876	0.50000	0.4713
	23 Parathion	12.016	12.019	(0.673)	32682	0.50000	0.4687
	24 Chlorpyrifos	12.066	12.067	(0.676)	40856	0.50000	0.4843
	25 Trichloronate	12.493	12.496	(0.700)	37156	0.50000	0.4928
	26 Anilazine	12.820	12.817	(0.718)	2095	0.50000	0.4035 (M)
	27 Merphos-A (Merphos)	13.200	13.199	(0.740)	30112	0.50000	0.4787
	28 Tetrachlorvinphos (Stirophos)	13.818	13.824	(0.774)	19446	0.50000	0.4652
	29 Tokuthion	14.448	14.449	(0.810)	33437	0.50000	0.4626
	30 Merphos-B (Merphos Oxone)	14.651	14.651	(0.821)	7933	0.50000	0.4872 (M)
	31 Carbophenothion-methyl	15.235	15.239	(0.854)	30542	0.50000	0.4974
	32 Fensulfothion	15.360	15.361	(0.861)	23000	0.50000	0.4661
	33 Bolstar / Famphur	16.050	16.053	(0.899)	66619	1.00000	0.9635

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	16.193	16.197	(0.908)	31276	0.50000	0.4509
$	35 Triphenyl phosphate	16.710	16.712	(0.936)	25861	0.50000	0.4906
	36 Phosmet	16.961	16.963	(0.951)	26426	0.50000	0.4451
	37 EPN	17.148	17.151	(0.961)	23196	0.50000	0.4484
	38 Azinphos-methyl	17.478	17.480	(0.980)	29588	0.50000	0.4677
*	39 TOCP	17.843	17.846	(1.000)	104260	2.00000	
	40 Azinphos-ethyl	17.923	17.926	(1.004)	43578	0.50000	0.5132
	41 Coumaphos	18.363	18.366	(1.029)	23408	0.50000	0.4587
S	42 Merphos				38045	0.50000	0.4789
M	43 Total Demeton				43470	0.50000	0.4806

QC Flag Legend

M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

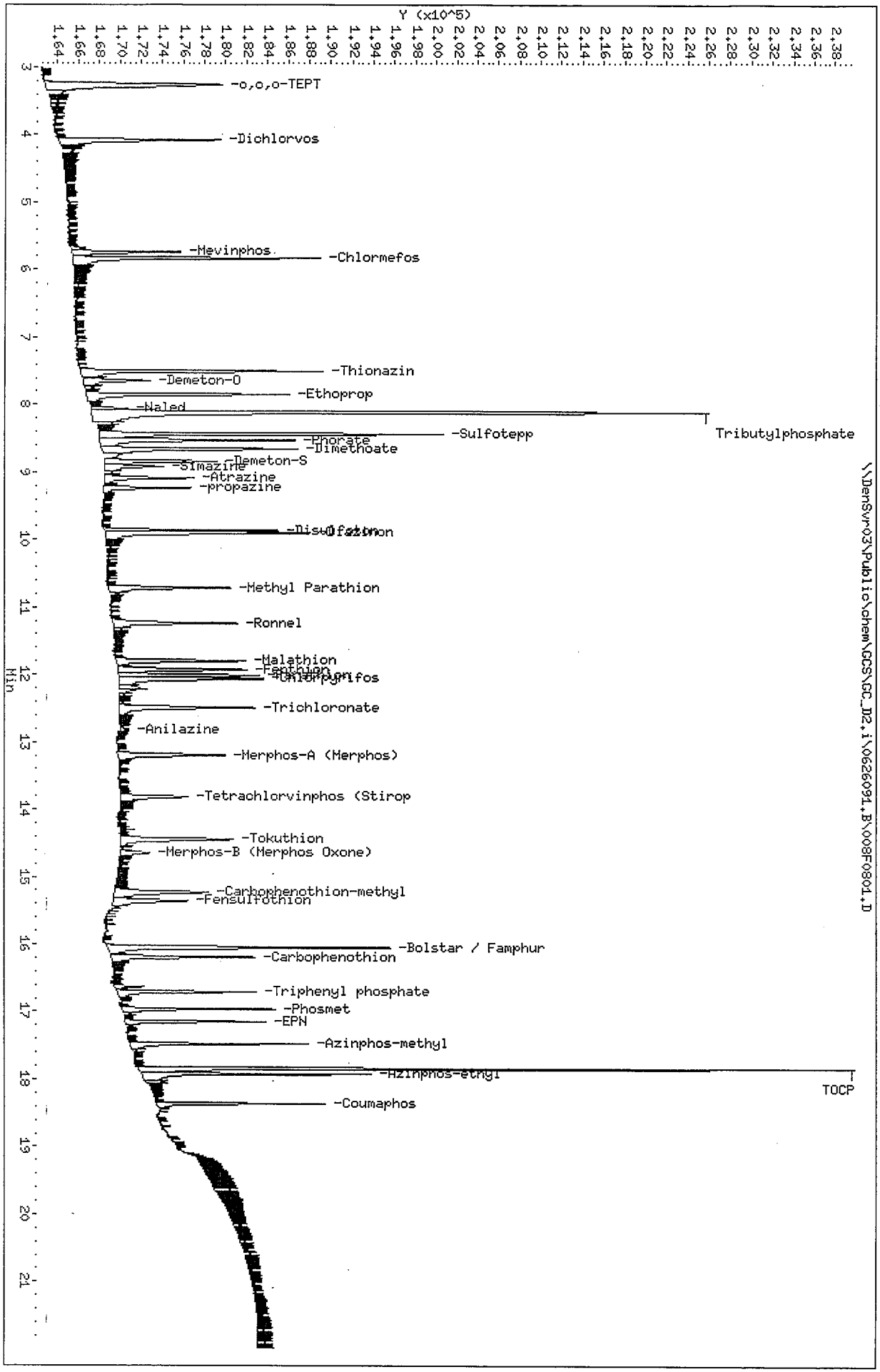
Instrument ID: GC_D2.i
Lab File ID: 008F0801.D
Lab Smp Id: OPP L2 GSV0640
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 26-JUN-2009
Calibration Time: 19:50
Client Smp ID: OPP L2 GSV0640
Level:
Sample Type:

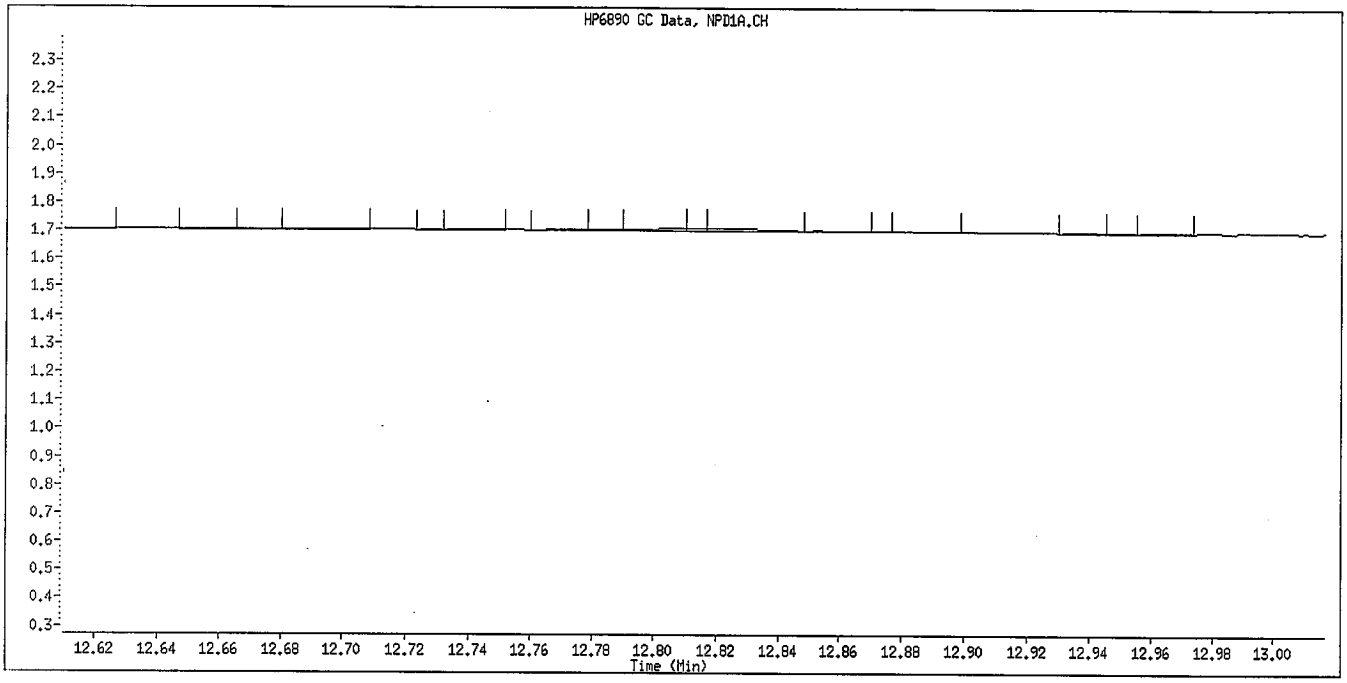
		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	160310	80155	320620	165852	3.46
39 TOCP	97363	48682	194726	104260	7.08

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.11	7.61	8.61	8.11	0.01
39 TOCP	17.84	17.34	18.34	17.84	-0.00

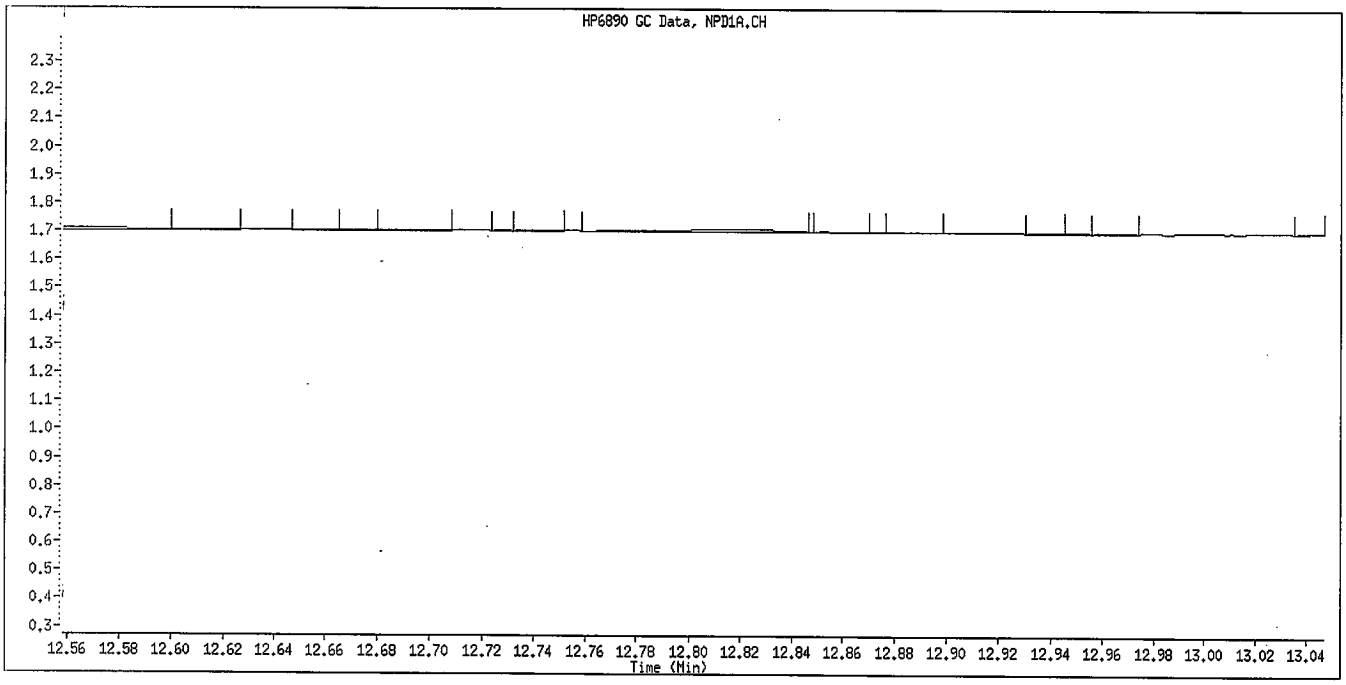
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\DenSvr03\Public\chem\GCS\GC_D2,i\0626091,B\008F0801,D
Date : 26-JUN-2009 20:45
Client ID: OPP L2 GSV0640
Sample Info: OPP L2 GSV0640
Column phase: RTx-1MS
Instrument: GC_D2,i
Operator: MPK/TLW
Column diameter: 0.32
Page 4
Y (x10^5)
Min
-o,o,o-TEPT
-Dichlorvos
-Mevinphos
-Chlormefos
-Thionazin
-Demeton-O
-Ethoprop
-Naled
-Sulfotepp
-Phorate
-Dimethoate
-Demeton-S
-Simazine
-Atrazine
-propazine
-Diazinon
-Methyl Parathion
-Ronnel
-Malathion
-Fenthion
-Chlorpyrifos
-Trichloronate
-Anilazine
-Merphos-A (Merphos)
-Tetrachlorvinphos (Stirop
-Tokuthion
-Merphos-B (Merphos Oxone)
-Carbophenothion-methyl
-Fensulfothion
-Bolstar / Famphur
-Carbophenothion
-Triphenyl phosphate
-Phosmet
-EPN
-Azinphos-methyl
-Azinphos-ethyl
-Coumaphos
Tributylphosphate
TOCP
\\DenSvr03\Public\chem\GCS\GC_D2,i\0626091,B\008F0801,D

Data File Name: 008F0801.D
Inj. Date and Time: 26-JUN-2009 20:45
Instrument ID: GC_D2.i
Client ID: OPP L2 GSV0640
Compound Name: Anilazine
CAS #:
Report Date: 06/30/2009



Original Integration

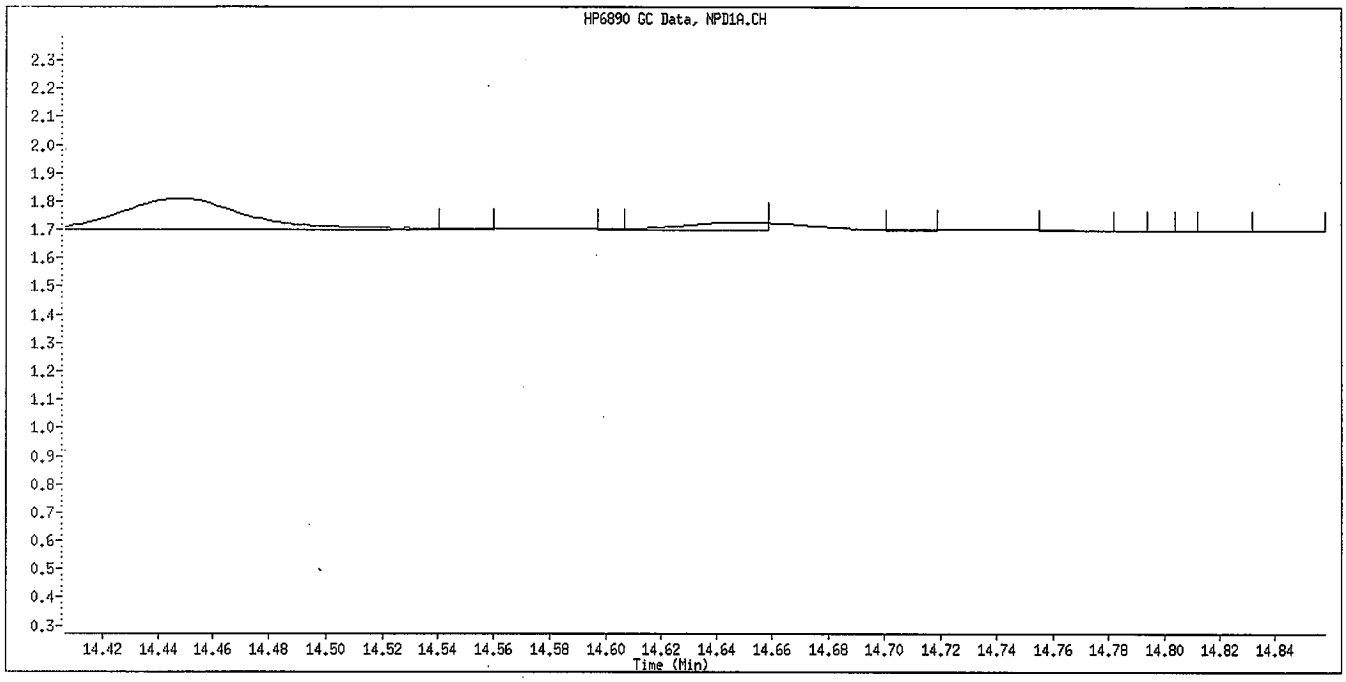


Manual Integration

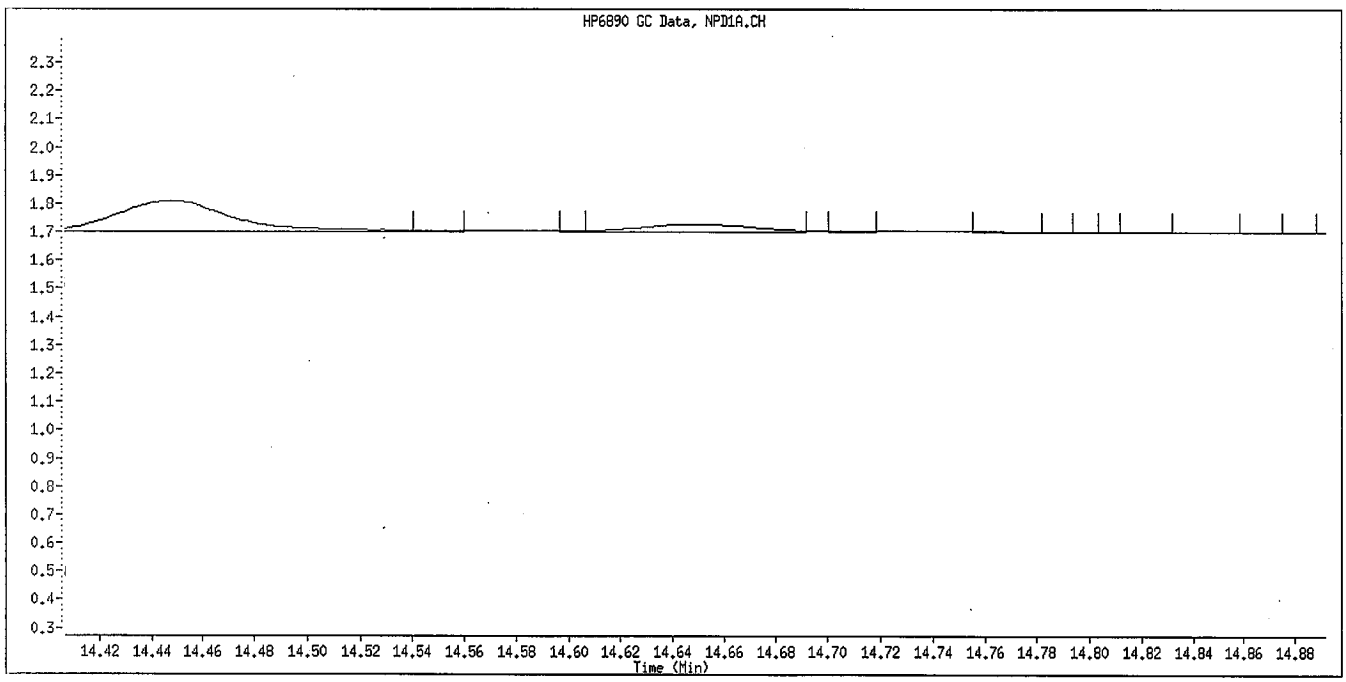
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

7/30/09

Data File Name: 008F0801.D
Inj. Date and Time: 26-JUN-2009 20:45
Instrument ID: GC_D2.i
Client ID: OPP L2 GSV0640
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\009F0901.D
Lab Smp Id: OPP L1 GSV0641 Client Smp ID: OPP L1 GSV0641
Inj Date : 26-JUN-2009 21:13
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L1 GSV0641
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Meth Date : 30-Jun-2009 12:45 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 20:45 Cal File: 008F0801.D
Als bottle: 9 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/mL)
	1 o,o,o-TEPT	3.258	3.254	(0.183)	32995	0.20000	0.2212
	2 Dichlorvos	4.081	4.074	(0.229)	21359	0.20000	0.2306
	3 Mevinphos	5.743	5.739	(0.322)	10777	0.20000	0.2118
$	4 Chlormefos	5.834	5.836	(0.327)	24167	0.20000	0.2083
	5 Thionazin	7.506	7.507	(0.421)	22524	0.20000	0.2127
	6 Demeton-O	7.646	7.649	(0.429)	9836	0.06500	0.07420
	7 Ethoprop	7.854	7.852	(0.440)	20488	0.20000	0.2208
	8 Naled	8.063	8.057	(0.452)	1992	0.20000	0.2720(M)
*	9 Tributylphosphate	8.114	8.135	(1.000)	165799	2.00000	
	10 Sulfotepp	8.439	8.442	(0.473)	34658	0.20000	0.1992
	11 Phorate	8.531	8.532	(0.478)	21475	0.20000	0.2235
	12 Dimethoate	8.664	8.659	(0.486)	20073	0.20000	0.1798
	13 Demeton-S	8.846	8.846	(0.496)	10751	0.13600	0.1328
	14 Simazine	8.926	8.924	(0.500)	4819	0.20000	0.2042(M)
	15 Atrazine	9.093	9.094	(0.510)	7432	0.20000	0.1717
	16 propazine	9.238	9.241	(0.518)	7824	0.20000	0.1959
	17 Disulfoton	9.868	9.869	(0.553)	15404	0.20000	0.2020
	18 Diazinon	9.904	9.902	(0.555)	23321	0.20000	0.2259
	19 Methyl Parathion	10.716	10.717	(0.601)	12987	0.20000	0.1984
	20 Ronnel	11.239	11.241	(0.630)	15128	0.20000	0.2236
	21 Malathion	11.801	11.804	(0.661)	15443	0.20000	0.2136
	22 Fenthion	11.931	11.932	(0.669)	15507	0.20000	0.2330
	23 Parathion	12.019	12.019	(0.674)	15083	0.20000	0.2130
	24 Chlorpyrifos	12.069	12.067	(0.676)	19655	0.20000	0.2294
	25 Trichloronate	12.494	12.496	(0.700)	15328	0.20000	0.2002
	26 Anilazine	12.824	12.817	(0.719)	1493	0.20000	0.2971(M)
	27 Merphos-A (Merphos)	13.199	13.199	(0.740)	13220	0.20000	0.2069
	28 Tetrachlorvinphos (Stirophos)	13.823	13.824	(0.775)	8134	0.20000	0.1916
	29 Tokuthion	14.448	14.449	(0.810)	15915	0.20000	0.2168
	30 Merphos-B (Merphos Oxone)	14.656	14.651	(0.821)	3884	0.20000	0.2457(M)
	31 Carbophenothion-methyl	15.238	15.239	(0.854)	14924	0.20000	0.2045
	32 Fensulfothion	15.364	15.361	(0.861)	8319	0.20000	0.2269
	33 Bolstar / Famphur	16.049	16.053	(0.899)	32824	0.40000	0.4674

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	16.193	16.197	(0.908)	16722	0.20000	0.2374
$	35 Triphenyl phosphate	16.709	16.712	(0.936)	11646	0.20000	0.2175
	36 Phosmet	16.963	16.963	(0.951)	12928	0.20000	0.2144
	37 EPN	17.148	17.151	(0.961)	9525	0.20000	0.2105
	38 Azinphos-methyl	17.478	17.480	(0.980)	12661	0.20000	0.1970
*	39 TOCP	17.843	17.846	(1.000)	105892	2.00000	
	40 Azinphos-ethyl	17.923	17.926	(1.004)	23154	0.20000	0.1978
	41 Coumaphos	18.364	18.366	(1.029)	10604	0.20000	0.2046
S	42 Merphos				17104	0.20000	0.2120
M	43 Total Demeton				20587	0.20000	0.2070

QC Flag Legend

M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 009F0901.D
Lab Smp Id: OPP L1 GSV0641
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 26-JUN-2009
Calibration Time: 19:50
Client Smp ID: OPP L1 GSV0641
Level:
Sample Type:

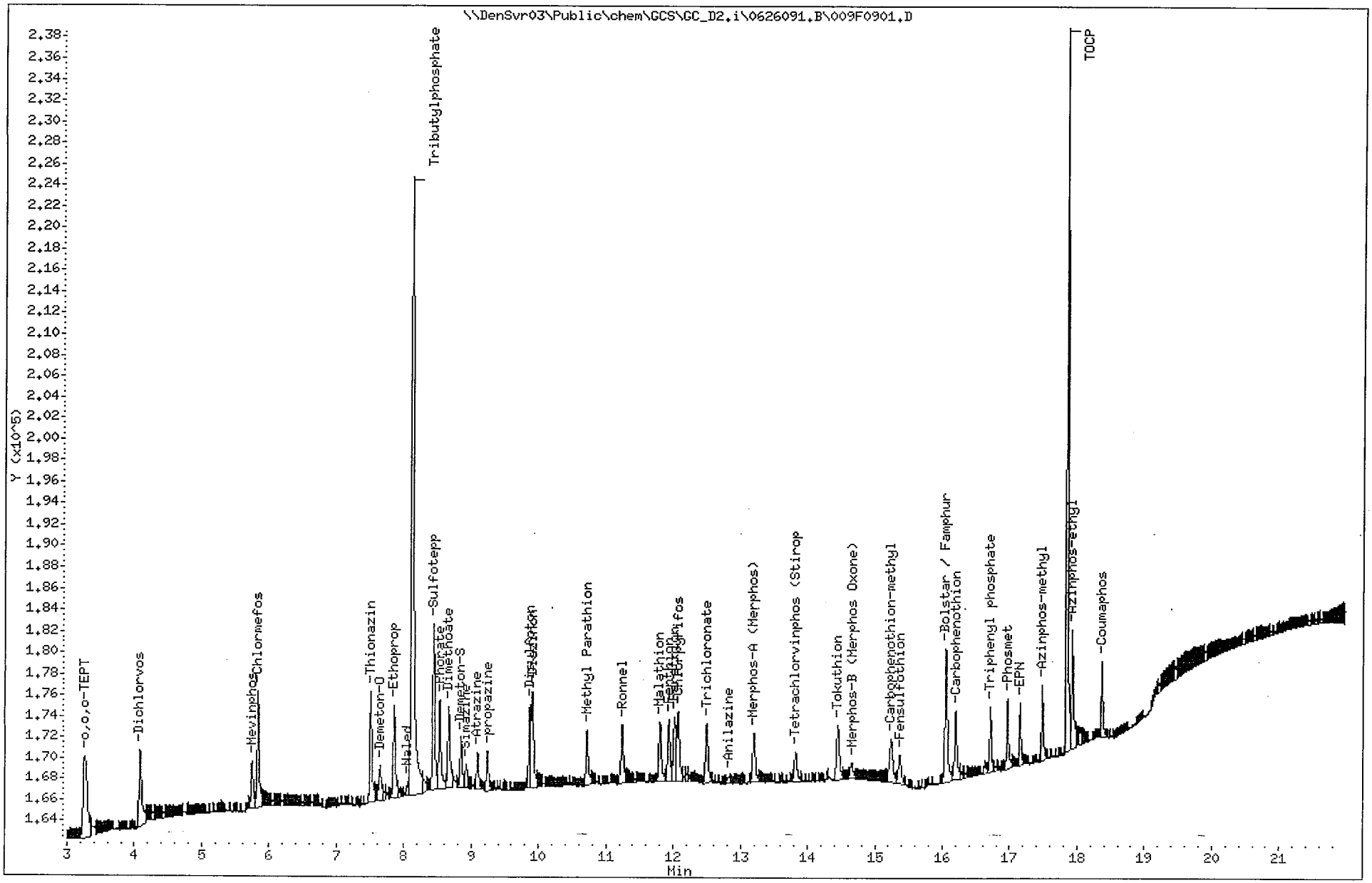
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	160310	80155	320620	165799	3.42
39 TOCP	97363	48682	194726	105892	8.76

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.11	7.61	8.61	8.11	0.03
39 TOCP	17.84	17.34	18.34	17.84	-0.01

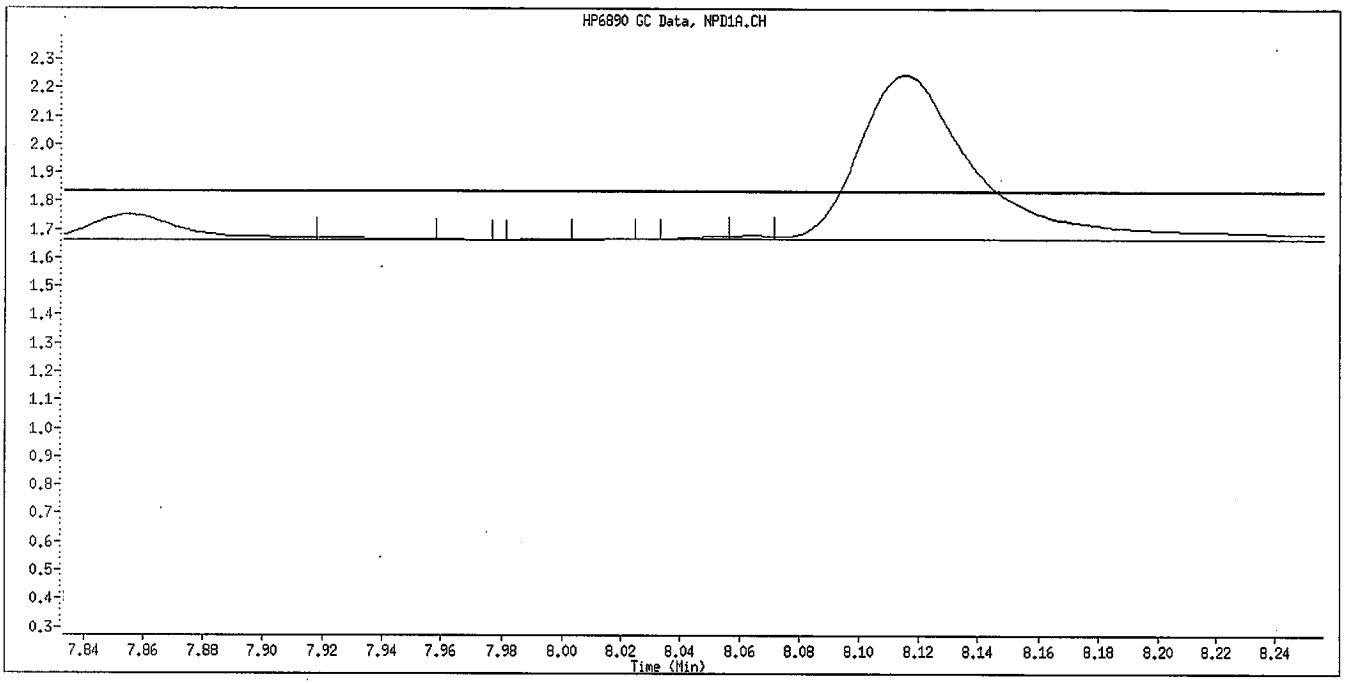
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\009F0901.D
Date : 26-JUN-2009 21:13
Client ID: OPP L1 GSV0641
Sample Info: OPP L1 GSV0641

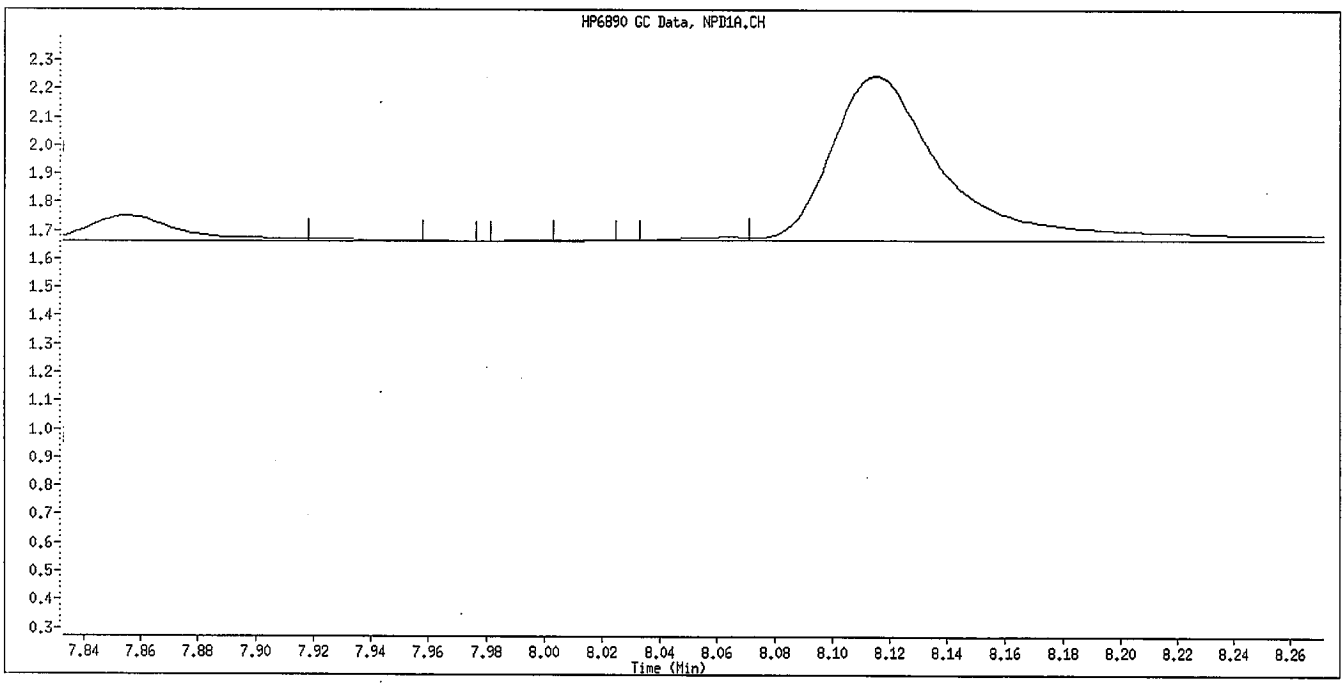
Instrument: GC_D2.i
Operator: MPK/TLW
Column phase: RTx-1MS
Column diameter: 0.32



Data File Name: 009F0901.D
Inj. Date and Time: 26-JUN-2009 21:13
Instrument ID: GC_D2.i
Client ID: OPP L1 GSV0641
Compound Name: Naled
CAS #:
Report Date: 06/30/2009



Original Integration

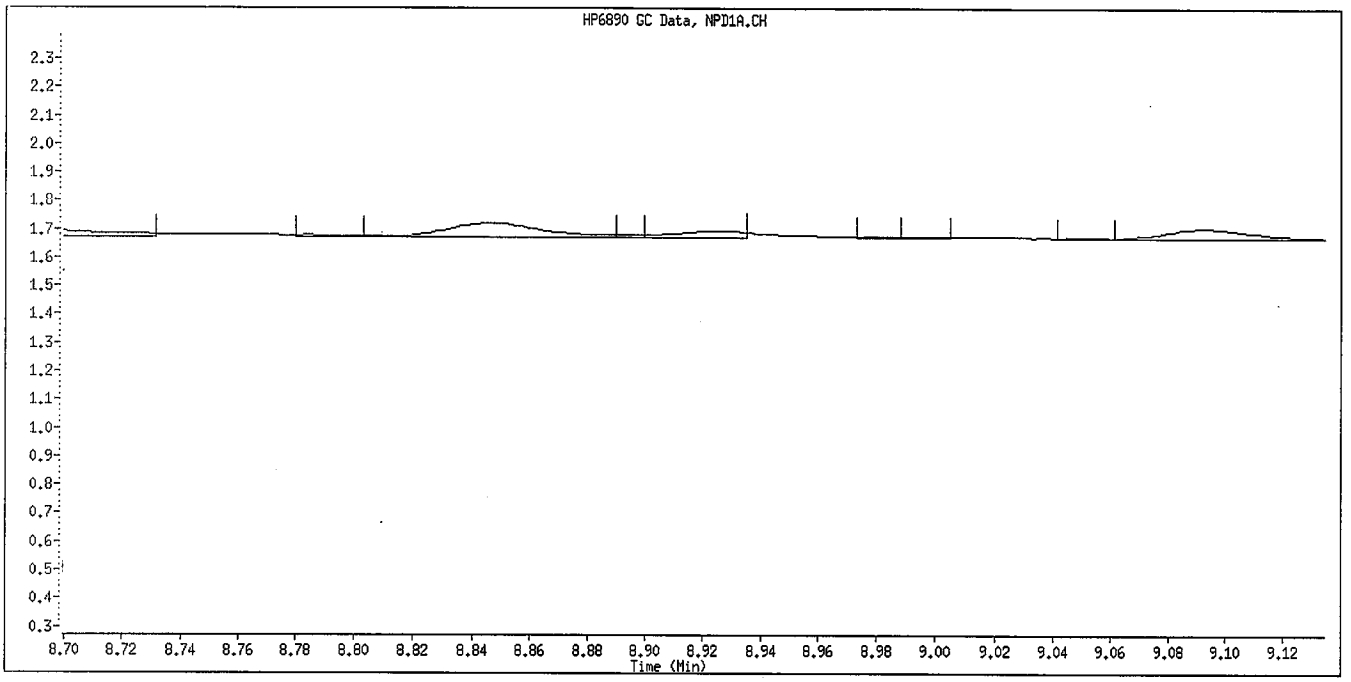


Manual Integration

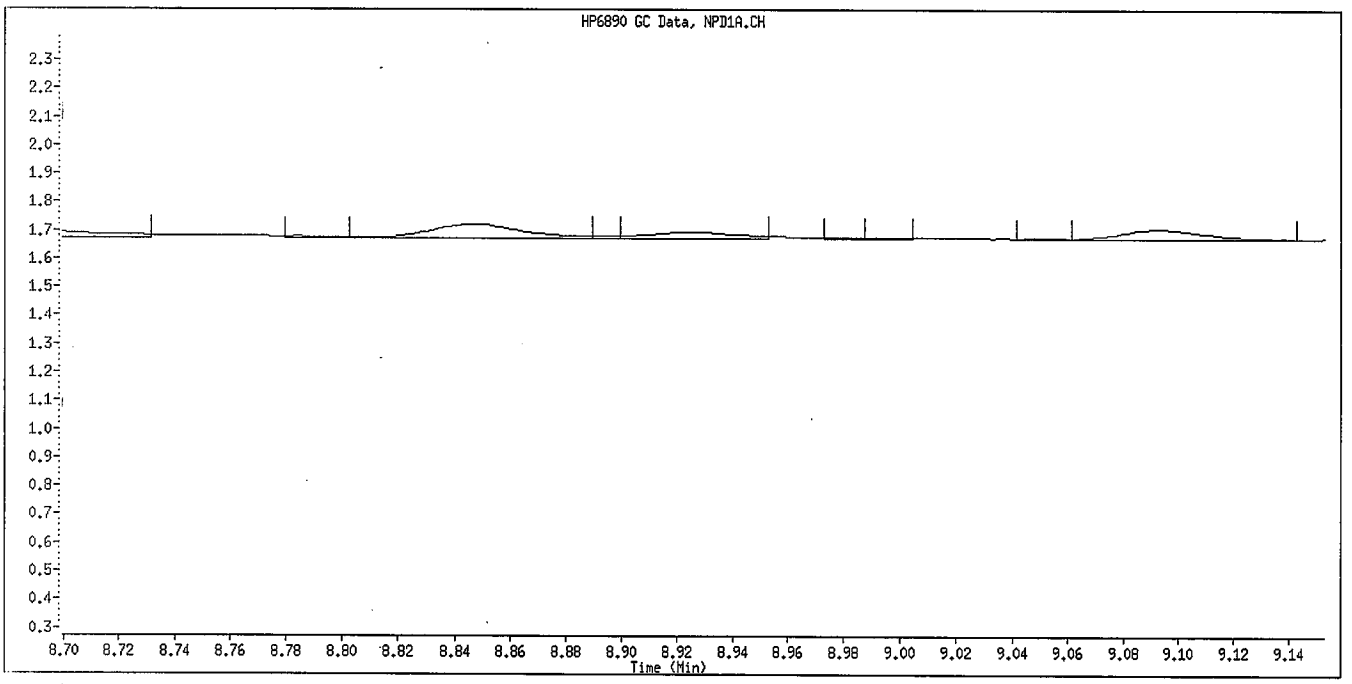
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 009F0901.D
Inj. Date and Time: 26-JUN-2009 21:13
Instrument ID: GC_D2.i
Client ID: OPP L1 GSV0641
Compound Name: Simazine
CAS #:
Report Date: 06/30/2009



Original Integration

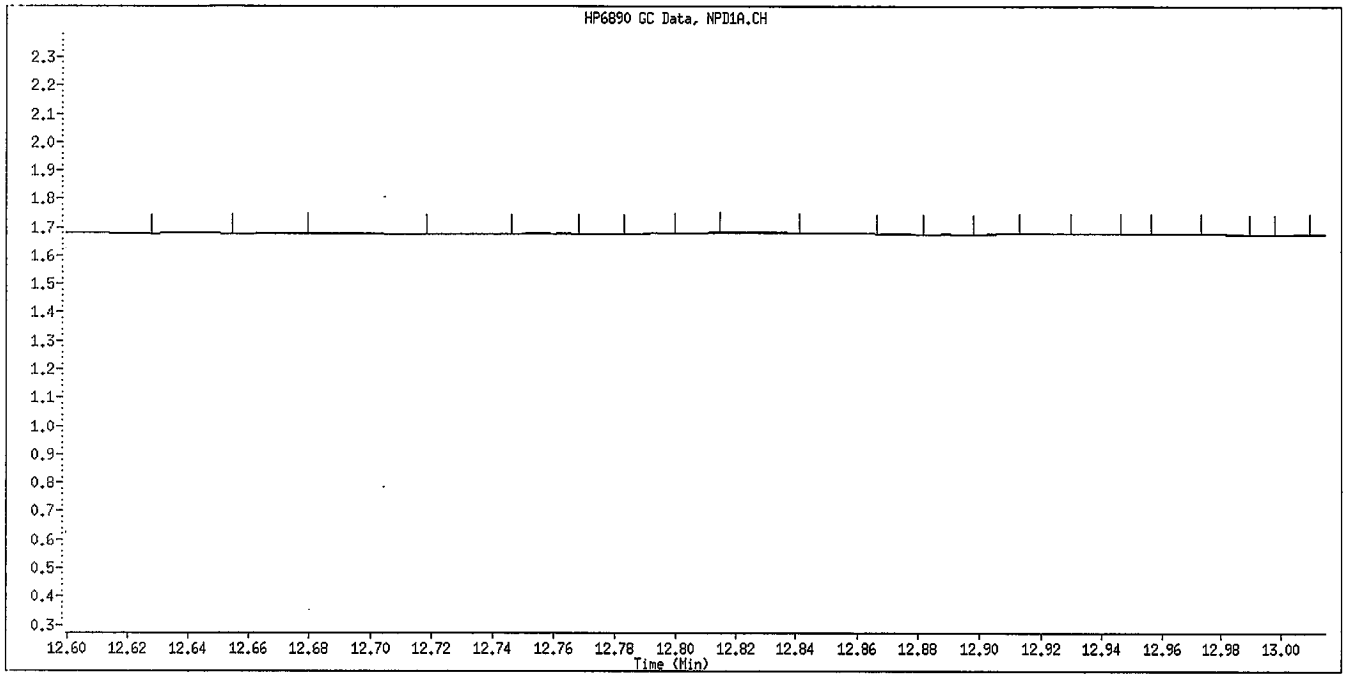


Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 009F0901.D
Inj. Date and Time: 26-JUN-2009 21:13
Instrument ID: GC_D2.i
Client ID: OPP L1 GSV0641
Compound Name: Anilazine
CAS #:
Report Date: 06/30/2009



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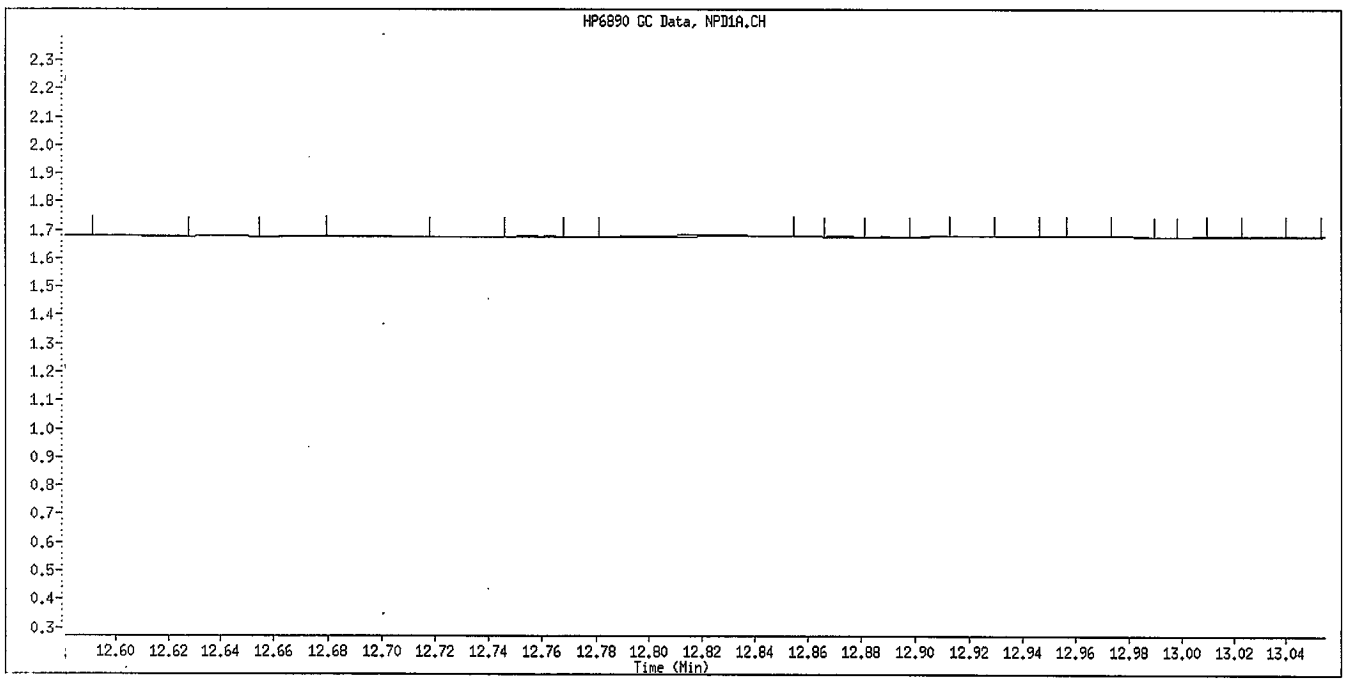
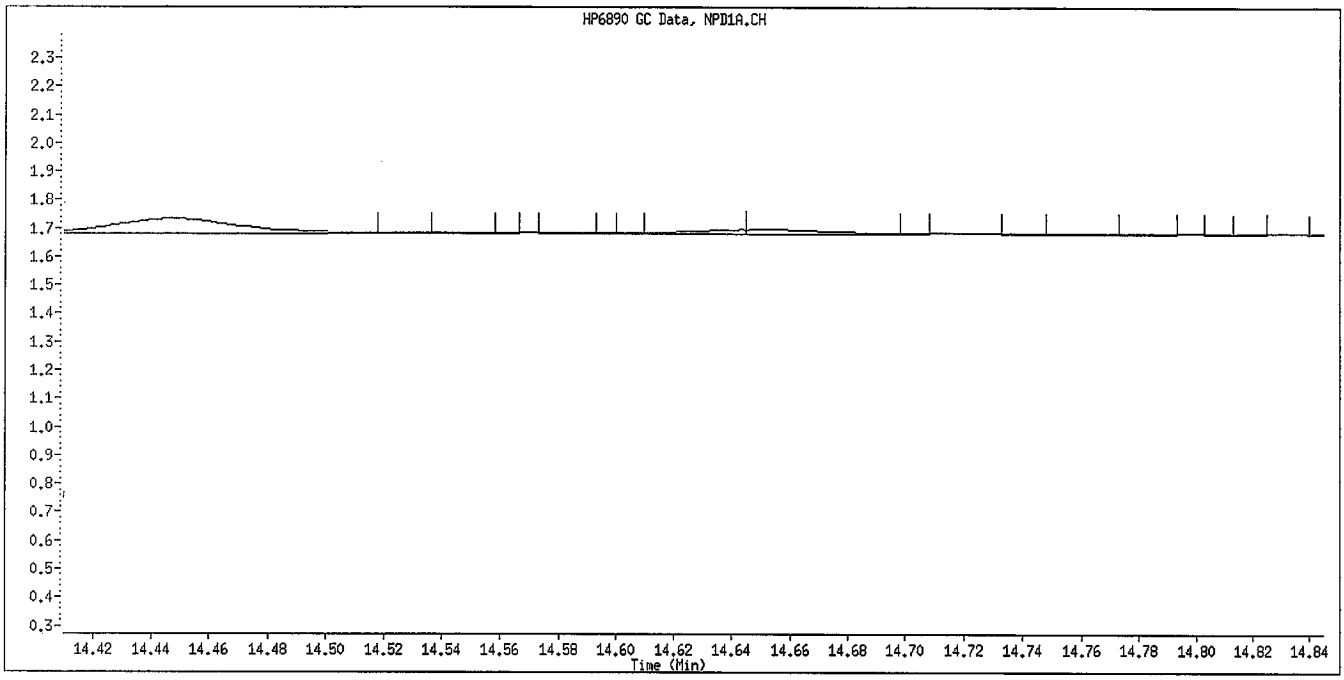


Manual Integration

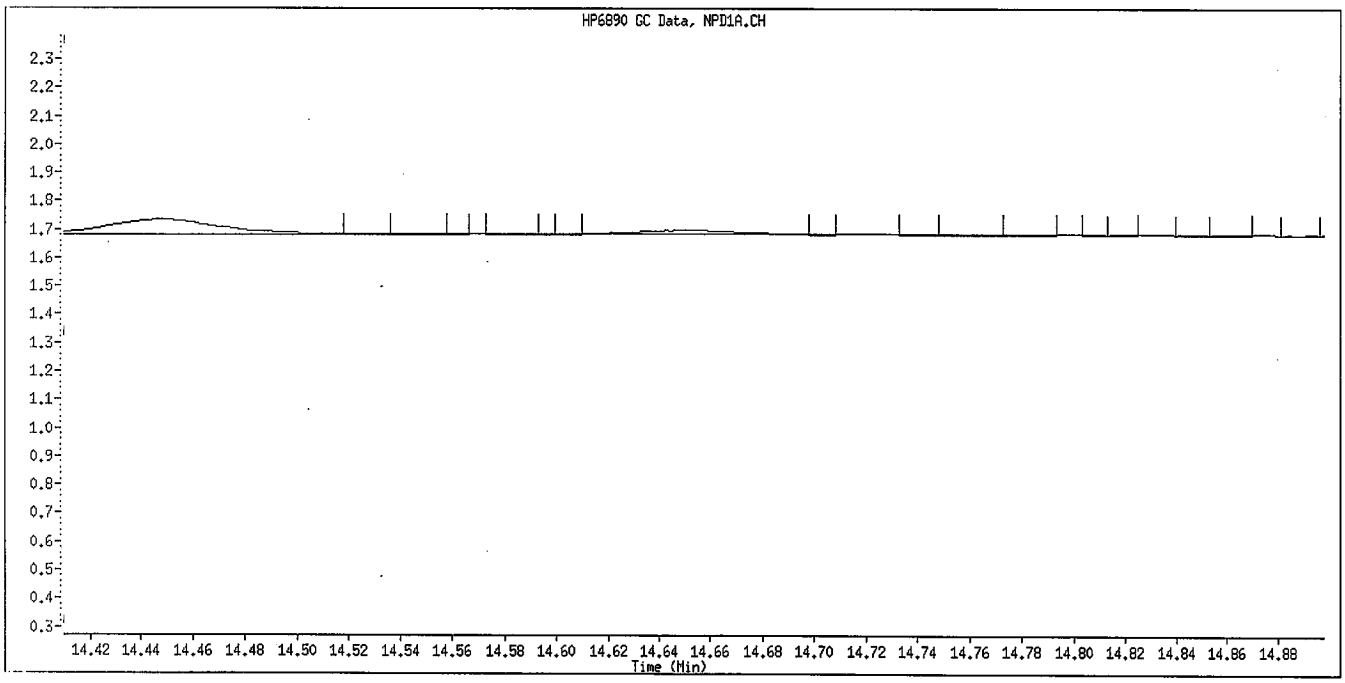
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 009F0901.D
Inj. Date and Time: 26-JUN-2009 21:13
Instrument ID: GC_D2.i
Client ID: OPP L1 GSV0641
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\010F1001.D
Lab Smp Id: OPP SS GSV0633 Client Smp ID: OPP SS GSV0633
Inj Date : 26-JUN-2009 21:40
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP SS GSV0633
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Meth Date : 30-Jun-2009 12:45 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 10 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1 o,o,o-TEPT	3.252	3.254	(0.182)	288886	2.00000	2.058
	2 Dichlorvos	4.074	4.074	(0.228)	166172	2.00000	1.906
	3 Mevinphos	5.737	5.739	(0.322)	81302	2.00000	1.698
$	4 Chlormefos	5.834	5.836	(0.327)	194413	2.00000	1.781
	5 Thionazin	7.504	7.507	(0.421)	196672	2.00000	1.974
	6 Demeton-O	7.645	7.649	(0.429)	175593	0.65000	1.871
	7 Ethoprop	7.849	7.852	(0.440)	179292	2.00000	2.054
	8 Naled	8.054	8.057	(0.451)	23739	2.00000	1.198
*	9 Tributylphosphate	8.112	8.135	(1.000)	166572	2.00000	
	10 Sulfotepp	8.437	8.442	(0.473)	226133	2.00000	1.793
	11 Phorate	8.529	8.532	(0.478)	182466	2.00000	2.018
	12 Dimethoate	8.654	8.659	(0.485)	219089	2.00000	2.086
	13 Demeton-S	8.842	8.846	(0.496)	17618	1.36000	0.2313
	14 Simazine	8.919	8.924	(0.500)	92634	2.00000	2.622
	15 Atrazine	9.089	9.094	(0.509)	79689	2.00000	1.957
	16 propazine	9.235	9.241	(0.518)	71876	2.00000	1.913
	17 Disulfoton	9.865	9.869	(0.553)	98052	2.00000	1.589
	18 Diazinon	9.900	9.902	(0.555)	209627	2.00000	2.158
	19 Methyl Parathion	10.714	10.717	(0.600)	125682	2.00000	2.040
	20 Ronnel	11.237	11.241	(0.630)	136977	2.00000	2.151
	21 Malathion	11.799	11.804	(0.661)	94998	2.00000	1.625
	22 Fenthion	11.929	11.932	(0.669)	117968	2.00000	1.884
	23 Parathion	12.017	12.019	(0.674)	129518	2.00000	1.944
	24 Chlorpyrifos	12.067	12.067	(0.676)	158990	2.00000	1.972
	25 Trichloronate	12.492	12.496	(0.700)	134163	2.00000	1.862
	26 Anilazine	12.817	12.817	(0.718)	5585	2.00000	1.015
	27 Merphos-A (Merphos)	13.195	13.199	(0.740)	24516	2.00000	0.4078
	28 Tetrachlorvinphos (Stirophos)	13.817	13.824	(0.774)	83430	2.00000	2.088
	29 Tokuthion	14.444	14.449	(0.810)	139904	2.00000	2.025
	30 Merphos-B (Merphos Oxone)	14.647	14.651	(0.821)	107349	2.00000	6.623(A)
	31 Carbophenothion-methyl	15.234	15.239	(0.854)	73477	2.00000	1.354
	32 Fensulfothion	15.355	15.361	(0.861)	108213	2.00000	1.924
	33 Bolstar / Famphur	16.047	16.053	(0.899)	268528	4.00000	4.064

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	16.194	16.197	(0.908)	123570	2.00000	1.864
$	35 Triphenyl phosphate	16.709	16.712	(0.936)	86501	2.00000	1.717
	36 Phosmet	16.960	16.963	(0.951)	93465	2.00000	1.647
	37 EPN	17.147	17.151	(0.961)	96842	2.00000	1.793
	38 Azinphos-methyl	17.477	17.480	(0.980)	116249	2.00000	1.922
*	39 TOCP	17.842	17.846	(1.000)	99647	2.00000	
	40 Azinphos-ethyl	17.922	17.926	(1.004)	124764	2.00000	1.833
	41 Coumaphos	18.362	18.366	(1.029)	97846	2.00000	2.006
S	42 Merphos				131865	2.00000	1.737
M	43 Total Demeton				193211	2.00000	2.102

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

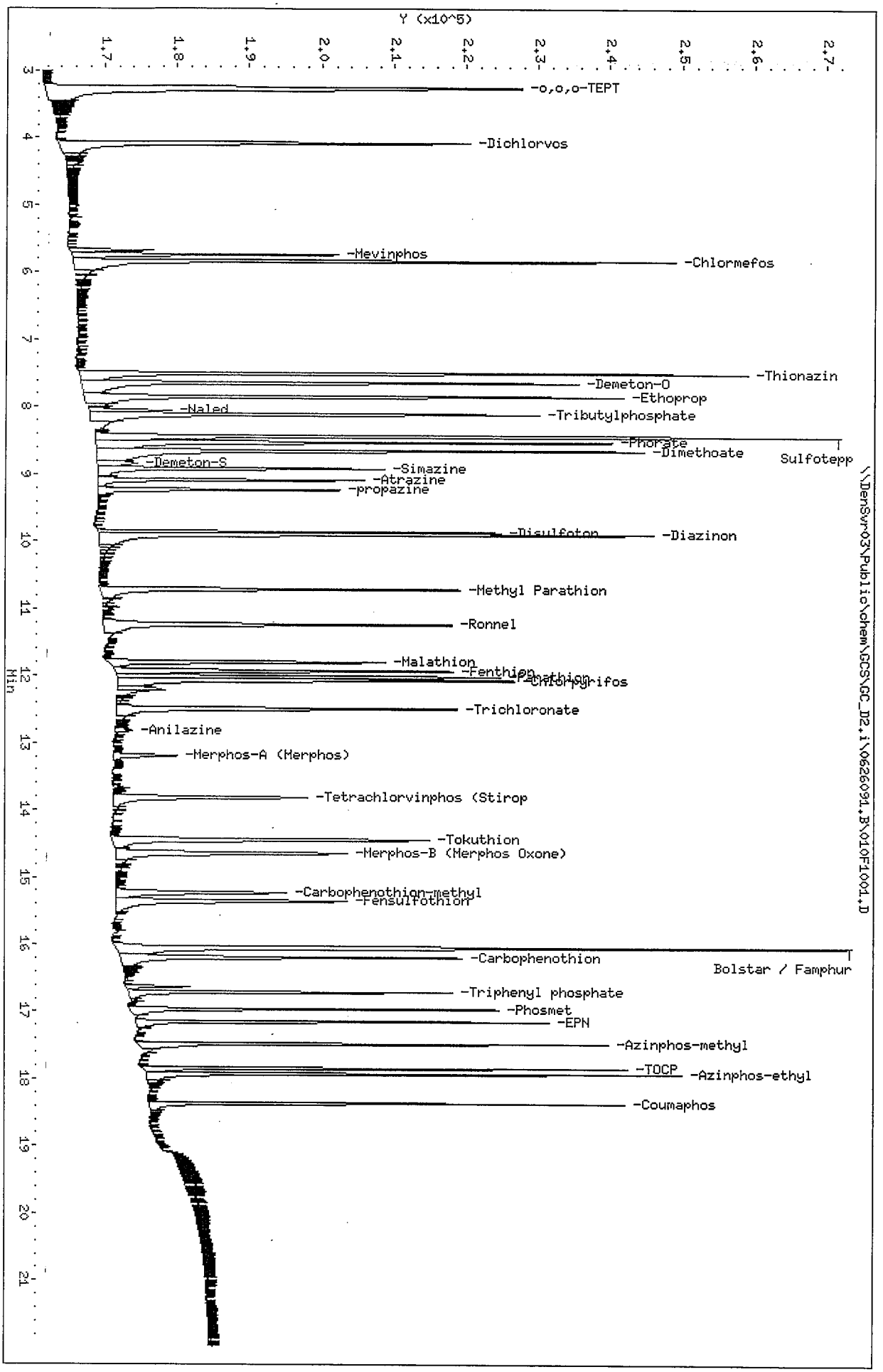
Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Lab Smp Id: OPP SS GSV0633
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 26-JUN-2009
Calibration Time: 19:50
Client Smp ID: OPP SS GSV0633
Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	160310	80155	320620	166572	3.91
39 TOCP	97363	48682	194726	99647	2.35

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.11	7.61	8.61	8.11	0.00
39 TOCP	17.84	17.34	18.34	17.84	-0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



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Date : 26-JUN-2009 21:40
Client ID: OPP SS GSV0633
Sample Info: OPP SS GSV0633
Column phase: RTx-1HS

Instrument: GC_D2,i
Operator: HPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\003F0301.D
Lab Smp Id: OPP L7 GSV0634 Client Smp ID: OPP L7 GSV0634
Inj Date : 26-JUN-2009 18:28
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L7 GSV0634
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Meth Date : 30-Jun-2009 12:58 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 3 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1 o,o,o-TEPT	4.729	4.731	(0.251)	421372	5.00000	4.907
	2 Dichlorvos	6.546	6.546	(0.348)	359024	5.00000	5.355(A)
$	3 Chlormefos	7.383	7.384	(0.392)	338585	5.00000	5.016(A)
	4 Mevinphos	9.233	9.234	(0.491)	238906	5.00000	5.290(A)
	5 Demeton-O	9.733	9.734	(0.517)	69239	1.62500	1.609
	6 Thionazin	9.984	9.984	(0.531)	338015	5.00000	5.005(A)
	7 Ethoprop	10.499	10.499	(0.558)	242747	5.00000	4.810
	8 Phorate	10.538	10.539	(0.560)	289868	5.00000	4.953
	9 Naled	10.939	10.939	(0.581)	78857	5.00000	5.109(A)
	10 Sulfotepp	11.018	11.017	(0.586)	427657	5.00000	4.845(A)
*	11 Tributylphosphate	11.116	11.116	(1.000)	139264	2.00000	
	12 Simazine	11.401	11.399	(0.606)	68046	5.00000	5.383(A)
	13 Diazinon	11.541	11.541	(0.613)	228810	5.00000	4.801
	14 Atrazine	11.584	11.584	(0.616)	128612	5.00000	4.879(A)
	15 Propazine	11.746	11.747	(0.624)	110050	5.00000	4.930
	16 Disulfoton	12.049	12.049	(0.640)	228764	5.00000	4.914
	17 Demeton-S	12.124	12.124	(0.644)	175573	3.40000	3.111
	18 Dimethoate	13.283	13.282	(0.706)	319454	5.00000	5.120(A)
	19 Ronnel	13.588	13.587	(0.722)	211449	5.00000	5.035(A)
	20 Merphos-A (Merphos)	13.689	13.689	(1.231)	217509	5.00000	4.310(A)
	21 Chlorpyrifos	14.411	14.409	(0.766)	227882	5.00000	5.350(A)
	22 Fenthion	14.663	14.662	(0.779)	196942	5.00000	4.985
	23 Trichloronate	14.711	14.711	(0.782)	296442	5.00000	5.242(A)
	24 Anilazine	15.214	15.216	(0.809)	19108	5.00000	5.242(A)
	25 Methyl Parathion	15.521	15.519	(0.825)	235511	5.00000	5.522(A)
	26 Malathion	15.724	15.724	(0.836)	212190	5.00000	5.311(A)
	27 Tokuthion	16.344	16.344	(0.869)	233715	5.00000	4.996
	28 Parathion	16.493	16.494	(0.877)	213175	5.00000	5.073(AM)
	29 Merphos-B (Merphos Oxone)	16.514	16.517	(1.486)	65080	5.00000	4.212(AM)
	30 Tetrachlorvinphos (stirophos)	16.976	16.977	(0.902)	143806	5.00000	5.290(A)
	31 Carbophenothion methyl	17.081	17.082	(0.908)	210272	5.00000	5.396(A)
	32 Bolstar	17.441	17.440	(0.927)	199405	5.00000	4.858
	33 Carbophenothion	17.523	17.524	(0.931)	212727	5.00000	5.271(A)

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	34 Triphenyl phosphate	18.279	18.281	(0.972)	167127	5.00000	5.046 (A)
	35 Fensulfothion	18.558	18.559	(0.986)	152929	5.00000	5.029 (A)
*	36 TOCP	18.814	18.816	(1.000)	66384	2.00000	
	37 Phosmet / EPN	18.908	18.909	(1.005)	330448	10.0000	9.819 (A)
	38 Famphur	19.011	19.011	(1.010)	220404	5.00000	5.062 (A)
	39 Azinphos-methyl	19.146	19.147	(1.018)	197822	5.00000	4.967
	40 Azinphos-ethyl	19.364	19.366	(1.029)	187035	5.00000	4.930
	41 Coumaphos	20.348	20.347	(1.081)	155426	5.00000	5.329 (A)
S	42 Merphos				282589	5.00000	5.108 (A)
M	43 Total Demeton				244812	5.00000	4.720

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

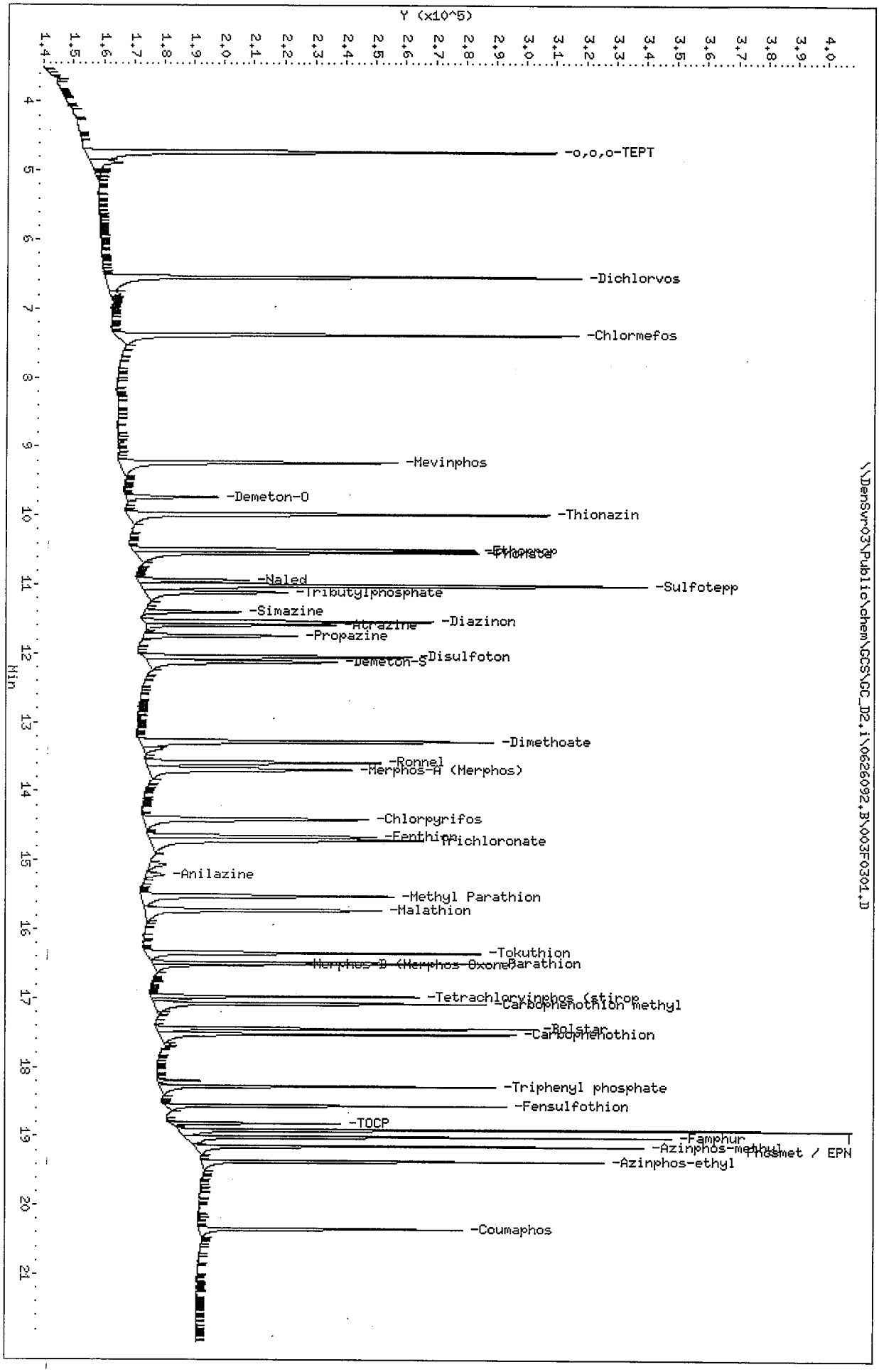
Instrument ID: GC_D2.i
Lab File ID: 003F0301.D
Lab Smp Id: OPP L7 GSV0634
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Misc Info:

Calibration Date: 26-JUN-2009
Calibration Time: 21:40
Client Smp ID: OPP L7 GSV0634
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	123933	61967	247866	139264	12.37
36 TOCP	68831	34416	137662	66384	-3.56

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.12	0.01
36 TOCP	18.82	18.32	19.32	18.81	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



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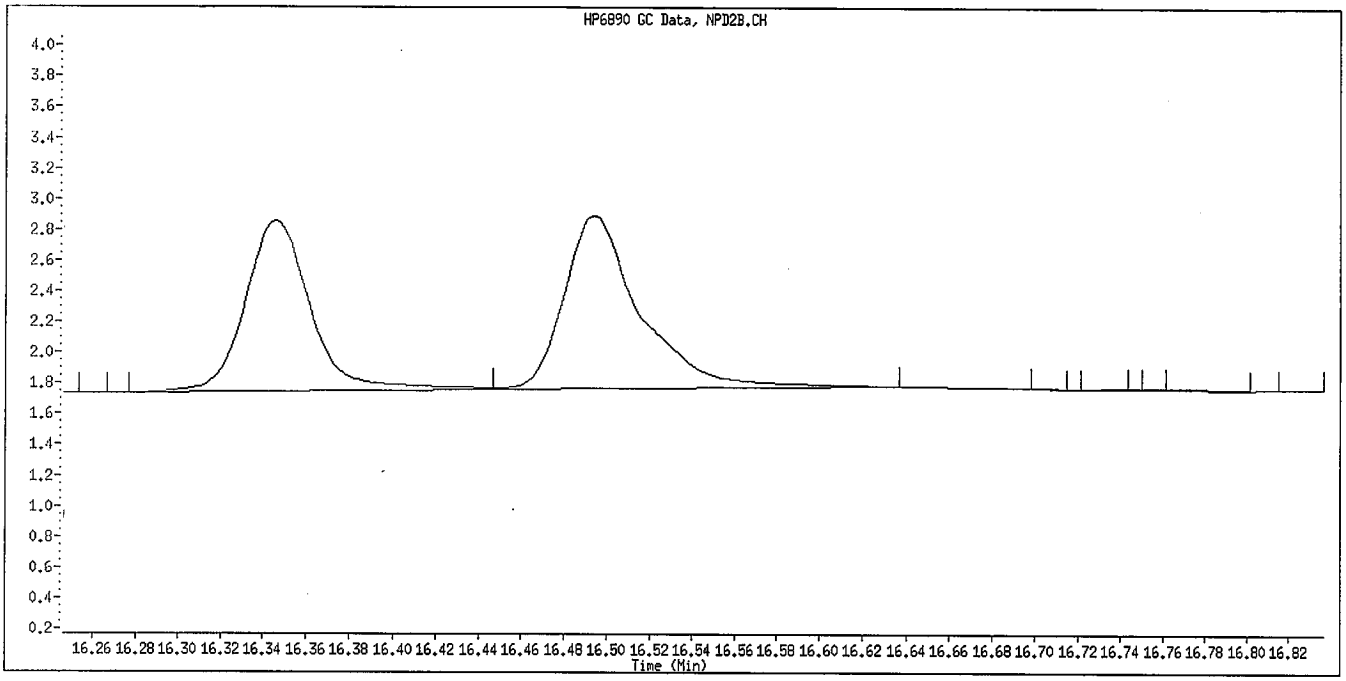
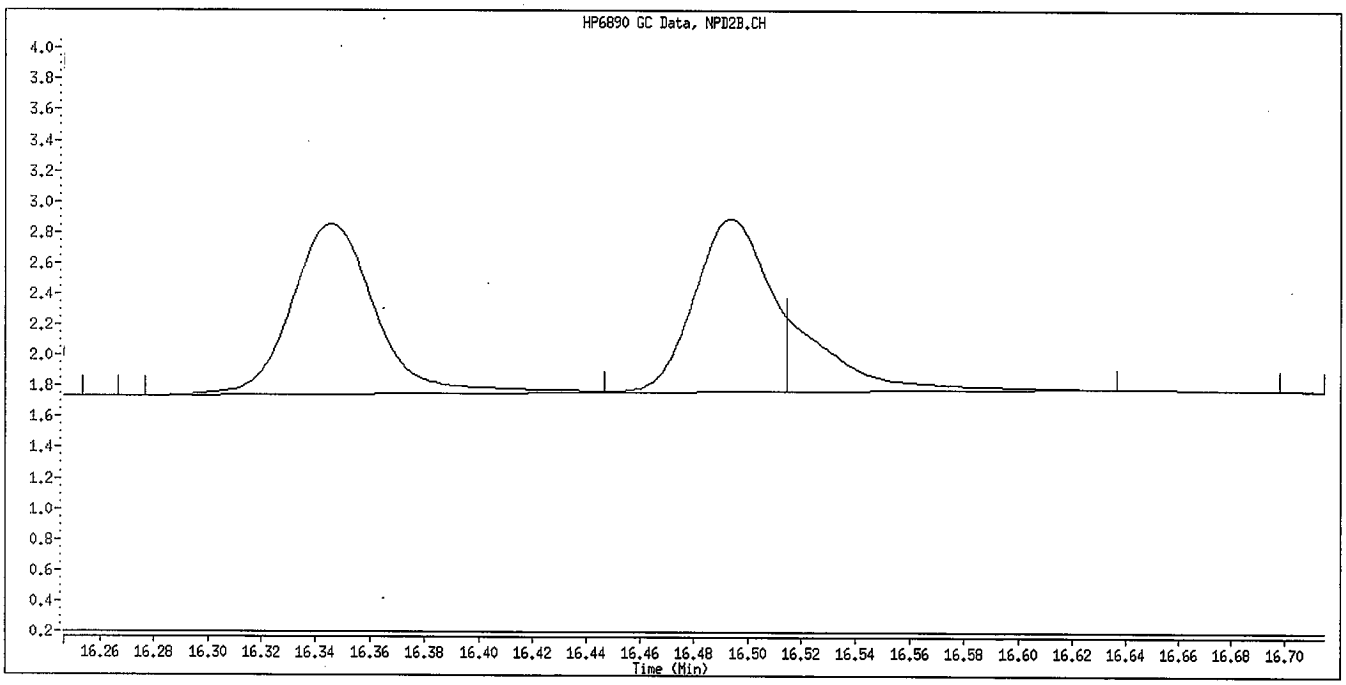
Date : 26-JUN-2009 18:28
Client ID: OPP L7 GSV0634
Sample Info: OPP L7 GSV0634
Column phase: RTx-OPPest

Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

Data File Name: 003F0301.D
Inj. Date and Time: 26-JUN-2009 18:28
Instrument ID: GC_D2.i
Client ID: OPP L7 GSV0634
Compound Name: Parathion
CAS #:
Report Date: 06/30/2009



Original Integration

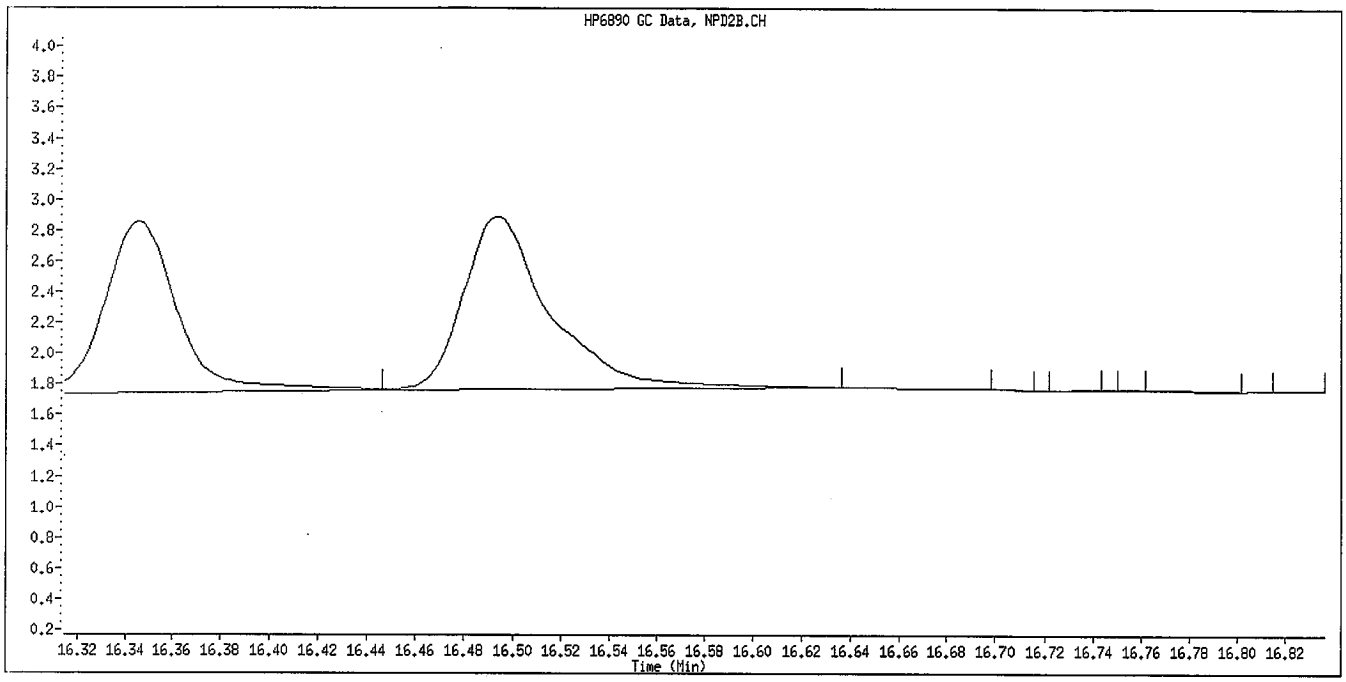


Manual Integration

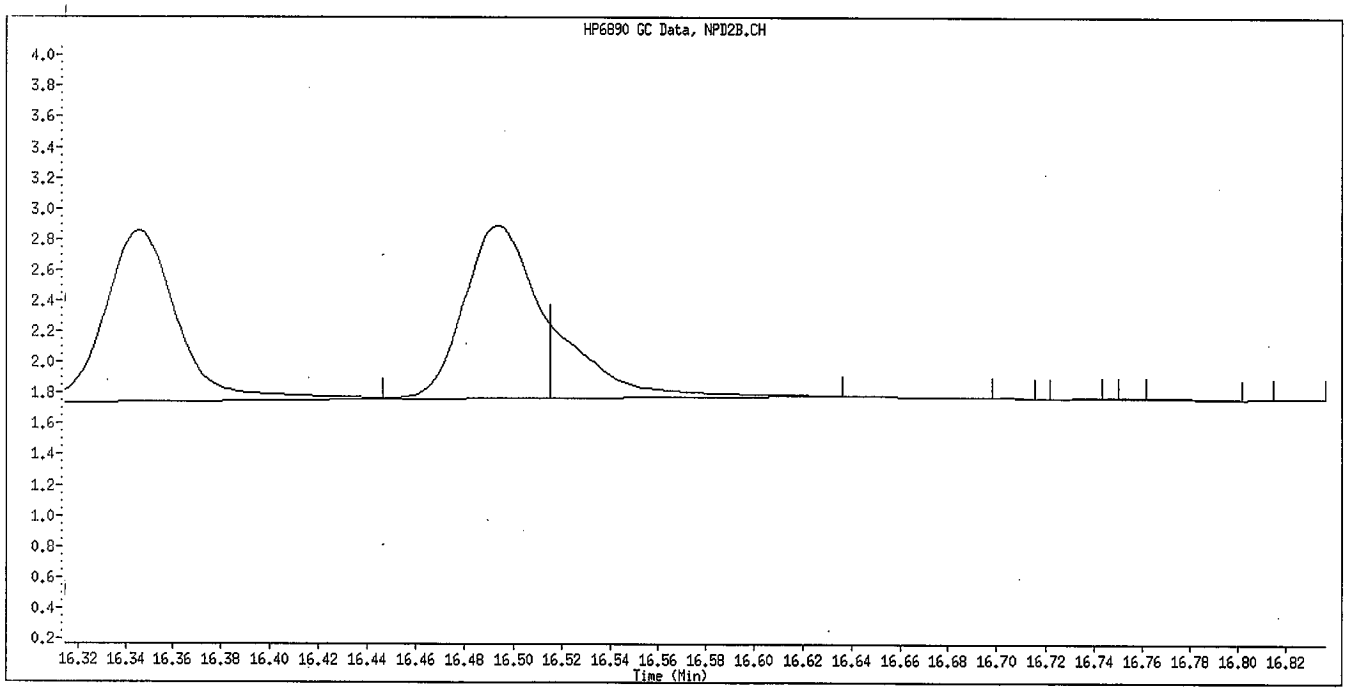
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 003F0301.D
Inj. Date and Time: 26-JUN-2009 18:28
Instrument ID: GC_D2.i
Client ID: OPP L7 GSV0634
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\004F0401.D
Lab Smp Id: OPP L6 GSV0637 Client Smp ID: OPP L6 GSV0637
Inj Date : 26-JUN-2009 18:55
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L6 GSV0637
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Meth Date : 30-Jun-2009 12:58 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 18:28 Cal File: 003F0301.D
Als bottle: 4 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1 o,o,o-TEPT	4.729	4.731	(0.251)	328646	4.00000	4.043
	2 Dichlorvos	6.546	6.546	(0.348)	257298	4.00000	4.054
$	3 Chlormefos	7.384	7.384	(0.392)	258146	4.00000	4.040
	4 Mevinphos	9.234	9.234	(0.491)	177060	4.00000	4.141
	5 Demeton-O	9.734	9.734	(0.517)	56273	1.30000	1.381
	6 Thionazin	9.984	9.984	(0.531)	276609	4.00000	4.326
	7 Ethoprop	10.499	10.499	(0.558)	193617	4.00000	4.053
	8 Phorate	10.537	10.539	(0.560)	250422	4.00000	4.520
	9 Naled	10.941	10.939	(0.582)	58330	4.00000	4.051
	10 Sulfotepp	11.017	11.017	(0.586)	337512	4.00000	4.039(A)
*	11 Tributylphosphate	11.116	11.116	(1.000)	118534	2.00000	
	12 Simazine	11.401	11.399	(0.606)	52173	4.00000	4.360(A)
	13 Diazinon	11.541	11.541	(0.613)	181790	4.00000	4.034
	14 Atrazine	11.582	11.584	(0.616)	98759	4.00000	4.001(A)
	15 Propazine	11.746	11.747	(0.624)	85745	4.00000	4.068
	16 Disulfoton	12.049	12.049	(0.640)	184026	4.00000	4.176
	17 Demeton-S	12.124	12.124	(0.644)	157195	2.72000	2.948
	18 Dimethoate	13.282	13.282	(0.706)	236550	4.00000	4.005
	19 Ronnel	13.589	13.587	(0.722)	165534	4.00000	4.164
	20 Merphos-A (Merphos)	13.689	13.689	(1.231)	178652	4.00000	4.159(A)
	21 Chlorpyrifos	14.409	14.409	(0.766)	174421	4.00000	4.326
	22 Fenthion	14.662	14.662	(0.779)	149338	4.00000	3.993
	23 Trichloronate	14.709	14.711	(0.782)	208762	4.00000	3.926
	24 Anilazine	15.216	15.216	(0.809)	13112	4.00000	3.800(M)
	25 Methyl Parathion	15.519	15.519	(0.825)	167086	4.00000	4.138(A)
	26 Malathion	15.724	15.724	(0.836)	151738	4.00000	4.012
	27 Tokuthion	16.346	16.344	(0.869)	187169	4.00000	4.226
	28 Parathion	16.492	16.494	(0.877)	170901	4.00000	4.296(M)
	29 Merphos-B (Merphos Oxone)	16.514	16.517	(1.486)	62127	4.00000	4.736(AM)
	30 Tetrachlorvinphos (stirophos)	16.976	16.977	(0.902)	109740	4.00000	4.264
	31 Carbophenothion methyl	17.081	17.082	(0.908)	159411	4.00000	4.322
	32 Bolstar	17.441	17.440	(0.927)	154382	4.00000	3.973
	33 Carbophenothion	17.522	17.524	(0.931)	154486	4.00000	4.043(A)

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	34 Triphenyl phosphate	18.279	18.281	(0.972)	125543	4.00000	4.004
	35 Fensulfothion	18.557	18.559	(0.986)	126221	4.00000	4.385
*	36 TOCP	18.814	18.816	(1.000)	62844	2.00000	
	37 Phosmet / EPN	18.907	18.909	(1.005)	263604	8.00000	8.261(A)
	38 Famphur	19.009	19.011	(1.010)	175421	4.00000	4.256
	39 Azinphos-methyl	19.144	19.147	(1.018)	160515	4.00000	4.257
	40 Azinphos-ethyl	19.362	19.366	(1.029)	144031	4.00000	4.011
	41 Coumaphos	20.346	20.347	(1.081)	118936	4.00000	4.308
S	42 Merphos				240779	4.00000	4.597(A)
M	43 Total Demeton				213468	4.00000	4.330

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

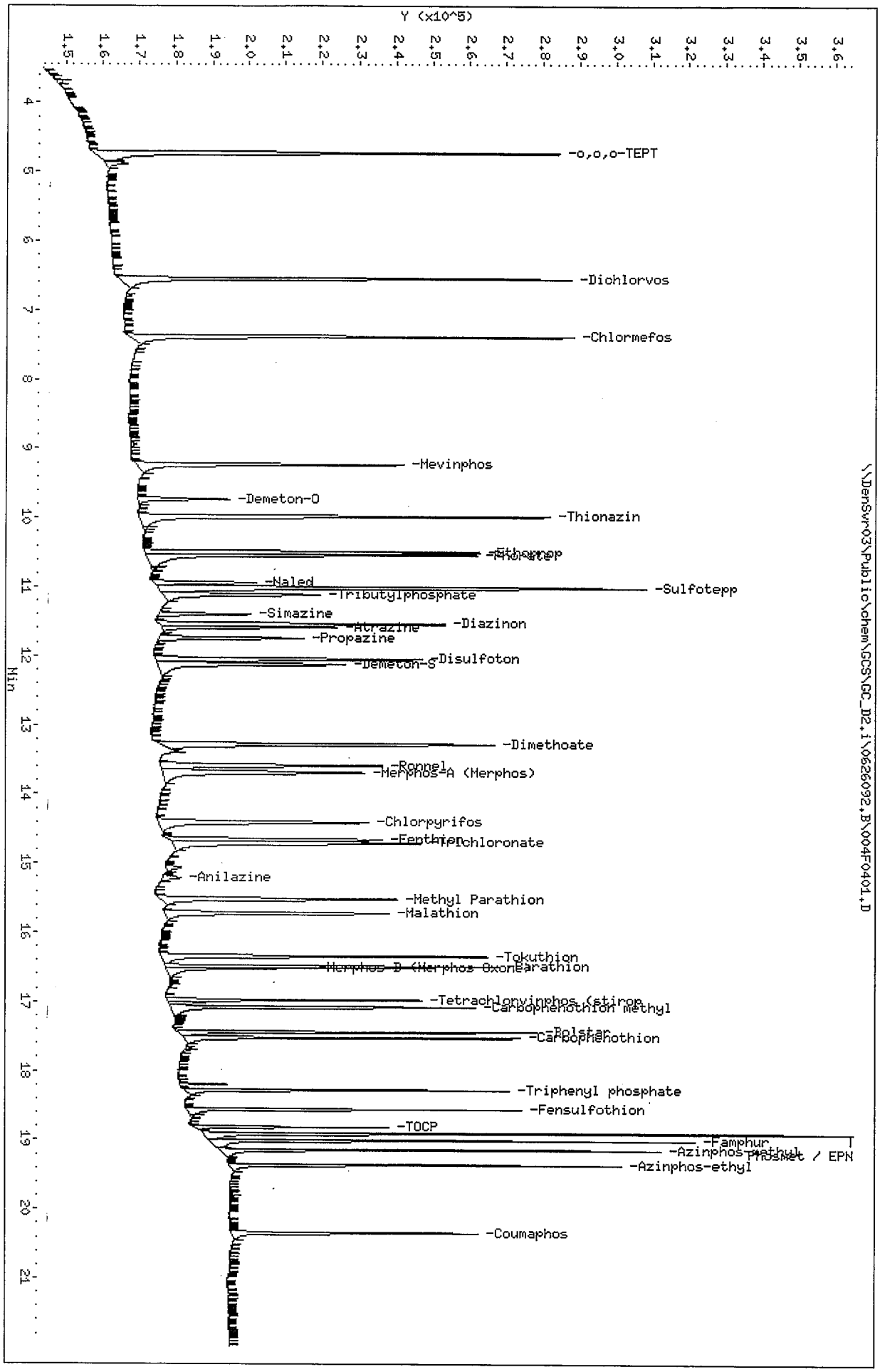
Instrument ID: GC_D2.i
Lab File ID: 004F0401.D
Lab Smp Id: OPP L6 GSV0637
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Misc Info:

Calibration Date: 26-JUN-2009
Calibration Time: 21:40
Client Smp ID: OPP L6 GSV0637
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	123933	61967	247866	118534	-4.36
36 TOCP	68831	34416	137662	62844	-8.70

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.12	0.01
36 TOCP	18.82	18.32	19.32	18.81	-0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



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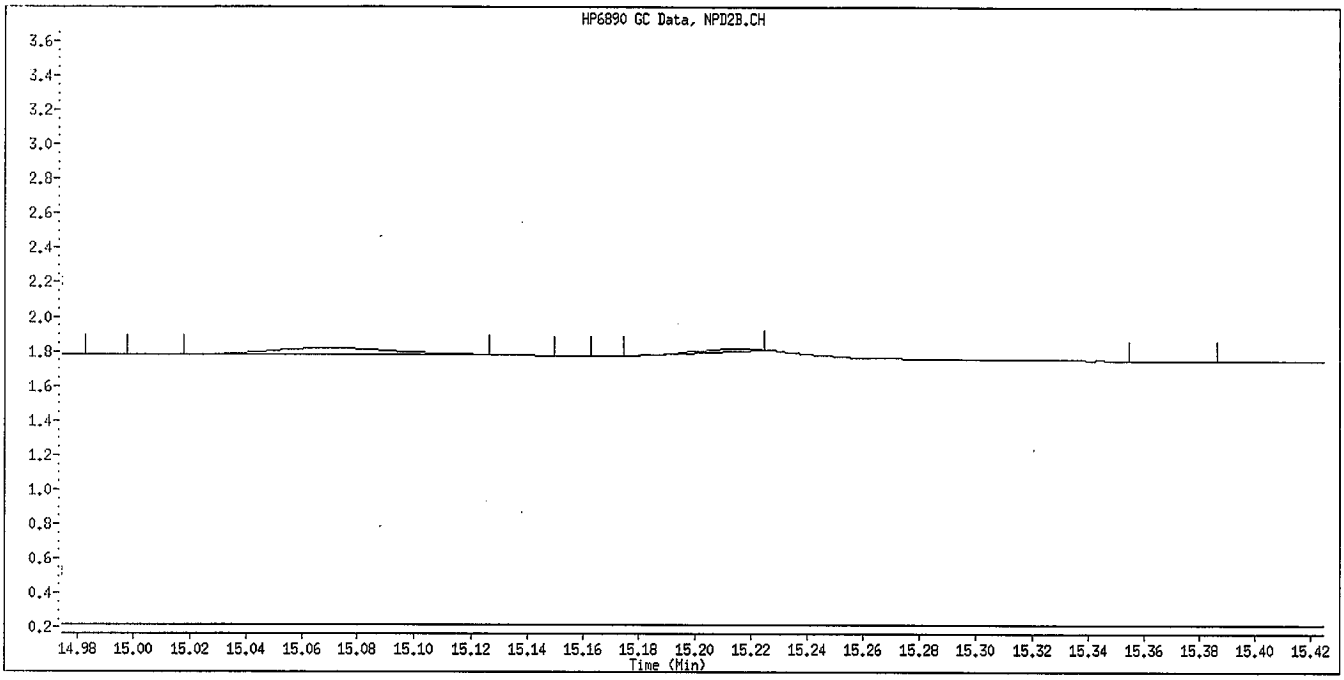
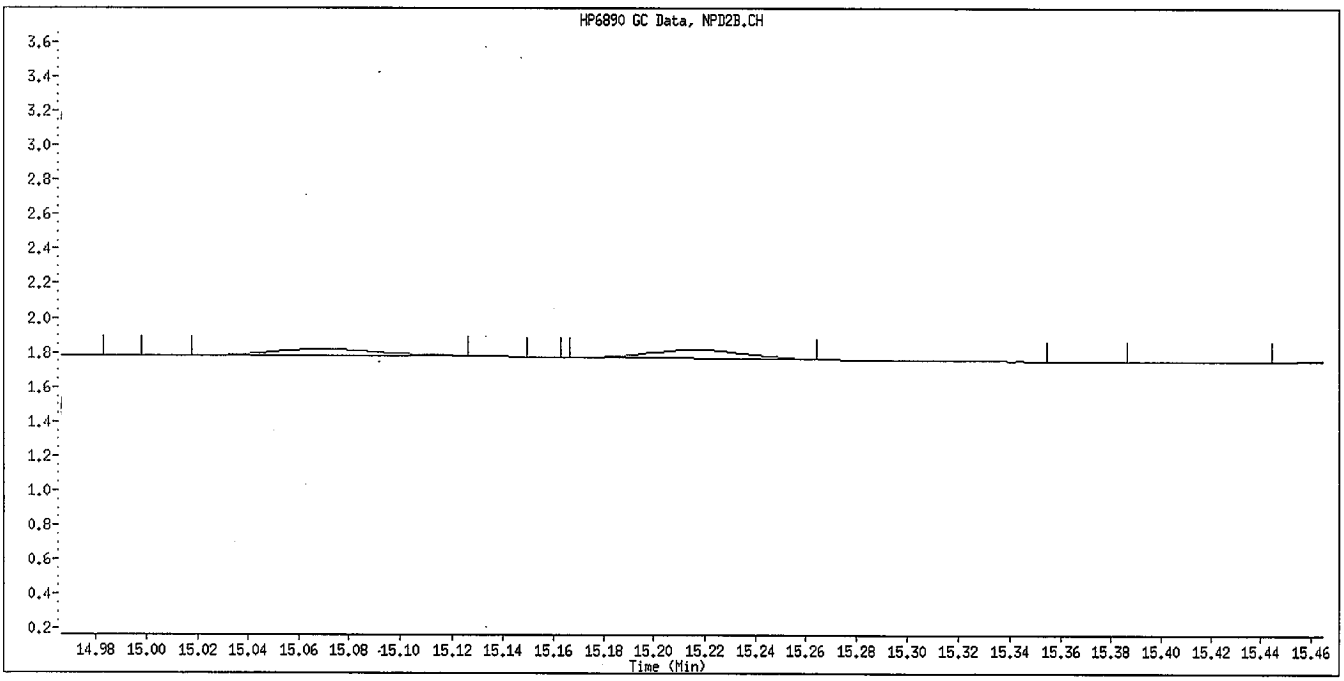
Date : 26-JUN-2009 18:55
Client ID: OPP L6 GSV0637
Sample Info: OPP L6 GSV0637
Column phase: RTx-OPPest

Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

Data File Name: 004F0401.D
Inj. Date and Time: 26-JUN-2009 18:55
Instrument ID: GC_D2.i
Client ID: OPP L6 GSV0637
Compound Name: Anilazine
CAS #:
Report Date: 06/30/2009



Original Integration

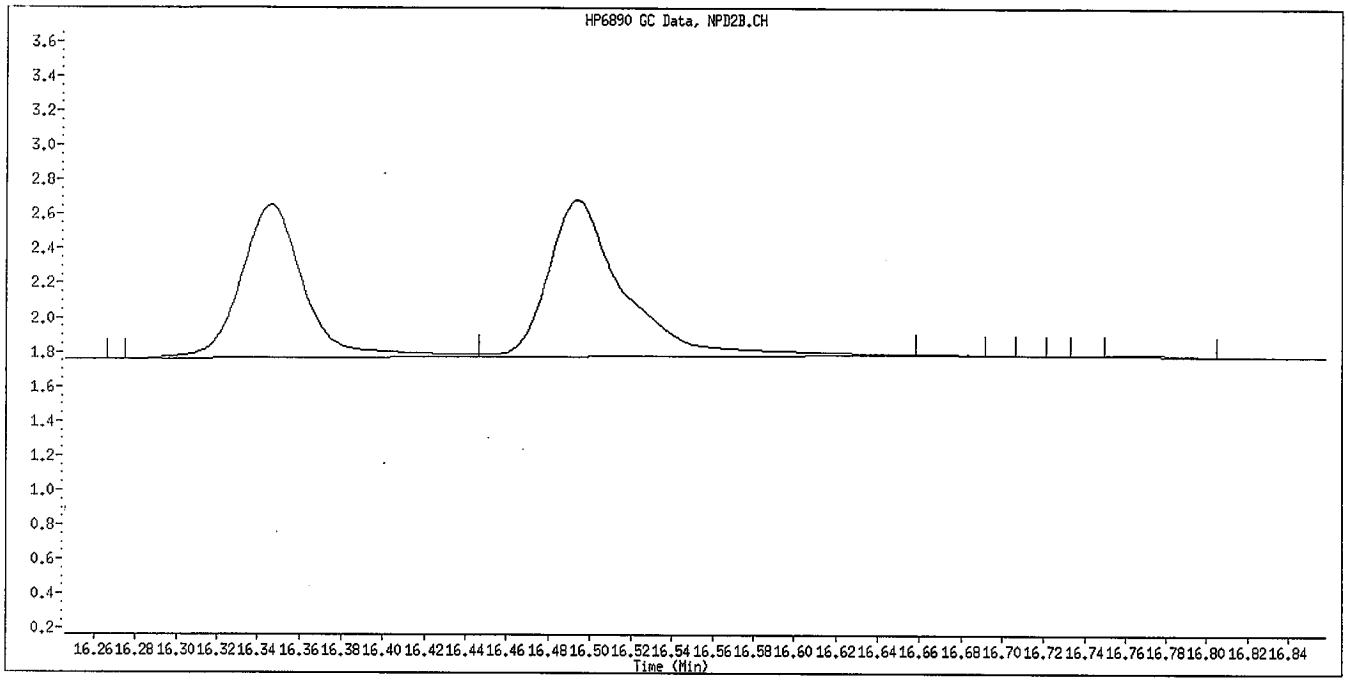


Manual Integration

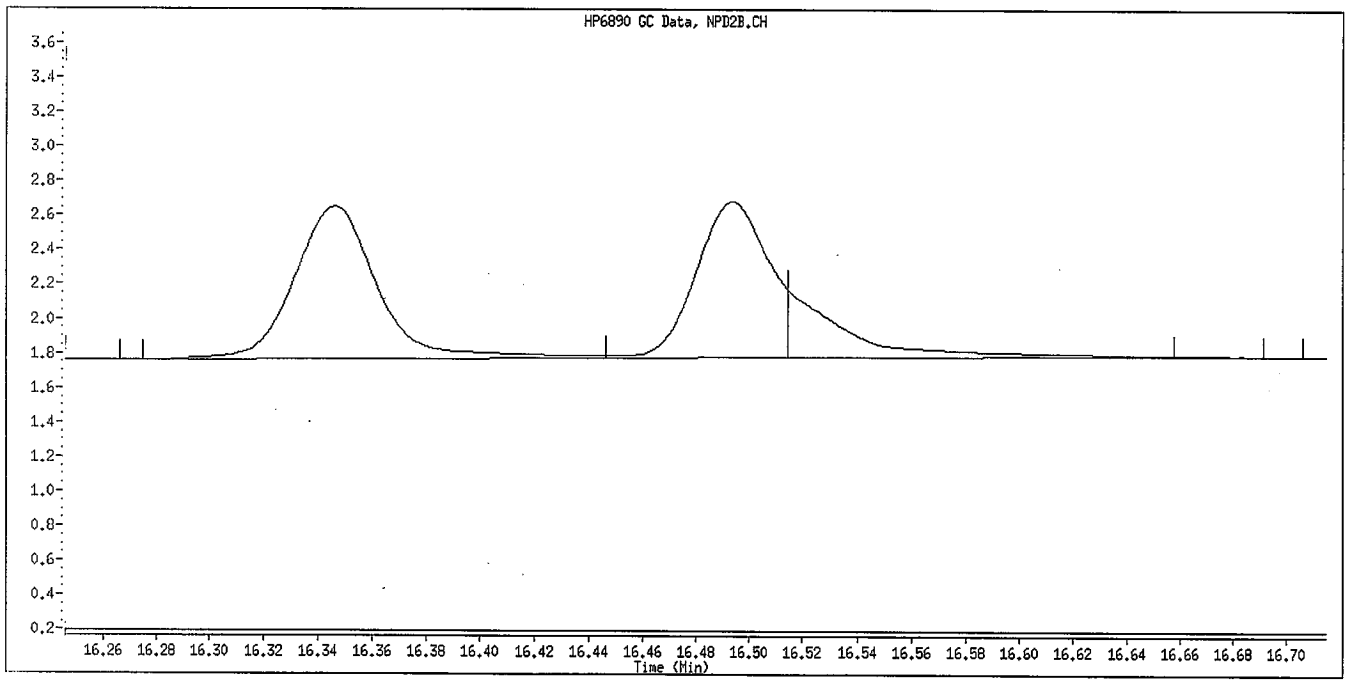
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 004F0401.D
Inj. Date and Time: 26-JUN-2009 18:55
Instrument ID: GC_D2.i
Client ID: OPP L6 GSV0637
Compound Name: Parathion
CAS #:
Report Date: 06/30/2009



Original Integration

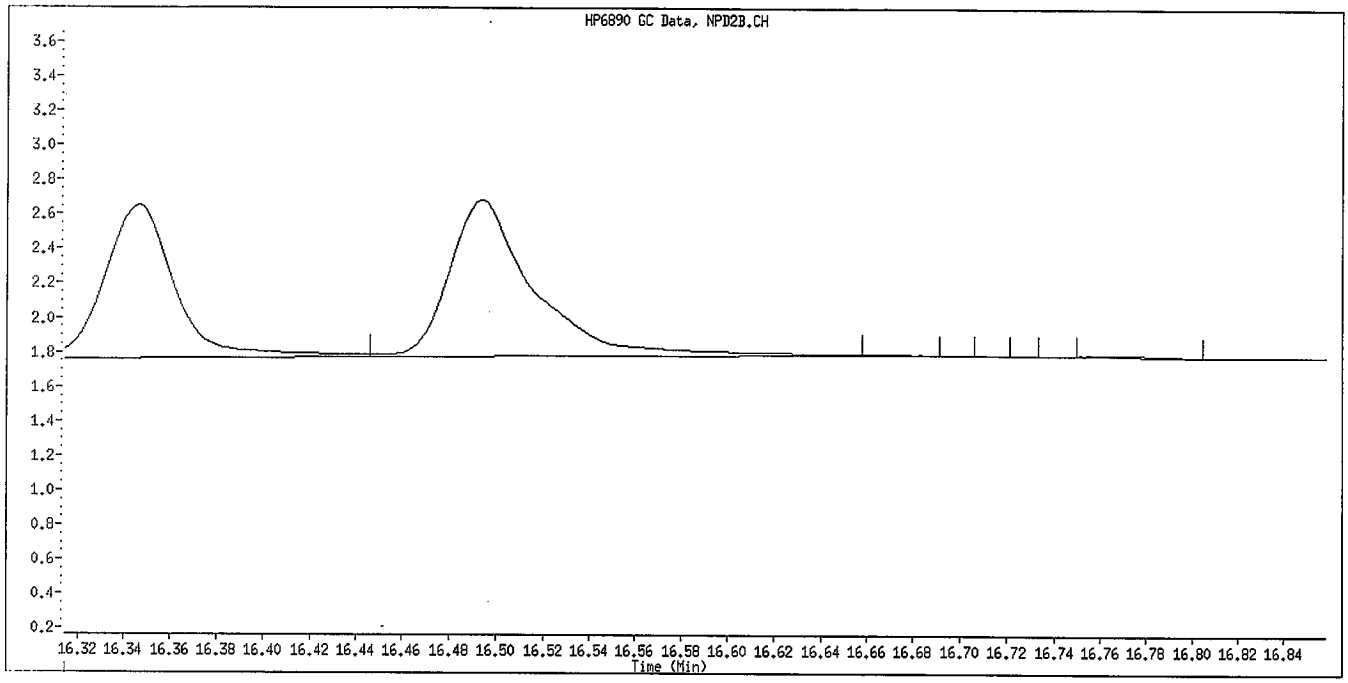


Manual Integration

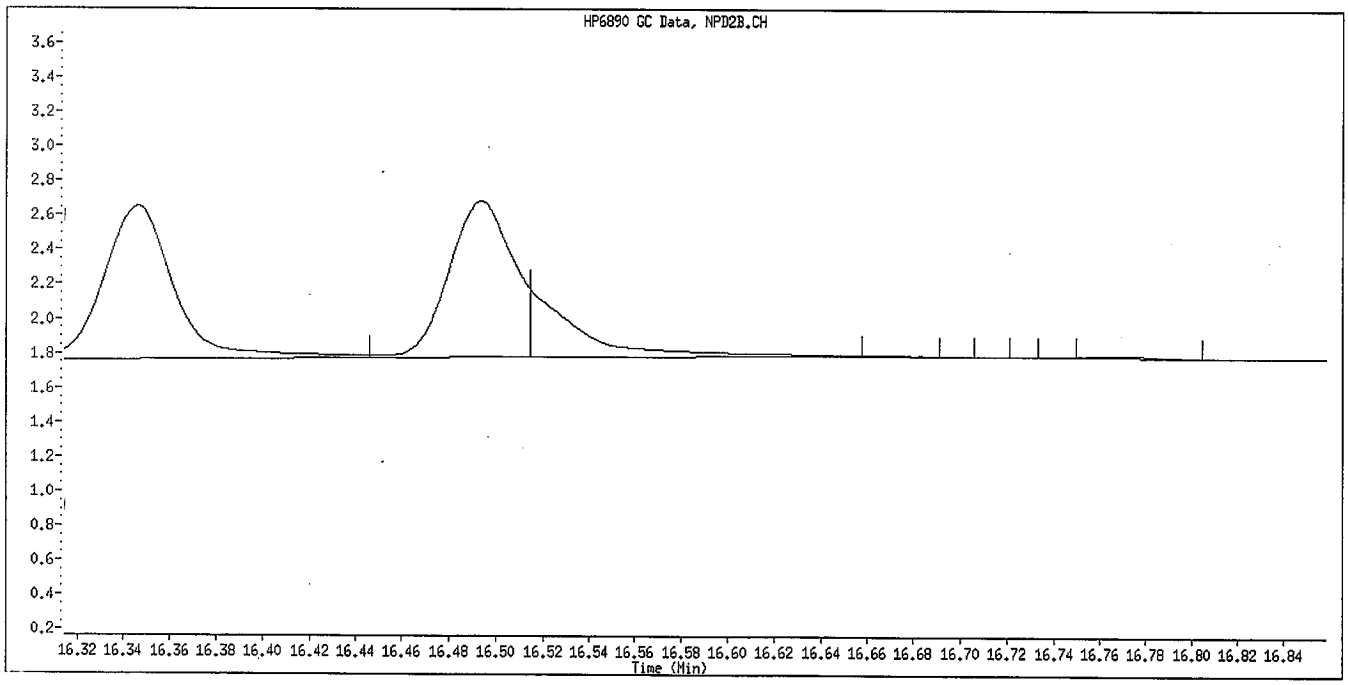
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 004F0401.D
Inj. Date and Time: 26-JUN-2009 18:55
Instrument ID: GC_D2.i
Client ID: OPP L6 GSV0637
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\005F0501.D
Lab Smp Id: OPP L5 GSV0635 Client Smp ID: OPP L5 GSV0635
Inj Date : 26-JUN-2009 19:23
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L5 GSV0635
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Meth Date : 30-Jun-2009 12:58 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 18:55 Cal File: 004F0401.D
Als bottle: 5 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1 o,o,o-TEPT	4.730	4.731	(0.251)	267154	3.00000	2.982
	2 Dichlorvos	6.545	6.546	(0.348)	221023	3.00000	3.159
$	3 Chlormefos	7.384	7.384	(0.392)	237967	3.00000	3.379
	4 Mevinphos	9.234	9.234	(0.491)	137272	3.00000	2.913
	5 Demeton-O	9.734	9.734	(0.517)	46912	0.97500	1.045
	6 Thionazin	9.984	9.984	(0.531)	216898	3.00000	3.078
	7 Ethoprop	10.499	10.499	(0.558)	162719	3.00000	3.090
	8 Phorate	10.539	10.539	(0.560)	189707	3.00000	3.107
	9 Naled	10.939	10.939	(0.581)	46004	3.00000	2.975
	10 Sulfotepp	11.017	11.017	(0.586)	277819	3.00000	3.017(A)
*	11 Tributylphosphate	11.115	11.116	(1.000)	123454	2.00000	
	12 Simazine	11.399	11.399	(0.606)	40610	3.00000	3.079(A)
	13 Diazinon	11.540	11.541	(0.613)	155648	3.00000	3.140
	14 Atrazine	11.584	11.584	(0.616)	85997	3.00000	3.210(A)
	15 Propazine	11.747	11.747	(0.624)	72628	3.00000	3.140
	16 Disulfoton	12.049	12.049	(0.640)	152294	3.00000	3.136
	17 Demeton-S	12.124	12.124	(0.644)	121463	2.04000	2.103
	18 Dimethoate	13.282	13.282	(0.706)	206120	3.00000	3.166
	19 Ronnel	13.587	13.587	(0.722)	134377	3.00000	3.067
	20 Merphos-A (Merphos)	13.689	13.689	(1.232)	139514	3.00000	3.119(A)
	21 Chlorpyrifos	14.409	14.409	(0.766)	137524	3.00000	3.094
	22 Fenthion	14.662	14.662	(0.779)	130285	3.00000	3.161
	23 Trichloronate	14.710	14.711	(0.782)	170976	3.00000	2.945
	24 Anilazine	15.215	15.216	(0.809)	11039	3.00000	2.902
	25 Methyl Parathion	15.519	15.519	(0.825)	140467	3.00000	3.157(A)
	26 Malathion	15.724	15.724	(0.836)	122121	3.00000	2.929
	27 Tokuthion	16.344	16.344	(0.869)	150762	3.00000	3.089
	28 Parathion	16.494	16.494	(0.877)	135916	3.00000	3.100(M)
	29 Merphos-B (Merphos Oxone)	16.514	16.517	(1.486)	40683	3.00000	2.940(AM)
	30 Tetrachlorvinphos (stirophos)	16.977	16.977	(0.902)	90042	3.00000	3.174
	31 Carbophenothion methyl	17.082	17.082	(0.908)	132789	3.00000	3.266
	32 Bolstar	17.440	17.440	(0.927)	132222	3.00000	3.088
	33 Carbophenothion	17.524	17.524	(0.931)	139939	3.00000	3.323(A)

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	34 Triphenyl phosphate	18.280	18.281	(0.972)	105020	3.00000	3.039
	35 Fensulfothion	18.559	18.559	(0.986)	98284	3.00000	3.098
*	36 TOCP	18.815	18.816	(1.000)	69265	2.00000	
	37 Phosmet / EPN	18.909	18.909	(1.005)	207459	6.00000	5.874(A)
	38 Famphur	19.010	19.011	(1.010)	125661	3.00000	2.766
	39 Azinphos-methyl	19.147	19.147	(1.018)	125121	3.00000	3.011
	40 Azinphos-ethyl	19.365	19.366	(1.029)	120801	3.00000	3.052
	41 Coumaphos	20.347	20.347	(1.081)	93401	3.00000	3.069
S	42 Merphos				180197	3.00000	3.122(A)
M	43 Total Demeton				168375	3.00000	3.147

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

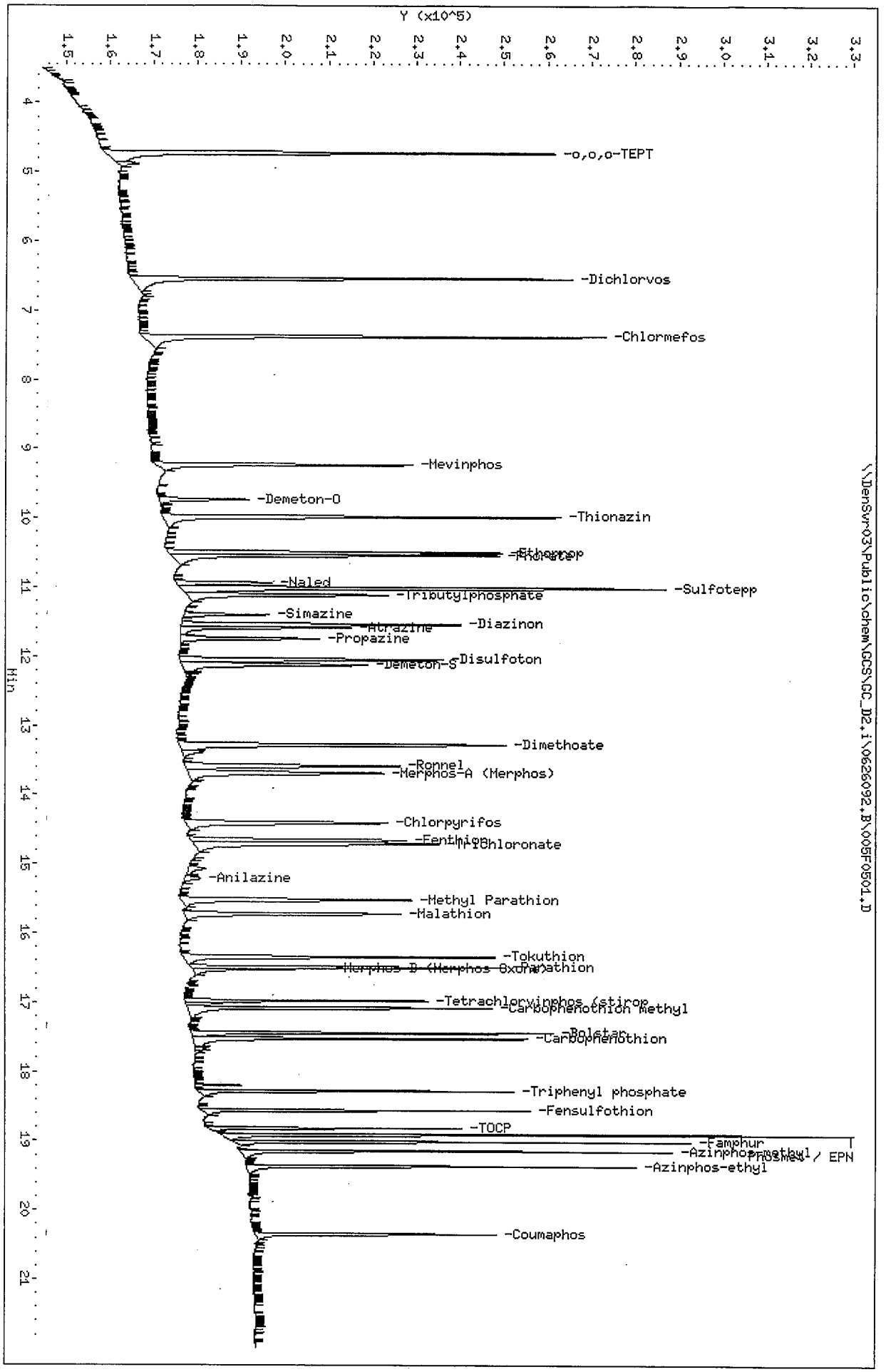
Instrument ID: GC_D2.i
Lab File ID: 005F0501.D
Lab Smp Id: OPP L5 GSV0635
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Misc Info:

Calibration Date: 26-JUN-2009
Calibration Time: 21:40
Client Smp ID: OPP L5 GSV0635
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	123933	61967	247866	123454	-0.39
36 TOCP	68831	34416	137662	69265	0.63

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.12	0.00
36 TOCP	18.82	18.32	19.32	18.82	0.00

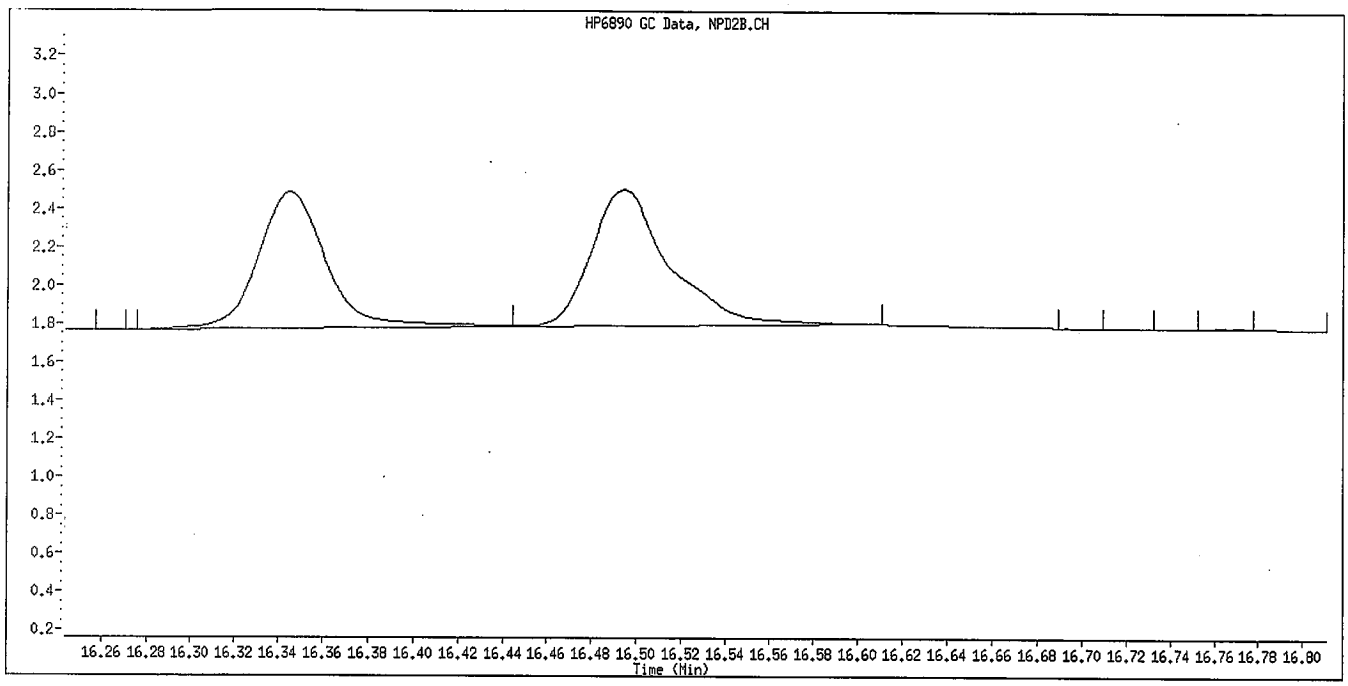
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



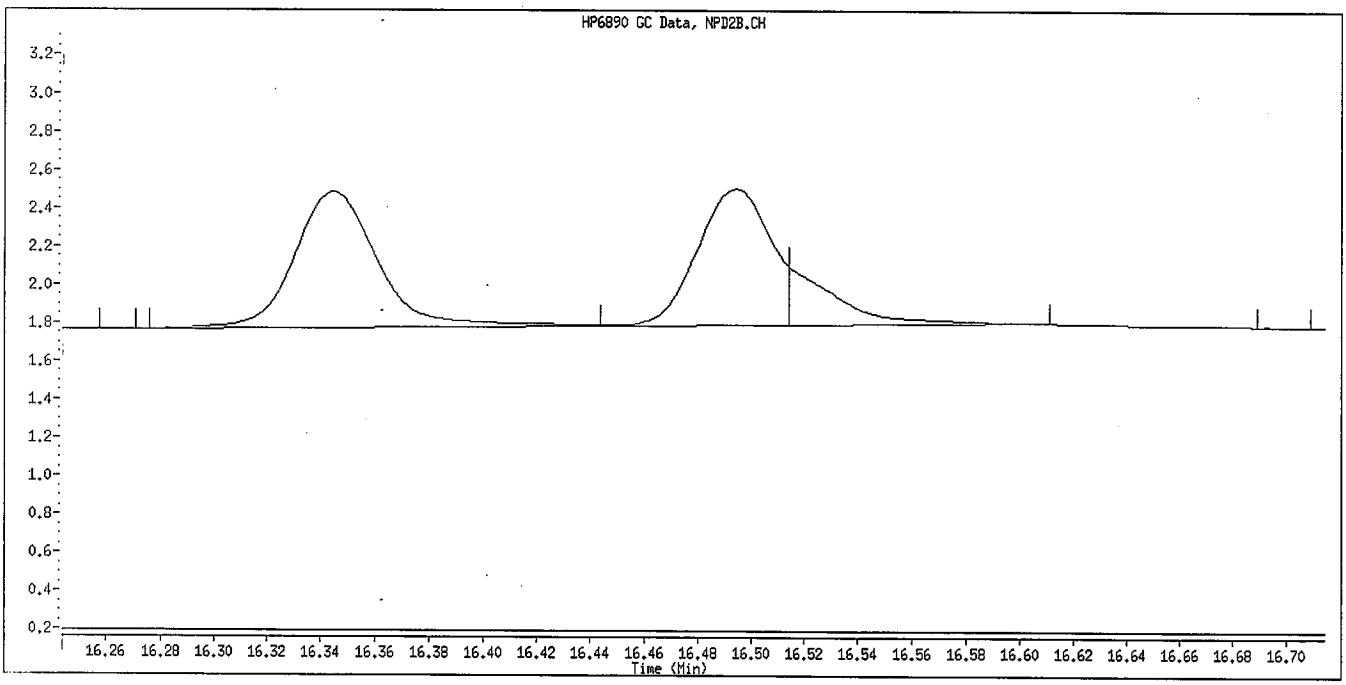
Data File: \\DenSvr03\Public\chem\GCS\GC_D2,i\0626092,B\005F0501,D
Date : 26-JUN-2009 19:23
Client ID: OPP L5 GSV0635
Sample Info: OPP L5 GSV0635
Column phase: RTx-OPPest

Instrument: GC_D2,i
Operator: MPK/TLW
Column diameter: 0.32

Data File Name: 005F0501.D
Inj. Date and Time: 26-JUN-2009 19:23
Instrument ID: GC_D2.i
Client ID: OPP L5 GSV0635
Compound Name: Parathion
CAS #:
Report Date: 06/30/2009



Original Integration

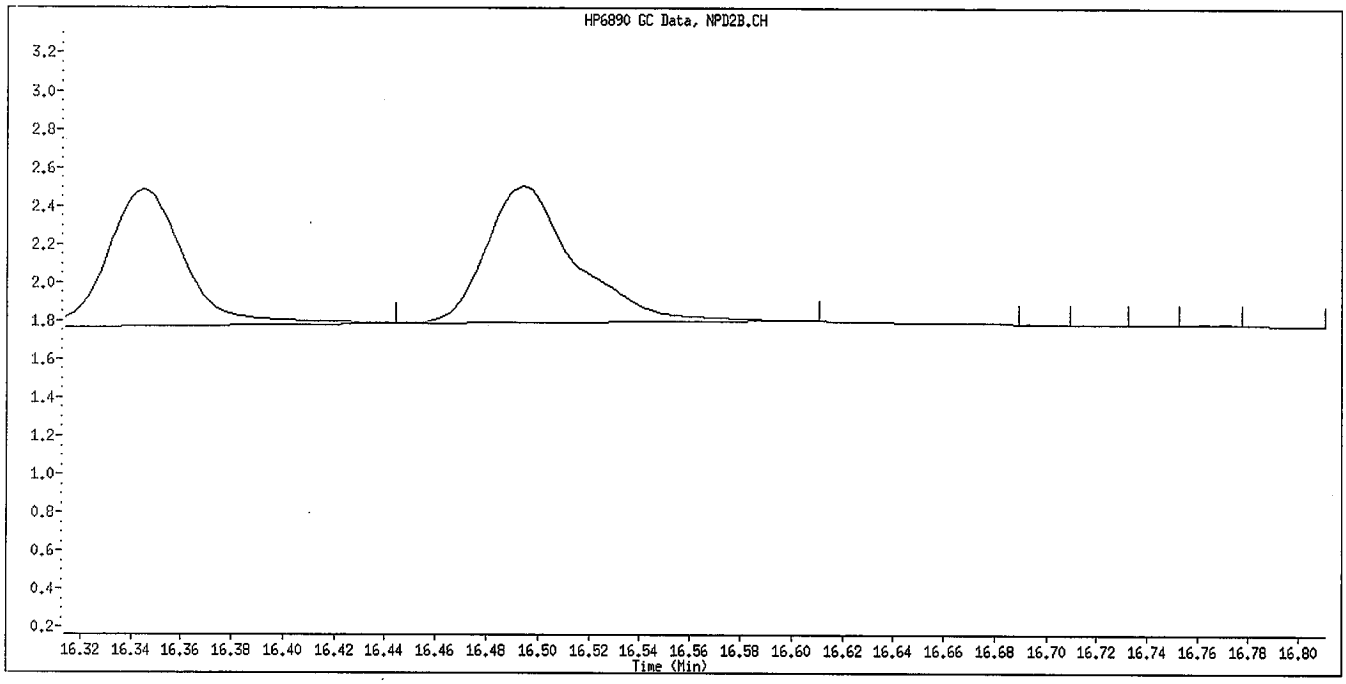


Manual Integration

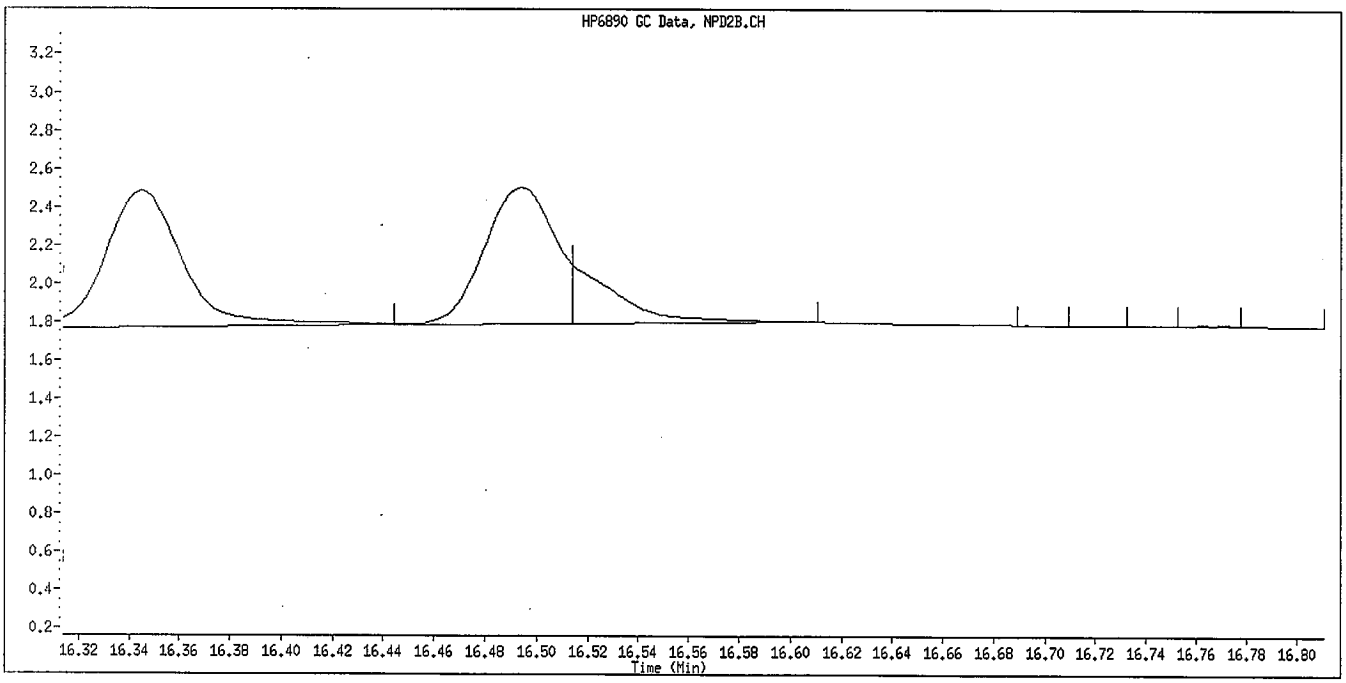
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 005F0501.D
Inj. Date and Time: 26-JUN-2009 19:23
Instrument ID: GC_D2.i
Client ID: OPP L5 GSV0635
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\006F0601.D
Lab Smp Id: OPP L4 GSV0638 Client Smp ID: OPP L4 GSV0638
Inj Date : 26-JUN-2009 19:50
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L4 GSV0638
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Meth Date : 30-Jun-2009 12:58 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 19:23 Cal File: 005F0501.D
Als bottle: 6 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1 o,o,o-TEPT	4.730	4.731	(0.251)	181207	2.00000	2.055
	2 Dichlorvos	6.545	6.546	(0.348)	148252	2.00000	2.154
$	3 Chlormefos	7.383	7.384	(0.392)	138652	2.00000	2.001
	4 Mevinphos	9.233	9.234	(0.491)	98399	2.00000	2.122
	5 Demeton-O	9.733	9.734	(0.517)	29742	0.65000	0.6731
	6 Thionazin	9.983	9.984	(0.531)	134999	2.00000	1.947
	7 Ethoprop	10.498	10.499	(0.558)	103308	2.00000	1.994
	8 Phorate	10.537	10.539	(0.560)	115663	2.00000	1.925
	9 Naled	10.940	10.939	(0.581)	28010	2.00000	1.943
	10 Sulfotepp	11.017	11.017	(0.586)	187497	2.00000	2.069(A)
*	11 Tributylphosphate	11.115	11.116	(1.000)	126959	2.00000	
	12 Simazine	11.398	11.399	(0.606)	26282	2.00000	2.025(A)
	13 Diazinon	11.540	11.541	(0.613)	98649	2.00000	2.033
	14 Atrazine	11.582	11.584	(0.616)	49088	2.00000	1.960(A)
	15 Propazine	11.745	11.747	(0.624)	43235	2.00000	1.922
	16 Disulfoton	12.050	12.049	(0.640)	96402	2.00000	2.017
	17 Demeton-S	12.125	12.124	(0.644)	70921	1.36000	1.296
	18 Dimethoate	13.280	13.282	(0.706)	123978	2.00000	1.935
	19 Ronnel	13.588	13.587	(0.722)	84095	2.00000	1.950
	20 Merphos-A (Merphos)	13.690	13.689	(1.232)	90289	2.00000	1.962(A)
	21 Chlorpyrifos	14.408	14.409	(0.766)	82272	2.00000	1.881
	22 Fenthion	14.660	14.662	(0.779)	79190	2.00000	1.952
	23 Trichloronate	14.708	14.711	(0.782)	106326	2.00000	1.900
	24 Anilazine	15.212	15.216	(0.808)	6899	2.00000	1.843
	25 Methyl Parathion	15.520	15.519	(0.825)	91219	2.00000	2.083(A)
	26 Malathion	15.725	15.724	(0.836)	80242	2.00000	1.956
	27 Tokuthion	16.345	16.344	(0.869)	92069	2.00000	1.917
	28 Parathion	16.493	16.494	(0.877)	84124	2.00000	1.950(M)
	29 Merphos-B (Merphos Oxone)	16.513	16.517	(1.486)	23458	2.00000	1.603(AM)
	30 Tetrachlorvinphos (stirophos)	16.977	16.977	(0.902)	54727	2.00000	1.961
	31 Carbophenothion methyl	17.082	17.082	(0.908)	79857	2.00000	1.996
	32 Bolstar	17.440	17.440	(0.927)	82203	2.00000	1.951
	33 Carbophenothion	17.523	17.524	(0.931)	80431	2.00000	1.941(A)

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	34 Triphenyl phosphate	18.280	18.281	(0.972)	73416	2.00000	2.159
	35 Fensulfothion	18.558	18.559	(0.986)	66352	2.00000	2.125
*	36 TOCP	18.815	18.816	(1.000)	68161	2.00000	
	37 Phosmet / EPN	18.908	18.909	(1.005)	146012	4.00000	4.177
	38 Famphur	19.012	19.011	(1.010)	95300	2.00000	2.132
	39 Azinphos-methyl	19.147	19.147	(1.018)	88773	2.00000	2.171
	40 Azinphos-ethyl	19.365	19.366	(1.029)	80966	2.00000	2.079
	41 Coumaphos	20.347	20.347	(1.081)	61650	2.00000	2.059
S	42 Merphos				113747	2.00000	2.002(A)
M	43 Total Demeton				100663	2.00000	1.969

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

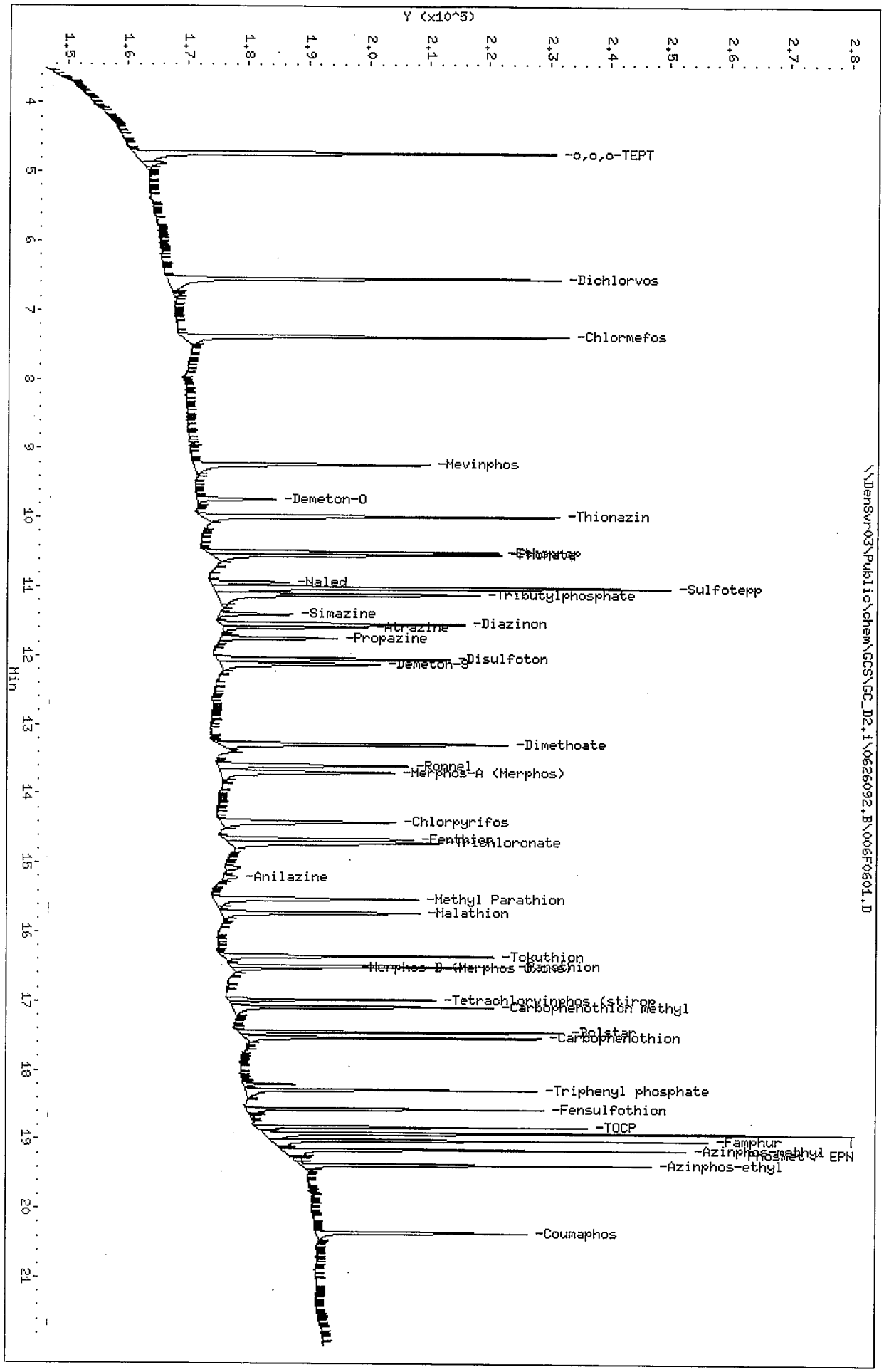
Instrument ID: GC_D2.i
Lab File ID: 006F0601.D
Lab Smp Id: OPP L4 GSV0638
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Misc Info:

Calibration Date: 26-JUN-2009
Calibration Time: 19:50
Client Smp ID: OPP L4 GSV0638
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	126959	63480	253918	126959	0.00
36 TOCP	68161	34081	136322	68161	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.12	0.00
36 TOCP	18.82	18.32	19.32	18.82	0.00

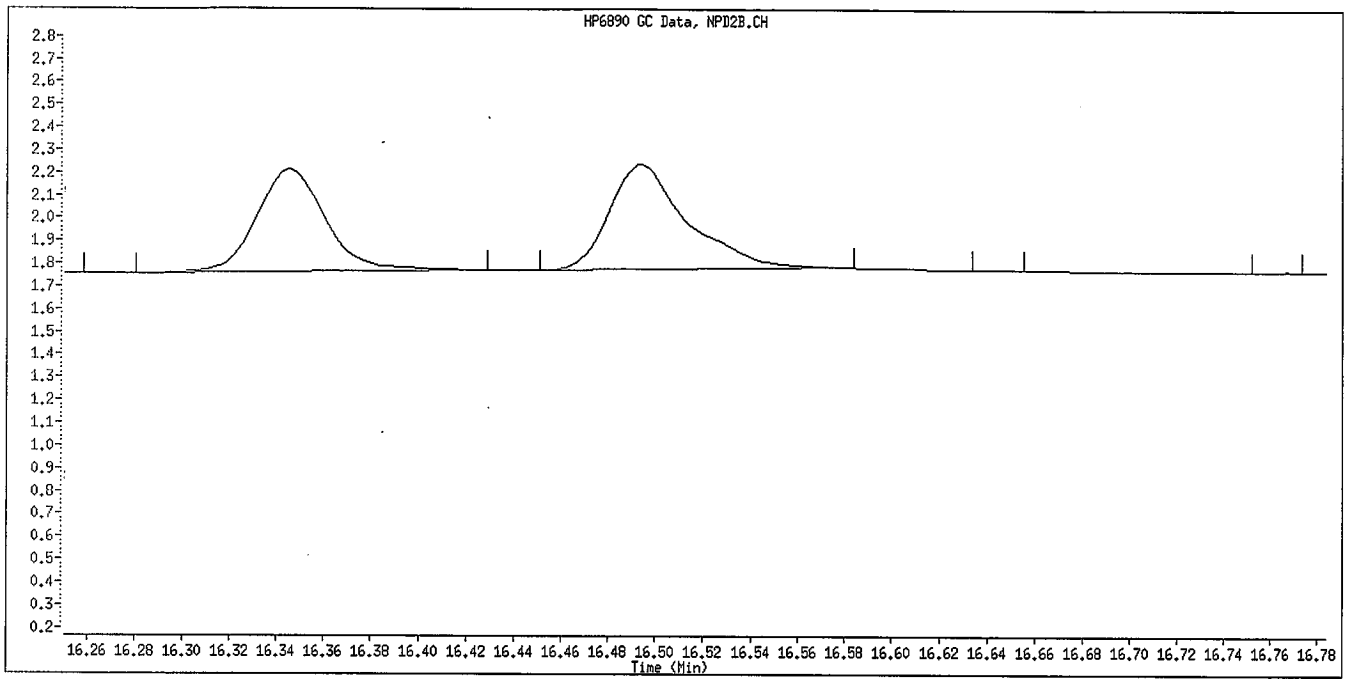
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



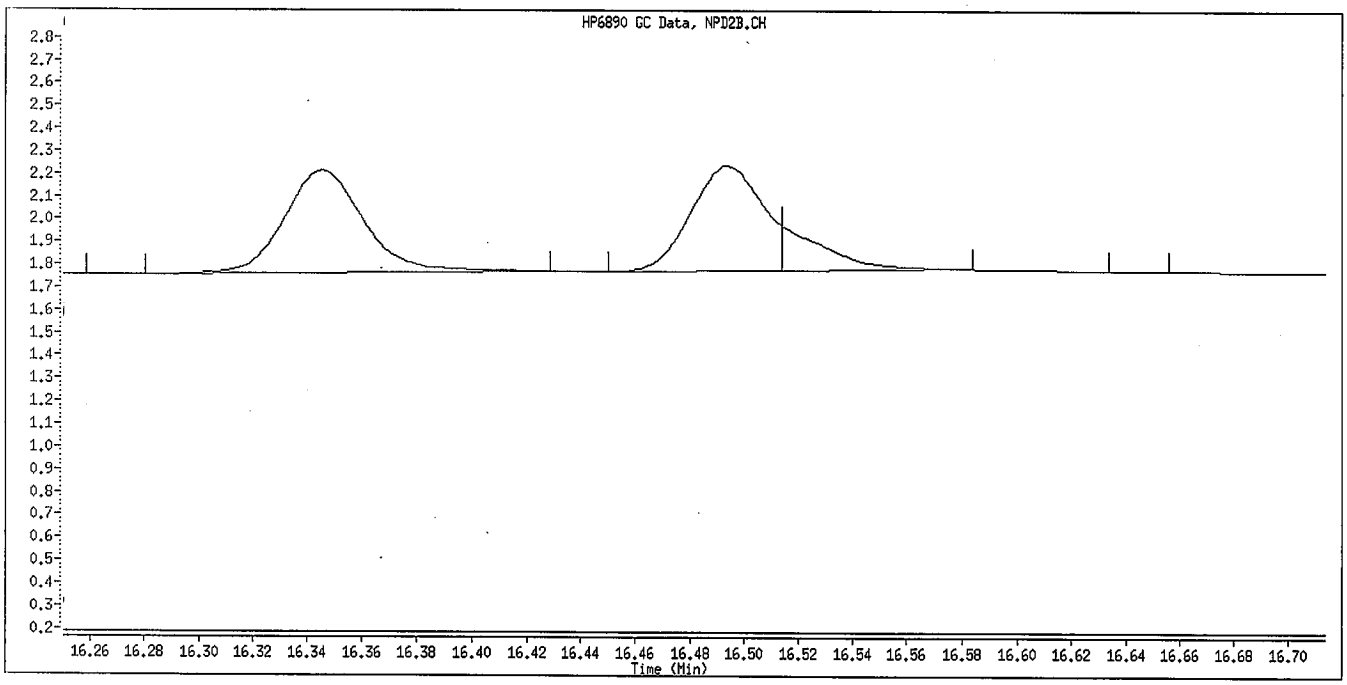
Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\006F0604.D
Date : 26-JUN-2009 19:50
Client ID: OPP L4 GSV0638
Sample Info: OPP L4 GSV0638
Column phase: RTx-OPPest

Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

Data File Name: 006F0601.D
Inj. Date and Time: 26-JUN-2009 19:50
Instrument ID: GC_D2.i
Client ID: OPP L4 GSV0638
Compound Name: Parathion
CAS #:
Report Date: 06/30/2009



Original Integration

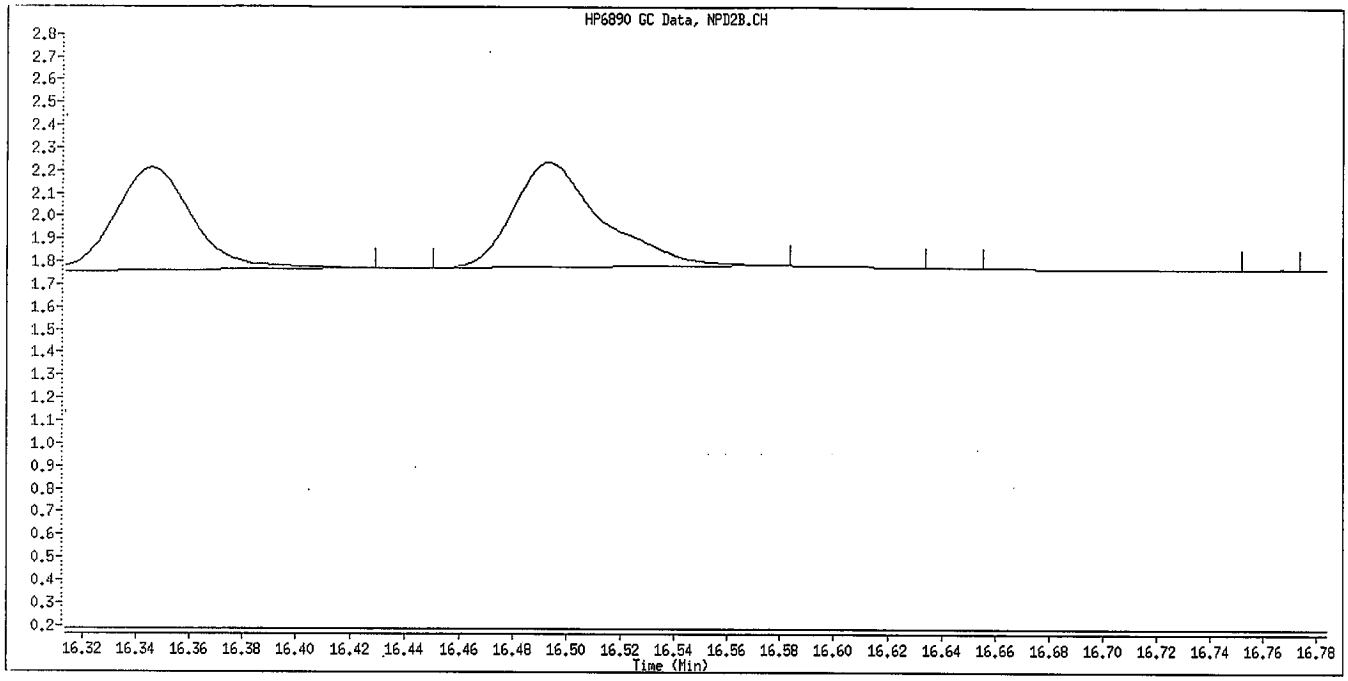


Manual Integration

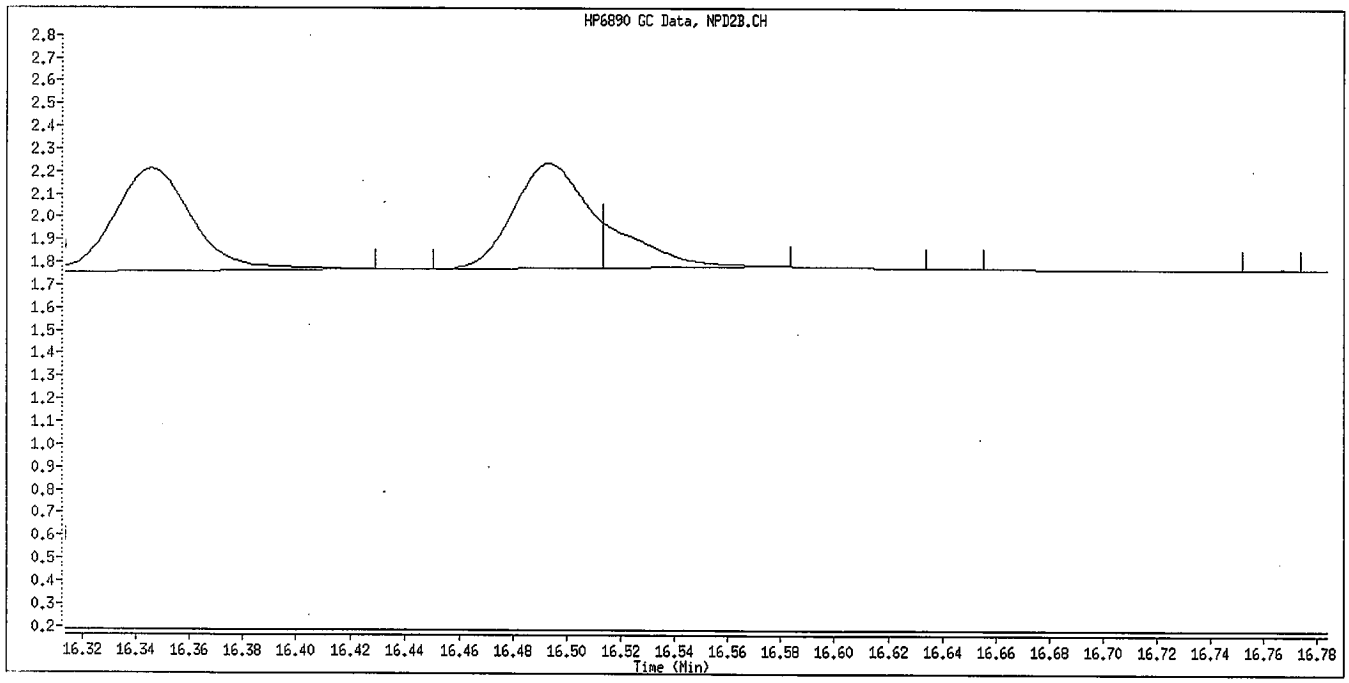
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 006F0601.D
Inj. Date and Time: 26-JUN-2009 19:50
Instrument ID: GC_D2.i
Client ID: OPP L4 GSV0638
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\007F0701.D
Lab Smp Id: OPP L3 GSV0639 Client Smp ID: OPP L3 GSV0639
Inj Date : 26-JUN-2009 20:18
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L3 GSV0639
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Meth Date : 30-Jun-2009 12:58 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 19:50 Cal File: 006F0601.D
Als bottle: 7 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/mL)
	1 o,o,o-TEPT	4.728	4.731	(0.251)	81887	1.00000	0.9107
	2 Dichlorvos	6.546	6.546	(0.348)	63970	1.00000	0.9111
$	3 Chlormefos	7.383	7.384	(0.392)	61984	1.00000	0.8770
	4 Mevinphos	9.235	9.234	(0.491)	42341	1.00000	0.8952
	5 Demeton-O	9.733	9.734	(0.517)	13386	0.32500	0.2970
	6 Thionazin	9.985	9.984	(0.531)	67347	1.00000	0.9522
	7 Ethoprop	10.500	10.499	(0.558)	50288	1.00000	0.9515
	8 Phorate	10.536	10.539	(0.560)	55056	1.00000	0.8983
	9 Naled	10.941	10.939	(0.582)	10859	1.00000	0.9052
	10 Sulfotepp	11.016	11.017	(0.586)	90141	1.00000	0.9752(A)
*	11 Tributylphosphate	11.116	11.116	(1.000)	109941	2.00000	
	12 Simazine	11.398	11.399	(0.606)	12288	1.00000	0.9282(A)
	13 Diazinon	11.541	11.541	(0.613)	49407	1.00000	1.013
	14 Atrazine	11.581	11.584	(0.616)	21316	1.00000	0.9678(A)
	15 Propazine	11.746	11.747	(0.624)	20907	1.00000	0.9421
	16 Disulfoton	12.050	12.049	(0.640)	47563	1.00000	0.9757
	17 Demeton-S	12.126	12.124	(0.645)	33785	0.68000	0.6688
	18 Dimethoate	13.283	13.282	(0.706)	60106	1.00000	0.9200
	19 Ronnel	13.588	13.587	(0.722)	39845	1.00000	0.9061
	20 Merphos-A (Merphos)	13.690	13.689	(1.231)	42032	1.00000	1.055(A)
	21 Chlorpyrifos	14.410	14.409	(0.766)	43430	1.00000	0.9737
	22 Fenthion	14.663	14.662	(0.779)	40767	1.00000	0.9854
	23 Trichloronate	14.710	14.711	(0.782)	49357	1.00000	0.9220
	24 Anilazine	15.218	15.216	(0.809)	3581	1.00000	0.9372(M)
	25 Methyl Parathion	15.520	15.519	(0.825)	42442	1.00000	0.9503
	26 Malathion	15.725	15.724	(0.836)	39993	1.00000	0.9559
	27 Tokuthion	16.345	16.344	(0.869)	47016	1.00000	0.9598
	28 Parathion	16.493	16.494	(0.877)	43405	1.00000	0.9863(M)
	29 Merphos-B (Merphos Oxone)	16.515	16.517	(1.486)	15065	1.00000	1.162(AM)
	30 Tetrachlorvinphos (stirophos)	16.976	16.977	(0.902)	25459	1.00000	0.8943
	31 Carbophenothion methyl	17.081	17.082	(0.908)	36393	1.00000	0.8919
	32 Bolstar	17.441	17.440	(0.927)	41390	1.00000	0.9630
	33 Carbophenothion	17.523	17.524	(0.931)	40089	1.00000	0.9485(A)

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	34 Triphenyl phosphate	18.280	18.281	(0.972)	31677	1.00000	0.9133
	35 Fensulfothion	18.558	18.559	(0.986)	30601	1.00000	0.9609
*	36 TOCP	18.815	18.816	(1.000)	69519	2.00000	
	37 Phosmet / EPN	18.908	18.909	(1.005)	68186	2.00000	1.866
	38 Famphur	19.010	19.011	(1.010)	41284	1.00000	0.9054
	39 Azinphos-methyl	19.145	19.147	(1.018)	37491	1.00000	0.8988
	40 Azinphos-ethyl	19.365	19.366	(1.029)	38936	1.00000	0.9801
	41 Coumaphos	20.345	20.347	(1.081)	29854	1.00000	0.9774
S	42 Merphos				57097	1.00000	0.9855
M	43 Total Demeton				47171	1.00000	0.9658

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

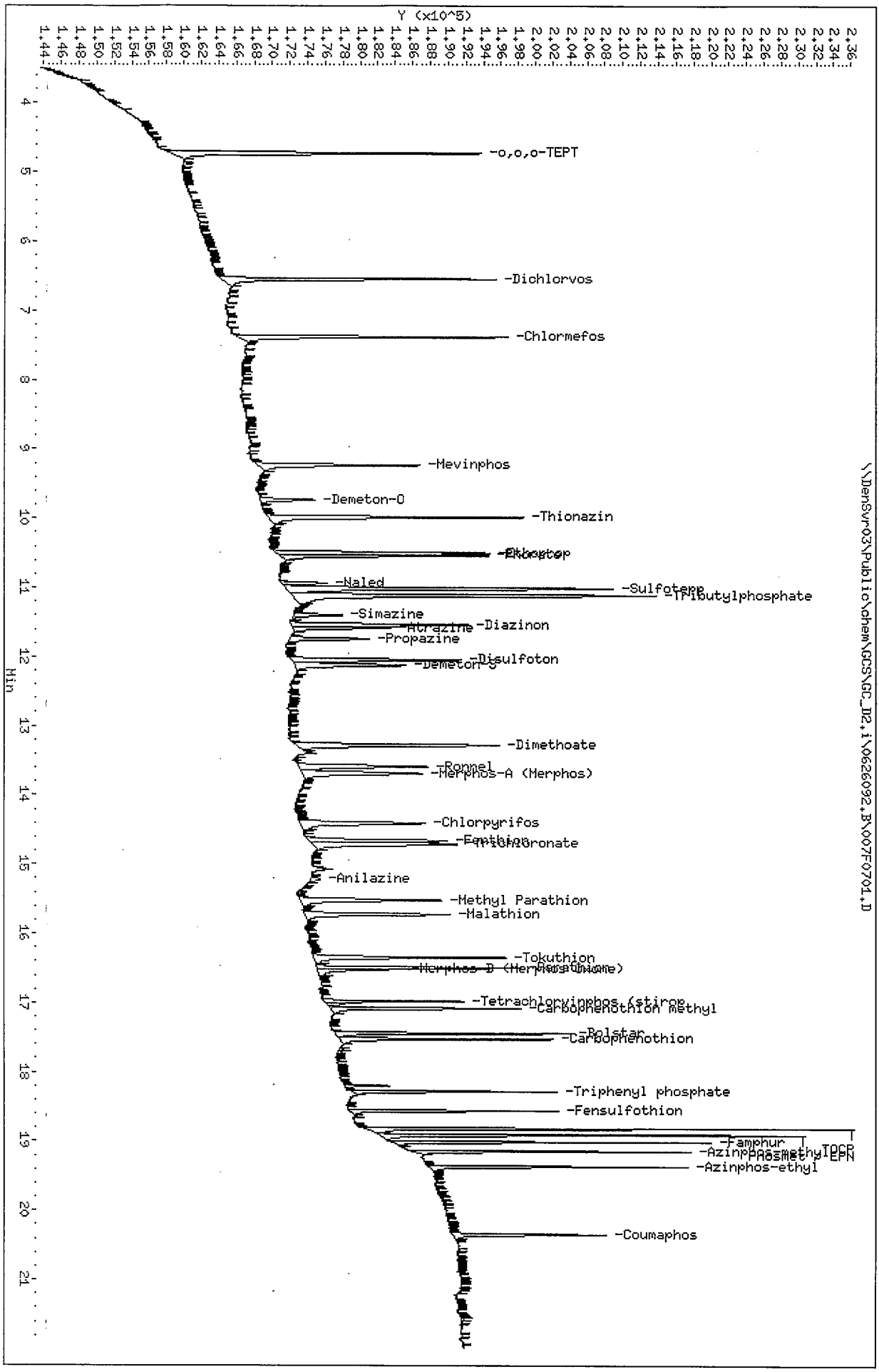
Instrument ID: GC_D2.i
Lab File ID: 007F0701.D
Lab Smp Id: OPP L3 GSV0639
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Misc Info:

Calibration Date: 26-JUN-2009
Calibration Time: 19:50
Client Smp ID: OPP L3 GSV0639
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	126959	63480	253918	109941	-13.40
36 TOCP	68161	34081	136322	69519	1.99

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.12	0.01
36 TOCP	18.82	18.32	19.32	18.82	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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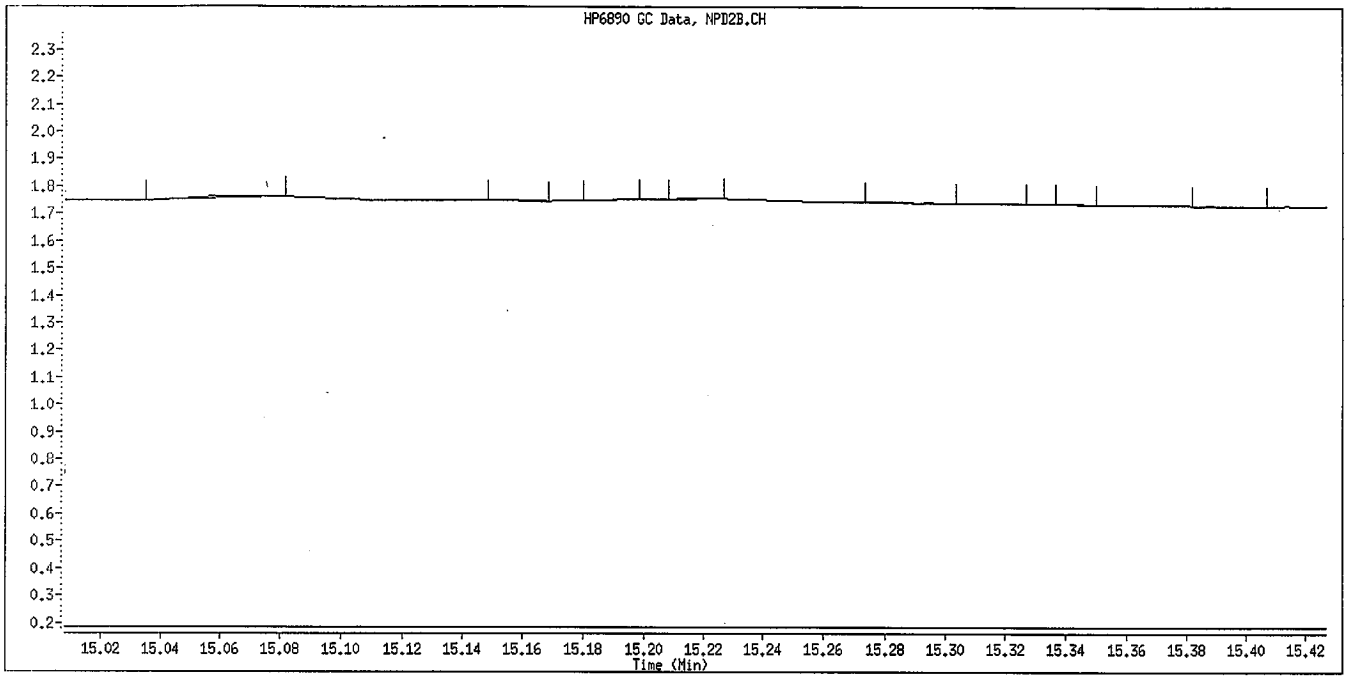
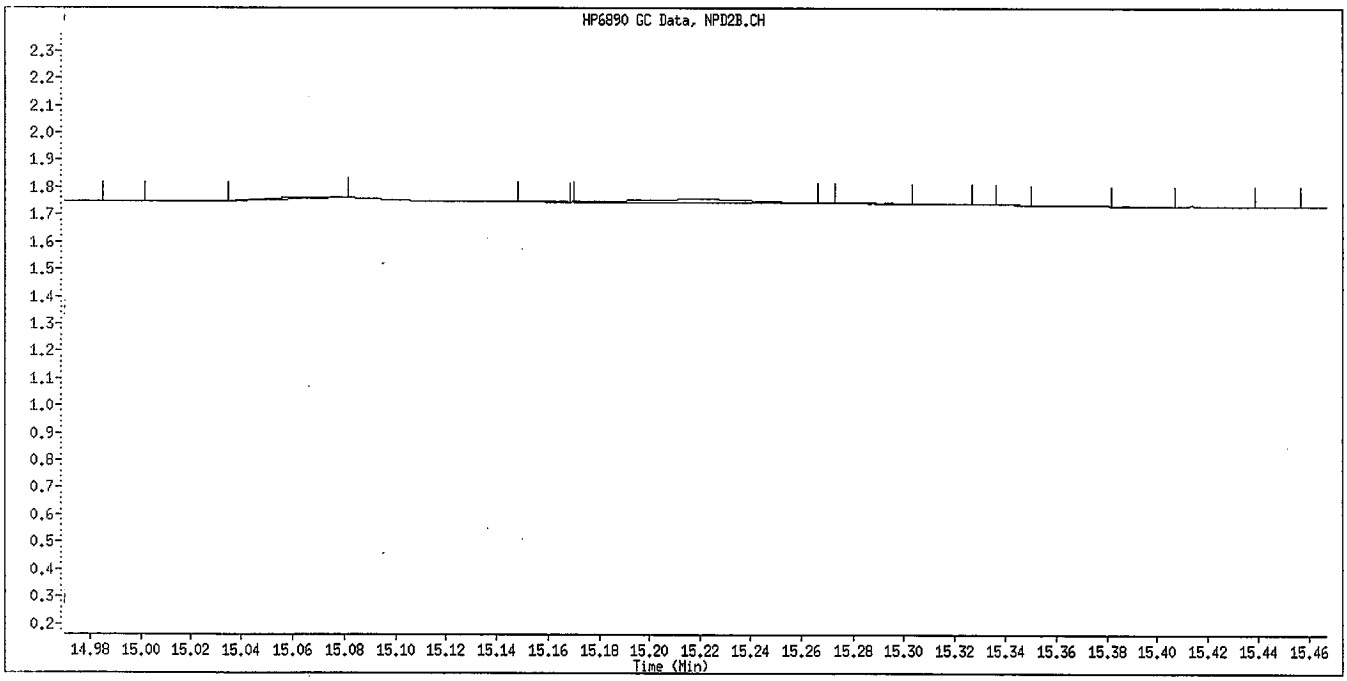
Date : 26-JUN-2009 20:18
Client ID: OPP L3 GSV0639
Sample Info: OPP L3 GSV0639
Column phase: RTx-OPPest
Instrument: GC_D2,i
Operator: MPK/TLW
Column diameter: 0.32
\\DenSvr03\Public\chem\GCS\GC_D2,i\0626092,B\007F0701.D
Y (x10^5)
Min
-o,o,o-TEPT
-Dichlorvos
-Chlormefos
-Mevinphos
-Demeton-O
-Thionazin
-Naled
-Sulfotepp
-Tributylphosphate
-Simazine
-Atrazine
-Diazinon
-Propazine
-Disulfoton
-Dimethoate
-Ronnel
-Merphos-A (Merphos)
-Chlorpyrifos
-Fonofos
-Trichloronate
-Anilazine
-Methyl Parathion
-Malathion
-Tokuthion
-Merphos-B (Merphosoxone)
-Tetrachlorvinphos (Stirofos)
-Carbophenothion methyl
-Bolstar
-Carbophenothion
-Triphenyl phosphate
-Fensulfothion
-Famphur
-Azinphos-methyl
-EPN
-Azinphos-ethyl
-Coumaphos
Page 4

Data File Name: 007F0701.D
Inj. Date and Time: 26-JUN-2009 20:18
Instrument ID: GC_D2.i
Client ID: OPP L3 GSV0639
Compound Name: Anilazine
CAS #:
Report Date: 06/30/2009



Original Integration

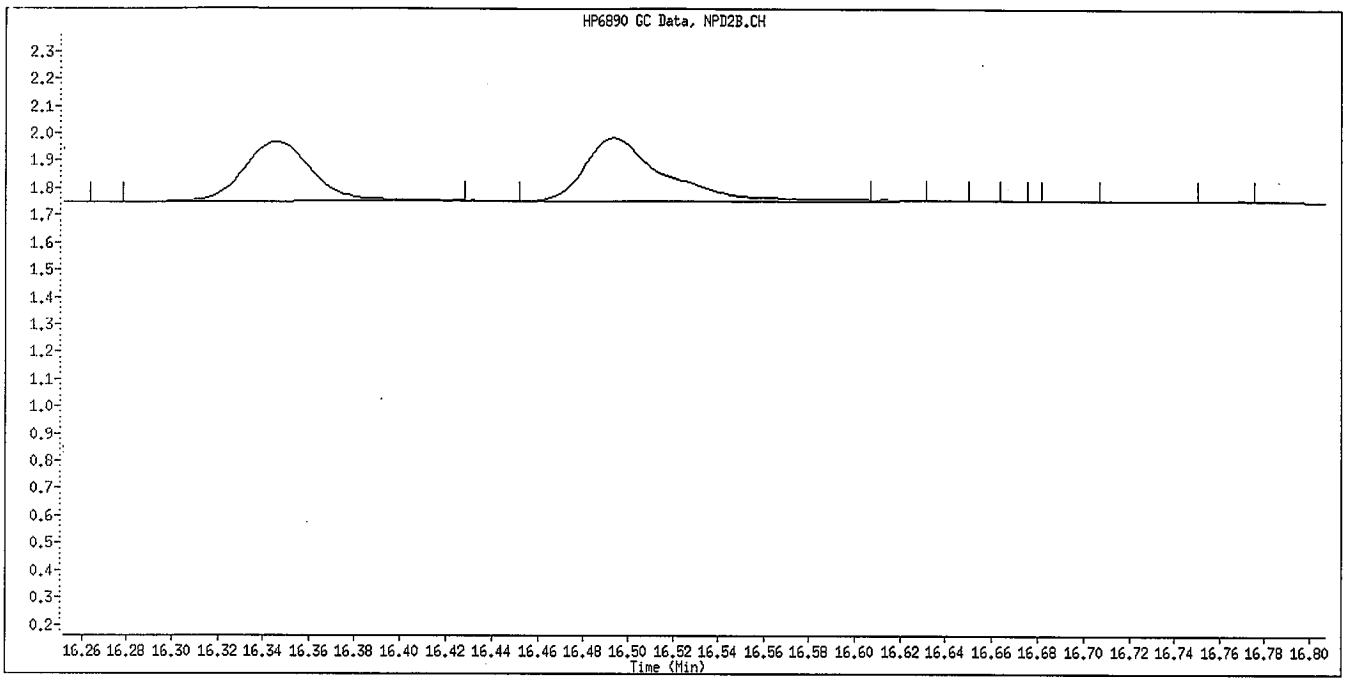


Manual Integration

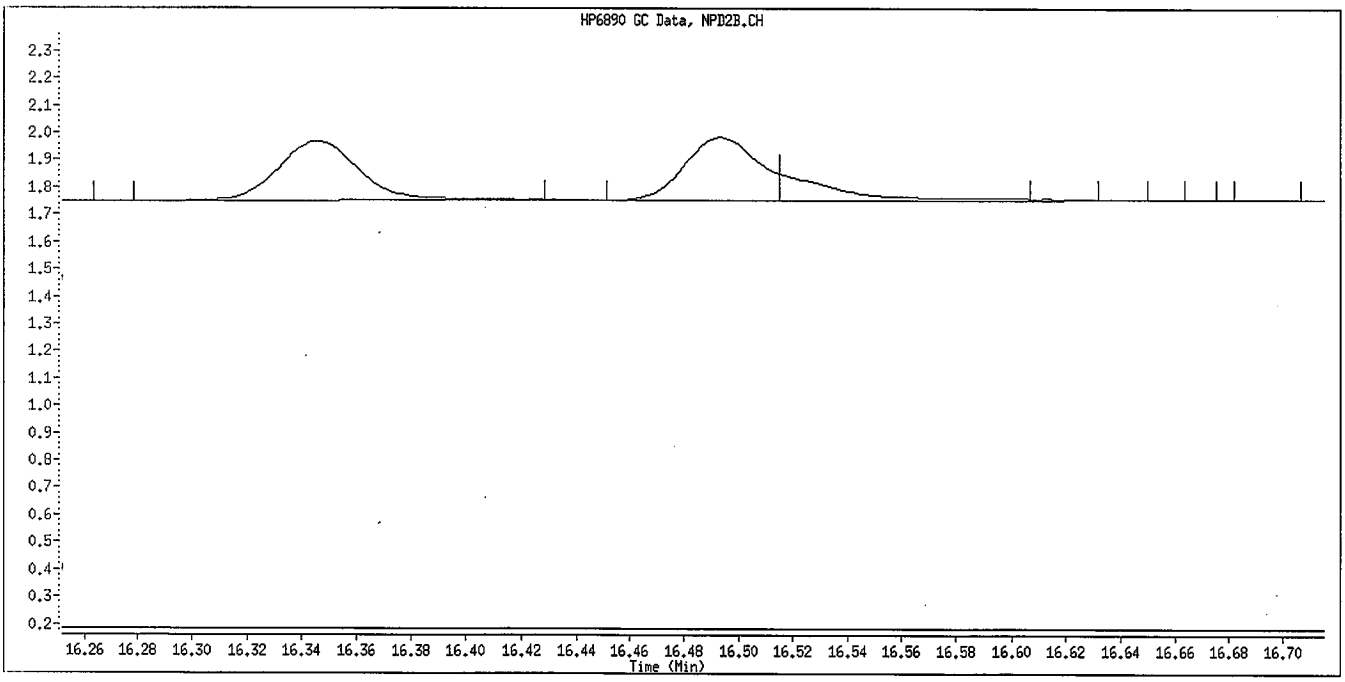
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 007F0701.D
Inj. Date and Time: 26-JUN-2009 20:18
Instrument ID: GC_D2.i
Client ID: OPP L3 GSV0639
Compound Name: Parathion
CAS #:
Report Date: 06/30/2009



Original Integration

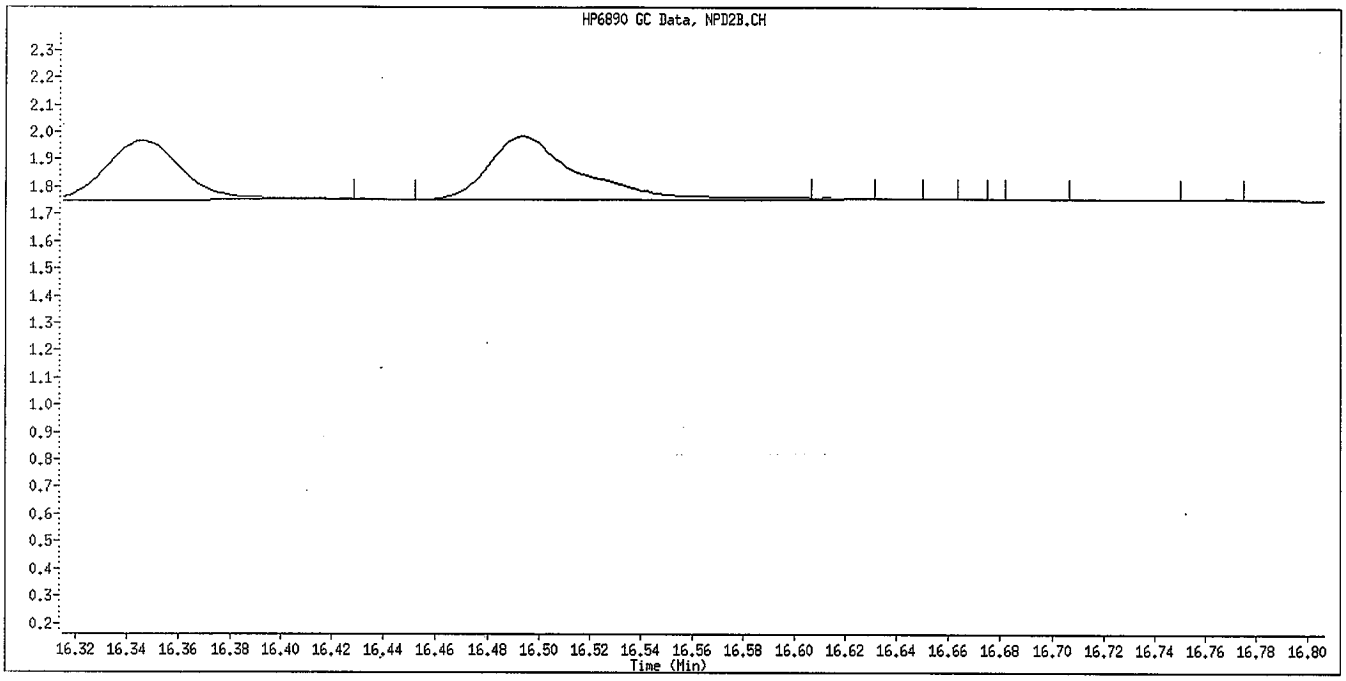


Manual Integration

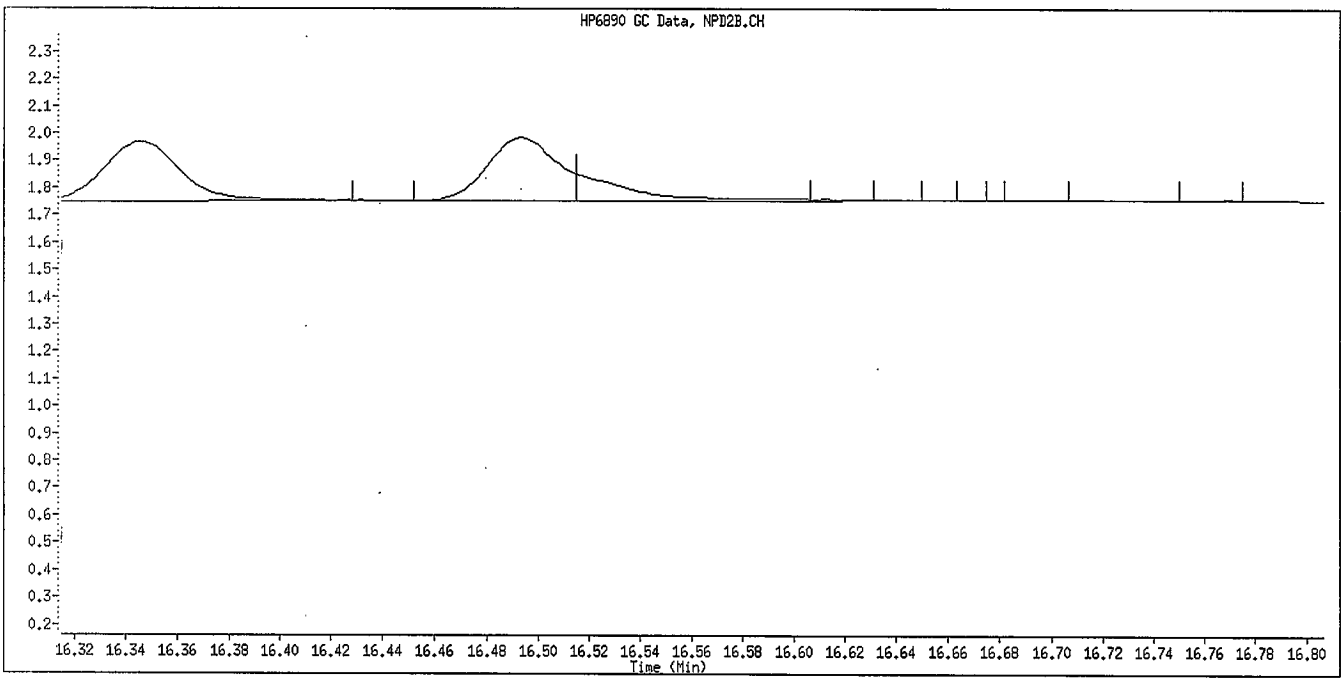
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 007F0701.D
Inj. Date and Time: 26-JUN-2009 20:18
Instrument ID: GC_D2.i
Client ID: OPP L3 GSV0639
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\008F0801.D
Lab Smp Id: OPP L2 GSV0640 Client Smp ID: OPP L2 GSV0640
Inj Date : 26-JUN-2009 20:45
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L2 GSV0640
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Meth Date : 30-Jun-2009 12:58 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 20:18 Cal File: 007F0701.D
Als bottle: 8 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

		Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1	o,o,o-TEPT	4.729	4.731	(0.251)	43725	0.50000	0.4721
	2	Dichlorvos	6.546	6.546	(0.348)	32623	0.50000	0.4511
$	3	Chlormefos	7.383	7.384	(0.392)	32886	0.50000	0.4517
	4	Mevinphos	9.233	9.234	(0.491)	22377	0.50000	0.4593
	5	Demeton-O	9.734	9.734	(0.517)	7562	0.16250	0.1629
	6	Thionazin	9.983	9.984	(0.531)	32975	0.50000	0.4526
	7	Ethoprop	10.501	10.499	(0.558)	25261	0.50000	0.4640
	8	Phorate	10.538	10.539	(0.560)	28693	0.50000	0.4545
	9	Naled	10.934	10.939	(0.581)	1666	0.50000	0.3635
	10	Sulfotepp	11.018	11.017	(0.586)	45401	0.50000	0.4768(A)
*	11	Tributylphosphate	11.118	11.116	(1.000)	107017	2.00000	
	12	Simazine	11.401	11.399	(0.606)	6209	0.50000	0.4553(A)
	13	Diazinon	11.541	11.541	(0.613)	15923	0.50000	0.3370
	14	Atrazine	11.579	11.584	(0.615)	1231	0.50000	0.2736(A)
	15	Propazine	11.746	11.747	(0.624)	8102	0.50000	0.3907
	16	Disulfoton	12.049	12.049	(0.640)	23807	0.50000	0.4741
	17	Demeton-S	12.124	12.124	(0.644)	15766	0.34000	0.3681
	18	Dimethoate	13.281	13.282	(0.706)	33707	0.50000	0.5009
	19	Ronnel	13.588	13.587	(0.722)	19648	0.50000	0.4338
	20	Merphos-A (Merphos)	13.689	13.689	(1.231)	19488	0.50000	0.5025(A)
	21	Chlorpyrifos	14.409	14.409	(0.766)	20746	0.50000	0.4515
	22	Fenthion	14.661	14.662	(0.779)	20747	0.50000	0.4869
	23	Trichloronate	14.709	14.711	(0.782)	26053	0.50000	0.5238
	24	Anilazine	15.213	15.216	(0.809)	2256	0.50000	0.5727(M)
	25	Methyl Parathion	15.519	15.519	(0.825)	20061	0.50000	0.4361
	26	Malathion	15.724	15.724	(0.836)	21428	0.50000	0.4972
	27	Tokuthion	16.346	16.344	(0.869)	23462	0.50000	0.4650
	28	Parathion	16.493	16.494	(0.877)	20700	0.50000	0.4566(M)
	29	Merphos-B (Merphos Oxone)	16.514	16.517	(1.485)	6271	0.50000	0.4377(AM)
	30	Tetrachlorvinphos (stirophos)	16.976	16.977	(0.902)	13089	0.50000	0.4464
	31	Carbophenothion methyl	17.081	17.082	(0.908)	18266	0.50000	0.4346
	32	Bolstar	17.441	17.440	(0.927)	21910	0.50000	0.4949
	33	Carbophenothion	17.521	17.524	(0.931)	20336	0.50000	0.4671(A)

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	34 Triphenyl phosphate	18.279	18.281	(0.972)	15570	0.50000	0.4358
	35 Fensulfothion	18.558	18.559	(0.986)	14395	0.50000	0.4388
*	36 TOCP	18.814	18.816	(1.000)	71609	2.00000	
	37 Phosmet / EPN	18.908	18.909	(1.005)	35826	1.00000	0.9102
	38 Famphur	19.009	19.011	(1.010)	21626	0.50000	0.4604
	39 Azinphos-methyl	19.146	19.147	(1.018)	19508	0.50000	0.4540
	40 Azinphos-ethyl	19.364	19.366	(1.029)	19984	0.50000	0.4884
	41 Coumaphos	20.348	20.347	(1.081)	14618	0.50000	0.4646
S	42 Merphos				25759	0.50000	0.4316
M	43 Total Demeton				23328	0.50000	0.5310

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

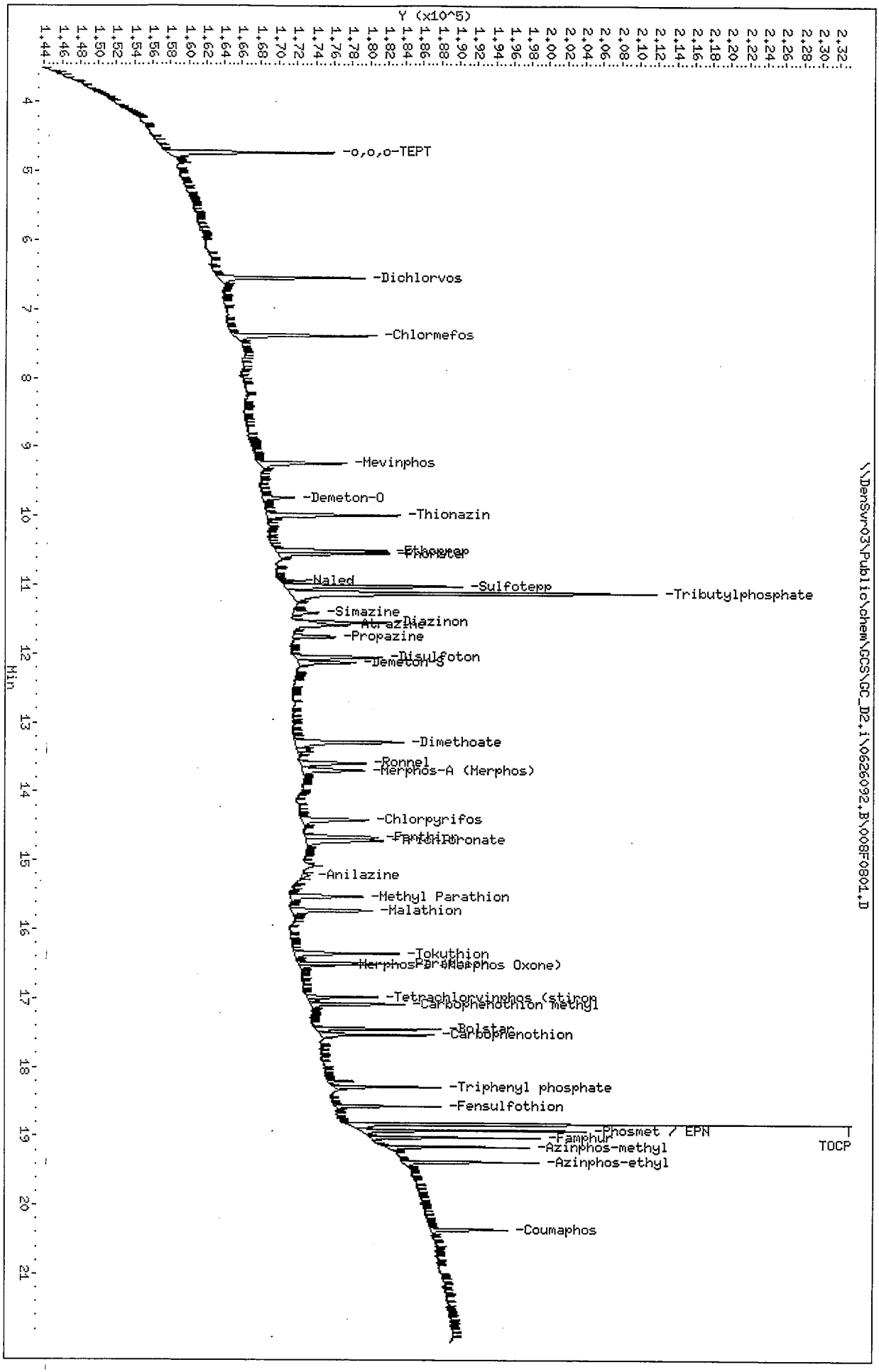
Instrument ID: GC_D2.i
Lab File ID: 008F0801.D
Lab Smp Id: OPP L2 GSV0640
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Misc Info:

Calibration Date: 26-JUN-2009
Calibration Time: 19:50
Client Smp ID: OPP L2 GSV0640
Level:
Sample Type:

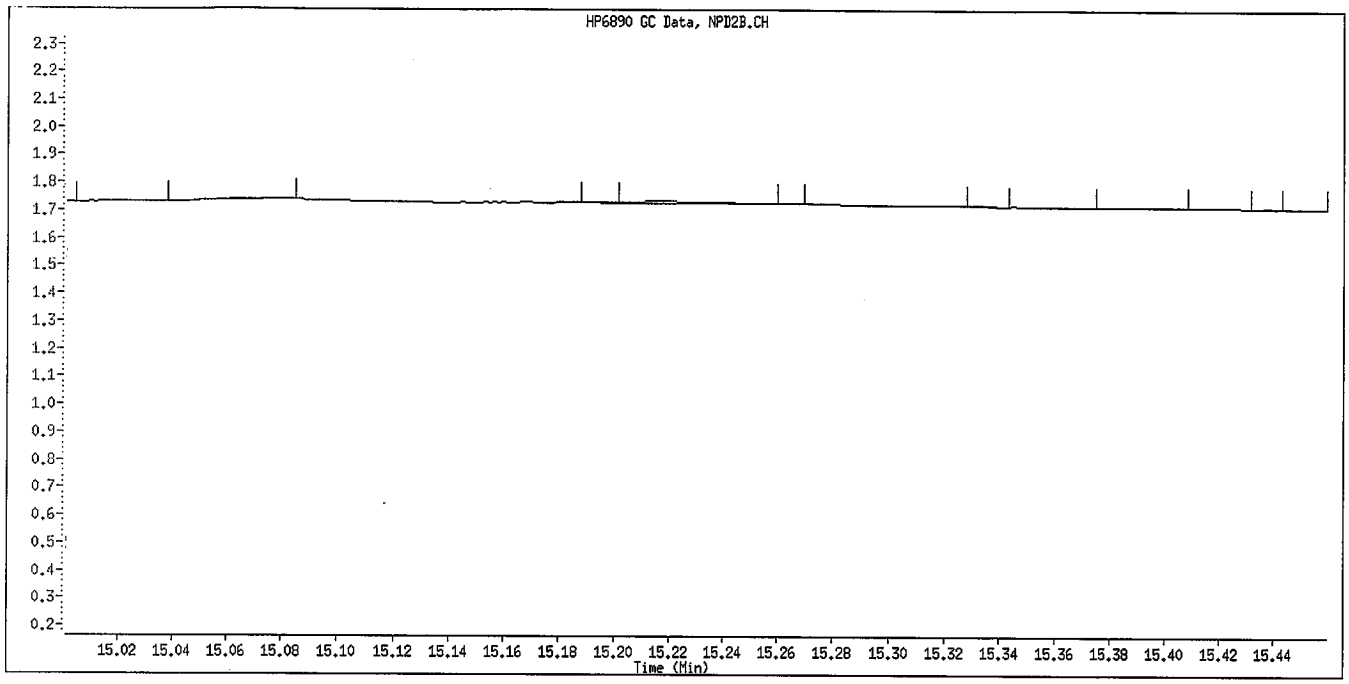
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	126959	63480	253918	107017	-15.71
36 TOCP	68161	34081	136322	71609	5.06

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.12	0.02
36 TOCP	18.82	18.32	19.32	18.81	-0.00

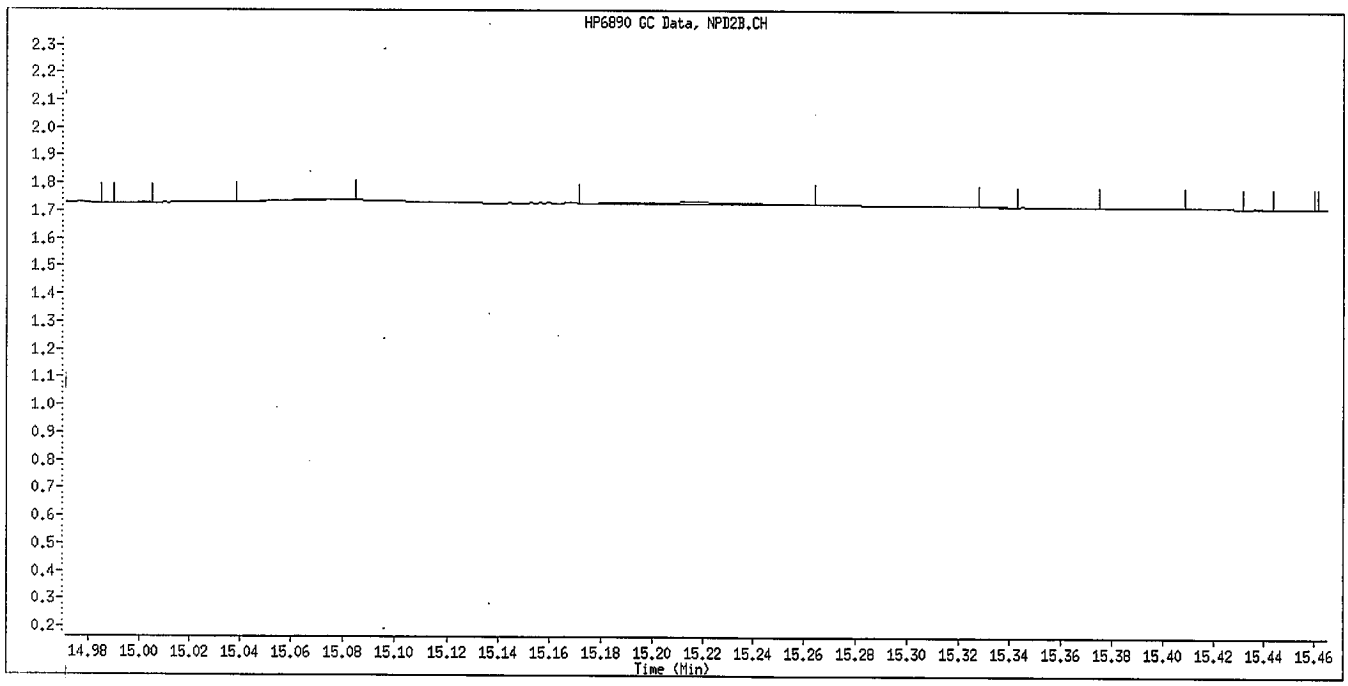
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\008F0801.D
Date : 26-JUN-2009 20:45
Client ID: OPP L2 GSV0640
Sample Info: OPP L2 GSV0640
Column phase: RTx-OPPest
Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32
\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\008F0801.D
Y (x10^5)
Min
-o,o,o-TEPT
-Dichlorvos
-Chlormefos
-Mevinphos
-Demeton-O
-Thionazin
-Ethoprop
-Phorate
-Naled
-Sulfotepp
-Tributylphosphate
-Simazine
-Atrazine
-Diazinon
-Propazine
-Disulfoton
-Demeton-S
-Dimethoate
-Ronnel
-Merphos-A (Merphos)
-Chlorpyrifos
-Fenthion
-Trichloronate
-Anilazine
-Methyl Parathion
-Malathion
-Tokuthion
-Merphos-B (Merphos Oxone)
-Tetrachlorvinphos (stirofos)
-Carbophenothion methyl
-Bolstar
-Carbophenothion
-Triphenyl phosphate
-Fensulfothion
-Phosmet / EPN
-Famphur
-Azinphos-methyl
-Azinphos-ethyl
TOCP
-Coumaphos
Page 4

Data File Name: 008F0801.D
Inj. Date and Time: 26-JUN-2009 20:45
Instrument ID: GC_D2.i
Client ID: OPP L2 GSV0640
Compound Name: Anilazine
CAS #:
Report Date: 06/30/2009



Original Integration

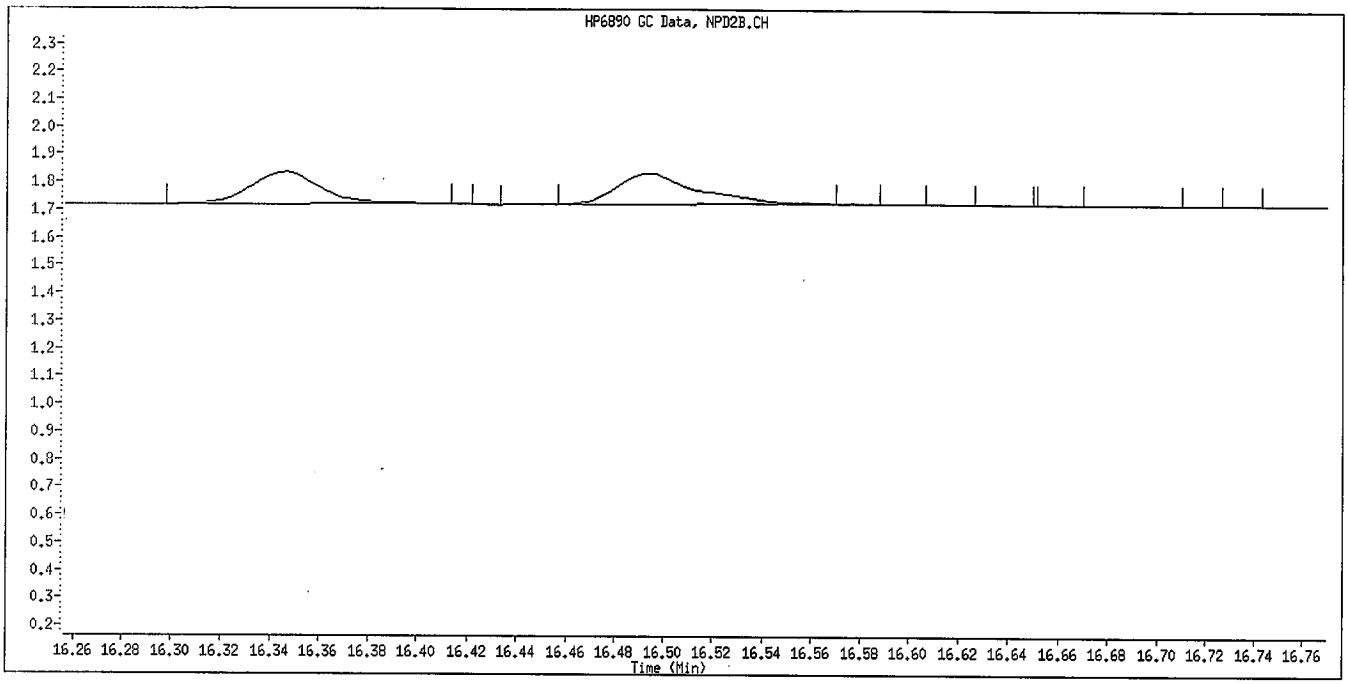


Manual Integration

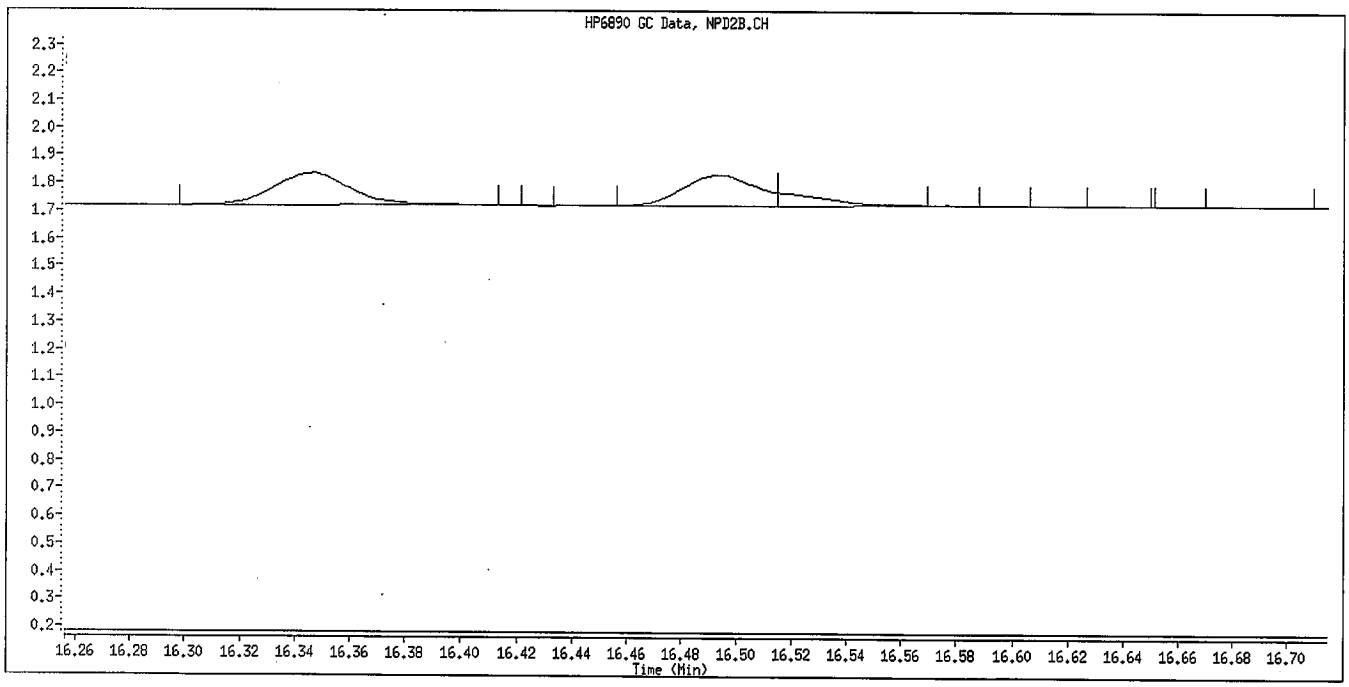
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 008F0801.D
Inj. Date and Time: 26-JUN-2009 20:45
Instrument ID: GC_D2.i
Client ID: OPP L2 GSV0640
Compound Name: Parathion
CAS #:
Report Date: 06/30/2009



Original Integration

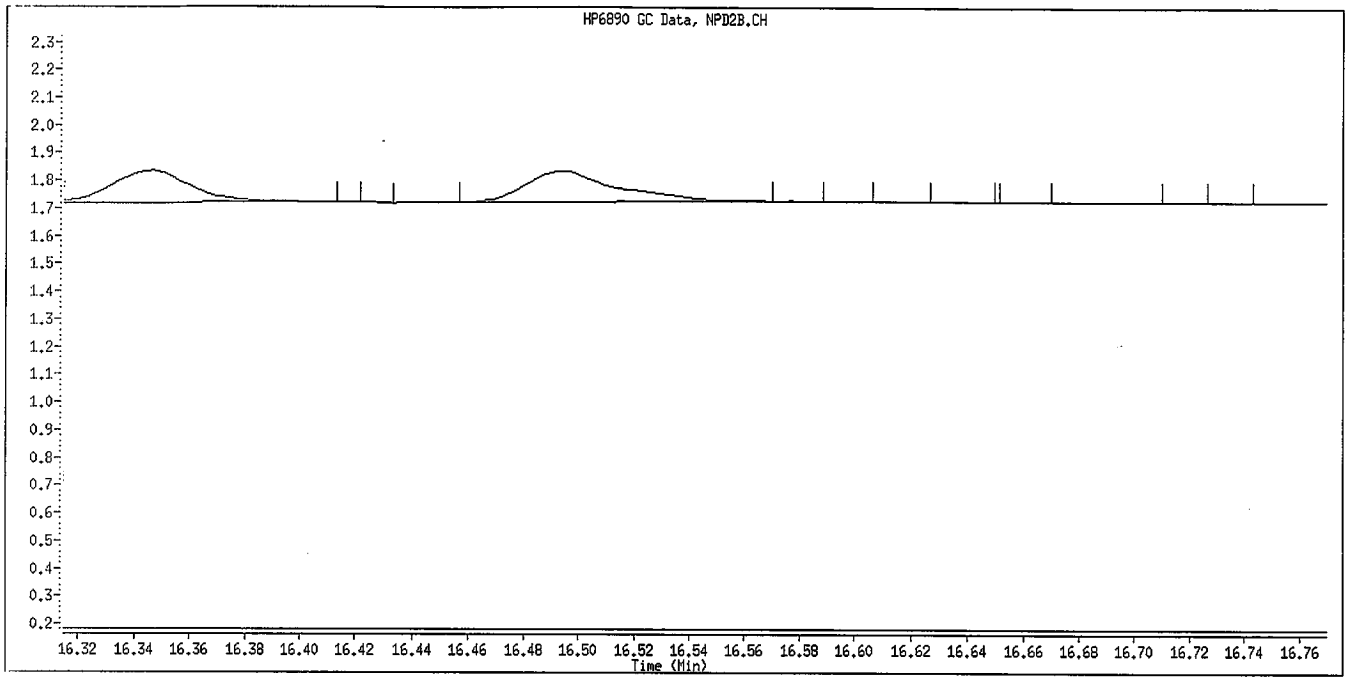


Manual Integration

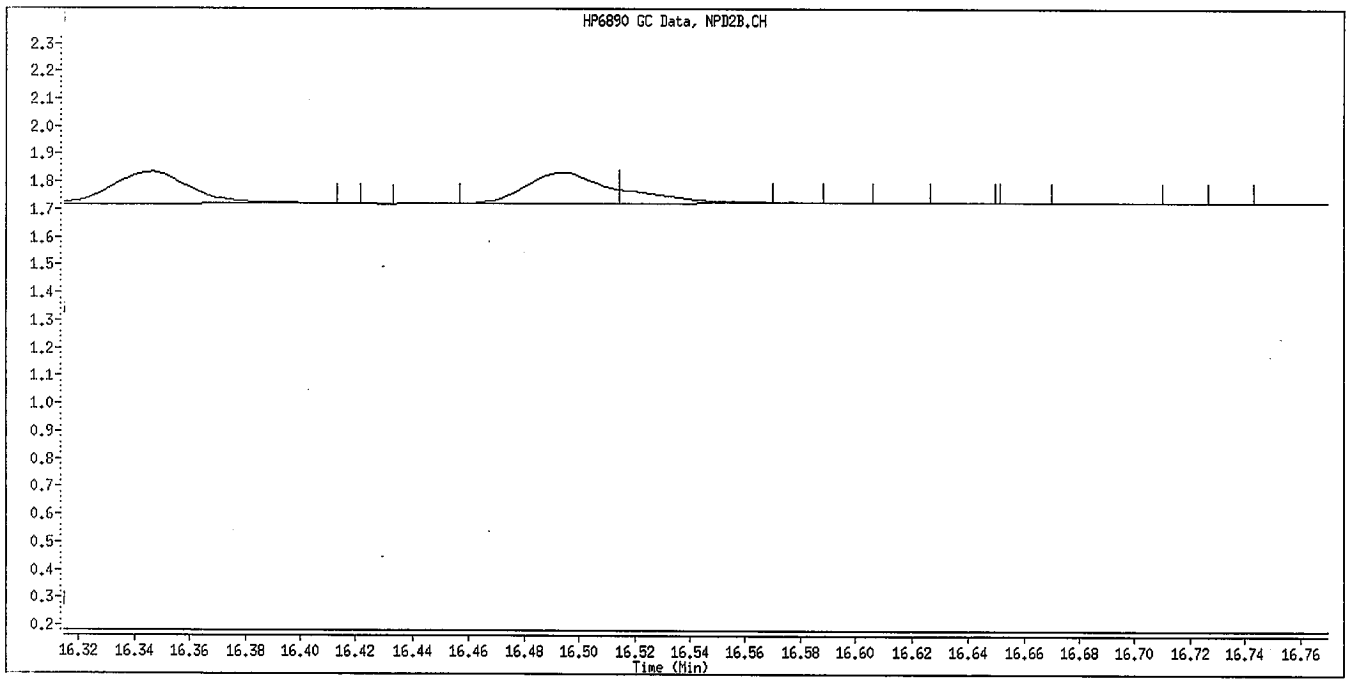
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 008F0801.D
Inj. Date and Time: 26-JUN-2009 20:45
Instrument ID: GC_D2.i
Client ID: OPP L2 GSV0640
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\009F0901.D
Lab Smp Id: OPP L1 GSV0641 Client Smp ID: OPP L1 GSV0641
Inj Date : 26-JUN-2009 21:13
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L1 GSV0641
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Meth Date : 30-Jun-2009 12:58 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 20:45 Cal File: 008F0801.D
Als bottle: 9 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1 o,o,o-TEPT	4.731	4.731	(0.251)	21538	0.20000	0.2262
	2 Dichlorvos	6.546	6.546	(0.348)	14456	0.20000	0.1945
$	3 Chlormefos	7.382	7.384	(0.392)	16155	0.20000	0.2159
	4 Mevinphos	9.236	9.234	(0.491)	10624	0.20000	0.2122
	5 Demeton-O	9.737	9.734	(0.518)	2866	0.06500	0.06007
	6 Thionazin	9.986	9.984	(0.531)	15885	0.20000	0.2121
	7 Ethoprop	10.502	10.499	(0.558)	12514	0.20000	0.2237
	8 Phorate	10.537	10.539	(0.560)	13936	0.20000	0.2148
	9 Naled	10.939	10.939	(0.581)	94	0.20000	0.2739
	10 Sulfotepp	11.016	11.017	(0.585)	20595	0.20000	0.2105 (A)
*	11 Tributylphosphate	11.117	11.116	(1.000)	104756	2.00000	
	12 Simazine	11.399	11.399	(0.606)	2680	0.20000	0.1912 (A)
	13 Diazinon	11.541	11.541	(0.613)	12067	0.20000	0.2561
	14 Atrazine	11.581	11.584	(0.615)	5427	0.20000	0.4092 (A)
	15 Propazine	11.746	11.747	(0.624)	4880	0.20000	0.2531
	16 Disulfoton	12.052	12.049	(0.641)	10273	0.20000	0.1991
	17 Demeton-S	12.121	12.124	(0.644)	667	0.13600	0.1293
	18 Dimethoate	13.282	13.282	(0.706)	14242	0.20000	0.2059
	19 Ronnel	13.587	13.587	(0.722)	10994	0.20000	0.2362
	20 Merphos-A (Merphos)	13.689	13.689	(1.231)	7722	0.20000	0.2034 (A)
	21 Chlorpyrifos	14.409	14.409	(0.766)	9439	0.20000	0.1999
	22 Fenthion	14.661	14.662	(0.779)	8896	0.20000	0.2031
	23 Trichloronate	14.709	14.711	(0.782)	6944	0.20000	0.2138
	24 Anilazine	15.217	15.216	(0.809)	1634	0.20000	0.4033 (M)
	25 Methyl Parathion	15.519	15.519	(0.825)	8934	0.20000	0.1890
	26 Malathion	15.724	15.724	(0.836)	9125	0.20000	0.2060
	27 Tokuthion	16.344	16.344	(0.869)	11061	0.20000	0.2133
	28 Parathion	16.494	16.494	(0.877)	9355	0.20000	0.2008 (M)
	29 Merphos-B (Merphos Oxone)	16.512	16.517	(1.485)	3793	0.20000	0.2310 (AM)
	30 Tetrachlorvinphos (stirophos)	16.976	16.977	(0.902)	6332	0.20000	0.2101
	31 Carbophenothion methyl	17.081	17.082	(0.908)	8575	0.20000	0.1985
	32 Bolstar	17.441	17.440	(0.927)	9809	0.20000	0.2156
	33 Carbophenothion	17.522	17.524	(0.931)	8717	0.20000	0.1948 (A)

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	34 Triphenyl phosphate	18.281	18.281	(0.972)	8167	0.20000	0.2224
	35 Fensulfothion	18.559	18.559	(0.986)	6502	0.20000	0.1929
*	36 TOCP	18.816	18.816	(1.000)	73597	2.00000	
	37 Phosmet / EPN	18.909	18.909	(1.005)	19707	0.40000	0.4475
	38 Famphur	19.012	19.011	(1.010)	10711	0.20000	0.2219
	39 Azinphos-methyl	19.149	19.147	(1.018)	9243	0.20000	0.2093
	40 Azinphos-ethyl	19.367	19.366	(1.029)	8391	0.20000	0.1995
	41 Coumaphos	20.349	20.347	(1.081)	5809	0.20000	0.1796
S	42 Merphos				11515	0.20000	0.1877
M	43 Total Demeton				3533	0.20000	0.1894

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

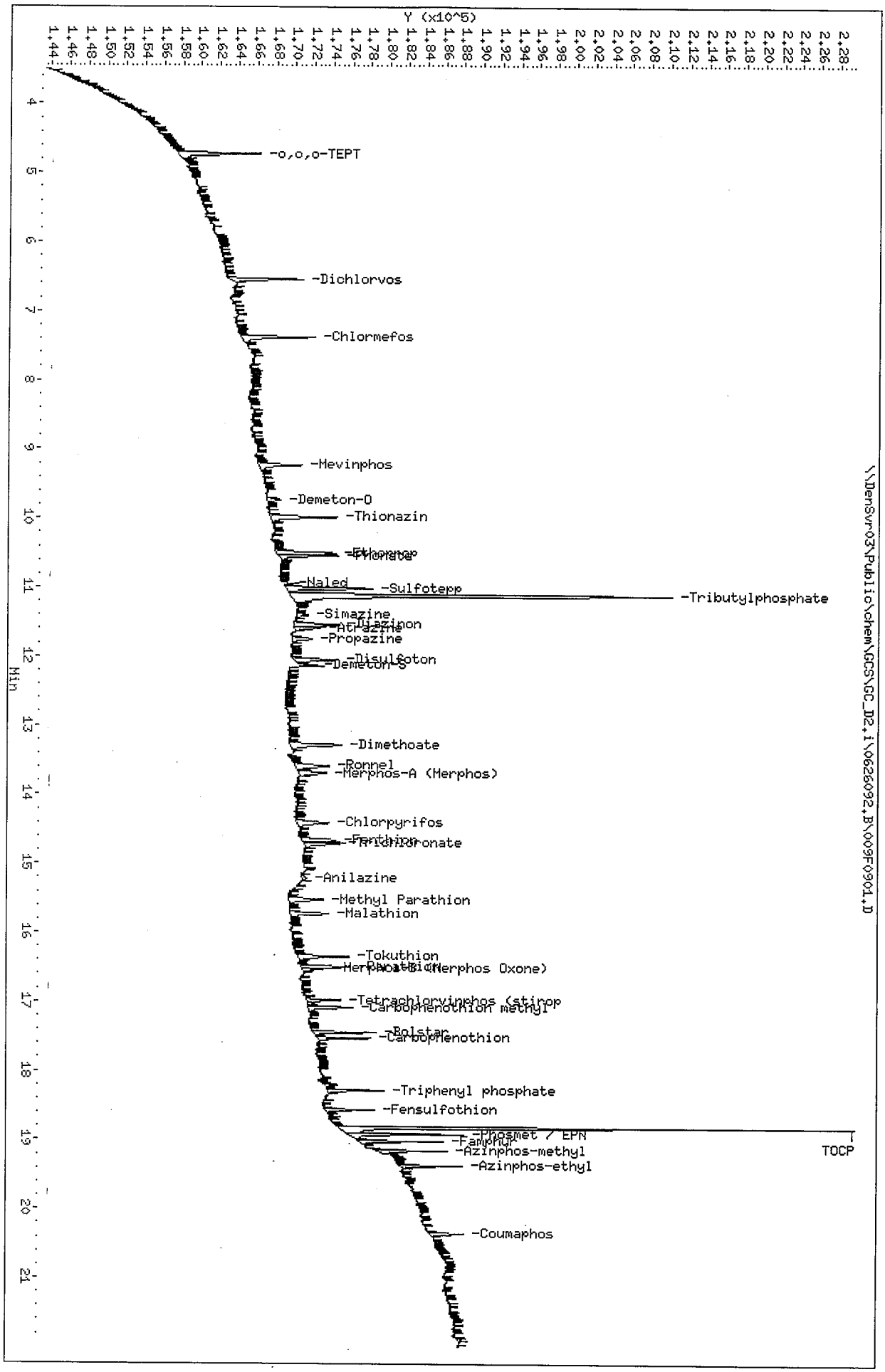
Instrument ID: GC_D2.i
Lab File ID: 009F0901.D
Lab Smp Id: OPP L1 GSV0641
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Misc Info:

Calibration Date: 26-JUN-2009
Calibration Time: 19:50
Client Smp ID: OPP L1 GSV0641
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	126959	63480	253918	104756	-17.49
36 TOCP	68161	34081	136322	73597	7.98

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.12	0.02
36 TOCP	18.82	18.32	19.32	18.82	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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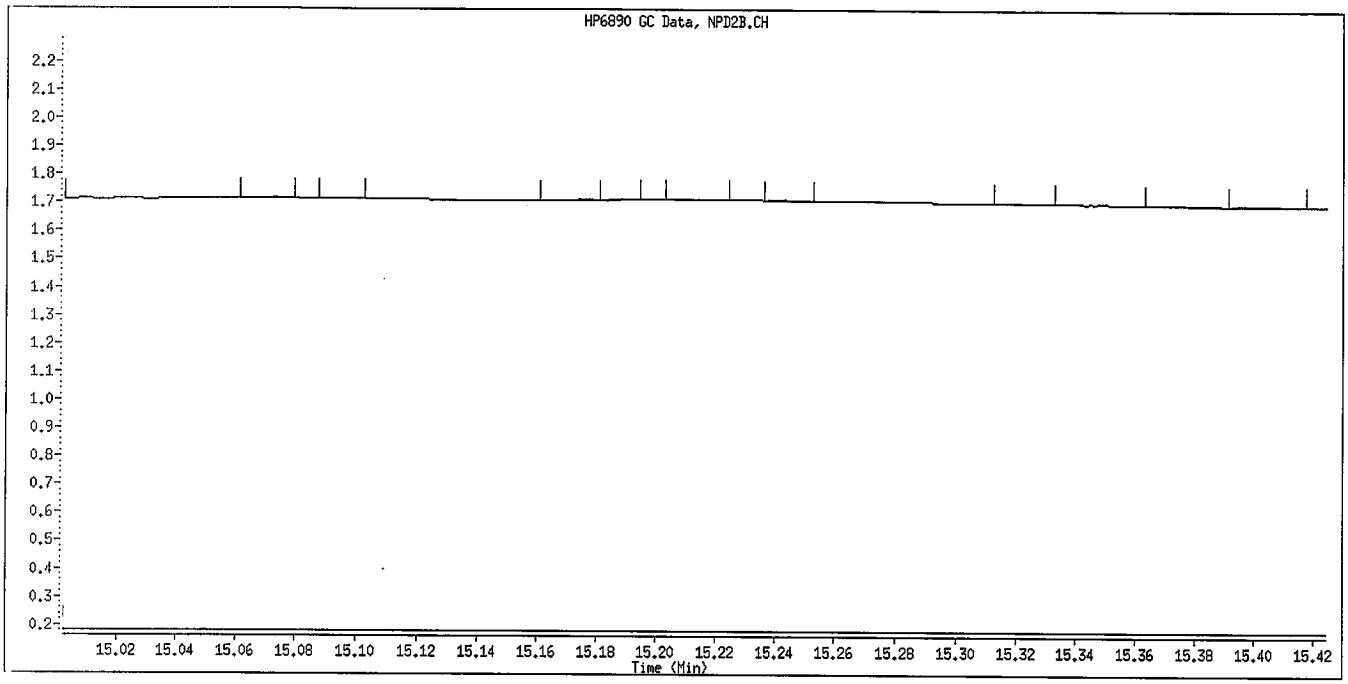
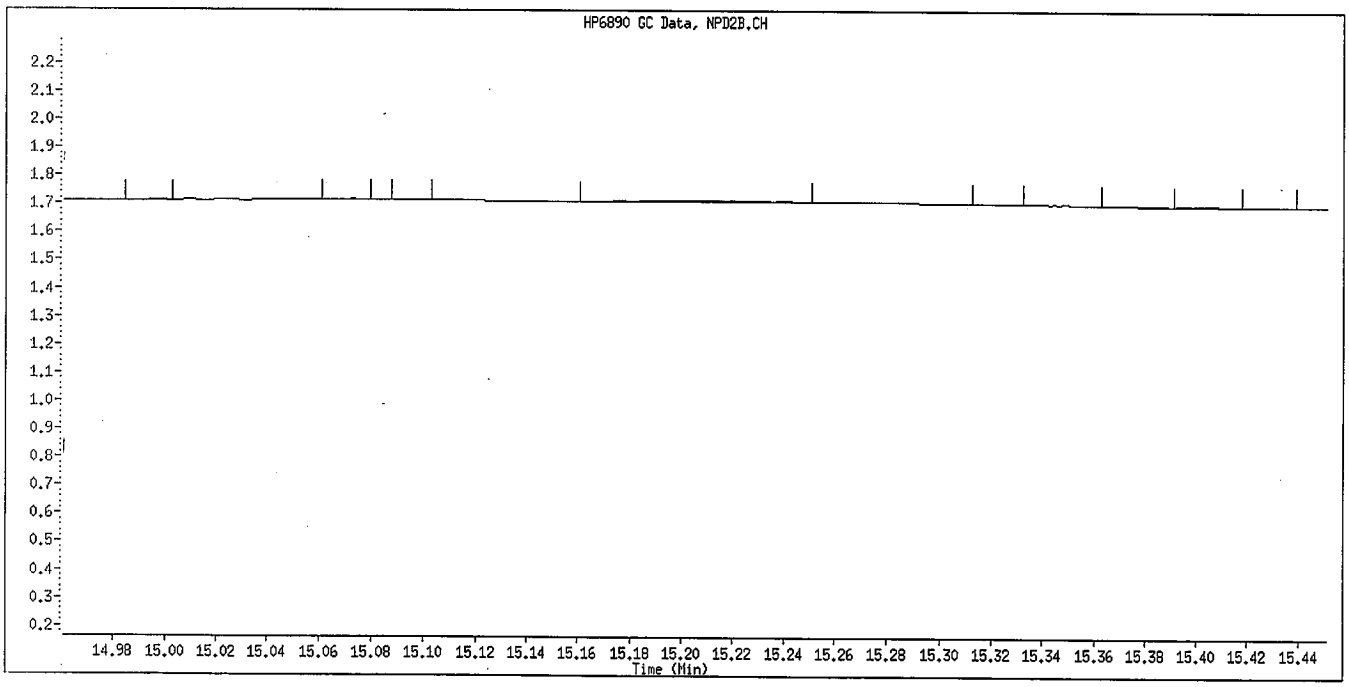
Date : 26-JUN-2009 21:13
Client ID: OPP L1 GSV0641
Sample Info: OPP L1 GSV0641
Column phase: RTx-OPPest
Instrument: GC_D2,i
Operator: MPK/TLW
Column diameter: 0.32
\\DenSvr03\Public\chem\GCS\GC_D2,i\0626092,B\009F0901.D
Y (x10^5)
Min
-o,o,o-TEPT
-Dichlorvos
-Chlormefos
-Mevinphos
-Demeton-O
-Thionazin
-Naled
-Sulfotepp
-Tributylphosphate
-Simazine
-Propazine
-Dimethoate
-Ronnel
-Merphos-A (Merphos)
-Chlorpyrifos
-Anilazine
-Methyl Parathion
-Malathion
-Tokuthion
-Tetrachlorvinphos (stirop
-Carbophenothion methyl
-Carbophenothion
-Triphenyl phosphate
-Fensulfothion
-Phosmet / EPN
-Azinphos-methyl
-Azinphos-ethyl
TOCP
-Coumaphos

Data File Name: 009F0901.D
Inj. Date and Time: 26-JUN-2009 21:13
Instrument ID: GC_D2.i
Client ID: OPP L1 GSV0641
Compound Name: Anilazine
CAS #:
Report Date: 06/30/2009



Original Integration

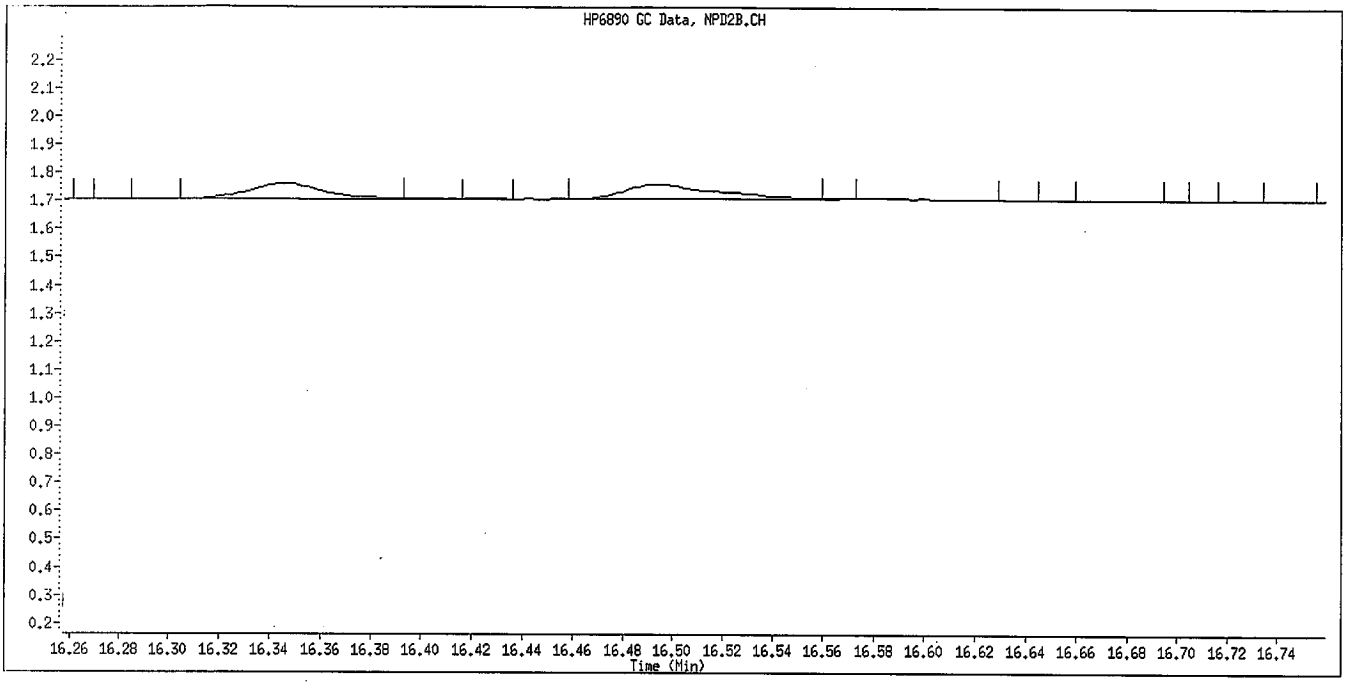


Manual Integration

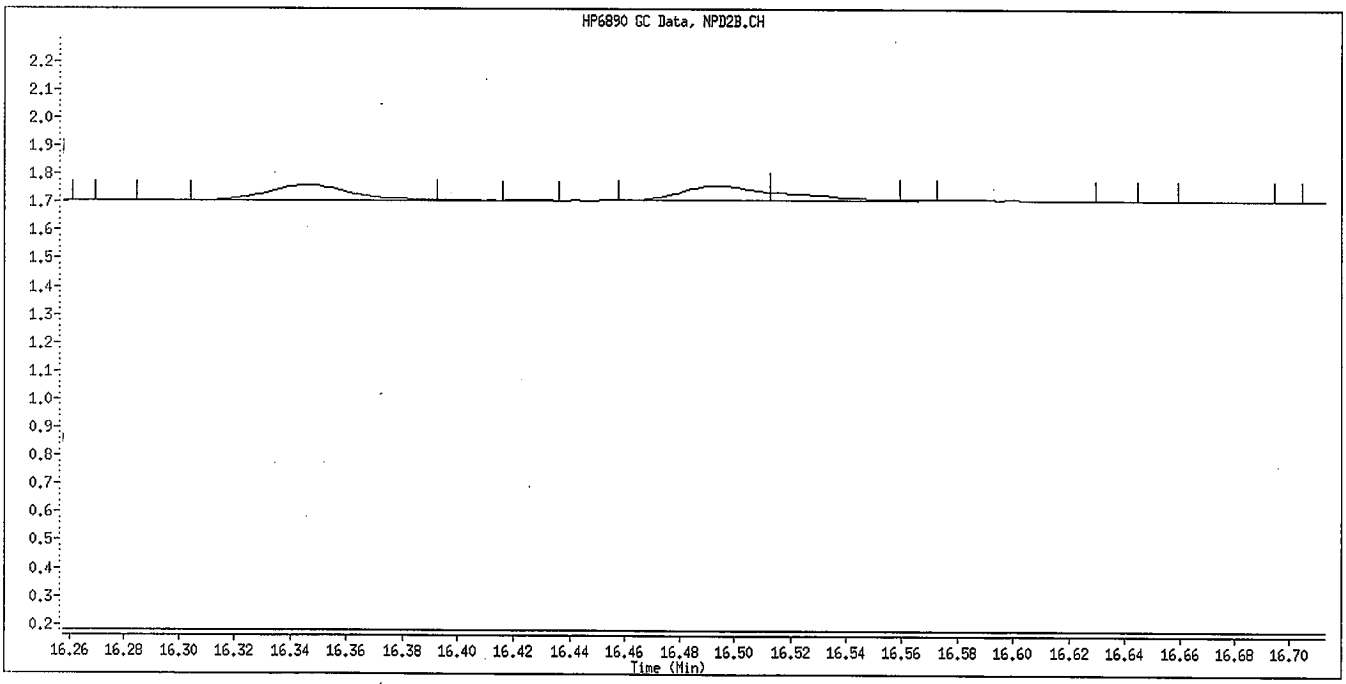
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 009F0901.D
Inj. Date and Time: 26-JUN-2009 21:13
Instrument ID: GC_D2.i
Client ID: OPP L1 GSV0641
Compound Name: Parathion
CAS #:
Report Date: 06/30/2009



Original Integration

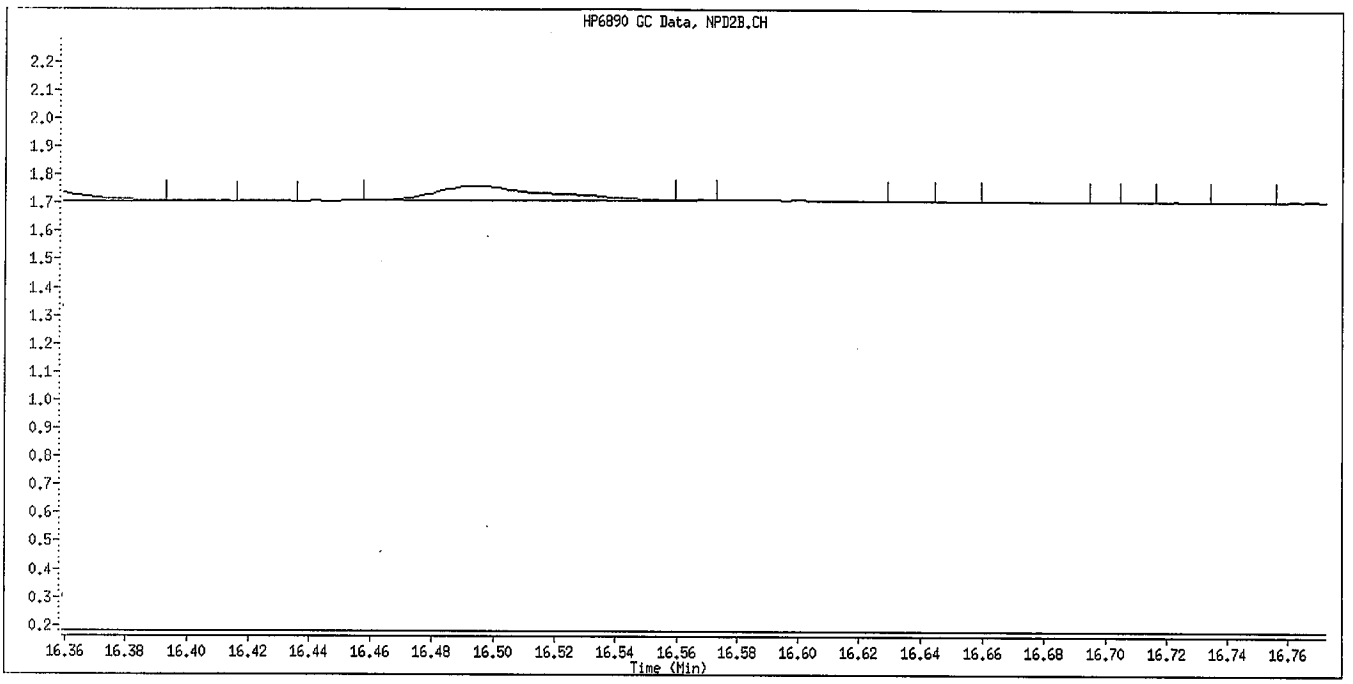


Manual Integration

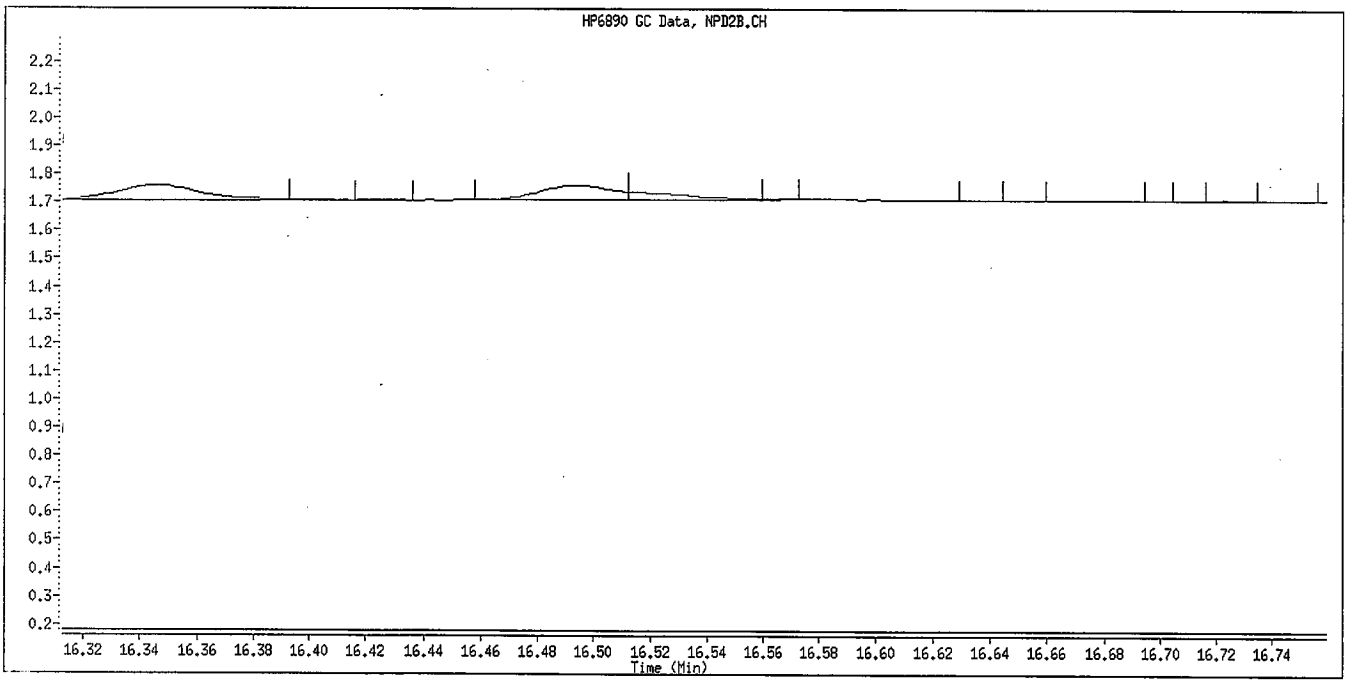
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 009F0901.D
Inj. Date and Time: 26-JUN-2009 21:13
Instrument ID: GC_D2.i
Client ID: OPP L1 GSV0641
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

JG 6/30/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\010F1001.D
Lab Smp Id: OPP SS GSV0633 Client Smp ID: OPP SS GSV0633
Inj Date : 26-JUN-2009 21:40
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP SS GSV0633
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Meth Date : 30-Jun-2009 13:09 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 10 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
1	o,o,o-TEPT	4.728	4.731	(0.251)	178670	2.00000	2.007
2	Dichlorvos	6.545	6.546	(0.348)	123097	2.00000	1.771
$ 3	Chlormefos	7.383	7.384	(0.392)	118669	2.00000	1.696
4	Mevinphos	9.232	9.234	(0.491)	85996	2.00000	1.836
5	Demeton-O	9.733	9.734	(0.517)	91352	0.65000	2.047
6	Thionazin	9.983	9.984	(0.531)	131360	2.00000	1.876
7	Ethoprop	10.498	10.499	(0.558)	99220	2.00000	1.896
8	Phorate	10.537	10.539	(0.560)	118380	2.00000	1.951
9	Naled	10.938	10.939	(0.581)	13173	2.00000	1.049
10	Sulfotepp	11.017	11.017	(0.586)	156890	2.00000	1.714(A)
* 11	Tributylphosphate	11.115	11.116	(1.000)	123933	2.00000	
12	Simazine	11.398	11.399	(0.606)	47205	2.00000	3.601(A)
13	Diazinon	11.540	11.541	(0.613)	101968	2.00000	2.080
14	Atrazine	11.580	11.584	(0.615)	49851	2.00000	1.969(A)
15	Propazine	11.745	11.747	(0.624)	42529	2.00000	1.874
16	Disulfoton	12.048	12.049	(0.640)	81906	2.00000	1.697(M)
17	Demeton-S	12.120	12.124	(0.644)	4990	1.36000	0.2011(M)
18	Dimethoate	13.280	13.282	(0.706)	120970	2.00000	1.870
19	Ronnel	13.587	13.587	(0.722)	87569	2.00000	2.011
20	Merphos-A (Merphos)	13.687	13.689	(1.231)	24019	2.00000	0.5348(A)
21	Chlorpyrifos	14.410	14.409	(0.766)	93110	2.00000	2.108
22	Fenthion	14.660	14.662	(0.779)	84515	2.00000	2.063
23	Trichloronate	14.708	14.711	(0.782)	105095	2.00000	1.862
24	Anilazine	15.215	15.216	(0.809)	4699	2.00000	1.242(M)
25	Methyl Parathion	15.517	15.519	(0.825)	89448	2.00000	2.023(A)
26	Malathion	15.723	15.724	(0.836)	63638	2.00000	1.536
27	Tokuthion	16.345	16.344	(0.869)	91793	2.00000	1.892
28	Parathion	16.493	16.494	(0.877)	92973	2.00000	2.134
29	Merphos-B (Merphos Oxone)	16.518	16.517	(1.486)	68602	2.00000	5.008(A)
30	Tetrachlorvinphos (stirophos)	16.975	16.977	(0.902)	58667	2.00000	2.081
31	Carbophenothion methyl	17.080	17.082	(0.908)	50362	2.00000	1.246
32	Bolstar	17.440	17.440	(0.927)	88423	2.00000	2.078
33	Carbophenothion	17.522	17.524	(0.931)	73217	2.00000	1.750(A)

		Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	34	Triphenyl phosphate	18.278	18.281	(0.971)	59320	2.00000	1.727
	35	Fensulfothion	18.558	18.559	(0.986)	65657	2.00000	2.082
*	36	TOCP	18.815	18.816	(1.000)	68831	2.00000	
	37	Phosmet / EPN	18.908	18.909	(1.005)	122970	4.00000	3.469
	38	Famphur	19.010	19.011	(1.010)	79361	2.00000	1.758
	39	Azinphos-methyl	19.145	19.147	(1.018)	74782	2.00000	1.811
	40	Azinphos-ethyl	19.363	19.366	(1.029)	70726	2.00000	1.798
	41	Coumaphos	20.347	20.347	(1.081)	59237	2.00000	1.959
S	42	Merphos				92621	2.00000	1.615
M	43	Total Demeton				96342	2.00000	2.248

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

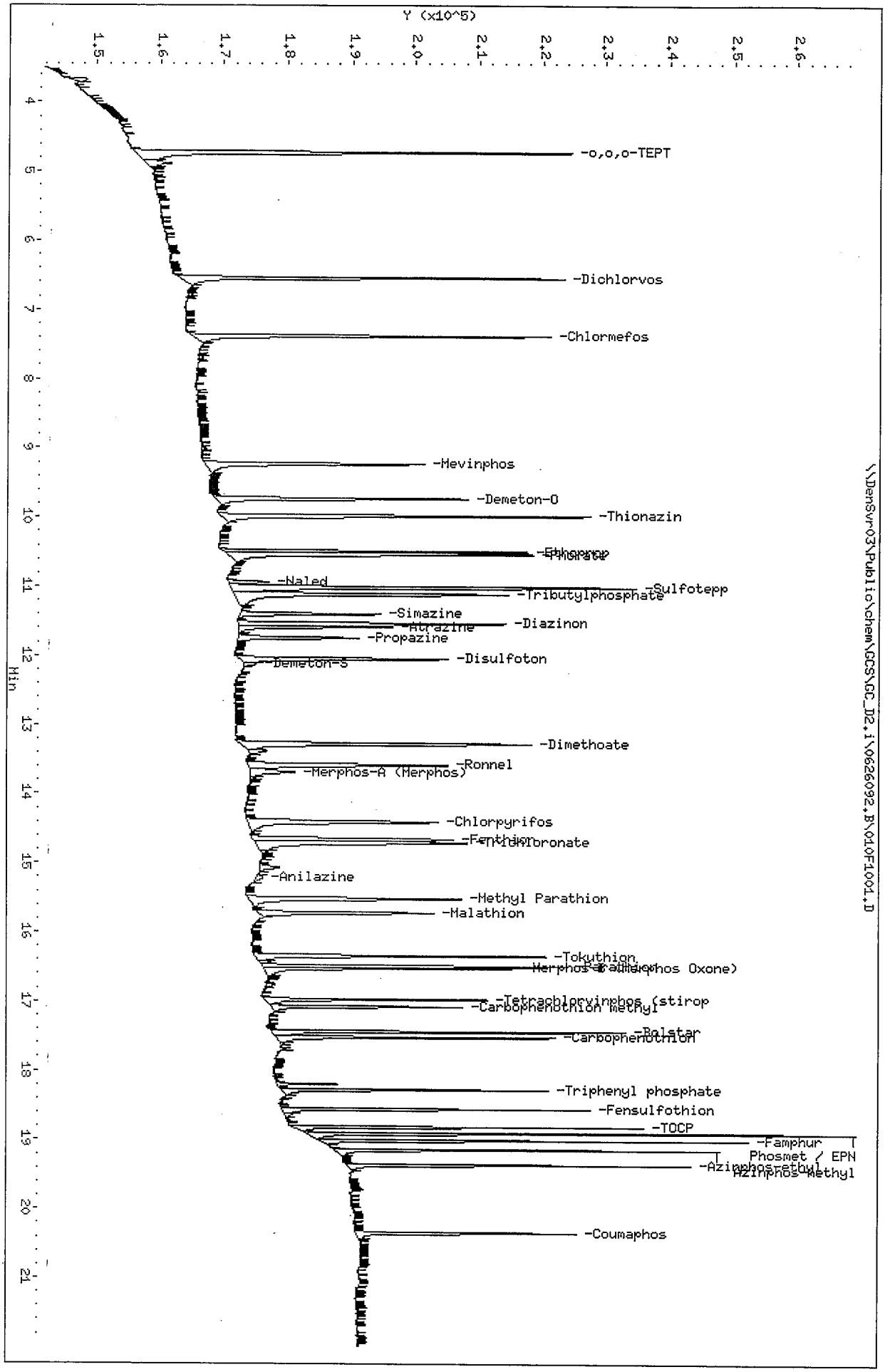
Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Lab Smp Id: OPP SS GSV0633
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Misc Info:

Calibration Date: 27-JUN-2009
Calibration Time: 04:04
Client Smp ID: OPP SS GSV0633
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	143401	71701	286802	123933	-13.58
36 TOCP	69335	34668	138670	68831	-0.73

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.12	-0.05
36 TOCP	18.82	18.32	19.32	18.82	-0.01

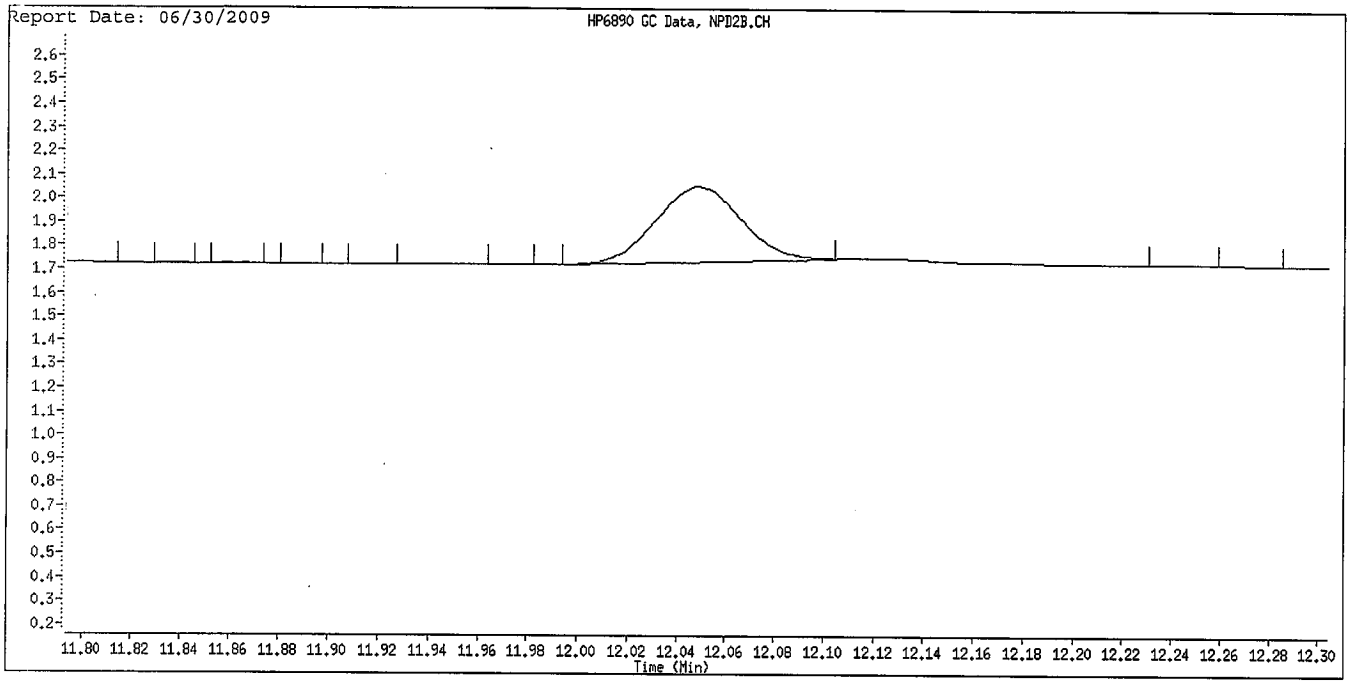
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



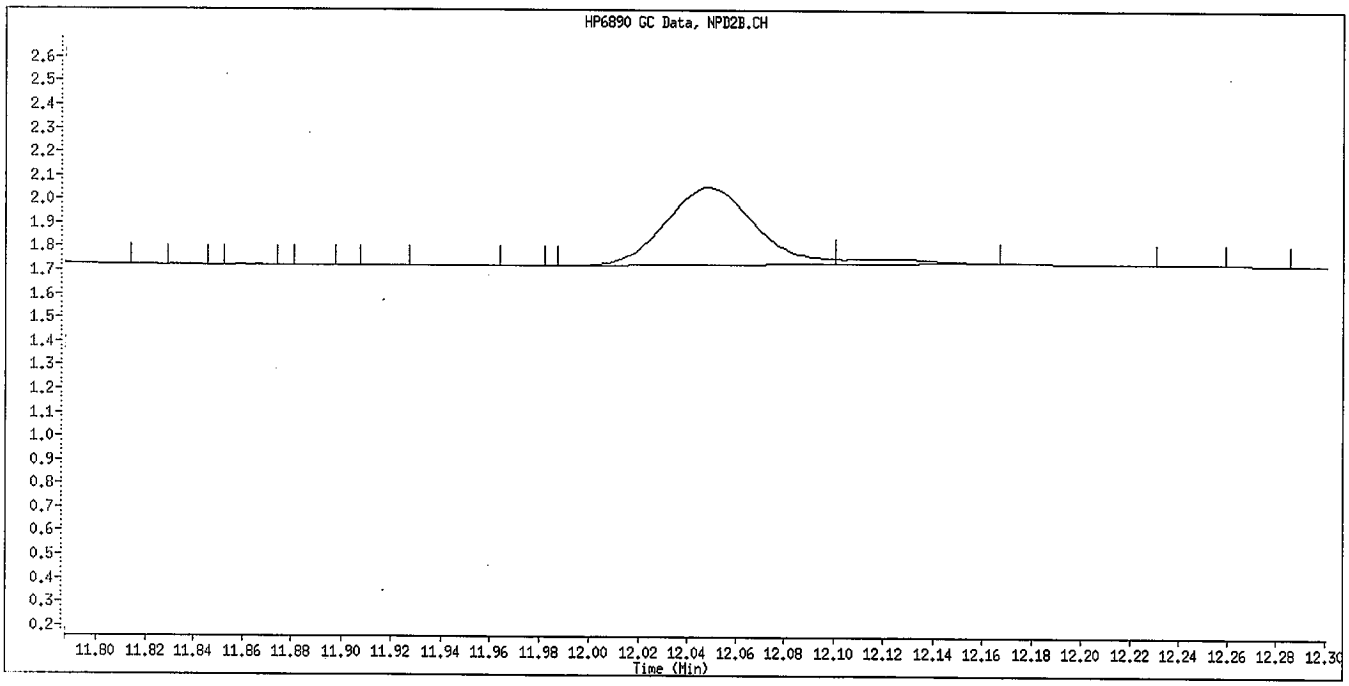
Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\010F1001.D
Date : 26-JUN-2009 21:40
Client ID: OPP SS GSV0633
Sample Info: OPP SS GSV0633
Column phase: RTx-OPPest

Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

Data File Name: 010F1001.D
Inj. Date and Time: 26-JUN-2009 21:40
Instrument ID: GC_D2.i
Client ID: OPP SS GSV0633
Compound Name: Disulfoton
CAS #: 298-04-4
Report Date: 06/30/2009



Original Integration

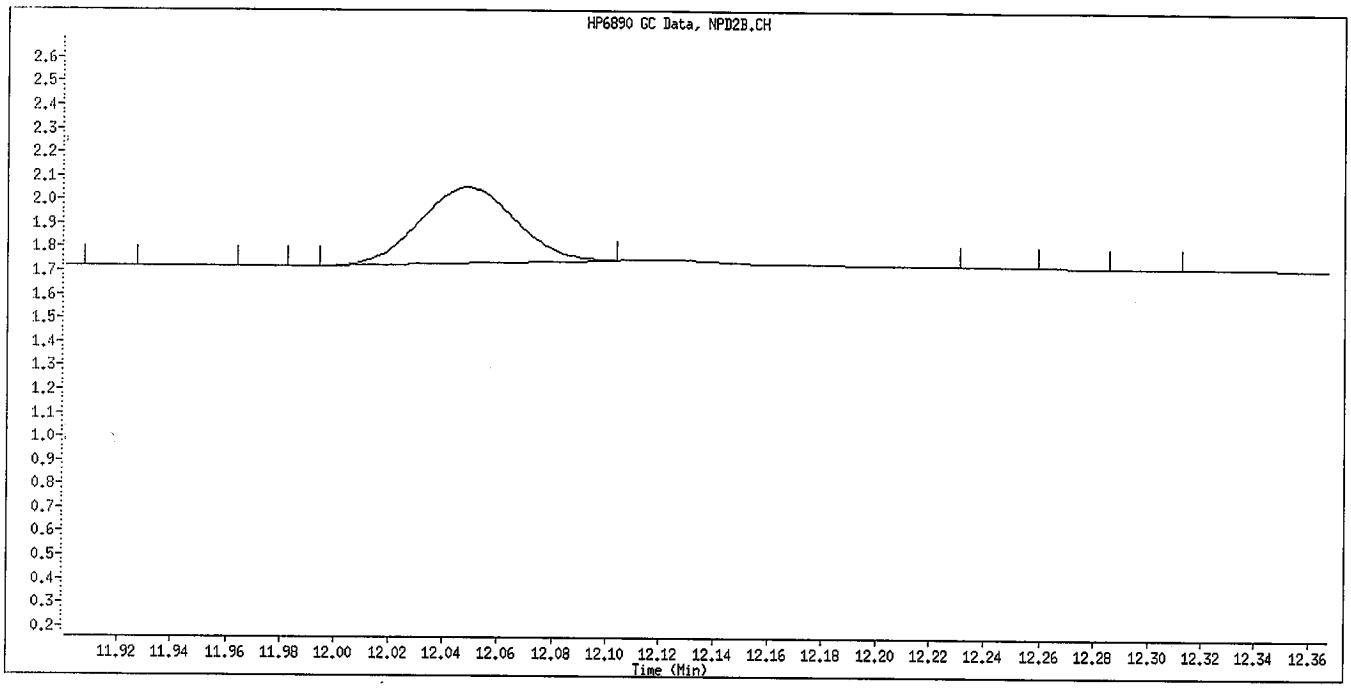


Manual Integration

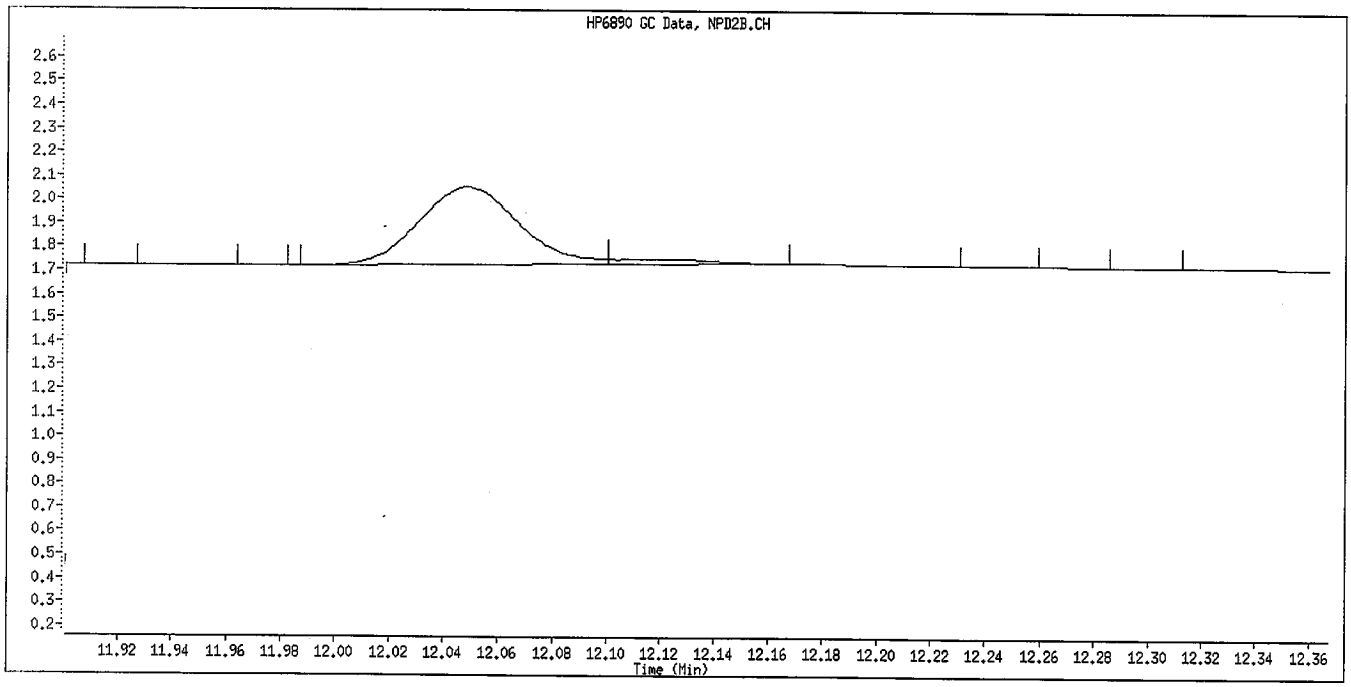
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/07

Data File Name: 010F1001.D
Inj. Date and Time: 26-JUN-2009 21:40
Instrument ID: GC_D2.i
Client ID: OPP SS GSV0633
Compound Name: Demeton-S
CAS #: 126-75-0
Report Date: 06/30/2009



Original Integration

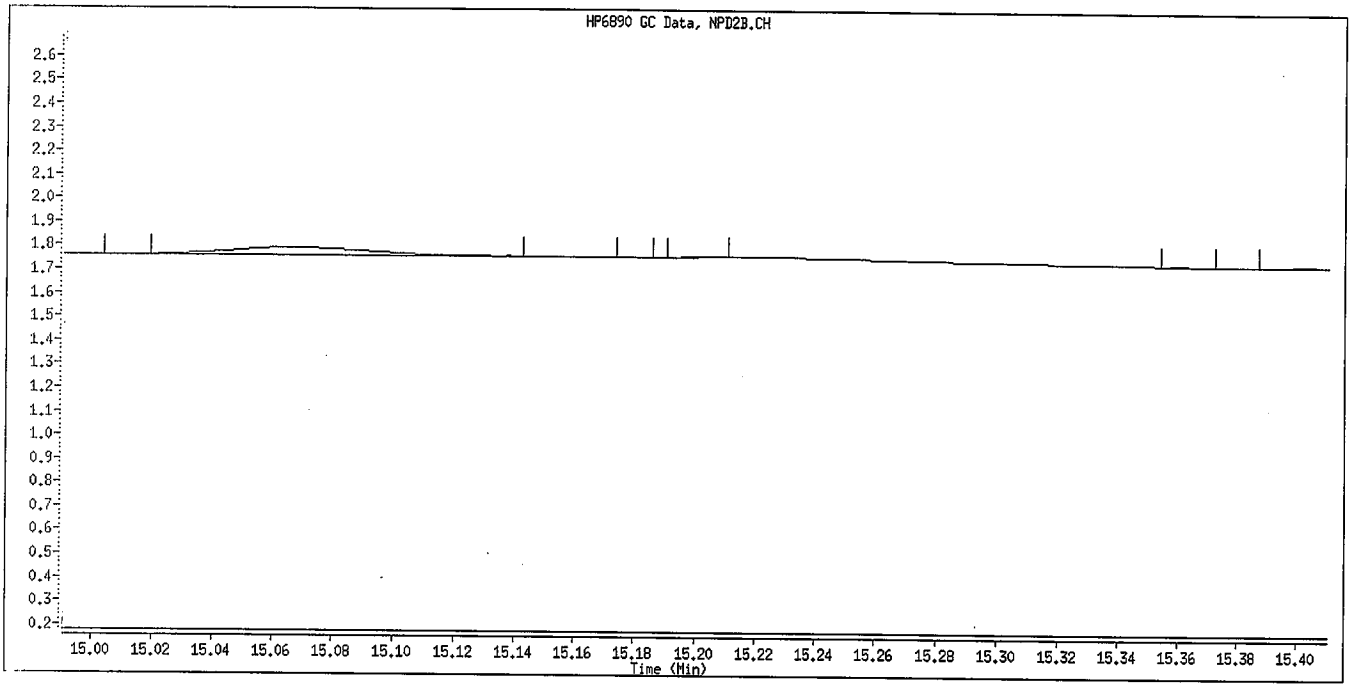


Manual Integration

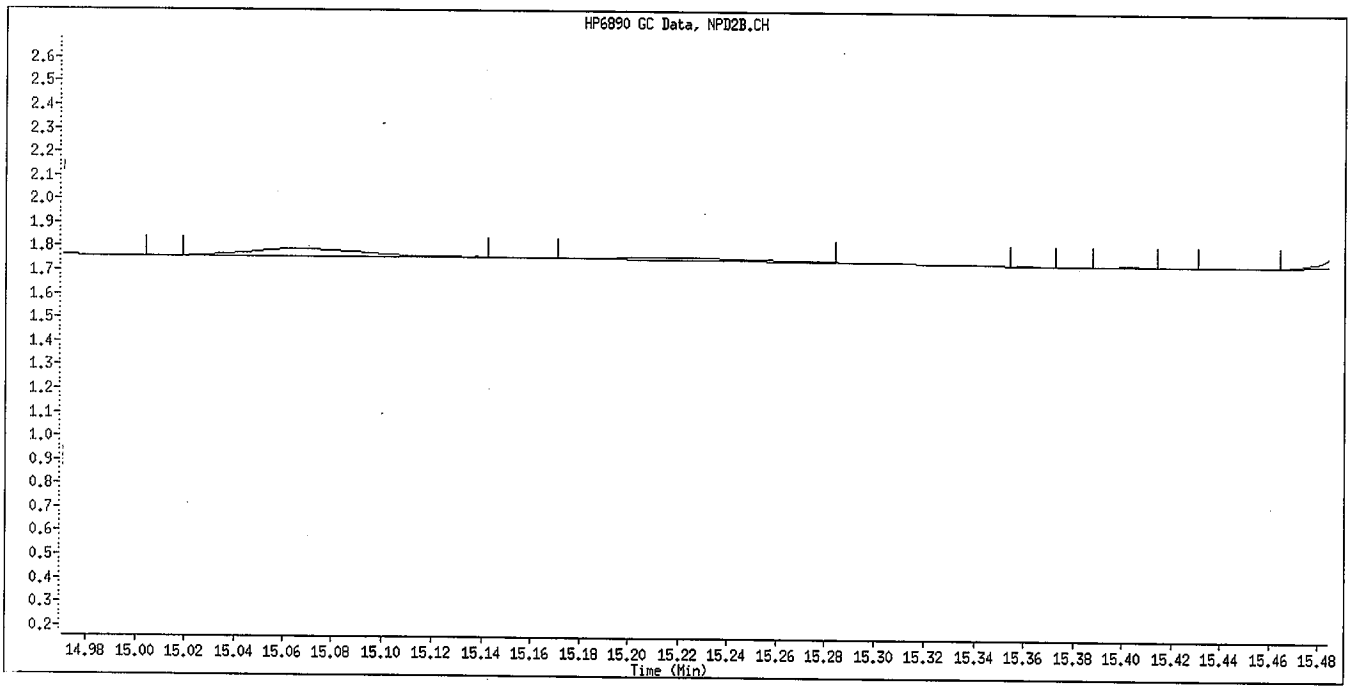
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 010F1001.D
Inj. Date and Time: 26-JUN-2009 21:40
Instrument ID: GC_D2.i
Client ID: OPP SS GSV0633
Compound Name: Anilazine
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Semivolatile GC

Supporting Documentation

Sample Sequence, Chromatograms

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Lot ID: D9G020222

Client: Northgate

Method: 8141

Associated Samples: 1

Batch #(s): 9188427

I certify that, to the best of my knowledge, the attached package represents a complete and accurate copy of the original data.

Signature/Date: 7/14/09

GC SEMIVOLATILE ORGANIC EXTRACTION LOG SHEETS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

RQC058

TestAmerica Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 7/09/09
Time: 17:48:10

LEV 1	LEV 2		LEV 1	LEV 2	
Y	Y	Blank	Y	Y	Weights/Volumes
Y	Y	Check	Y	Y	Spike & Surrogate Worksheet
Y	Y	MS/MSD	Y	Y	Vial contains correct volume
			Y	Y	Labels, greenbars, worksheets computer batch: correct & all match
			_	_	Anomalies to Extraction Method

_ Expanded Deliverable
_ COC Completed
_ Bench Sheet Copied
_ Package Submitted to AnalyticalGroup
_ Bench Sheet Copied per COC

Extractionist: 009580 David Bourgery

Concentrationist: 002074 Cheyana Cokley

Reviewer/Date: COKLEYC / 7/09/09

QC BATCH: 9188427

PREP DATE: 7/07/09 20:00
COMP DATE: 7/09/09 17:50

Compounds, Organophosphorus (8141A)
SOXHLET (NONE,Na2SO4)

EXTR EXPR	ANL DUE	LOT#,MSRUN#/ WORK ORDER	TEST FLGS	EXT	MTH	MATRIX	INIT/FIN WT/VOL	INIT	PH"S ADJ1	ADJ2	EXTRACTION	SOLVENTS VOL	EXCHANGE	VOL	SPIKE STANDARD/ SURROGATE ID
7/14/09	7/14/09	D9G020222-001 **LF1T8-1-AA**	DR	11	P2	SOLID	**29.33g** 2.00mL	NA	NA	NA	1:1	300.0	HEXANE	50.0	1ML GSV0673 6.4.09
COMMENTS:															
7/14/09	7/14/09	D9G020222-001 **LF1T8-1-ADS**	DR	11	P2	SOLID	**29.62g** 2.00mL	NA	NA	NA	1:1	300.0	HEXANE	50.0	1ML GSV0753 6.24.09 1ML GSV0673 6.4.09
COMMENTS:															
7/14/09	7/14/09	D9G020222-001 **LF1T8-1-AED**	DR	11	P2	SOLID	**29.43g** 2.00mL	NA	NA	NA	1:1	300.0	HEXANE	50.0	1ML GSV0753 6.24.09 1ML GSV0673 6.4.09
COMMENTS:															
7/15/09	7/14/09	D9G020235-001 **LF1XG-1-AA**	DR	11	P2	SOLID	**29.94g** 2.00mL	NA	NA	NA	1:1	300.0	HEXANE	50.0	1ML GSV0673 6.4.09
COMMENTS:															
7/15/09	7/14/09	D9G020235-001 **LF1XG-1-ACS**	DR	11	P2	SOLID	**30.11g** 2.00mL	NA	NA	NA	1:1	300.0	HEXANE	50.0	1ML GSV0753 6.24.09 1ML GSV0673 6.4.09
COMMENTS:															
7/15/09	7/14/09	D9G020235-001 **LF1XG-1-ADD**	DR	11	P2	SOLID	**29.95g** 2.00mL	NA	NA	NA	1:1	300.0	HEXANE	50.0	1ML GSV0753 6.24.09 1ML GSV0673 6.4.09
COMMENTS:															
7/15/09	7/14/09	D9G020235-002 **LF1XT-1-AA**	DR	11	P2	SOLID	**30.18g** 2.00mL	NA	NA	NA	1:1	300.0	HEXANE	50.0	1ML GSV0673 6.4.09
COMMENTS:															

RQC058

TestAmerica Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 7/09/09
Time: 17:48:10

QC BATCH: 9188427

PREP DATE: 7/07/09 20:00
COMP DATE: 7/09/09 17:50

EXTR EXPR	ANL DUE	LOT#,MSRUN#/ WORK ORDER	TEST FLGS	EXT	MTH	MATRIX	INIT/FIN WT/VOL	PH"S INIT	PH"S ADJ1	PH"S ADJ2	SOLVENTS EXTRACTION	SOLVENTS VOL	SOLVENTS EXCHANGE	SOLVENTS VOL	SPIKE STANDARD/ SURROGATE ID
7/15/09	7/14/09	D9G020235-003 **LF1XX-1-AA**	DR	11	P2	SOLID	**30.79g** 2.00mL	NA	NA	NA	1:1	300.0	HEXANE	50.0	1ML GSV0673 6.4.09
COMMENTS:															
7/14/09	0/00/00	D9G070000-427 **LF5T8-1-AAB**		11	P2	SOLID	**30.97g** 2.00mL	NA	NA	NA	1:1	300.0	HEXANE	50.0	1ML GSV0673 6.4.09
COMMENTS:															
7/14/09	0/00/00	D9G070000-427 **LF5T8-1-ACC**		11	P2	SOLID	**31.43g** 2.00mL	NA	NA	NA	1:1	300.0	HEXANE	50.0	1ML GSV0753 6.24.09 1ML GSV0673 6.4.09
COMMENTS:															

DV-OP-0010/7 BAL:J61947 SAND:XV0975 NA2SO4:G45627 1:1-H23E04 S/S:DB-E W:CL
TURBOVAP A:40C HEX:H11E04 PIP:CON-6

R = RUSH C = CLP
E = EPA 600 D = EXP.DEL)
M = CLIENT REQ MS/MSD

NUMBER OF WORK ORDERS IN BATCH: 10

Table of Contents

GC SEMIVOLATILE INSTRUMENT LOG SHEETS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CE\071309.S

Sequence Table (Front Injector):

Quantification Part:

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
1	Vial 1	PRIMER				
2	Vial 2	HEXANE				
3	Vial 3	OPP CCV GSV0827				
4	Vial 4	OPP SS GSV				
5	Vial 5	LF7RT1AA,MB				
6	Vial 6	LF7RT1AD,LCS				
7	Vial 7	LF7RT1AE,LCSD				
8	Vial 8	LFC4G2AA,197-1				
9	Vial 9	LFC4M2AA,198-1				
10	Vial 10	OPP CCV GSV0827				
11	Vial 11	LF5T81AA,MB				
12	Vial 12	LF5T81AC,LCS				
13	Vial 13	LF1T81AA,222-1				
14	Vial 14	LF1T81AD,222-1S				
15	Vial 15	LF1T81AE,222-1D				
16	Vial 16	LF1XG1AA,235-1				
17	Vial 17	LF1XG1AC,235-1S				
18	Vial 18	LF1XG1AD,235-1D				
19	Vial 19	LF1XT1AA,235-2				
20	Vial 20	LF1XX1AA,235-3				
21	Vial 21	OPP CCV GSV0827				
22	Vial 22	OPP L1 GSV				
23	Vial 2	HEXANE/ACETONE				

9189494

9188487

Sequence Table (Back Injector):

No entries - empty table!

GC SEMIVOLATILE
CONTINUING CALIBRATION DATA

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B/010F1001.D
Report Date: 07/14/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Analysis Type: NONE

Injection Date: 13-JUL-2009 20:24
Lab Sample ID: OPP CCV GSV0827
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.1196	15.2	15.0	<-
2	Dichlorvos	2.5000	2.1005	16.0	15.0	<-
3	Mevinphos	2.5000	2.5551	2.2	15.0	
4	Chlormefos	2.5000	2.4021	3.9	15.0	
5	Thionazin	2.5000	2.3356	6.6	15.0	
6	Demeton-O	0.8125	0.7011	13.7	15.0	
7	Ethoprop	2.5000	2.3134	7.5	15.0	
8	Naled	2.5000	3.5810	43.2	15.0	<-
9	Sulfotepp	2.5000	2.4307	2.8	15.0	
10	Phorate	2.5000	2.3319	6.7	15.0	
11	Dimethoate	2.5000	2.5150	0.6	15.0	
12	Demeton-S	1.7000	1.6459	3.2	15.0	
13	Simazine	2.5000	2.1125	15.5	15.0	<-
14	Atrazine	2.5000	2.2786	8.9	15.0	
15	propazine	2.5000	2.2181	11.3	15.0	
17	Disulfoton	2.5000	2.5010	0.0	15.0	
16	Diazinon	2.5000	2.1942	12.2	15.0	
18	Methyl Parathion	2.5000	2.6974	7.9	15.0	
19	Ronnel	2.5000	2.1761	13.0	15.0	
20	Malathion	2.5000	2.3988	4.0	15.0	
21	Fenthion	2.5000	2.3975	4.1	15.0	
22	Parathion	2.5000	2.5190	0.8	15.0	
23	Chlorpyrifos	2.5000	2.2368	10.5	15.0	
24	Trichloronate	2.5000	2.3064	7.7	15.0	
25	Anilazine	2.5000	2.6602	6.4	15.0	
148	Merphos-A (Merphos)	2.5000	2.1335	14.7	999.0	
26	Tetrachlorvinphos (Stirophos)	2.5000	2.5724	2.9	15.0	
28	Tokuthion	2.5000	2.2457	10.2	15.0	
149	Merphos-B (Merphos Oxone)	2.5000	2.7119	8.5	999.0	
29	Carbophenothion-methyl	2.5000	2.4374	2.5	15.0	
29	Fensulfothion	2.5000	2.4911	0.4	15.0	
30	Bolstar / Famphur	5.0000	4.5534	8.9	15.0	
32	Carbophenothion	2.5000	2.1561	13.8	15.0	
31	Triphenyl phosphate	2.5000	2.3006	8.0	15.0	
34	Phosmet	2.5000	2.4661	1.4	15.0	
32	EPN	2.5000	2.6567	6.3	15.0	
33	Azinphos-methyl	2.5000	2.6326	5.3	15.0	
35	Azinphos-ethyl	2.5000	2.4080	3.7	15.0	
36	Coumaphos	2.5000	2.5734	2.9	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B/010F1001.D
Report Date: 07/14/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Analysis Type: NONE

Injection Date: 13-JUL-2009 20:24
Lab Sample ID: OPP CCV GSV0827
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
27 Merphos	2.5000	2.2655	9.4	15.0
40 Total Demeton	2.5000	2.3470	6.1	15.0

Average %D = 8.02

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\010F1001.D
Lab Smp Id: OPP CCV GSV0827 Client Smp ID: OPP CCV GSV0827
Inj Date : 13-JUL-2009 20:24
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP CCV GSV0827
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Meth Date : 14-Jul-2009 08:48 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 10 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
1	o,o,o-TEPT	3.164	3.163	(0.178)	394610	2.50000	2.120
2	Dichlorvos	4.000	4.002	(0.225)	242831	2.50000	2.100
3	Mevinphos	5.662	5.670	(0.319)	162261	2.50000	2.555
$ 4	Chlormefos	5.744	5.745	(0.323)	347750	2.50000	2.402
5	Thionazin	7.405	7.407	(0.417)	308578	2.50000	2.336
6	Demeton-O	7.540	7.542	(0.424)	89244	0.81250	0.7011
7	Ethoprop	7.750	7.753	(0.436)	267843	2.50000	2.313
8	Naled	7.949	7.952	(0.447)	106065	2.50000	3.581
* 9	Tributylphosphate	8.045	8.072	(1.000)	214729	2.00000	
10	Sulfotepp	8.327	8.327	(0.469)	402503	2.50000	2.431
11	Phorate	8.415	8.417	(0.474)	279604	2.50000	2.332
12	Dimethoate	8.547	8.552	(0.481)	350307	2.50000	2.515
13	Demeton-S	8.732	8.747	(0.492)	166237	1.70000	1.646
14	Simazine	8.814	8.815	(0.496)	98233	2.50000	2.112
15	Atrazine	8.982	8.983	(0.506)	123066	2.50000	2.279
16	propazine	9.127	9.127	(0.514)	110536	2.50000	2.218
17	Disulfoton	9.742	9.743	(0.548)	202889	2.50000	2.501
18	Diazinon	9.780	9.782	(0.551)	282616	2.50000	2.194
19	Methyl Parathion	10.589	10.588	(0.596)	220334	2.50000	2.697
20	Ronnel	11.109	11.108	(0.625)	183740	2.50000	2.176
21	Malathion	11.665	11.665	(0.657)	184496	2.50000	2.399
22	Fenthion	11.792	11.792	(0.664)	199073	2.50000	2.397
23	Parathion	11.879	11.877	(0.669)	222604	2.50000	2.519
24	Chlorpyrifos	11.925	11.925	(0.671)	239146	2.50000	2.237
25	Trichloronate	12.347	12.345	(0.695)	220384	2.50000	2.306
26	Anilazine	12.665	12.663	(0.713)	22491	2.50000	2.660
27	Merphos-A (Merphos)	13.040	13.038	(0.734)	170087	2.50000	2.133
28	Tetrachlorvinphos (Stirophos)	13.664	13.667	(0.769)	136299	2.50000	2.572
29	Tokuthion	14.280	14.278	(0.804)	205702	2.50000	2.246
30	Merphos-B (Merphos Oxone)	14.487	14.490	(0.815)	58022	2.50000	2.712
31	Carbophenothion-methyl	15.059	15.058	(0.848)	171777	2.50000	2.437
32	Fensulfothion	15.200	15.205	(0.856)	188031	2.50000	2.491
33	Bolstar / Famphur	15.930	15.930	(0.897)	399018	5.00000	4.553

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	16.079	16.075	(0.905)	189554	2.50000	2.156
	35 Triphenyl phosphate	16.614	16.615	(0.935)	153702	2.50000	2.301(A)
	36 Phosmet	16.869	16.868	(0.950)	185567	2.50000	2.466
	37 EPN	17.059	17.058	(0.960)	192013	2.50000	2.657
	38 Azinphos-methyl	17.394	17.392	(0.979)	211088	2.50000	2.632
	39 TOCP	17.765	17.767	(1.000)	132142	2.00000	
	40 Azinphos-ethyl	17.844	17.843	(1.004)	213458	2.50000	2.408
	41 Coumaphos	18.290	18.290	(1.030)	166431	2.50000	2.573
	42 Merphos				228109	2.50000	2.266
	43 Total Demeton				255481	2.50000	2.347

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

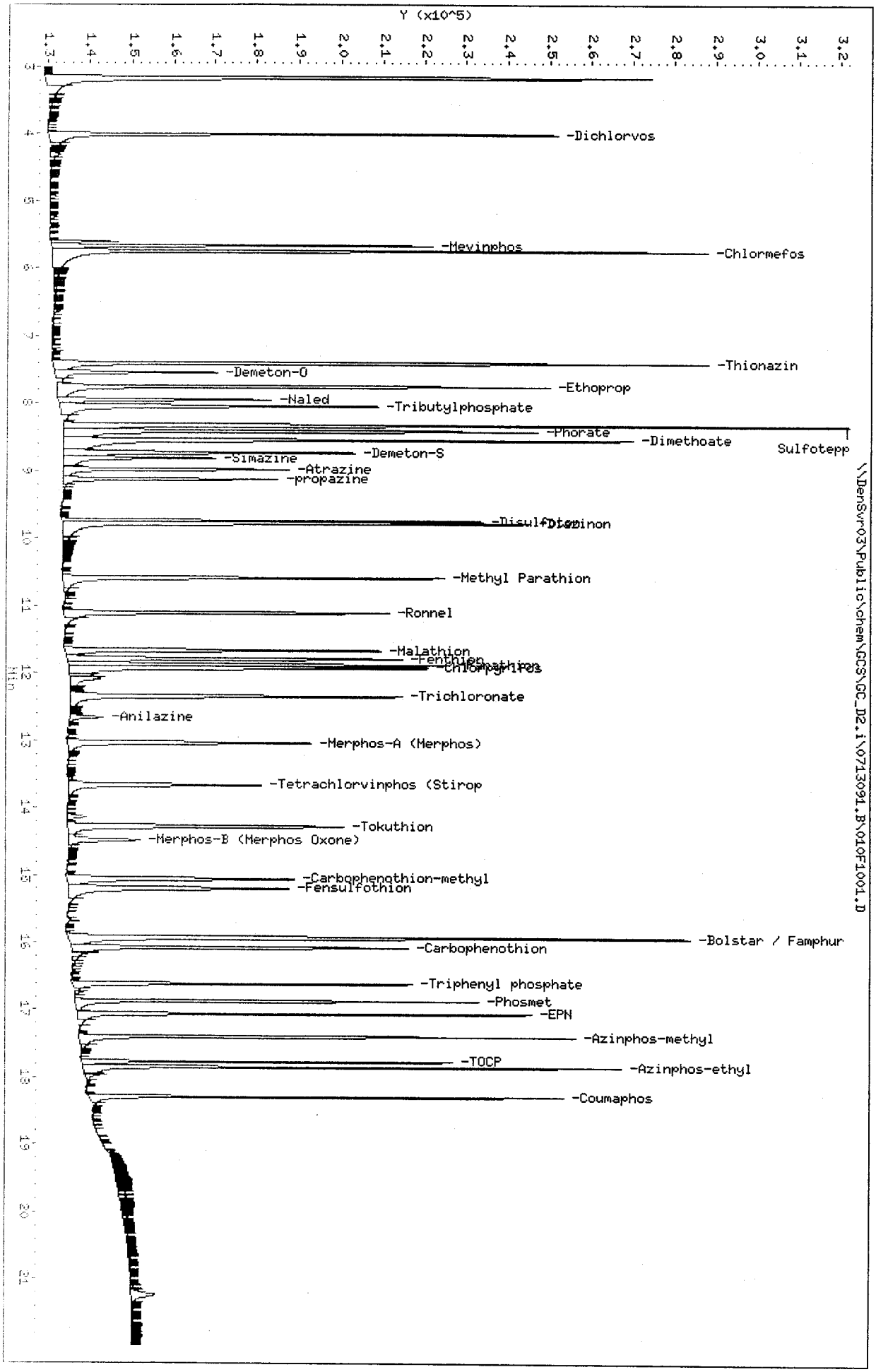
Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Lab Smp Id: OPP CCV GSV0827
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 13-JUL-2009
Calibration Time: 17:13
Client Smp ID: OPP CCV GSV0827
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	221173	110587	442346	214729	-2.91
39 TOCP	134692	67346	269384	132142	-1.89

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.07	7.57	8.57	8.05	-0.32
39 TOCP	17.77	17.27	18.27	17.77	-0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\010F1001.D
Date : 13-JUL-2009 20:24
Client ID: OPP CCV GSV0827
Sample Info: OPP CCV GSV0827
Column phase: RTx-1MS
Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B/010F1001.D
Report Date: 07/14/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Analysis Type: NONE

Injection Date: 13-JUL-2009 20:24
Lab Sample ID: OPP CCV GSV0827
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.1611	13.6	15.0	
2	Dichlorvos	2.5000	2.2247	11.0	15.0	
3	Chlormefos	2.5000	2.1199	15.2	15.0	<-
4	Mevinphos	2.5000	2.5108	0.4	15.0	
5	Demeton-O	0.8125	0.7519	7.5	15.0	
6	Thionazin	2.5000	2.1134	15.5	15.0	<-
7	Ethoprop	2.5000	2.2141	11.4	15.0	
8	Phorate	2.5000	2.3419	6.3	15.0	
10	Naled	2.5000	3.3137	32.5	15.0	<-
146	Sulfotepp	2.5000	2.3038	7.8	15.0	
10	Simazine	2.5000	1.9770	20.9	15.0	<-
12	Diazinon	2.5000	2.3082	7.7	15.0	
150	Atrazine	2.5000	2.0621	17.5	15.0	<-
13	Propazine	2.5000	1.9225	23.1	15.0	<-
14	Disulfoton	2.5000	2.3358	6.6	15.0	
15	Demeton-S	1.7000	1.5706	7.6	15.0	
16	Dimethoate	2.5000	2.3018	7.9	15.0	
17	Ronnel	2.5000	2.2255	11.0	15.0	
148	Merphos-A (Merphos)	2.5000	2.3503	6.0	999.0	
18	Chlorpyrifos	2.5000	2.3272	6.9	15.0	
19	Fenthion	2.5000	2.4350	2.6	15.0	
20	Trichloronate	2.5000	2.1545	13.8	15.0	
21	Anilazine	2.5000	2.1188	15.2	15.0	<-
23	Methyl Parathion	2.5000	2.5961	3.8	15.0	
24	Malathion	2.5000	2.1505	14.0	15.0	
25	Tokuthion	2.5000	2.1157	15.4	15.0	<-
26	Parathion	2.5000	2.6148	4.6	15.0	
149	Merphos-B (Merphos Oxone)	2.5000	2.8112	12.4	999.0	
27	Tetrachlorvinphos (stirophos)	2.5000	2.4481	2.1	15.0	
28	Carbophenothion methyl	2.5000	2.1715	13.1	15.0	
28	Bolstar	2.5000	2.2071	11.7	15.0	
30	Carbophenothion	2.5000	2.2871	8.5	15.0	
29	Triphenyl phosphate	2.5000	2.5597	2.4	15.0	
30	Fensulfothion	2.5000	2.6588	6.4	15.0	
35	Phosmet / EPN	5.0000	5.3413	6.8	15.0	
33	Famphur	2.5000	2.5871	3.5	15.0	
34	Azinphos-methyl	2.5000	2.3745	5.0	15.0	
35	Azinphos-ethyl	2.5000	2.4327	2.7	15.0	
36	Coumaphos	2.5000	2.5698	2.8	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B/010F1001.D
Report Date: 07/14/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Analysis Type: NONE

Injection Date: 13-JUL-2009 20:24
Lab Sample ID: OPP CCV GSV0827
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
22 Merphos	2.5000	2.1896	12.4	15.0
40 Total Demeton	2.5000	2.3224	7.1	15.0

Average %D = 9.83

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\010F1001.D
Lab Smp Id: OPP CCV GSV0827 Client Smp ID: OPP CCV GSV0827
Inj Date : 13-JUL-2009 20:24
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP CCV GSV0827
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Meth Date : 14-Jul-2009 10:34 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 10 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1 o,o,o-TEPT	4.647	4.647	(0.248)	328675	2.50000	2.161
	2 Dichlorvos	6.452	6.452	(0.344)	264188	2.50000	2.225
$	3 Chlormefos	7.281	7.280	(0.388)	253420	2.50000	2.120
	4 Mevinphos	9.119	9.120	(0.486)	200848	2.50000	2.511
	5 Demeton-O	9.611	9.610	(0.513)	57312	0.81250	0.7519
	6 Thionazin	9.859	9.860	(0.526)	252821	2.50000	2.113
	7 Ethoprop	10.376	10.377	(0.553)	197915	2.50000	2.214
	8 Phorate	10.406	10.404	(0.555)	242750	2.50000	2.342
	9 Naled	10.809	10.809	(0.577)	87861	2.50000	3.314
	10 Sulfotepp	10.886	10.885	(0.581)	360174	2.50000	2.304(A)
*	11 Tributylphosphate	11.002	11.010	(1.000)	183814	2.00000	
	12 Simazine	11.269	11.269	(0.601)	44267	2.50000	1.977(A)
	13 Diazinon	11.407	11.407	(0.608)	193544	2.50000	2.308
	14 Atrazine	11.449	11.449	(0.611)	89708	2.50000	2.062(A)
	15 Propazine	11.612	11.612	(0.619)	74585	2.50000	1.922
	16 Disulfoton	11.904	11.904	(0.635)	192576	2.50000	2.336
	17 Demeton-S	11.984	11.989	(0.639)	150874	1.70000	1.570
	18 Dimethoate	13.122	13.122	(0.700)	254348	2.50000	2.302
	19 Ronnel	13.426	13.424	(0.716)	165527	2.50000	2.226
	20 Merphos-A (Merphos)	13.522	13.520	(1.229)	156546	2.50000	2.350(A)
	21 Chlorpyrifos	14.241	14.239	(0.760)	175560	2.50000	2.327
	22 Fenthion	14.494	14.490	(0.773)	170374	2.50000	2.435
	23 Trichloronate	14.536	14.534	(0.775)	209462	2.50000	2.154
	24 Anilazine	15.039	15.039	(0.802)	13683	2.50000	2.119
	25 Methyl Parathion	15.359	15.359	(0.819)	196106	2.50000	2.596(A)
	26 Malathion	15.587	15.584	(0.831)	152177	2.50000	2.150
	27 Tokuthion	16.229	16.229	(0.866)	175296	2.50000	2.116
	28 Parathion	16.382	16.382	(0.874)	194632	2.50000	2.615(M)
	29 Merphos-B (Merphos Oxone)	16.407	16.407	(1.491)	58017	2.50000	2.811(AM)
	30 Tetrachlorvinphos (stirophos)	16.882	16.882	(0.901)	117878	2.50000	2.448
	31 Carbophenothion methyl	16.984	16.984	(0.906)	149868	2.50000	2.172
	32 Bolstar	17.352	17.352	(0.926)	160452	2.50000	2.207
	33 Carbophenothion	17.434	17.434	(0.930)	163495	2.50000	2.287(A)

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
S	34 Triphenyl phosphate	18.202	18.202	(0.971)	150154	2.50000	2.560
	35 Fensulfothion	18.482	18.484	(0.986)	143204	2.50000	2.659
*	36 TOCP	18.747	18.747	(1.000)	117580	2.00000	
	37 Phosmet / EPN	18.837	18.839	(1.005)	320679	5.00000	5.341(A)
	38 Famphur	18.941	18.942	(1.010)	199517	2.50000	2.587
	39 Azinphos-methyl	19.076	19.079	(1.018)	167518	2.50000	2.374
	40 Azinphos-ethyl	19.289	19.294	(1.029)	163452	2.50000	2.433
	41 Coumaphos	20.242	20.247	(1.080)	132755	2.50000	2.570
S	42 Merphos				214563	2.50000	2.190(A)
M	43 Total Demeton				208186	2.50000	2.322

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

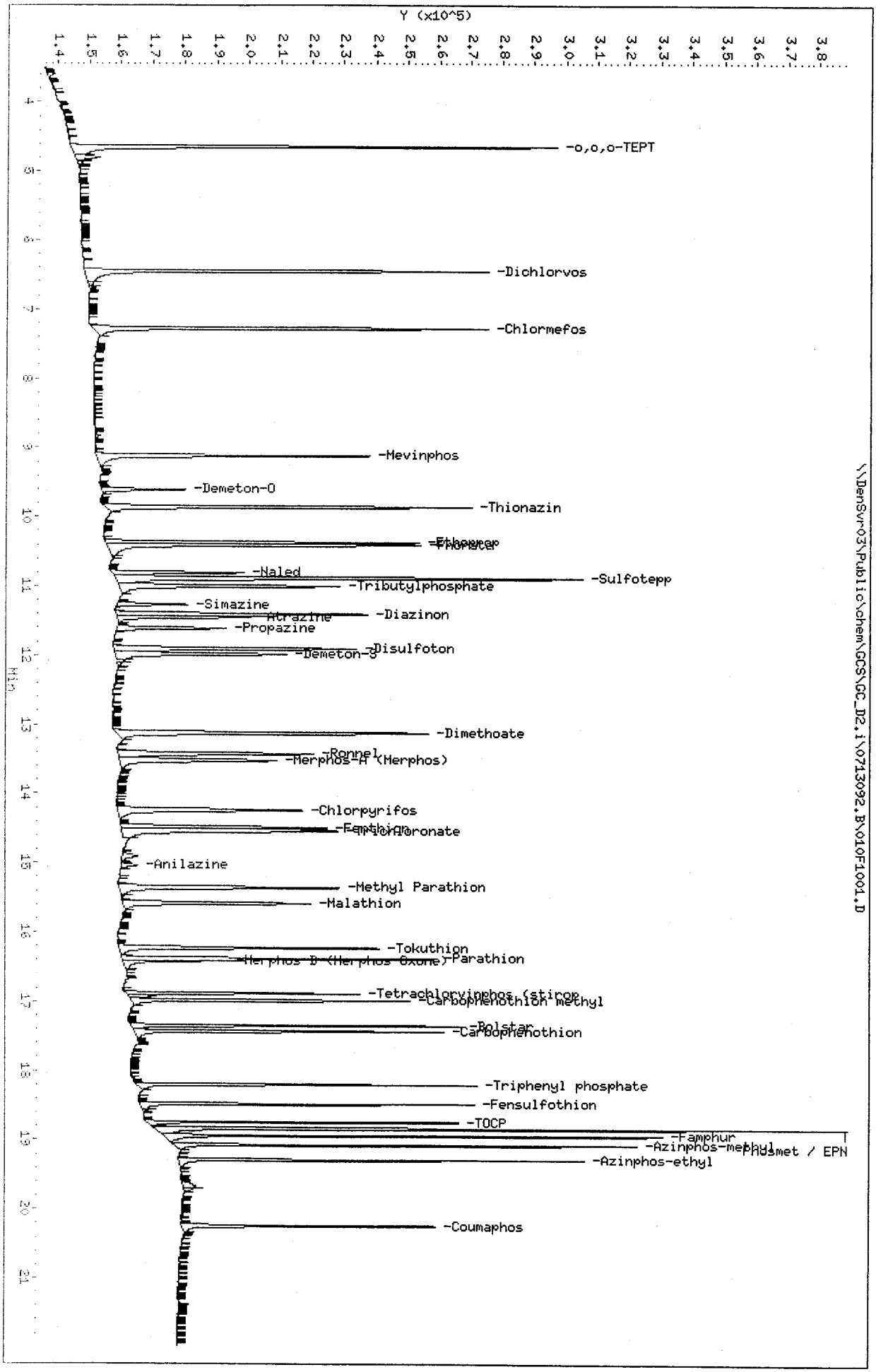
Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Lab Smp Id: OPP CCV GSV0827
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Misc Info:

Calibration Date: 13-JUL-2009
Calibration Time: 17:13
Client Smp ID: OPP CCV GSV0827
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	189223	94612	378446	183814	-2.86
36 TOCP	113498	56749	226996	117580	3.60

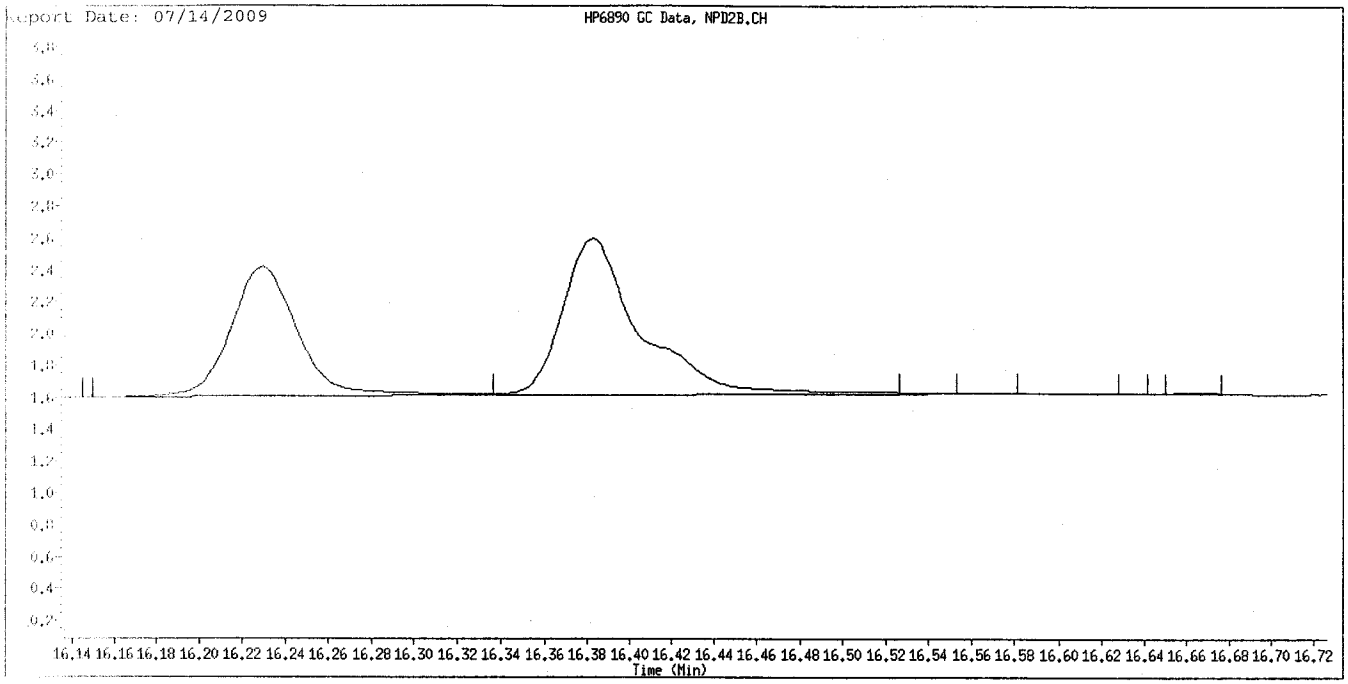
COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.01	10.51	11.51	11.00	-0.07
36 TOCP	18.75	18.25	19.25	18.75	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

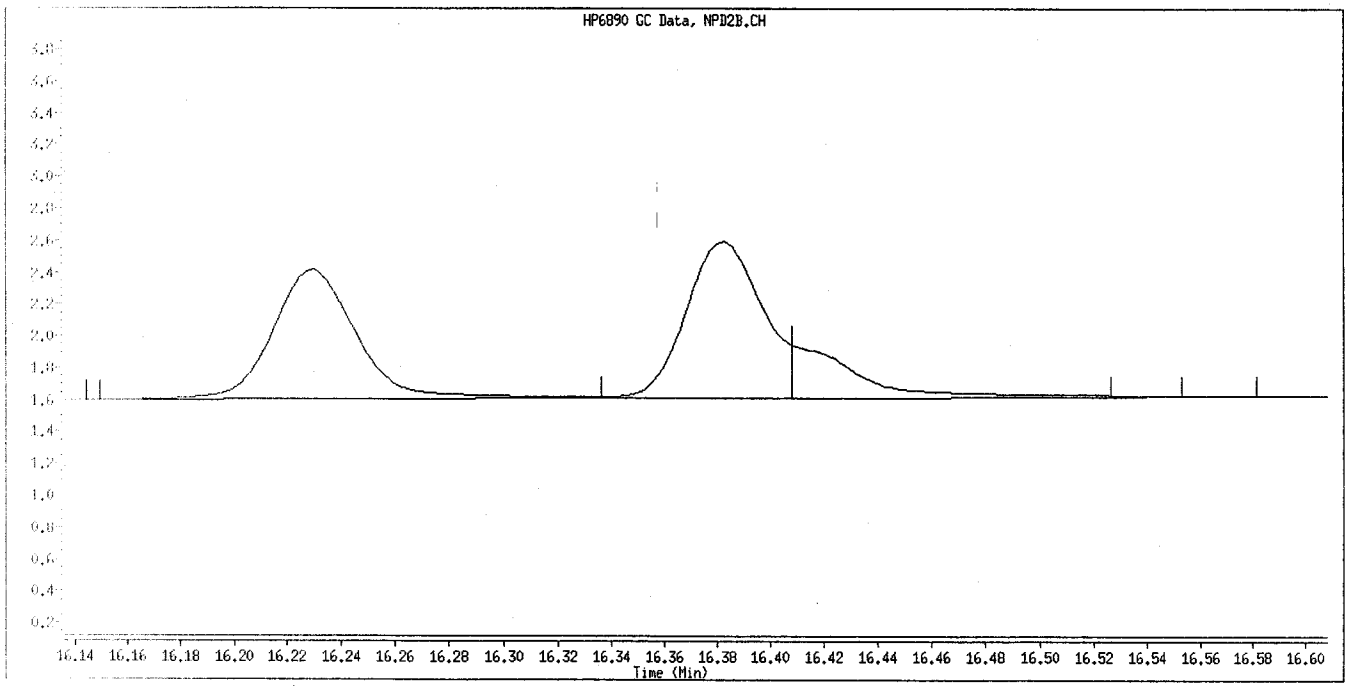


Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\010F1001.D
Date : 13-JUL-2009 20:24
Client ID: OPP CCV GSV0827
Sample Info: OPP CCV GSV0827
Column phase: RTx-OPPest
\\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\010F1001.D
Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32
Page 4

Data File Name: 010F1001.D
Inj. Date and Time: 13-JUL-2009 20:24
Instrument ID: GC_D2.i
Client ID: OPP CCV GSV0827
Compound Name: Parathion
CAS #:
Report Date: 07/14/2009



Original Integration

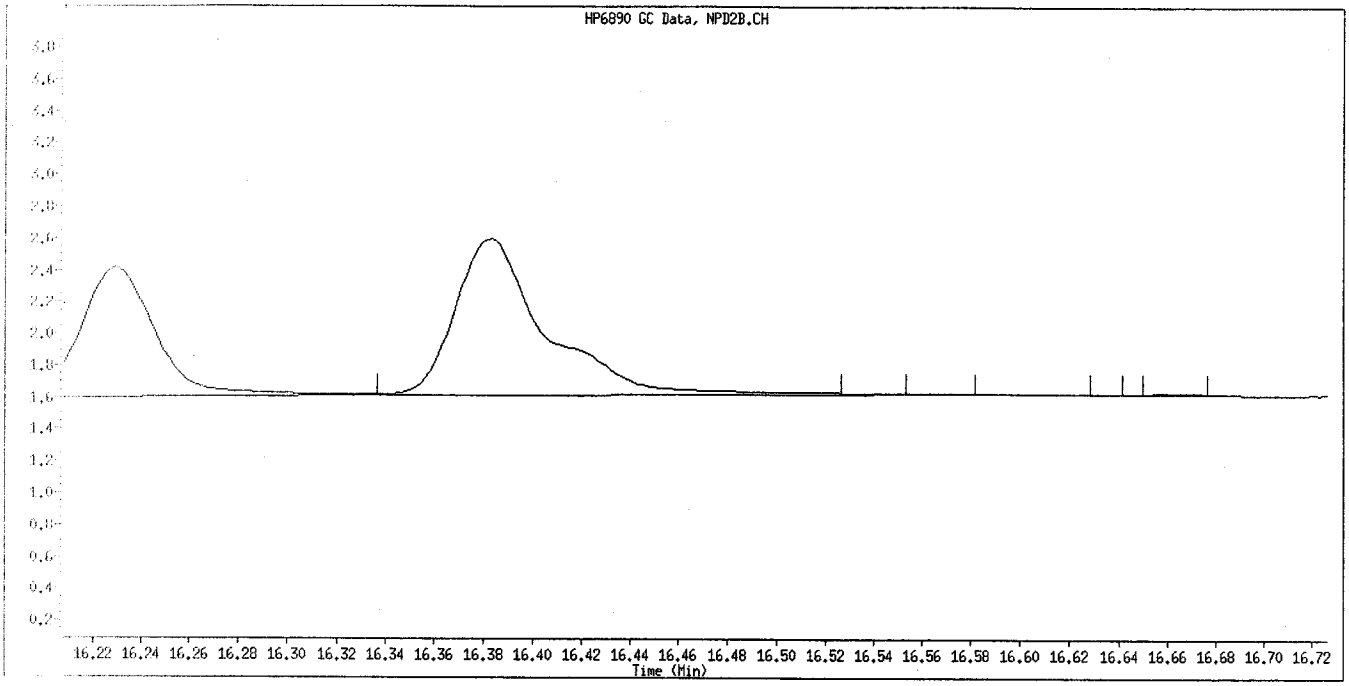


Manual Integration

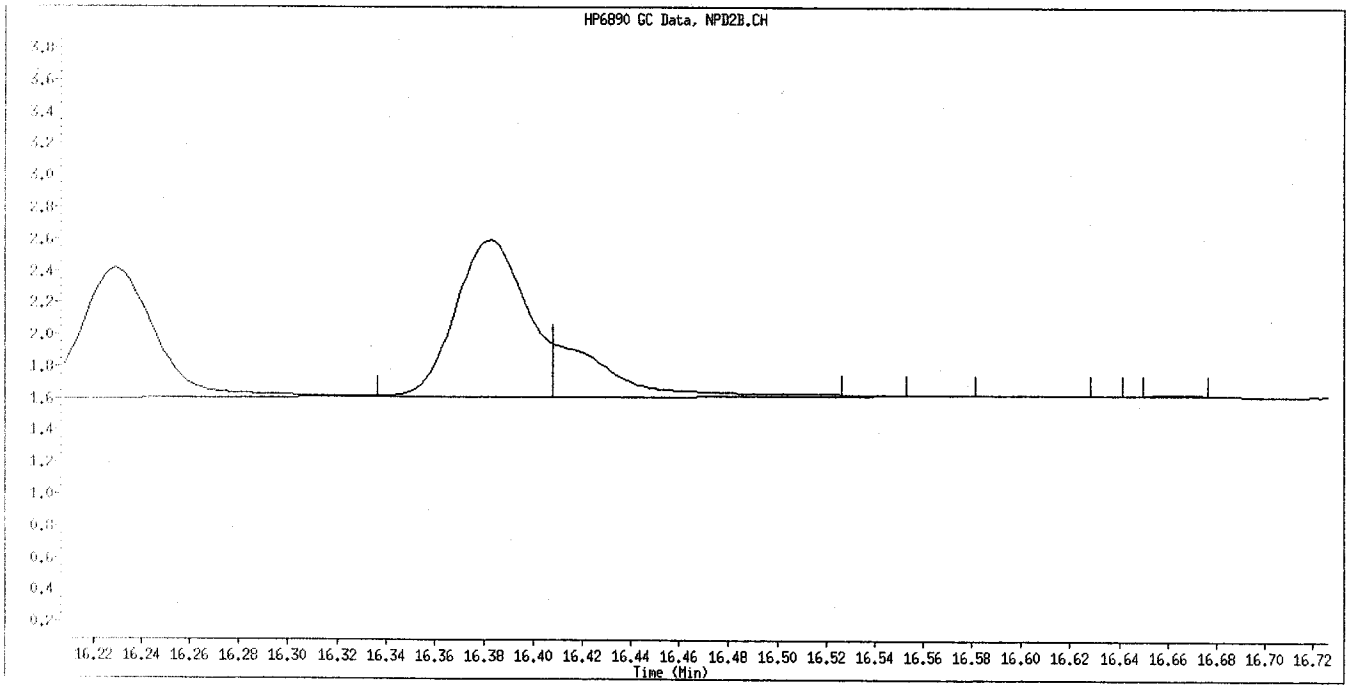
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

7/14/09

Data File Name: 010F1001.D
Inj. Date and Time: 13-JUL-2009 20:24
Instrument ID: GC_D2.i
Client ID: OPP CCV GSV0827
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 07/14/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

7/14/09

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B/021F2101.D
Report Date: 07/14/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 021F2101.D
Analysis Type: NONE

Injection Date: 14-JUL-2009 01:24
Lab Sample ID: OPP CCV GSV0827
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.2285	10.9	15.0	
2	Dichlorvos	2.5000	2.5185	0.7	15.0	
3	Mevinphos	2.5000	2.6806	7.2	15.0	
4	Chlormefos	2.5000	2.3657	5.4	15.0	
5	Thionazin	2.5000	2.3993	4.0	15.0	
6	Demeton-O	0.8125	0.7744	4.7	15.0	
7	Ethoprop	2.5000	2.3999	4.0	15.0	
8	Naled	2.5000	2.4261	3.0	15.0	
9	Sulfotepp	2.5000	2.5054	0.2	15.0	
10	Phorate	2.5000	2.3527	5.9	15.0	
11	Dimethoate	2.5000	2.5321	1.3	15.0	
12	Demeton-S	1.7000	1.6872	0.8	15.0	
13	Simazine	2.5000	2.0083	19.7	15.0	<-
14	Atrazine	2.5000	2.2907	8.4	15.0	
15	propazine	2.5000	2.2221	11.1	15.0	
17	Disulfoton	2.5000	2.5380	1.5	15.0	
16	Diazinon	2.5000	2.2662	9.4	15.0	
18	Methyl Parathion	2.5000	2.7577	10.3	15.0	
19	Ronnel	2.5000	2.2370	10.5	15.0	
20	Malathion	2.5000	2.4719	1.1	15.0	
21	Fenthion	2.5000	2.4235	3.1	15.0	
22	Parathion	2.5000	2.5498	2.0	15.0	
23	Chlorpyrifos	2.5000	2.2792	8.8	15.0	
24	Trichloronate	2.5000	2.2809	8.8	15.0	
25	Anilazine	2.5000	1.4012	44.0	15.0	<-
148	Merphos-A (Merphos)	2.5000	2.1693	13.2	999.0	
26	Tetrachlorvinphos (Stirophos)	2.5000	2.4417	2.3	15.0	
28	Tokuthion	2.5000	2.3124	7.5	15.0	
149	Merphos-B (Merphos Oxone)	2.5000	2.9061	16.2	999.0	
29	Carbophenothion-methyl	2.5000	2.4580	1.7	15.0	
29	Fensulfothion	2.5000	2.7544	10.2	15.0	
30	Bolstar / Famphur	5.0000	4.6570	6.9	15.0	
32	Carbophenothion	2.5000	2.2653	9.4	15.0	
31	Triphenyl phosphate	2.5000	2.4396	2.4	15.0	
34	Phosmet	2.5000	2.5112	0.4	15.0	
32	EPN	2.5000	2.7613	10.5	15.0	
33	Azinphos-methyl	2.5000	2.5923	3.7	15.0	
35	Azinphos-ethyl	2.5000	2.4203	3.2	15.0	
36	Coumaphos	2.5000	2.6655	6.6	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B/021F2101.D
Report Date: 07/14/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 021F2101.D
Analysis Type: NONE

Injection Date: 14-JUL-2009 01:24
Lab Sample ID: OPP CCV GSV0827
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
27 Merphos	2.5000	2.3355	6.6	15.0
40 Total Demeton	2.5000	2.4616	1.5	15.0

Average %D = 7.05

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\021F2101.D
Lab Smp Id: OPP CCV GSV0827 Client Smp ID: OPP CCV GSV0827
Inj Date : 14-JUL-2009 01:24
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP CCV GSV0827
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Meth Date : 14-Jul-2009 08:48 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 21 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
1	o,o,o-TEPT	3.164	3.163	(0.178)	414906	2.50000	2.228
2	Dichlorvos	4.001	4.002	(0.225)	291172	2.50000	2.518
3	Mevinphos	5.661	5.670	(0.319)	170243	2.50000	2.681
4	Chlormefos	5.746	5.745	(0.323)	342496	2.50000	2.366
5	Thionazin	7.407	7.407	(0.417)	317002	2.50000	2.399
6	Demeton-O	7.542	7.542	(0.425)	98246	0.81250	0.7744
7	Ethoprop	7.749	7.753	(0.436)	277873	2.50000	2.400
8	Naled	7.949	7.952	(0.447)	69916	2.50000	2.426
9	Tributylphosphate	8.026	8.072	(1.000)	226582	2.00000	
10	Sulfotepp	8.329	8.327	(0.469)	414556	2.50000	2.505
11	Phorate	8.419	8.417	(0.474)	282104	2.50000	2.353
12	Dimethoate	8.547	8.552	(0.481)	352707	2.50000	2.532
13	Demeton-S	8.731	8.747	(0.491)	170418	1.70000	1.687
14	Simazine	8.814	8.815	(0.496)	93198	2.50000	2.008
15	Atrazine	8.982	8.983	(0.506)	123721	2.50000	2.291
16	propazine	9.129	9.127	(0.514)	110739	2.50000	2.222
17	Disulfoton	9.746	9.743	(0.549)	205848	2.50000	2.538
18	Diazinon	9.782	9.782	(0.551)	291894	2.50000	2.266
19	Methyl Parathion	10.592	10.588	(0.596)	225266	2.50000	2.758
20	Ronnel	11.111	11.108	(0.625)	188891	2.50000	2.237
21	Malathion	11.666	11.665	(0.657)	190033	2.50000	2.472
22	Fenthion	11.794	11.792	(0.664)	201239	2.50000	2.423
23	Parathion	11.881	11.877	(0.669)	225335	2.50000	2.550
24	Chlorpyrifos	11.929	11.925	(0.671)	243688	2.50000	2.279
25	Trichloronate	12.349	12.345	(0.695)	217955	2.50000	2.281
26	Anilazine	12.669	12.663	(0.713)	10602	2.50000	1.401
27	Merphos-A (Merphos)	13.044	13.038	(0.734)	172949	2.50000	2.169
28	Tetrachlorvinphos (Stirophos)	13.666	13.667	(0.769)	129381	2.50000	2.442
29	Tokuthion	14.284	14.278	(0.804)	211822	2.50000	2.312
30	Merphos-B (Merphos Oxone)	14.487	14.490	(0.815)	62212	2.50000	2.906
31	Carbophenothion-methyl	15.064	15.058	(0.848)	173195	2.50000	2.458
32	Fensulfothion	15.201	15.205	(0.856)	208700	2.50000	2.754
33	Bolstar / Famphur	15.934	15.930	(0.897)	408113	5.00000	4.657

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	16.081	16.075	(0.905)	199155	2.50000	2.265
S	35 Triphenyl phosphate	16.616	16.615	(0.935)	162993	2.50000	2.440(A)
	36 Phosmet	16.871	16.868	(0.950)	188969	2.50000	2.511
	37 EPN	17.061	17.058	(0.960)	199722	2.50000	2.761
	38 Azinphos-methyl	17.394	17.392	(0.979)	207871	2.50000	2.592
*	39 TOCP	17.767	17.767	(1.000)	132147	2.00000	
	40 Azinphos-ethyl	17.846	17.843	(1.004)	214496	2.50000	2.420
	41 Coumaphos	18.292	18.290	(1.030)	172394	2.50000	2.666
S	42 Merphos				235161	2.50000	2.335
M	43 Total Demeton				268664	2.50000	2.462

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

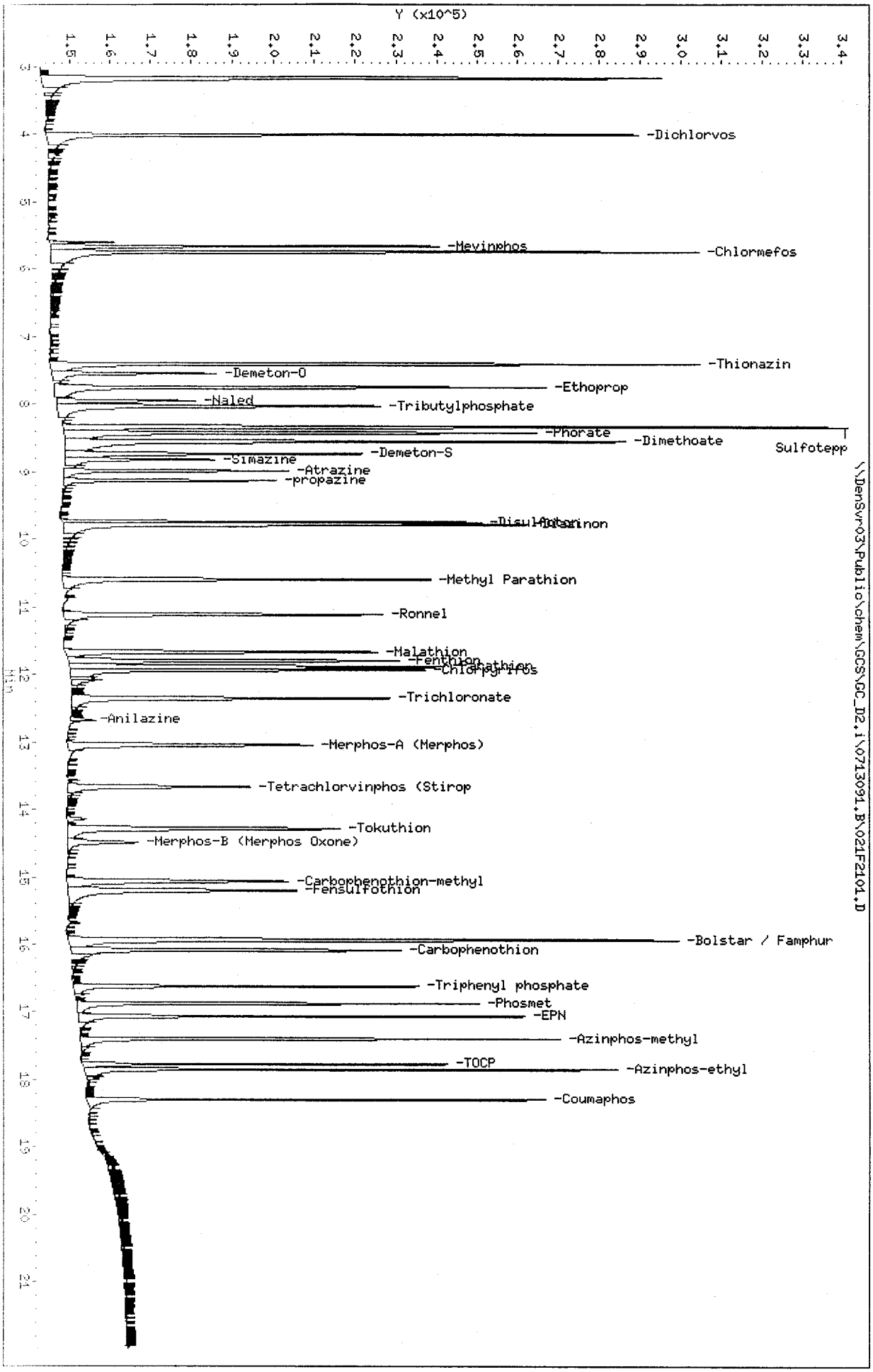
Instrument ID: GC_D2.i
Lab File ID: 021F2101.D
Lab Smp Id: OPP CCV GSV0827
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 13-JUL-2009
Calibration Time: 20:24
Client Smp ID: OPP CCV GSV0827
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	214729	107365	429458	226582	5.52
39 TOCP	132142	66071	264284	132147	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.05	7.55	8.55	8.03	-0.25
39 TOCP	17.77	17.27	18.27	17.77	0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\021F2101.D
Date : 14-JUL-2009 01:24
Client ID: OPP CCV GSV0827
Sample Info: OPP CCV GSV0827
Column phase: RTx-1MS

Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B/021F2101.D
Report Date: 07/14/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 021F2101.D
Analysis Type: NONE

Injection Date: 14-JUL-2009 01:24
Lab Sample ID: OPP CCV GSV0827
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.2756	9.0	15.0	
2	Dichlorvos	2.5000	2.5849	3.4	15.0	
3	Chlormefos	2.5000	2.2493	10.0	15.0	
4	Mevinphos	2.5000	2.5389	1.6	15.0	
5	Demeton-O	0.8125	0.8856	9.0	15.0	
6	Thionazin	2.5000	2.3288	6.8	15.0	
7	Ethoprop	2.5000	2.3872	4.5	15.0	
8	Phorate	2.5000	2.4102	3.6	15.0	
10	Naled	2.5000	2.2814	8.7	15.0	
146	Sulfotepp	2.5000	2.4971	0.1	15.0	
10	Simazine	2.5000	2.1833	12.7	15.0	
12	Diazinon	2.5000	2.5281	1.1	15.0	
150	Atrazine	2.5000	2.2970	8.1	15.0	
13	Propazine	2.5000	2.2227	11.1	15.0	
14	Disulfoton	2.5000	2.4977	0.1	15.0	
15	Demeton-S	1.7000	1.7627	3.7	15.0	
16	Dimethoate	2.5000	2.4576	1.7	15.0	
17	Ronnel	2.5000	2.3350	6.6	15.0	
148	Merphos-A (Merphos)	2.5000	2.0654	17.4	999.0	
18	Chlorpyrifos	2.5000	2.4690	1.2	15.0	
19	Fenthion	2.5000	2.5598	2.4	15.0	
20	Trichloronate	2.5000	2.3355	6.6	15.0	
21	Anilazine	2.5000	1.4844	40.6	15.0	<-
23	Methyl Parathion	2.5000	2.6637	6.5	15.0	
24	Malathion	2.5000	2.4919	0.3	15.0	
25	Tokuthion	2.5000	2.2498	10.0	15.0	
26	Parathion	2.5000	2.7158	8.6	15.0	
149	Merphos-B (Merphos Oxone)	2.5000	2.9499	18.0	999.0	
27	Tetrachlorvinphos (stirophos)	2.5000	2.5049	0.2	15.0	
28	Carbophenothion methyl	2.5000	2.4377	2.5	15.0	
28	Bolstar	2.5000	2.3532	5.9	15.0	
30	Carbophenothion	2.5000	2.5813	3.3	15.0	
29	Triphenyl phosphate	2.5000	2.5665	2.7	15.0	
30	Fensulfothion	2.5000	2.7519	10.1	15.0	
35	Phosmet / EPN	5.0000	5.2010	4.0	15.0	
33	Famphur	2.5000	2.3224	7.1	15.0	
34	Azinphos-methyl	2.5000	2.4969	0.1	15.0	
35	Azinphos-ethyl	2.5000	2.5447	1.8	15.0	
36	Coumaphos	2.5000	2.7420	9.7	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B/021F2101.D
Report Date: 07/14/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 021F2101.D
Analysis Type: NONE

Injection Date: 14-JUL-2009 01:24
Lab Sample ID: OPP CCV GSV0827
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
22 Merphos	2.5000	2.2019	11.9	15.0
40 Total Demeton	2.5000	2.6483	5.9	15.0

Average %D = 6.80

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\021F2101.D
Lab Smp Id: OPP CCV GSV0827 Client Smp ID: OPP CCV GSV0827
Inj Date : 14-JUL-2009 01:24
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP CCV GSV0827
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Meth Date : 14-Jul-2009 10:35 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 21 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
1	o,o,o-TEPT	4.648	4.647	(0.248)	336377	2.50000	2.276
2	Dichlorvos	6.453	6.452	(0.344)	298356	2.50000	2.585
$ 3	Chlormefos	7.283	7.280	(0.388)	261355	2.50000	2.249
4	Mevinphos	9.121	9.120	(0.487)	197407	2.50000	2.539
5	Demeton-O	9.613	9.610	(0.513)	65611	0.81250	0.8856
6	Thionazin	9.861	9.860	(0.526)	270769	2.50000	2.329
7	Ethoprop	10.376	10.377	(0.553)	207398	2.50000	2.387
8	Phorate	10.409	10.404	(0.555)	242823	2.50000	2.410
9	Naled	10.809	10.809	(0.577)	56446	2.50000	2.281
10	Sulfotepp	10.888	10.885	(0.581)	379445	2.50000	2.497(A)
* 11	Tributylphosphate	10.998	11.010	(1.000)	194356	2.00000	
12	Simazine	11.269	11.269	(0.601)	47516	2.50000	2.183(A)
13	Diazinon	11.409	11.407	(0.609)	206266	2.50000	2.528
14	Atrazine	11.451	11.449	(0.611)	98386	2.50000	2.297(A)
15	Propazine	11.613	11.612	(0.619)	84165	2.50000	2.223
16	Disulfoton	11.908	11.904	(0.635)	200155	2.50000	2.498
17	Demeton-S	11.984	11.989	(0.639)	166058	1.70000	1.763
18	Dimethoate	13.124	13.122	(0.700)	263950	2.50000	2.458
19	Ronnel	13.428	13.424	(0.716)	168803	2.50000	2.335
20	Merphos-A (Merphos)	13.526	13.520	(1.230)	145457	2.50000	2.065(A)
21	Chlorpyrifos	14.243	14.239	(0.760)	181036	2.50000	2.469
22	Fenthion	14.494	14.490	(0.773)	174087	2.50000	2.560
23	Trichloronate	14.538	14.534	(0.775)	221575	2.50000	2.336
24	Anilazine	15.043	15.039	(0.802)	9320	2.50000	1.484(M)
25	Methyl Parathion	15.361	15.359	(0.819)	195575	2.50000	2.664(A)
26	Malathion	15.586	15.584	(0.831)	171398	2.50000	2.492
27	Tokuthion	16.231	16.229	(0.866)	181183	2.50000	2.250
28	Parathion	16.383	16.382	(0.874)	196481	2.50000	2.716(M)
29	Merphos-B (Merphos Oxone)	16.408	16.407	(1.492)	64264	2.50000	2.950(AM)
30	Tetrachlorvinphos (stirophos)	16.883	16.882	(0.901)	117230	2.50000	2.505
31	Carbophenothion methyl	16.986	16.984	(0.906)	163519	2.50000	2.438
32	Bolstar	17.354	17.352	(0.926)	166272	2.50000	2.353
33	Carbophenothion	17.436	17.434	(0.930)	179348	2.50000	2.581(A)

		Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
S	34	Triphenyl phosphate	18.203	18.202	(0.971)	146328	2.50000	2.566
	35	Fensulfothion	18.483	18.484	(0.986)	144066	2.50000	2.752
*	36	TOCP	18.748	18.747	(1.000)	114284	2.00000	
	37	Phosmet / EPN	18.838	18.839	(1.005)	303628	5.00000	5.201(A)
	38	Famphur	18.941	18.942	(1.010)	174079	2.50000	2.322
	39	Azinphos-methyl	19.074	19.079	(1.017)	171210	2.50000	2.497
	40	Azinphos-ethyl	19.289	19.294	(1.029)	166181	2.50000	2.545
	41	Coumaphos	20.243	20.247	(1.080)	137679	2.50000	2.742
S	42	Merphos				209721	2.50000	2.202(A)
M	43	Total Demeton				231669	2.50000	2.648

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

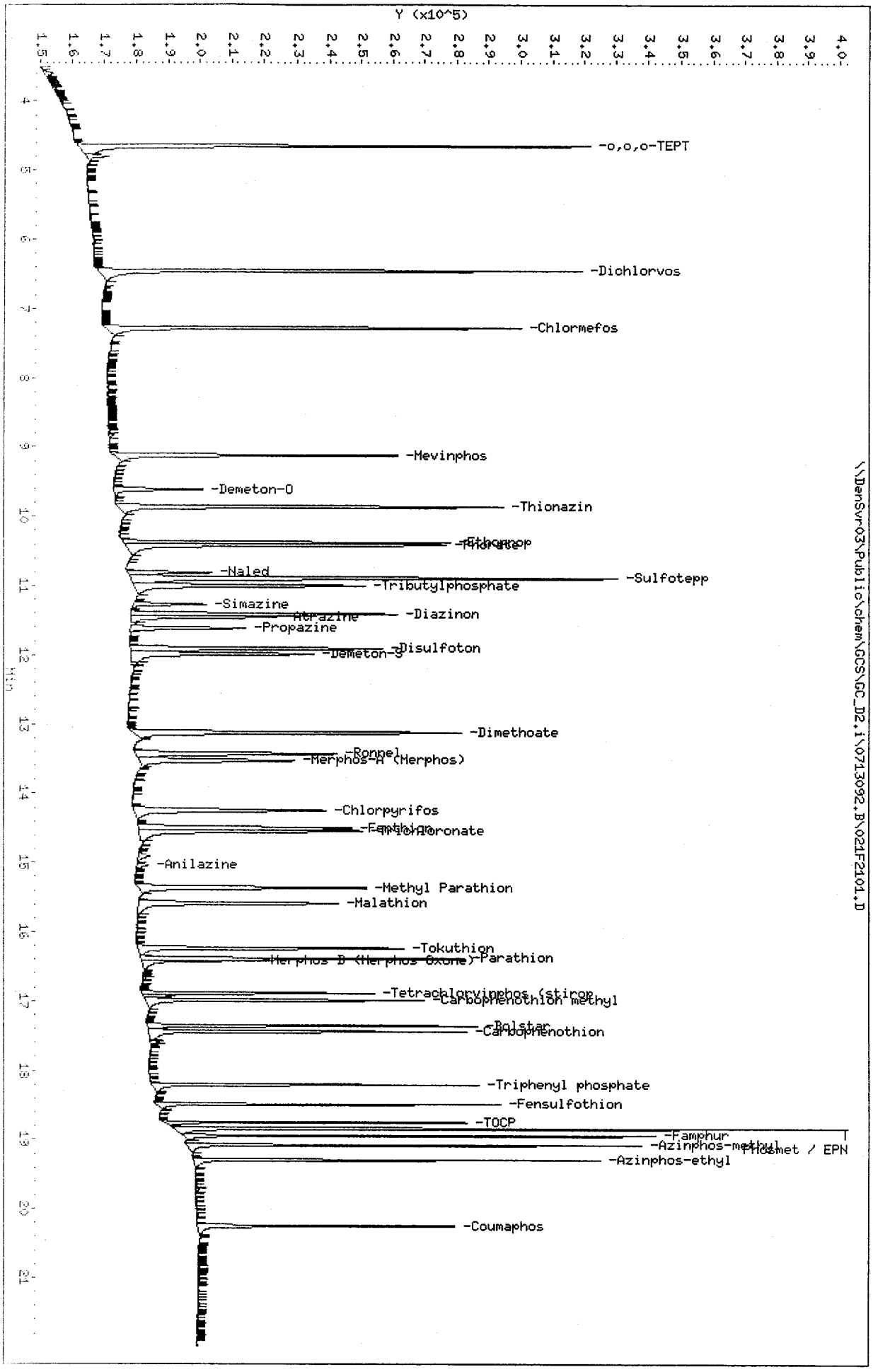
Instrument ID: GC_D2.i
Lab File ID: 021F2101.D
Lab Smp Id: OPP CCV GSV0827
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Misc Info:

Calibration Date: 13-JUL-2009
Calibration Time: 20:24
Client Smp ID: OPP CCV GSV0827
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	183814	91907	367628	194356	5.74
36 TOCP	117580	58790	235160	114284	-2.80

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.00	10.50	11.50	11.00	-0.04
36 TOCP	18.75	18.25	19.25	18.75	0.00

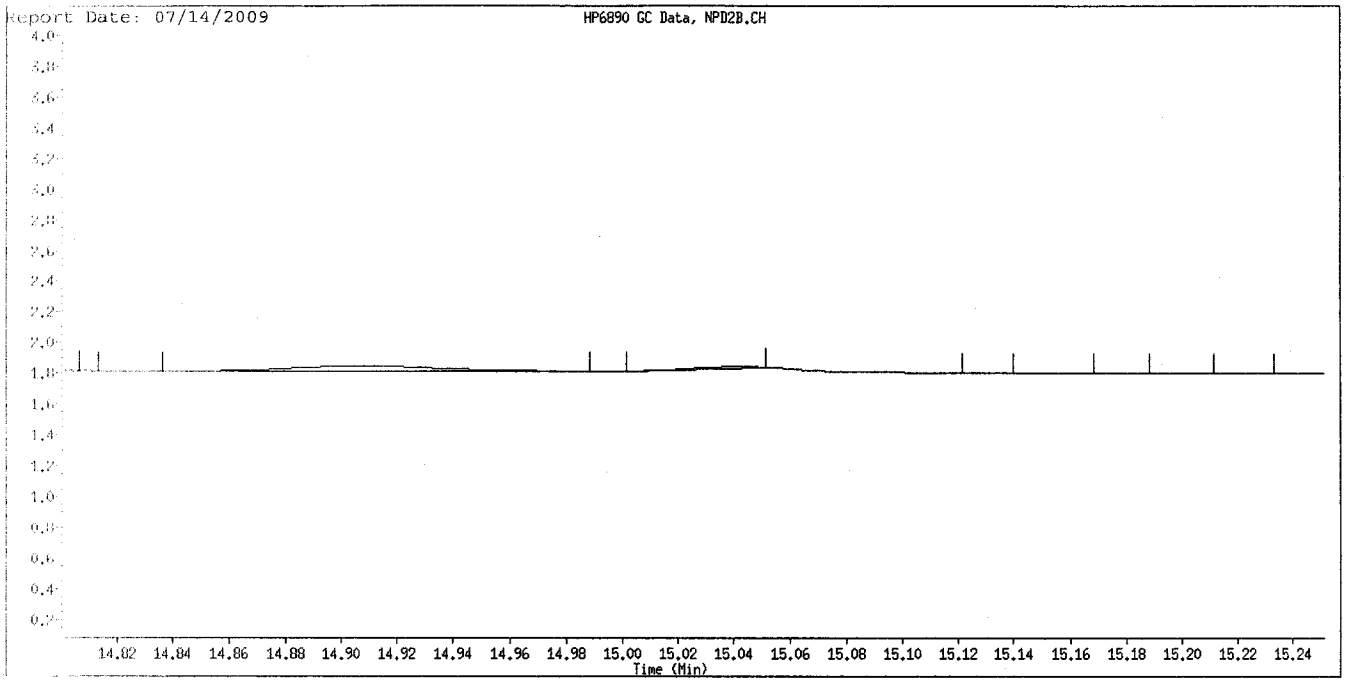
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



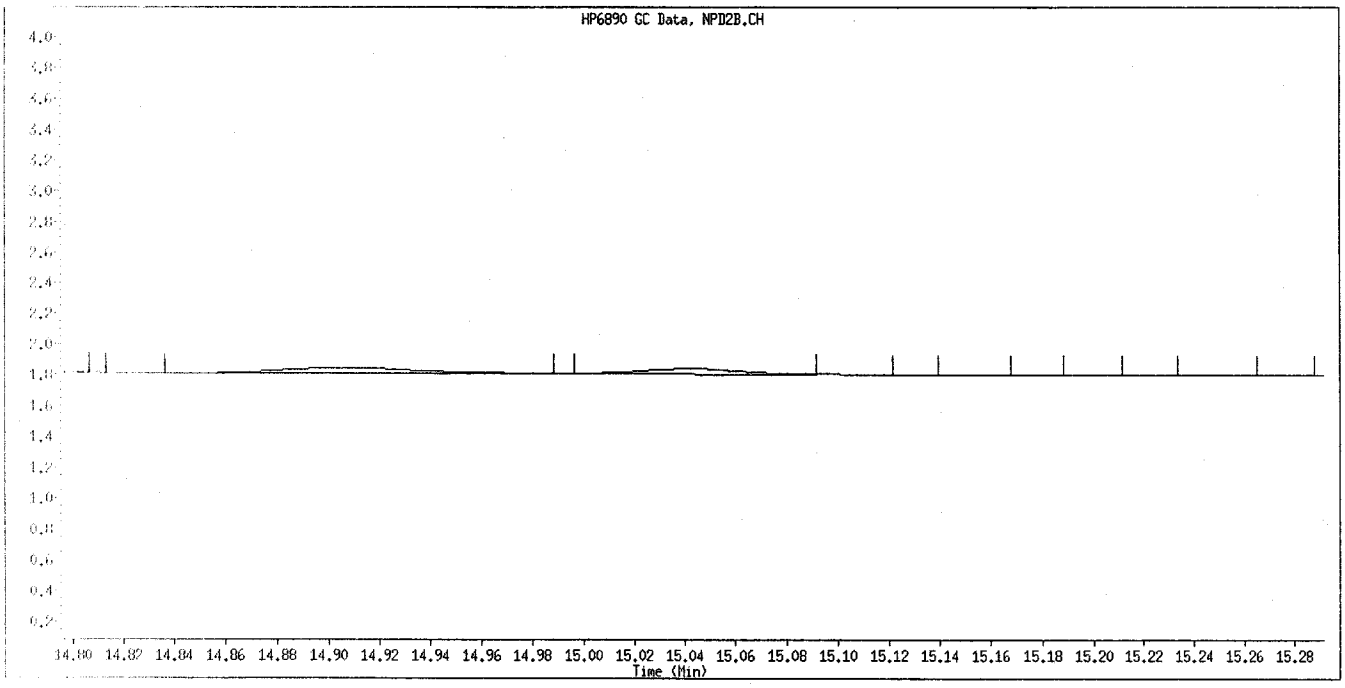
Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\071309Z.B\021F2101.D
Date : 14-JUL-2009 01:24
Client ID: OPP CCV GSV0827
Sample Info: OPP CCV GSV0827
Column phase: RTx-OPPest

Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

Data File Name: 021F2101.D
Inj. Date and Time: 14-JUL-2009 01:24
Instrument ID: GC_D2.i
Client ID: OPP CCV GSV0827
Compound Name: Anilazine
CAS #:
Report Date: 07/14/2009



Original Integration

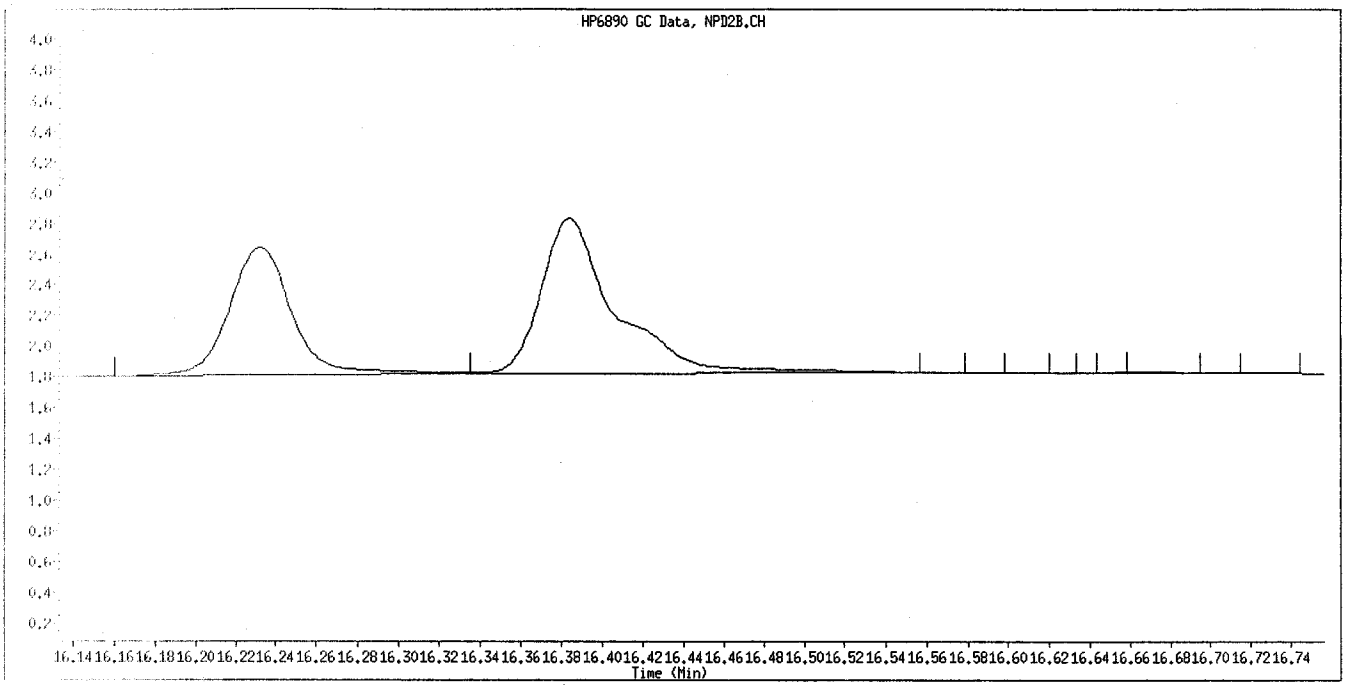


Manual Integration

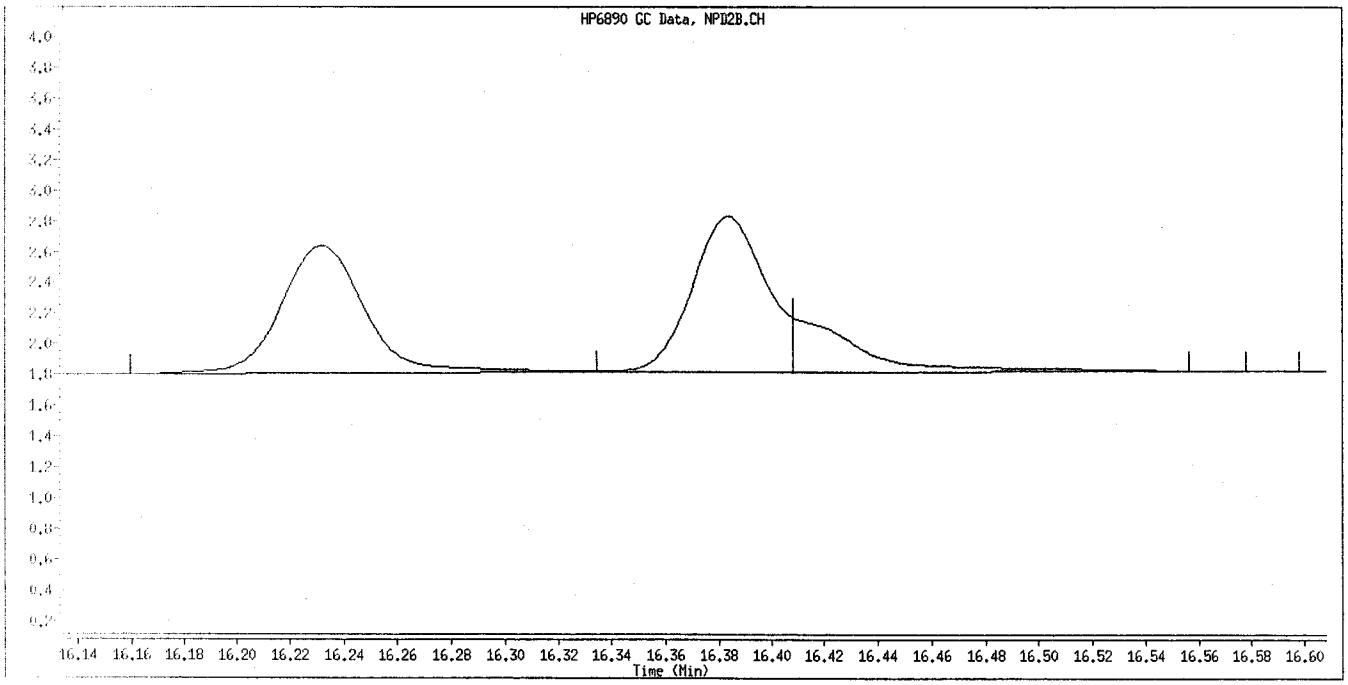
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

7/14/09

Data File Name: 021F2101.D
Inj. Date and Time: 14-JUL-2009 01:24
Instrument ID: GC_D2.i
Client ID: OPP CCV GSV0827
Compound Name: Parathion
CAS #:
Report Date: 07/14/2009



Original Integration

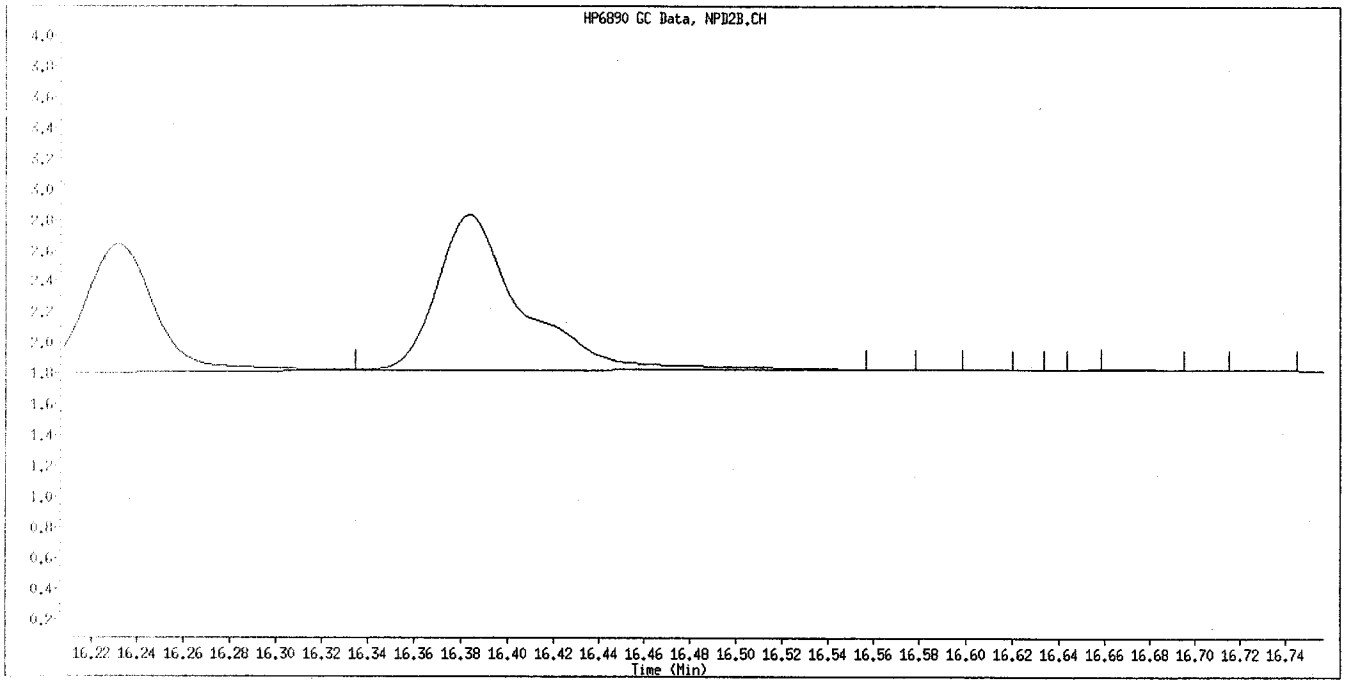


Manual Integration

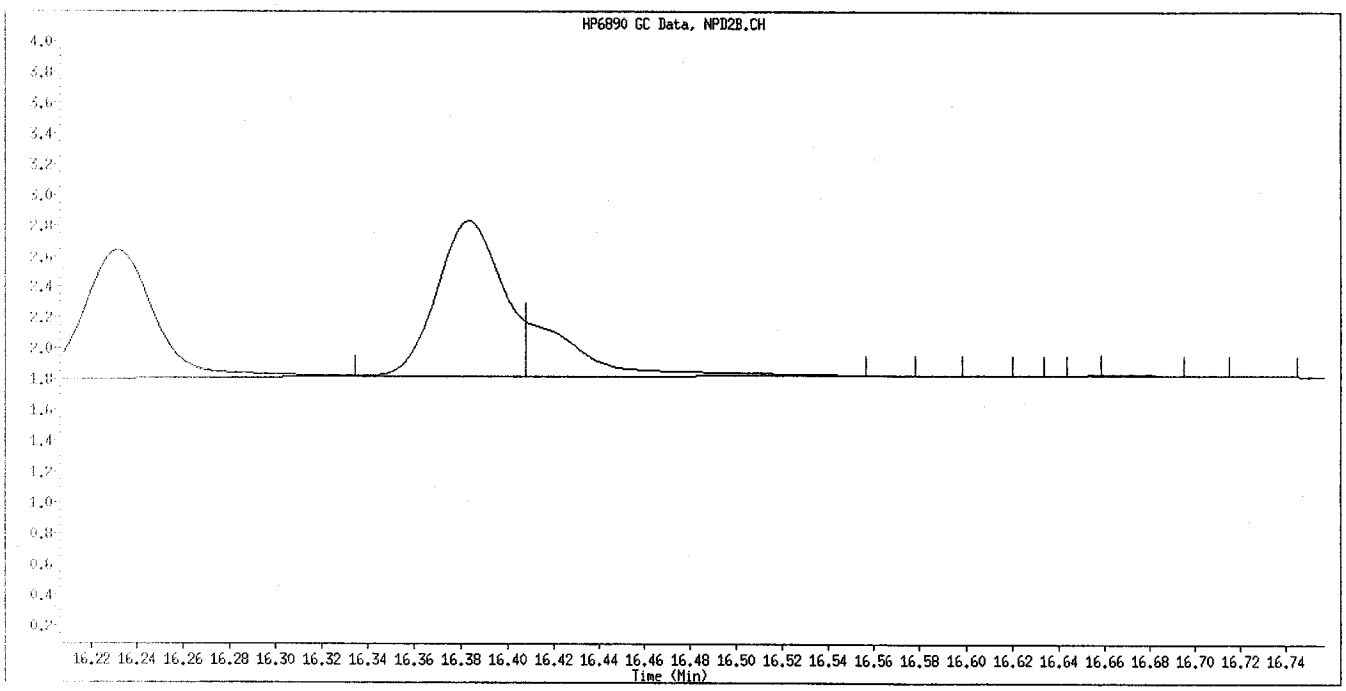
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

7/14/09

Data File Name: 021F2101.D
Inj. Date and Time: 14-JUL-2009 01:24
Instrument ID: GC_D2.i
Client ID: OPP CCV GSV0827
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 07/14/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

7/14/09

GC SEMIVOLATILE SAMPLE DATA

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\011F1101.D
Lab Smp Id: LF5T81AA Client Smp ID: BLANK
Inj Date : 13-JUL-2009 20:52
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LF5T81AA,MB
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Meth Date : 14-Jul-2009 08:48 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 11 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Ws	30.970	Weight of Sample extracted (g)
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
1	o,o,o-TEPT	Compound Not Detected.					
2	Dichlorvos	Compound Not Detected.					
3	Mevinphos	Compound Not Detected.					
4	Chlormefos	5.745	5.745	(0.323)	79445	0.45089	29.12(R)
5	Thionazin	Compound Not Detected.					
6	Demeton-O	Compound Not Detected.					
7	Ethoprop	Compound Not Detected.					
8	Naled	7.950	7.952	(0.447)	104	0.19538	12.62
9	Tributylphosphate	8.047	8.072	(1.000)	223809	2.00000	
10	Sulfotepp	Compound Not Detected.					
11	Phorate	Compound Not Detected.					
12	Dimethoate	Compound Not Detected.					
13	Demeton-S	Compound Not Detected.					
14	Simazine	8.802	8.815	(0.495)	77	0.08107	5.235
15	Atrazine	Compound Not Detected.					
16	propazine	Compound Not Detected.					
17	Disulfoton	Compound Not Detected.					
18	Diazinon	Compound Not Detected.					
19	Methyl Parathion	Compound Not Detected.					
20	Ronnel	Compound Not Detected.					
21	Malathion	Compound Not Detected.					
22	Fenthion	Compound Not Detected.					

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
23	Parathion	Compound Not Detected.					
24	Chlorpyrifos	11.928	11.925	(0.671)	113	9e-004	0.05608
25	Trichloronate	Compound Not Detected.					
26	Anilazine	12.643	12.663	(0.712)	70	0.05012	3.237
27	Merphos-A (Merphos)	Compound Not Detected.					
28	Tetrachlorvinphos (Stirophos)	13.692	13.667	(0.771)	72	0.00112	0.07210
29	Tokuthion	Compound Not Detected.					
30	Merphos-B (Merphos Oxone)	14.477	14.490	(0.815)	86	0.02416	1.560
31	Carbophenothion-methyl	Compound Not Detected.					
32	Fensulfothion	15.212	15.205	(0.856)	785	0.10278	6.637
33	Bolstar / Famphur	Compound Not Detected.					
34	Carbophenothion	Compound Not Detected.					
35	Triphenyl phosphate	16.613	16.615	(0.935)	59637	0.73345	47.36
36	Phosmet	Compound Not Detected.					
37	EPN	17.058	17.058	(0.960)	121	0.05048	3.260
38	Azinphos-methyl	Compound Not Detected.					
39	TOCP	17.767	17.767	(1.000)	160825	2.00000	
40	Azinphos-ethyl	Compound Not Detected.					
41	Coumaphos	Compound Not Detected.					
42	Merphos				86	7.e-004	0.04532
43	Total Demeton	Compound Not Detected.					

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 011F1101.D
Lab Smp Id: LF5T81AA
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Calibration Date: 13-JUL-2009
Calibration Time: 20:24
Client Smp ID: BLANK
Level: LOW
Sample Type: SOIL
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Misc Info: IS - GSV0633-09

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	214729	107365	429458	223809	4.23
39 TOCP	132142	66071	264284	160825	21.71

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.05	7.55	8.55	8.05	0.02
39 TOCP	17.77	17.27	18.27	17.77	0.01

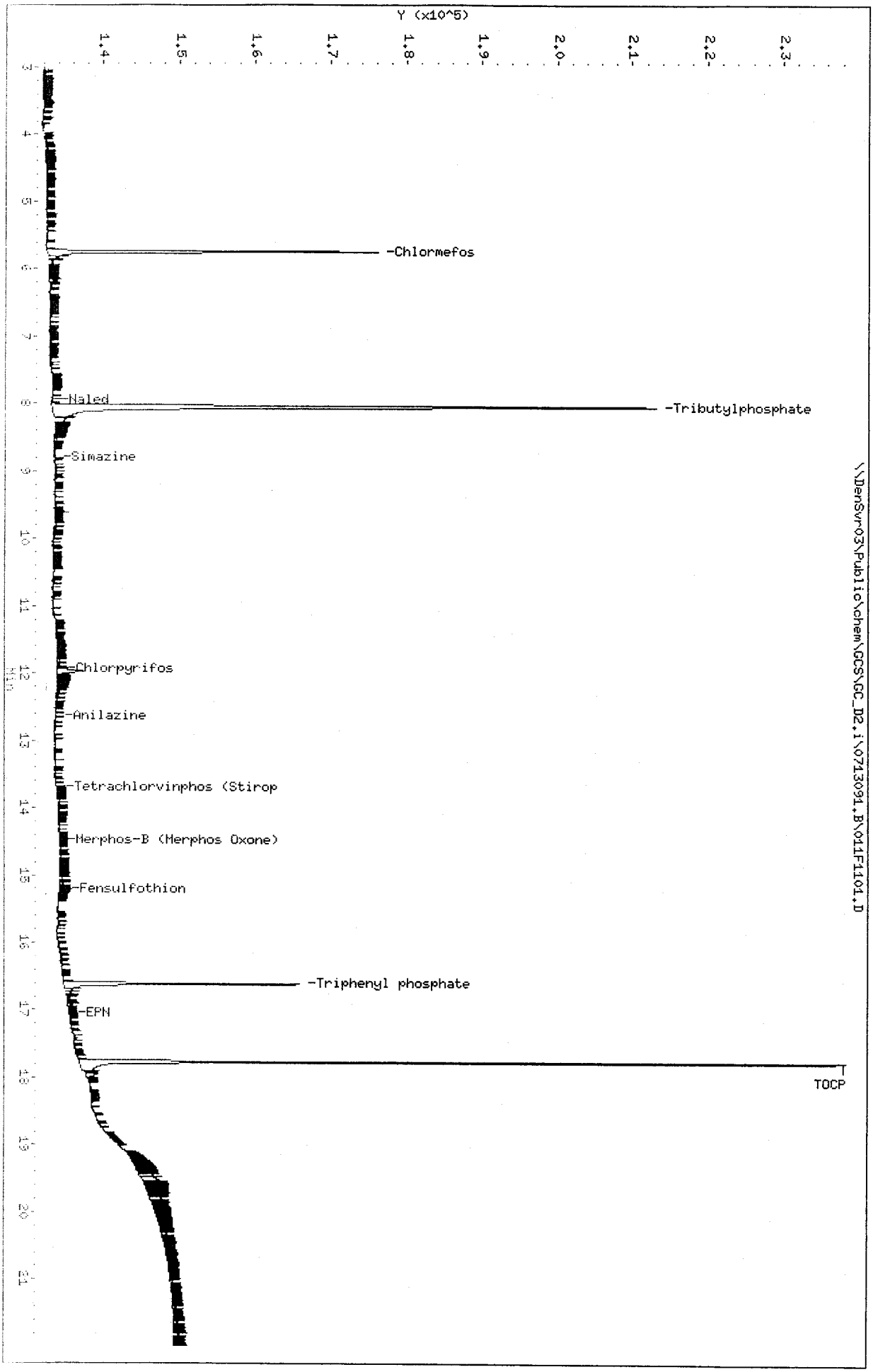
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name: Client SDG: D9G070000
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LF5T81AA Client Smp ID: BLANK
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: BLANK
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Misc Info: IS - GSV0633-09

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 4 Chlormefos	64.58	29.12	45.09*	59-112
$ 35 Triphenyl phosphat	64.58	47.36	73.34	50-150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1.4-
1.5-
1.6-
1.7-
1.8-
1.9-
2.0-
2.1-
2.2-
2.3-
-Chlormefos
-Naled
-Tributylphosphate
-Simazine
-Chlorpyrifos
-Anilazine
-Tetrachlorvinphos (Stirop
-Merphos-B (Merphos Oxone)
-Fensulfothion
-Triphenyl phosphate
-EPN
TOCP
\\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\014F1101.D
Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\014F1101.D
Date : 13-JUL-2009 20:52
Client ID: BLANK
Sample Info: LF5T814A,MB
Column phase: RTx-1MS
Instrument: GC_D2.i
Operator: HPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\011F1101.D
Lab Smp Id: LF5T81AA Client Smp ID: BLANK
Inj Date : 13-JUL-2009 20:52
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LF5T81AA,MB
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Meth Date : 14-Jul-2009 08:59 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 11 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Ws	30.970	Weight of Sample extracted (g)
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
1	o,o,o-TEPT	Compound Not Detected.					
2	Dichlorvos	Compound Not Detected.					
3	Chlormefos	7.280	7.280	(0.388)	67289	0.49335	31.86(R)
4	Mevinphos	Compound Not Detected.					
5	Demeton-O	Compound Not Detected.					
6	Thionazin	Compound Not Detected.					
7	Ethoprop	Compound Not Detected.					
8	Phorate	Compound Not Detected.					
9	Naled	10.819	10.809	(0.577)	142	0.27304	17.63
10	Sulfotepp	10.880	10.885	(0.580)	377	0.00211	0.1365(aA)
11	Tributylphosphate	11.004	11.010	(1.000)	189997	2.00000	
12	Simazine	11.274	11.269	(0.601)	83	0.00325	0.2098(aA)
13	Diazinon	Compound Not Detected.					
14	Atrazine	11.472	11.449	(0.612)	77	0.23379	15.10(aA)
15	Propazine	11.597	11.612	(0.619)	93	0.06024	3.890
16	Disulfoton	Compound Not Detected.					
17	Demeton-S	11.992	11.989	(0.640)	60	0.11959	7.723
18	Dimethoate	Compound Not Detected.					
19	Ronnel	Compound Not Detected.					
20	Merphos-A (Merphos)	13.522	13.520	(1.229)	53	0.00077	0.04971(aA)
21	Chlorpyrifos	Compound Not Detected.					
22	Fenthion	Compound Not Detected.					

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	23 Trichloronate	14.527	14.534	(0.775)	79	0.10594	6.841
	24 Anilazine	Compound Not Detected.					
	25 Methyl Parathion	Compound Not Detected.					
	26 Malathion	15.582	15.584	(0.831)	144	0.00178	0.1152(a)
	27 Tokuthion	Compound Not Detected.					
	28 Parathion	16.417	16.382	(0.876)	77	9e-004	0.05855(a)
	29 Merphos-B (Merphos Oxone)	Compound Not Detected.					
	30 Tetrachlorvinphos (stirophos)	Compound Not Detected.					
	31 Carbophenothion methyl	Compound Not Detected.					
	32 Bolstar	Compound Not Detected.					
	33 Carbophenothion	Compound Not Detected.					
S	34 Triphenyl phosphate	18.202	18.202	(0.971)	49375	0.73775	47.64
	35 Fensulfothion	Compound Not Detected.					
*	36 TCCP	18.747	18.747	(1.000)	134150	2.00000	
	37 Phosmet / EPN	Compound Not Detected.					
	38 Famphur	Compound Not Detected.					
	39 Azinphos-methyl	Compound Not Detected.					
	40 Azinphos-ethyl	Compound Not Detected.					
	41 Coumaphos	Compound Not Detected.					
S	42 Merphos	Compound Not Detected.					
M	43 Total Demeton				60	0.11959	7.723

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 011F1101.D
Lab Smp Id: LF5T81AA
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Misc Info:

Calibration Date: 13-JUL-2009
Calibration Time: 20:24
Client Smp ID: BLANK
Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	183814	91907	367628	189997	3.36
36 TOCP	117580	58790	235160	134150	14.09

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.00	10.50	11.50	11.00	0.01
36 TOCP	18.75	18.25	19.25	18.75	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name: Client SDG: D9G070000
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LF5T81AA Client Smp ID: BLANK
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: BLANK
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Misc Info:

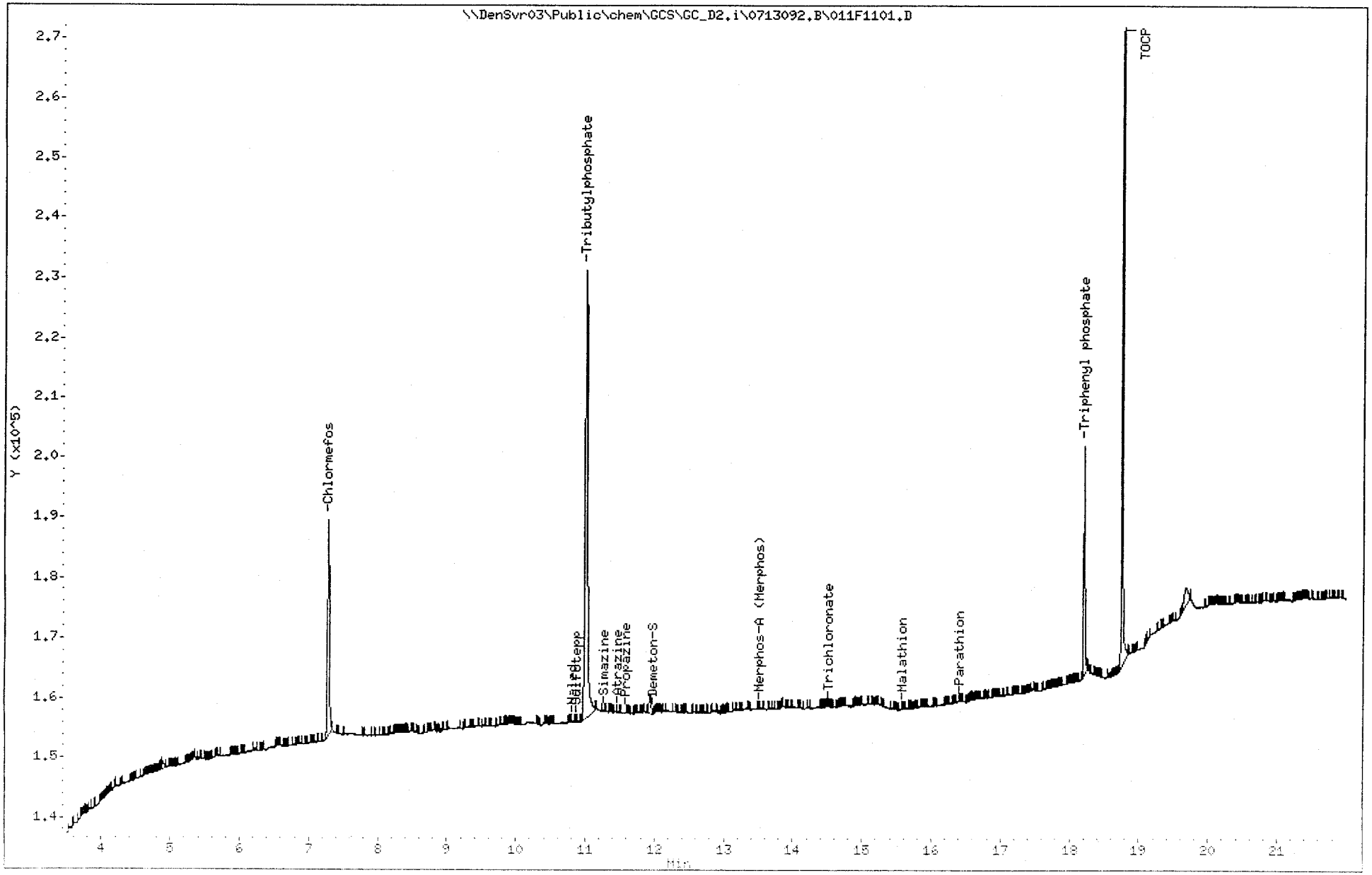
SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 3 Chlormefos	64.58	31.86	49.34*	59-112
$ 34 Triphenyl phosphat	64.58	47.64	73.77	50-150

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\011F1101.D
Date : 13-JUL-2009 20:52
Client ID: BLANK
Sample Info: LF5T81AA,MB

Instrument: GC_D2.i

Operator: MPK/TLW
Column diameter: 0.32

Column phase: RTx-OPPest



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\012F1201.D
Lab Smp Id: LF5T81AC Client Smp ID: LCS
Inj Date : 13-JUL-2009 21:19
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LF5T81AC,LCS
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Meth Date : 14-Jul-2009 08:48 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 12 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Ws	31.430	Weight of Sample extracted (g)
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
1	o,o,o-TEPT	3.167	3.163	(0.178)	287116	1.43310	91.19
2	Dichlorvos	4.007	4.002	(0.226)	224022	1.80069	114.6
3	Mevinphos	5.668	5.670	(0.319)	86723	1.26899	80.75
4	Chlormefos	5.745	5.745	(0.323)	129859	0.83355	53.04
5	Thionazin	7.407	7.407	(0.417)	239319	1.68325	107.1
6	Demeton-O	7.542	7.542	(0.424)	121293	0.89224	56.78
7	Ethoprop	7.753	7.753	(0.436)	211835	1.70022	108.2
8	Naled	7.952	7.952	(0.448)	23709	0.89647	57.04
9	Tributylphosphate	8.045	8.072	(1.000)	216949	2.00000	
10	Sulfotepp	8.328	8.327	(0.469)	280077	1.54720	98.45
11	Phorate	8.417	8.417	(0.474)	164414	1.27422	81.08
12	Dimethoate	8.548	8.552	(0.481)	163529	1.09099	69.42
13	Demeton-S	8.743	8.747	(0.492)	11576	0.10650	6.777
14	Simazine	8.813	8.815	(0.496)	61656	1.26538	80.52
15	Atrazine	8.982	8.983	(0.506)	85094	1.46411	93.17
16	propazine	9.125	9.127	(0.514)	83841	1.56341	99.48
17	Disulfoton	9.743	9.743	(0.548)	91975	1.03126	65.62
18	Diazinon	9.782	9.782	(0.551)	216195	1.55980	99.26
19	Methyl Parathion	10.588	10.588	(0.596)	181993	2.07041	131.7
20	Ronnel	11.108	11.108	(0.625)	160947	1.77130	112.7
21	Malathion	11.665	11.665	(0.657)	130942	1.56800	99.78
22	Fenthion	11.792	11.792	(0.664)	155974	1.74556	111.1

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
23	Parathion	11.878	11.877	(0.669)	177152	1.86287	118.5
24	Chlorpyrifos	11.925	11.925	(0.671)	200626	1.74376	111.0
25	Trichloronate	12.347	12.345	(0.695)	169230	1.64575	104.7
26	Anilazine	12.665	12.663	(0.713)	20140	2.29075	145.8
27	Merphos-A (Merphos)	13.038	13.038	(0.734)	187	0.00218	0.1387
28	Tetrachlorvinphos (Stirophos)	13.663	13.667	(0.769)	115476	2.02522	128.9
29	Tokuthion	14.280	14.278	(0.804)	175322	1.77860	113.2
30	Merphos-B (Merphos Oxone)	14.487	14.490	(0.815)	171242	7.40110	471.0(A)
31	Carbophenothion-methyl	15.060	15.058	(0.848)	142287	1.86073	118.4
32	Fensulfothion	15.202	15.205	(0.856)	150734	1.87982	119.6
33	Bolstar / Famphur	15.930	15.930	(0.897)	339684	3.60208	229.2
34	Carbophenothion	16.078	16.075	(0.905)	166512	1.76006	112.0
S 35	Triphenyl phosphate	16.613	16.615	(0.935)	71197	0.99030	63.02
36	Phosmet	16.867	16.868	(0.949)	161302	1.99196	126.8
37	EPN	17.060	17.058	(0.960)	169648	2.19003	139.4
38	Azinphos-methyl	17.393	17.392	(0.979)	171292	1.98513	126.3
* 39	TOCP	17.767	17.767	(1.000)	142201	2.00000	
40	Azinphos-ethyl	17.845	17.843	(1.004)	176125	1.81175	115.3
41	Coumaphos	18.290	18.290	(1.029)	147840	2.12426	135.2
S 42	Merphos				171429	1.58214	100.7
M 43	Total Demeton				132869	0.99874	63.55

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 012F1201.D
Lab Smp Id: LF5T81AC
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Calibration Date: 13-JUL-2009
Calibration Time: 20:24
Client Smp ID: LCS
Level: LOW
Sample Type: SOIL
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Misc Info: IS - GSV0633-09

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	214729	107365	429458	216949	1.03
39 TOCP	132142	66071	264284	142201	7.61

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.05	7.55	8.55	8.05	-0.01
39 TOCP	17.77	17.27	18.27	17.77	0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name: Client SDG: D9G070000
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LF5T81AC Client Smp ID: LCS
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: LCS
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Misc Info: IS - GSV0633-09

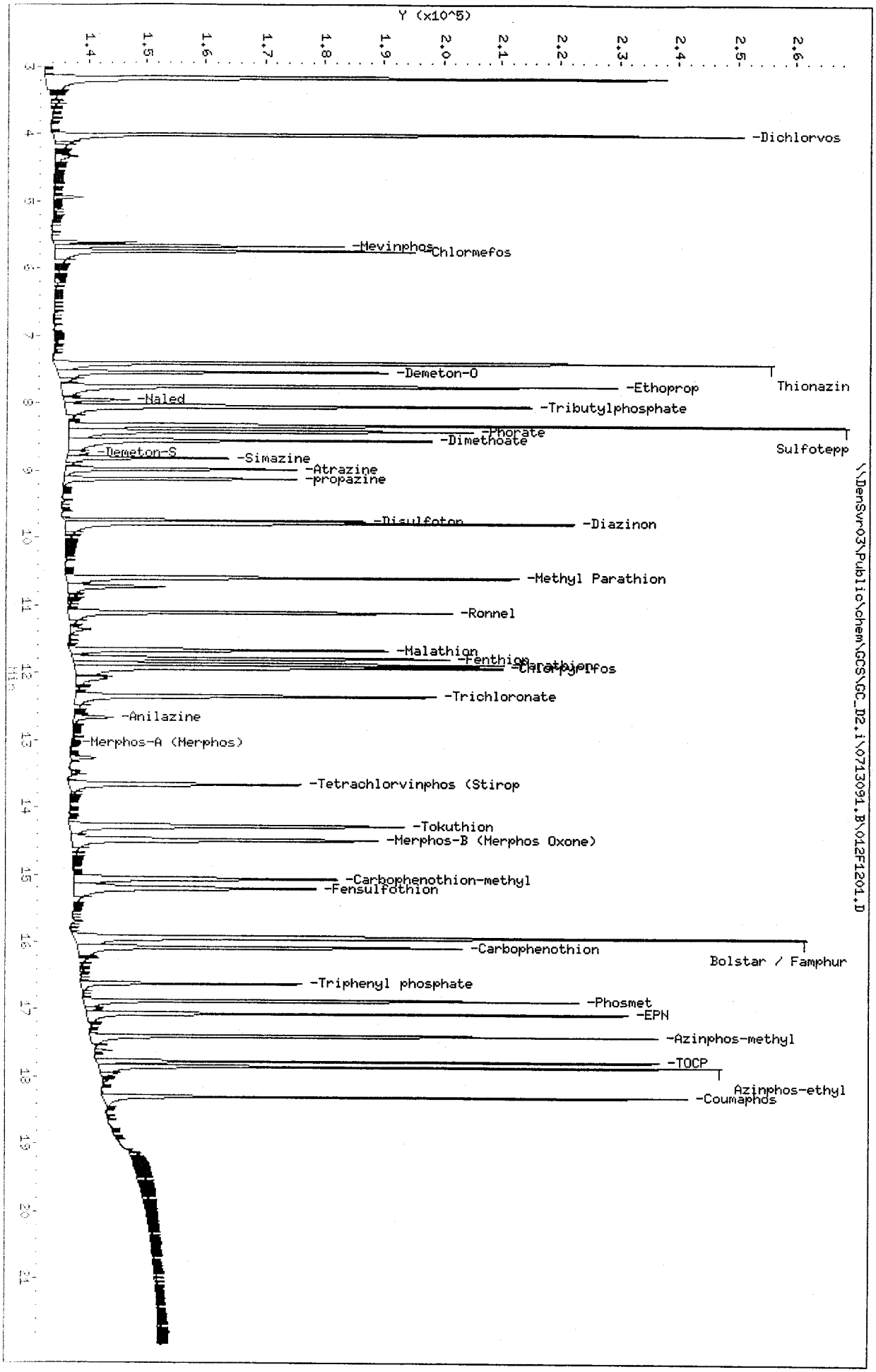
	SPIKE	COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
	1	o,o,o-TEPT	127.3	91.19	71.66	36-119
	2	Dichlorvos	127.3	114.6	90.03	50-120
	3	Mevinphos	127.3	80.75	63.45	35-108
$	4	Chlormefos	63.63	53.04	83.35	48-114
	5	Thionazin	127.3	107.1	84.16	65-116
	7	Ethoprop	127.3	108.2	85.01	65-108
	8	Naled	127.3	57.04	44.82	36-119
	10	Sulfotepp	127.3	98.45	77.36	69-103
	11	Phorate	127.3	81.08	63.71	62-104
	12	Dimethoate	127.3	69.42	54.55	28-115
	14	Simazine	127.3	80.52	63.27	47-109
	15	Atrazine	127.3	93.17	73.21	36-119
	16	propazine	127.3	99.48	78.17	36-119
	17	Disulfoton	127.3	65.62	51.56	36-119
	18	Diazinon	127.3	99.26	77.99	36-119
	19	Methyl Parathion	127.3	131.7	103.52	68-119
	20	Ronnel	127.3	112.7	88.57	62-115
	21	Malathion	127.3	99.78	78.40	67-115
	22	Fenthion	127.3	111.1	87.28	36-119
	23	Parathion	127.3	118.5	93.14	36-119
	24	Chlorpyrifos	127.3	111.0	87.19	36-119
	25	Trichloronate	127.3	104.7	82.29	36-119
	26	Anilazine	127.3	145.8	114.54	47-115
	28	Tetrachlorvinphos	127.3	128.9	101.26	36-119
	29	Tokuthion	127.3	113.2	88.93	36-119
	31	Carbophenothion-me	127.3	118.4	93.04	36-119
	32	Fensulfothion	127.3	119.6	93.99	61-115
	33	Bolstar / Famphur	254.5	229.2	90.05	36-119
	34	Carbophenothion	127.3	112.0	88.00	36-119
$	35	Triphenyl phosphat	63.63	63.02	99.03	50-150
	36	Phosmet	127.3	126.8	99.60	36-119
	37	EPN	127.3	139.4	109.50	36-119
	38	Azinphos-methyl	127.3	126.3	99.26	55-115
	40	Azinphos-ethyl	127.3	115.3	90.59	36-119
	41	Coumaphos	127.3	135.2	106.21	62-115
S	42	Merphos	127.3	100.7	79.11	36-119
M	43	Total Demeton	127.3	63.55	49.94	47-115

TestAmerica

RECOVERY REPORT

Client Name: Client SDG: D9G070000
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LF5T81AC Client Smp ID: LCS
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: LCS
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Misc Info: IS - GSV0633-09

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 4 Chlormefos	64.58	53.04	83.35	59-112
$ 35 Triphenyl phosphat	64.58	63.02	99.03	50-150



Data File: \\DenSvr03\Public\chem\GCS\GC_D2,i\0713091,B\012F1201.D
Date : 13-JUL-2009 21:19
Client ID: LCS
Sample Info: LF5T81AC,LCS
Column phase: RTx-1MS
Instrument: GC_D2,i
Operator: MPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\012F1201.D
Lab Smp Id: LF5T81AC Client Smp ID: LCS
Inj Date : 13-JUL-2009 21:19
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LF5T81AC,LCS
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Meth Date : 14-Jul-2009 08:59 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 12 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Ws	31.430	Weight of Sample extracted (g)
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
1	o,o,o-TEPT	4.649	4.647	(0.248)	227671	1.41677	90.15
2	Dichlorvos	6.454	6.452	(0.344)	239795	1.91105	121.6
S 3	Chlormefos	7.280	7.280	(0.388)	95203	0.75370	47.96
4	Mevinphos	9.120	9.120	(0.487)	114561	1.35536	86.25
5	Demeton-O	9.610	9.610	(0.513)	88652	1.10068	70.04
6	Thionazin	9.860	9.860	(0.526)	200859	1.58907	101.1
7	Ethoprop	10.375	10.377	(0.553)	173243	1.83425	116.7
8	Phorate	10.404	10.404	(0.555)	120024	1.09585	69.73
9	Naled	10.810	10.809	(0.577)	17673	0.84839	53.99
10	Sulfotepp	10.887	10.885	(0.581)	252668	1.52956	97.33(A)
* 11	Tributylphosphate	11.002	11.010	(1.000)	215471	2.00000	
12	Simazine	11.269	11.269	(0.601)	47249	1.99707	127.1(A)
13	Diazinon	11.407	11.407	(0.608)	151965	1.72270	109.6
14	Atrazine	11.449	11.449	(0.611)	61998	1.42917	90.94(A)
15	Propazine	11.610	11.612	(0.619)	58606	1.44461	91.92
16	Disulfoton	11.904	11.904	(0.635)	91273	1.04772	66.67(R)
17	Demeton-S	11.982	11.989	(0.639)	314	0.12194	7.760(R)
18	Dimethoate	13.122	13.122	(0.700)	120847	1.03503	65.86
19	Ronnel	13.425	13.424	(0.716)	145328	1.84922	117.7
20	Merphos A (Merphos)	13.562	13.520	(1.233)	318	0.00407	0.2592(aA)
21	Chlorpyrifos	14.240	14.239	(0.760)	139097	1.74501	111.0
22	Fenthion	14.492	14.490	(0.773)	131287	1.77578	113.0

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	23 Trichloronate	14.534	14.534	(0.775)	159725	1.58416	100.8
	24 Anilazine	15.040	15.039	(0.802)	13888	2.03519	129.5
	25 Methyl Parathion	15.359	15.359	(0.819)	162497	2.03588	129.5(A)
	26 Malathion	15.585	15.584	(0.831)	103775	1.38787	88.32
	27 Tokuthion	16.230	16.229	(0.866)	144153	1.64658	104.8
	28 Parathion	16.382	16.382	(0.874)	151277	1.92343	122.4
	29 Merphos-B (Merphos Oxone)	16.415	16.407	(1.492)	153747	6.48546	412.7(A)
	30 Tetrachlorvinphos (stirophos)	16.882	16.882	(0.901)	102016	2.00516	127.6
	31 Carbophenothion methyl	16.984	16.984	(0.906)	120375	1.65071	105.0
	32 Bolstar	17.354	17.352	(0.926)	139728	1.81904	115.8
	33 Carbophenothion	17.434	17.434	(0.930)	142169	1.88221	119.8(A)
S	34 Triphenyl phosphate	18.202	18.202	(0.971)	62386	1.00652	64.05
	35 Fensulfothion	18.484	18.484	(0.986)	109375	1.92186	122.3
*	36 TCCP	18.747	18.747	(1.000)	124239	2.00000	
	37 Phosmet / EPN	18.837	18.839	(1.005)	266321	4.17991	266.0
	38 Famphur	18.940	18.942	(1.010)	144529	1.77365	112.9
	39 Azinphos-methyl	19.074	19.079	(1.017)	142093	1.90620	121.3
	40 Azinphos-ethyl	19.289	19.294	(1.029)	124143	1.74864	111.3
	41 Coumaphos	20.242	20.247	(1.080)	116618	2.13645	135.9
M	42 Merphos				154065	1.48795	94.68
M	43 Total Demeton				88966	1.22262	77.80

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 012F1201.D
Lab Smp Id: LF5T81AC
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Misc Info:

Calibration Date: 13-JUL-2009
Calibration Time: 20:24
Client Smp ID: LCS
Level: LOW
Sample Type: SOIL

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
11 Tributylphosphate	183814	91907	367628	215471	17.22
36 TOCP	117580	58790	235160	124239	5.66

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.00	10.50	11.50	11.00	-0.01
36 TOCP	18.75	18.25	19.25	18.75	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name:
Client SDG: D9G070000
Sample Matrix: SOLID
Fraction: SV
Lab Smp Id: LF5T81AC
Client Smp ID: LCS
Level: LOW
Operator: MPK/TLW
Data Type: GC DATA
SampleType: LCS
SpikeList File: fullDFCwater.spk
Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Misc Info:

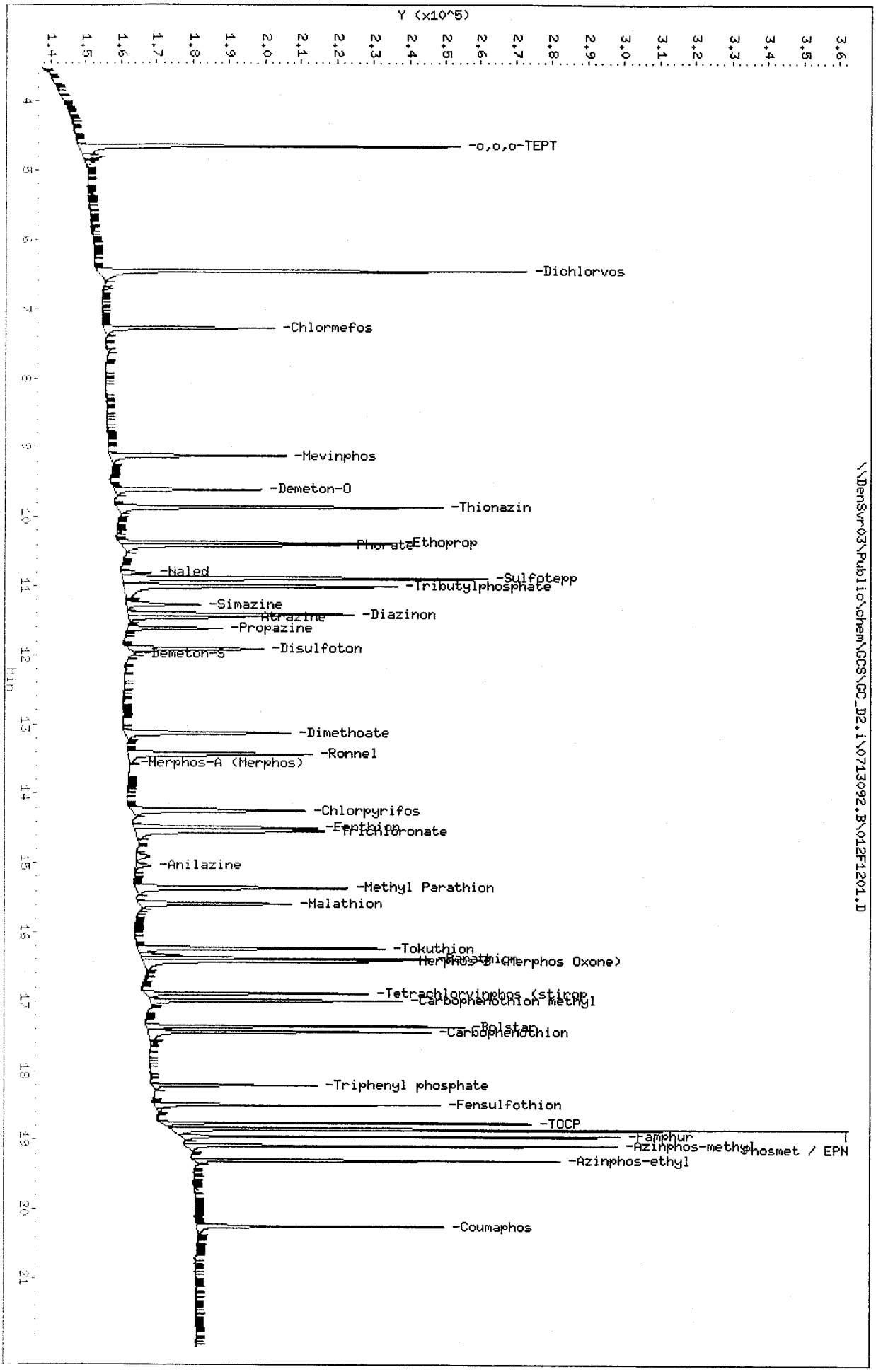
		SPIKE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
	1	o,o,o-TEPT	127.3	90.15	70.84	36-119
	2	Dichlorvos	127.3	121.6	95.55	50-120
$	3	Chlormefos	63.63	47.96	75.37	58-114
	4	Mevinphos	127.3	86.25	67.77	35-108
	5	Demeton-O	89.09	70.04	78.62	36-119
	6	Thionazin	127.3	101.1	79.45	65-116
	7	Ethoprop	127.3	116.7	91.71	36-119
	8	Phorate	127.3	69.73	54.79	36-119
	9	Naled	127.3	53.99	42.42	36-119
	10	Sulfotepp	127.3	97.33	76.48	36-119
	12	Simazine	127.3	127.1	99.85	36-119
	13	Diazinon	127.3	109.6	86.14	36-119
	14	Atrazine	127.3	90.94	71.46	36-119
	15	Propazine	127.3	91.92	72.23	36-119
	16	Disulfoton	127.3	66.67	52.39*	61-103
	17	Demeton-S	38.18	7.760	20.32*	36-119
	18	Dimethoate	127.3	65.86	51.75	28-82
	19	Ronnel	127.3	117.7	92.46	62-99
	21	Chlorpyrifos	127.3	111.0	87.25	66-101
	22	Fenthion	127.3	113.0	88.79	36-119
	23	Trichloronate	127.3	100.8	79.21	36-119
	24	Anilazine	127.3	129.5	101.76	36-119
	25	Methyl Parathion	127.3	129.5	101.79	36-119
	26	Malathion	127.3	88.32	69.39	36-119
	27	Tokuthion	127.3	104.8	82.33	36-119
	28	Parathion	127.3	122.4	96.17	36-119
	30	Tetrachlorvinphos	127.3	127.6	100.26	36-119
	31	Carbophenothion me	127.3	105.0	82.54	36-119
	32	Bolstar	127.3	115.8	90.95	36-119
	33	Carbophenothion	127.3	119.8	94.11	36-119
$	34	Triphenyl phosphat	63.63	64.05	100.65	36-119
	35	Fensulfothion	127.3	122.3	96.09	20-105
	37	Phosmet / EPN	254.5	266.0	104.50	36-119
	38	Famphur	127.3	112.9	88.68	61-108
	39	Azinphos-methyl	127.3	121.3	95.31	55-103
	40	Azinphos-ethyl	127.3	111.3	87.43	36-119
	41	Coumaphos	127.3	135.9	106.82	36-119
S	42	Merphos	127.3	94.68	74.40	36-119
M	43	Total Demeton	127.3	77.80	61.13	47-100

TestAmerica

RECOVERY REPORT

Client Name: Client SDG: D9G070000
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LF5T81AC Client Smp ID: LCS
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: LCS
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 3 Chlormefos	64.58	47.96	75.37	59-112
$ 34 Triphenyl phosphat	64.58	64.05	100.65	50-150



Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\012F1201.D
Date : 13-JUL-2009 21:19
Client ID: LCS
Sample Info: LF5T81AC,LCS
Column phase: RTx-OPPest

Instrument: GC_D2.i
Operator: HPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\013F1301.D
Lab Smp Id: LF1T81AA Client Smp ID: SA106-0.5B
Inj Date : 13-JUL-2009 21:46
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LF1T81AA,222-1
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Meth Date : 14-Jul-2009 08:48 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Ws	29.330	Weight of Sample extracted (g)
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
1	o,o,o-TEPT	Compound Not Detected.					
2	Dichlorvos	Compound Not Detected.					
3	Mevinphos	Compound Not Detected.					
s 4	Chlormefos	5.746	5.745	(0.323)	65317	0.40728	27.77(R) - RPT 2°
5	Thionazin	Compound Not Detected.					
6	Demeton-O	Compound Not Detected.					
7	Ethoprop	Compound Not Detected.					
8	Naled	7.919	7.952	(0.446)	59	0.19435	13.25
* 9	Tributylphosphate	8.036	8.072	(1.000)	210326	2.00000	
10	Sulfotepp	Compound Not Detected.					
11	Phorate	Compound Not Detected.					
12	Dimethoate	Compound Not Detected.					
13	Demeton-S	8.746	8.747	(0.492)	61763	0.55202	37.64 NC
14	Simazine	8.856	8.815	(0.498)	951	0.09752	6.650
15	Atrazine	Compound Not Detected.					
16	propazine	Compound Not Detected.					
17	Disulfoton	Compound Not Detected.					
18	Diazinon	Compound Not Detected.					
19	Methyl Parathion	Compound Not Detected.					
20	Ronnel	Compound Not Detected.					
21	Malathion	Compound Not Detected.					
22	Fenthion	Compound Not Detected.					

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	23 Parathion	Compound Not Detected.					
	24 Chlorpyrifos	11.937	11.925	(0.672)	57	5e-004	0.03282(a)
	25 Trichloronate	Compound Not Detected.					
	26 Anilazine	12.629	12.663	(0.711)	112	0.05616	3.830
	27 Merphos-A (Merphos)	13.036	13.038	(0.733)	139	0.00157	0.1073
	28 Tetrachlorvinphos (Stirophos)	13.661	13.667	(0.769)	62	0.00106	0.07203
	29 Tokuthion	Compound Not Detected.					
	30 Merphos-B (Merphos Oxone)	Compound Not Detected.					
	31 Carbophenothion-methyl	Compound Not Detected.					
	32 Fensulfothion	15.211	15.205	(0.856)	365	0.09876	6.734
	33 Bolstar / Famphur	Compound Not Detected.					
	34 Carbophenothion	Compound Not Detected.					
S	35 Triphenyl phosphate	16.622	16.615	(0.935)	41322	0.55834	38.07
	36 Phosmet	Compound Not Detected.					
	37 EPN	17.096	17.058	(0.962)	99	0.05034	3.433
	38 Azinphos-methyl	Compound Not Detected.					
*	39 TOCP	17.772	17.767	(1.000)	146382	2.00000	
	40 Azinphos-ethyl	Compound Not Detected.					
	41 Coumaphos	Compound Not Detected.					
S	42 Merphos				139	0.00125	0.08498
M	43 Total Demeton				61763	0.55202	37.64

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 013F1301.D
Lab Smp Id: LF1T81AA
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 13-JUL-2009
Calibration Time: 20:24
Client Smp ID: SA106-0.5B
Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	214729	107365	429458	210326	-2.05
39 TOCP	132142	66071	264284	146382	10.78

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.05	7.55	8.55	8.04	-0.12
39 TOCP	17.77	17.27	18.27	17.77	0.04

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

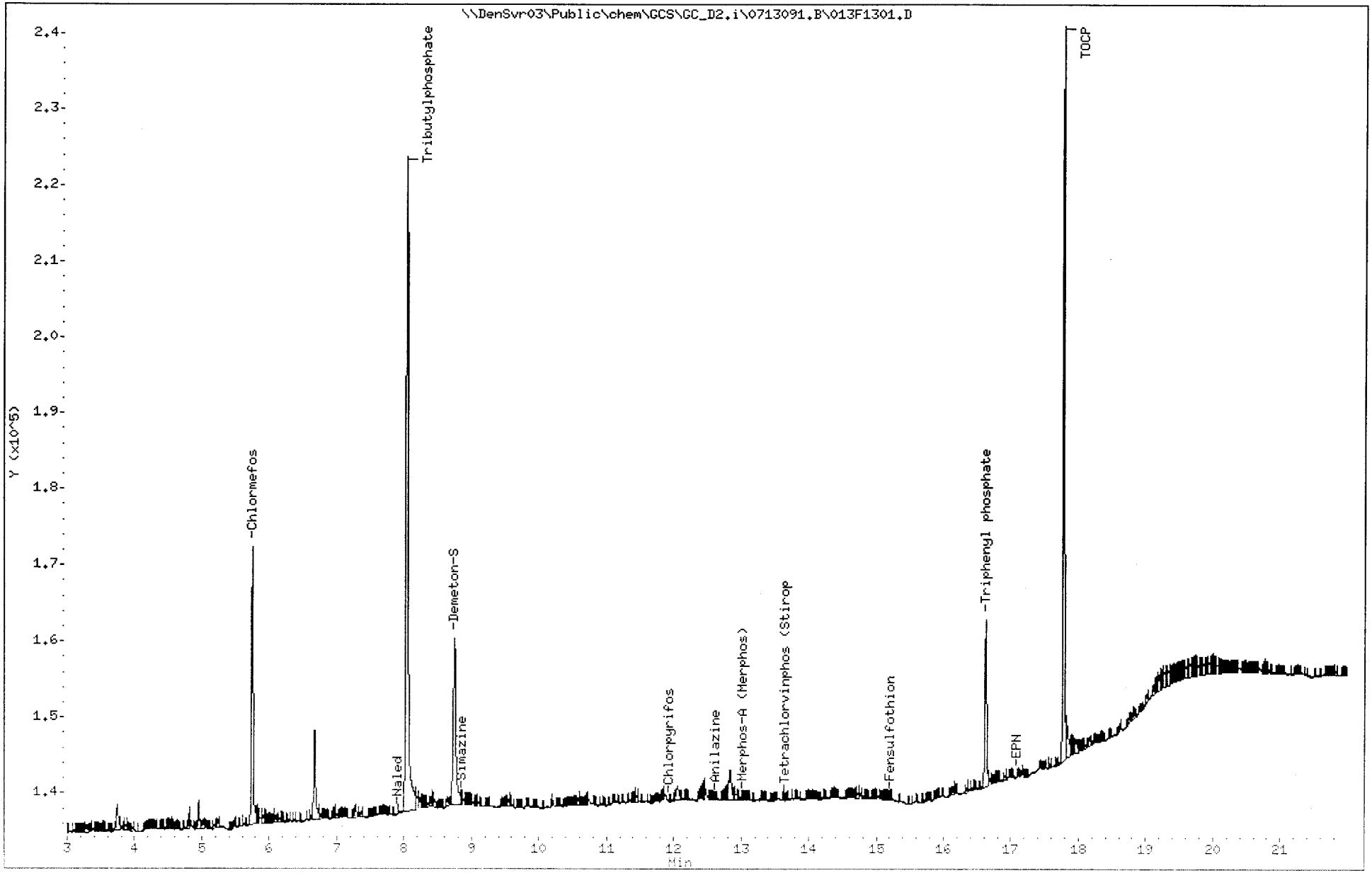
RECOVERY REPORT

Client Name: Northgate Environmen02-JUL-2009 00:00 Client SDG: 8304610
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LF1T81AA Client Smp ID: SA106-0.5B
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: SAMPLE
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Misc Info: IS - GSV0633-09

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 4 Chlormefos	68.19	27.77	40.73*	59-112
$ 35 Triphenyl phosphat	68.19	38.07	55.83	50-150

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\013F1301.D
Date : 13-JUL-2009 21:46
Client ID: SA106-0.5B
Sample Info: LF1T81AA,222-1

Instrument: GC_D2.i
Operator: MPK/TLW
Column phase: RTx-1MS
Column diameter: 0.32



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\013F1301.D
Lab Smp Id: LF1T81AA Client Smp ID: SA106-0.5B
Inj Date : 13-JUL-2009 21:46
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LF1T81AA,222-1
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Meth Date : 14-Jul-2009 08:59 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Ws	29.330	Weight of Sample extracted (g)
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
1	o,o,o-TEPT	Compound Not Detected.					
2	Dichlorvos	Compound Not Detected.					
$ 3	Chlormefos	7.283	7.280	(0.388)	60530	0.43046	29.35(R)
4	Mevinphos	Compound Not Detected.					
5	Demeton-O	Compound Not Detected.					
6	Thionazin	Compound Not Detected.					
7	Ethoprop	Compound Not Detected.					
8	Phorate	Compound Not Detected.					
9	Naled	10.829	10.809	(0.578)	61	0.27053	18.45
10	Sulfotepp	10.881	10.885	(0.580)	136	0.00074	0.05043(aA)
* 11	Tributylphosphate	10.999	11.010	(1.000)	184744	2.00000	
12	Simazine	11.228	11.269	(0.599)	1834	0.06963	4.748(aA)
13	Diazinon	Compound Not Detected.					
14	Atrazine	11.446	11.449	(0.610)	204	0.23595	16.09(aA)
15	Propazine	11.648	11.612	(0.621)	124	0.06084	4.149
16	Disulfoton	Compound Not Detected.					
17	Demeton-S	11.981	11.989	(0.639)	70	0.11966	8.159 NOX q peak
18	Dimethoate	Compound Not Detected.					
19	Ronnel	Compound Not Detected.					
20	Merphos-A (Merphos)	13.529	13.520	(1.230)	81	0.00121	0.08251(aA)
21	Chlorpyrifos	Compound Not Detected.					
22	Fenthion	Compound Not Detected.					

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	23 Trichloronate	14.533	14.534	(0.775)	84	0.10596	7.225
	24 Anilazine	Compound Not Detected.					
	25 Methyl Parathion	Compound Not Detected.					
	26 Malathion	15.568	15.584	(0.830)	59	7e-004	0.04833(a)
	27 Tokuthion	Compound Not Detected.					
	28 Parathion	16.429	16.382	(0.876)	117	0.00134	0.09112(a)
	29 Merphos-B (Merphos Oxone)	Compound Not Detected.					
	30 Tetrachlorvinphos (stirophos)	Compound Not Detected.					
	31 Carbophenothion methyl	Compound Not Detected.					
	32 Bolstar	Compound Not Detected.					
	33 Carbophenothion	Compound Not Detected.					
S	34 Triphenyl phosphate	18.206	18.202	(0.971)	35913	0.52047	35.49
	35 Fensulfothion	Compound Not Detected.					
*	36 TOCP	18.749	18.747	(1.000)	138308	2.00000	
	37 Phosmet / EPN	Compound Not Detected.					
	38 Famphur	Compound Not Detected.					
	39 Azinphos-methyl	Compound Not Detected.					
	40 Azinphos-ethyl	Compound Not Detected.					
	41 Coumaphos	Compound Not Detected.					
S	42 Merphos	Compound Not Detected.					
M	43 Total Demeton				70	0.11966	8.159

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 013F1301.D
Lab Smp Id: LF1T81AA
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Misc Info:

Calibration Date: 13-JUL-2009
Calibration Time: 20:24
Client Smp ID: SA106-0.5B
Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	183814	91907	367628	184744	0.51
36 TOCP	117580	58790	235160	138308	17.63

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.00	10.50	11.50	11.00	-0.03
36 TOCP	18.75	18.25	19.25	18.75	0.01

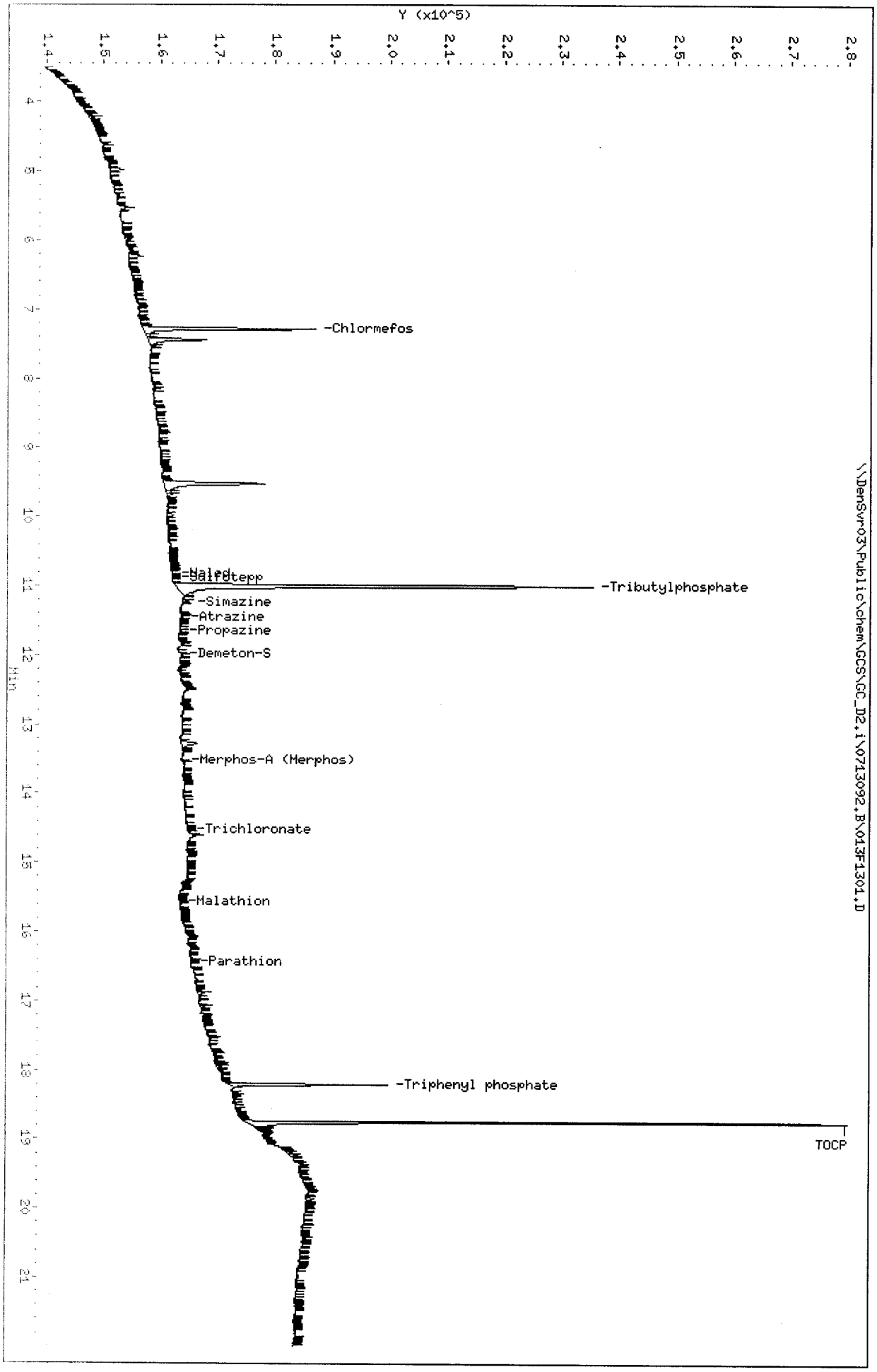
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name: Northgate Environmen02-JUL-2009 00:00 Client SDG: 8304610
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LF1T81AA Client Smp ID: SA106-0.5B
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: SAMPLE
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 3 Chlormefos	68.19	29.35	43.05*	59-112
$ 34 Triphenyl phosphat	68.19	35.49	52.05	50-150


Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\013F1301.D
Date : 13-JUL-2009 21:46
Client ID: SA106-0.5B
Sample Info: LF1T81AA,222-1
Column phase: RTx-OPPest
Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32
\\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\013F1301.D
Y (x10^5)
Min
-Chlormefos
-Tributylphosphate
-Simazine
-Atrazine
-Propazine
-Demeton-S
-Merphos-A (Merphos)
-Trichloronate
-Malathion
-Parathion
-Triphenyl phosphate
TOCP

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\014F1401.D
Lab Smp Id: LF1T81AD Client Smp ID: SA106-0.5B MS
Inj Date : 13-JUL-2009 22:13
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LF1T81AD,222-1S
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Meth Date : 14-Jul-2009 09:02 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 14 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Ws	29.620	Weight of Sample extracted (g)
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
1	o,o,o-TEPT	3.167	3.163	(0.178)	184422	0.89757	60.60
2	Dichlorvos	4.005	4.002	(0.225)	117591	0.92164	62.23(R)
3	Mevinphos	5.665	5.670	(0.319)	14662	0.20920	14.12(R)
S 4	Chlormefos	5.747	5.745	(0.323)	91342	0.57170	38.60(R)
5	Thionazin	7.408	7.407	(0.417)	191259	1.31169	88.57
6	Demeton-O	7.545	7.542	(0.424)	145862	1.05067	70.94
7	Ethoprop	7.752	7.753	(0.436)	172033	1.34635	90.91
8	Naled	7.952	7.952	(0.447)	39925	1.34832	91.04
* 9	Tributylphosphate	8.033	8.072	(1.000)	203417	2.00000	
10	Sulfotepp	8.333	8.327	(0.469)	234780	1.25197	84.54(R)
11	Phorate	8.423	8.417	(0.474)	137348	1.03793	70.08(R)
12	Dimethoate	Compound Not Detected.					
13	Demeton-S	8.757	8.747	(0.493)	99180	0.88975	60.08
14	Simazine	8.867	8.815	(0.499)	50704	1.03047	69.58(M)
15	Atrazine	9.028	8.983	(0.508)	62386	1.04664	70.67(M)
16	propazine	Compound Not Detected.					
17	Disulfoton	9.748	9.743	(0.548)	121561	1.34015	90.49
18	Diazinon	9.787	9.782	(0.551)	179715	1.26428	85.37
19	Methyl Parathion	10.597	10.588	(0.596)	159217	1.76616	119.2
20	Ronnel	11.118	11.108	(0.626)	133453	1.43211	96.70
21	Malathion	11.677	11.665	(0.657)	106516	1.23517	83.40(R)
22	Fenthion	11.808	11.792	(0.664)	131602	1.43609	96.97

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	23 Parathion	11.895	11.877	(0.669)	150275	1.54085	104.0
	24 Chlorpyrifos	11.938	11.925	(0.672)	160516	1.36037	91.85
	25 Trichloronate	12.375	12.345	(0.696)	132579	1.25718	84.89
	26 Anilazine	12.675	12.663	(0.713)	1359	0.21145	14.28(R)
	27 Merphos-A (Merphos)	13.057	13.038	(0.735)	139	0.00158	0.1067
	28 Tetrachlorvinphos (Stirophos)	13.687	13.667	(0.770)	93113	1.59231	107.5
	29 Tokuthion	14.293	14.278	(0.804)	147247	1.45655	98.35
	30 Merphos-B (Merphos Oxone)	14.500	14.490	(0.816)	139845	5.89772	398.2(A)
	31 Carbophenothion-methyl	15.082	15.058	(0.848)	123285	1.56166	105.4
	32 Fensulfothion	15.243	15.205	(0.858)	53023	0.70690	47.73(RM)
	33 Bolstar / Famphur	15.942	15.930	(0.897)	256465	2.65182	179.0
	34 Carbophenothion	16.092	16.075	(0.905)	132091	1.36142	91.92
$	35 Triphenyl phosphate	16.628	16.615	(0.935)	58121	0.78827	53.22
	36 Phosmet	16.885	16.868	(0.950)	119468	1.43857	97.14
	37 EPN	17.072	17.058	(0.960)	138553	1.75404	118.4
	38 Azinphos-methyl	17.410	17.392	(0.979)	125777	1.42132	95.97
*	39 TOCP	17.775	17.767	(1.000)	145836	2.00000	
	40 Azinphos-ethyl	17.858	17.843	(1.005)	159010	1.57718	106.5
	41 Coumaphos	18.307	18.290	(1.030)	119762	1.67792	113.3
S	42 Merphos				139984	1.25973	85.06
M	43 Total Demeton				245042	1.94042	131.0

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 014F1401.D
Lab Smp Id: LF1T81AD
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 13-JUL-2009
Calibration Time: 20:24
Client Smp ID: SA106-0.5B MS
Level: LOW
Sample Type: SOIL

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	214729	107365	429458	203417	-5.27
39 TOCP	132142	66071	264284	145836	10.36

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.05	7.55	8.55	8.03	-0.15
39 TOCP	17.77	17.27	18.27	17.78	0.05

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name: Northgate Environmen02-JUL-2009 00:00 Client SDG: 8304610
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LF1T81AD Client Smp ID: SA106-0.5B MS
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: MS
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Misc Info: IS - GSV0633-09

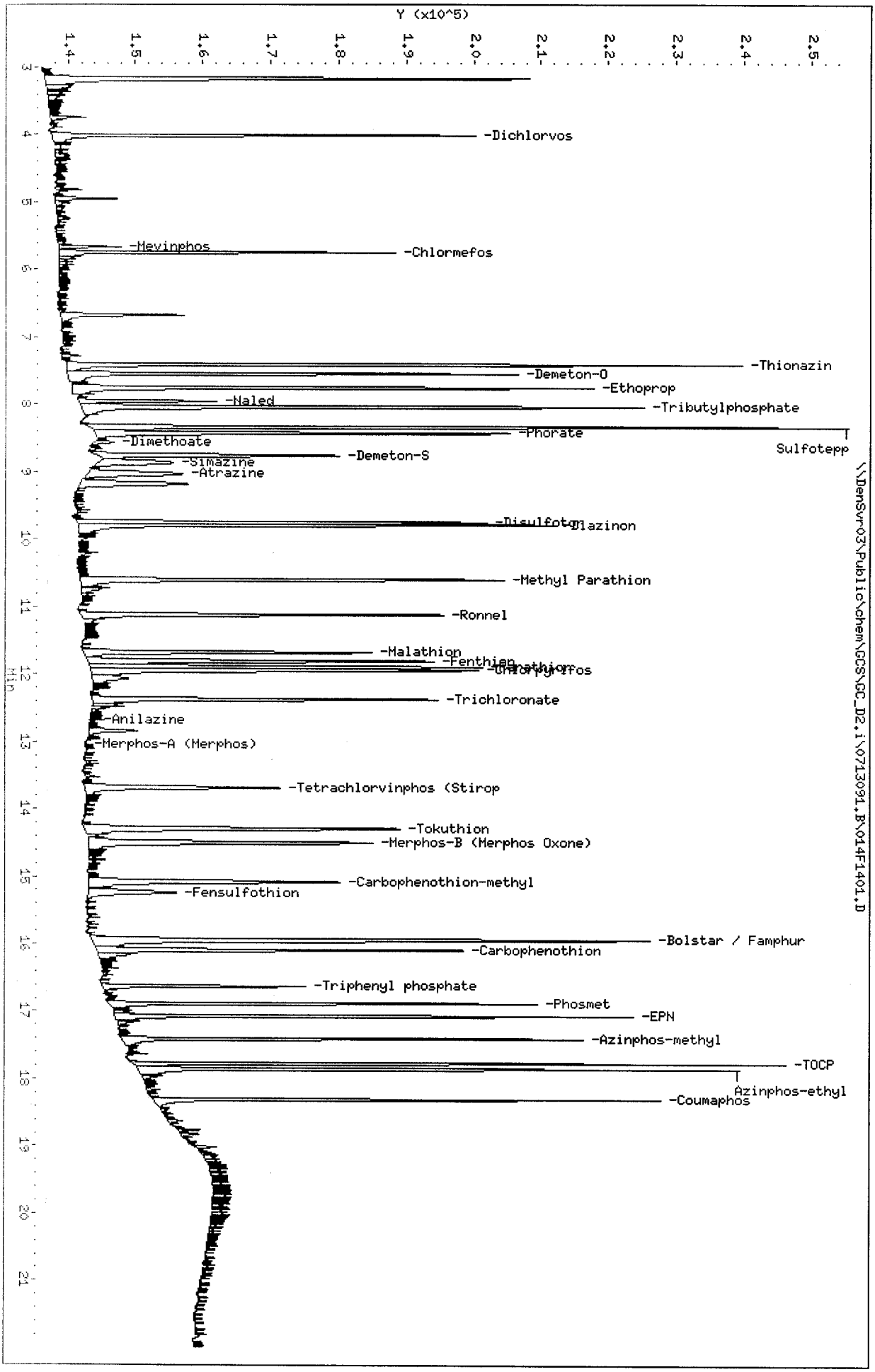
		SPIKE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
	1	o,o,o-TEPT	135.0	60.60	44.88	36-119
	2	Dichlorvos	135.0	62.23	46.08*	50-120
	3	Mevinphos	135.0	14.12	10.46*	35-108
$	4	Chlormefos	67.52	38.60	57.17	48-114
	5	Thionazin	135.0	88.57	65.58	65-116
	7	Ethoprop	135.0	90.91	67.32	65-108
	8	Naled	135.0	91.04	67.42	36-119
	10	Sulfotepp	135.0	84.54	62.60*	69-103
	11	Phorate	135.0	70.08	51.90*	62-104
	12	Dimethoate	135.0	0.0000	*	28-115
	14	Simazine	135.0	69.58	51.52	47-109
	15	Atrazine	135.0	70.67	52.33	36-119
	16	propazine	135.0	0.0000	*	36-119
	17	Disulfoton	135.0	90.49	67.01	36-119
	18	Diazinon	135.0	85.37	63.21	36-119
	19	Methyl Parathion	135.0	119.2	88.31	68-119
	20	Ronnel	135.0	96.70	71.61	62-115
	21	Malathion	135.0	83.40	61.76*	67-115
	22	Fenthion	135.0	96.97	71.80	36-119
	23	Parathion	135.0	104.0	77.04	36-119
	24	Chlorpyrifos	135.0	91.85	68.02	36-119
	25	Trichloronate	135.0	84.89	62.86	36-119
	26	Anilazine	135.0	14.28	10.57*	47-115
	28	Tetrachlorvinphos	135.0	107.5	79.62	36-119
	29	Tokuthion	135.0	98.35	72.83	36-119
	31	Carbophenothion-me	135.0	105.4	78.08	36-119
	32	Fensulfothion	135.0	47.73	35.34*	61-115
	33	Bolstar / Famphur	270.1	179.0	66.30	36-119
	34	Carbophenothion	135.0	91.92	68.07	36-119
$	35	Triphenyl phosphat	67.52	53.22	78.83	50-150
	36	Phosmet	135.0	97.14	71.93	36-119
	37	EPN	135.0	118.4	87.70	36-119
	38	Azinphos-methyl	135.0	95.97	71.07	55-115
	40	Azinphos-ethyl	135.0	106.5	78.86	36-119
	41	Coumaphos	135.0	113.3	83.90	62-115
S	42	Merphos	135.0	85.06	62.99	36-119
M	43	Total Demeton	135.0	131.0	97.02	47-115

TestAmerica

RECOVERY REPORT

Client Name: Northgate Environmen02-JUL-2009 00:00 Client SDG: 8304610
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LF1T81AD Client Smp ID: SA106-0.5B MS
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: MS
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Misc Info: IS - GSV0633-09

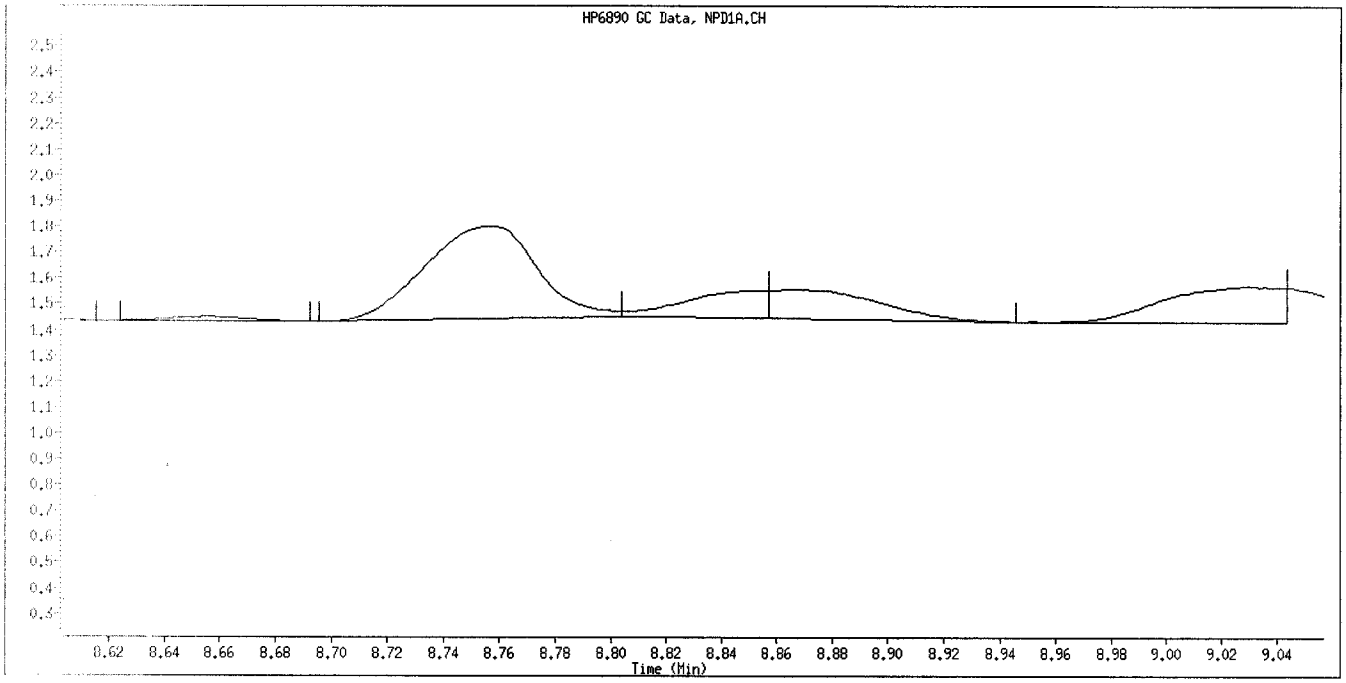
SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 4 Chlormefos	68.19	38.60	57.17*	59-112
$ 35 Triphenyl phosphat	68.19	53.22	78.83	50-150



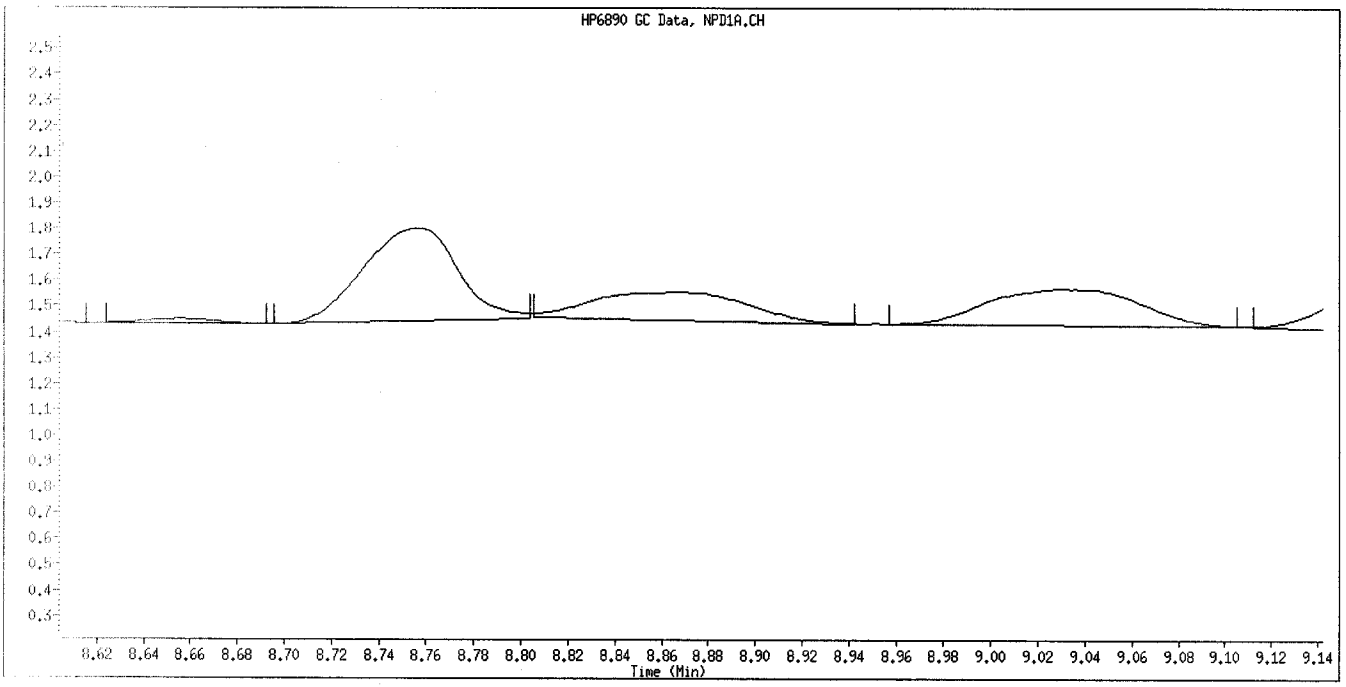
Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\071309i.B\014F1401.D
Date : 13-JUL-2009 22:13
Client ID: SA106-0.5B MS
Sample Info: LF1T81AD,222-1S
Column phase: RTx-1MS

Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

Data File Name: 014F1401.D
Inj. Date and Time: 13-JUL-2009 22:13
Instrument ID: GC_D2.i
Client ID: SA106-0.5B MS
Compound Name: Simazine
CAS #:
Report Date: 07/14/2009



Original Integration

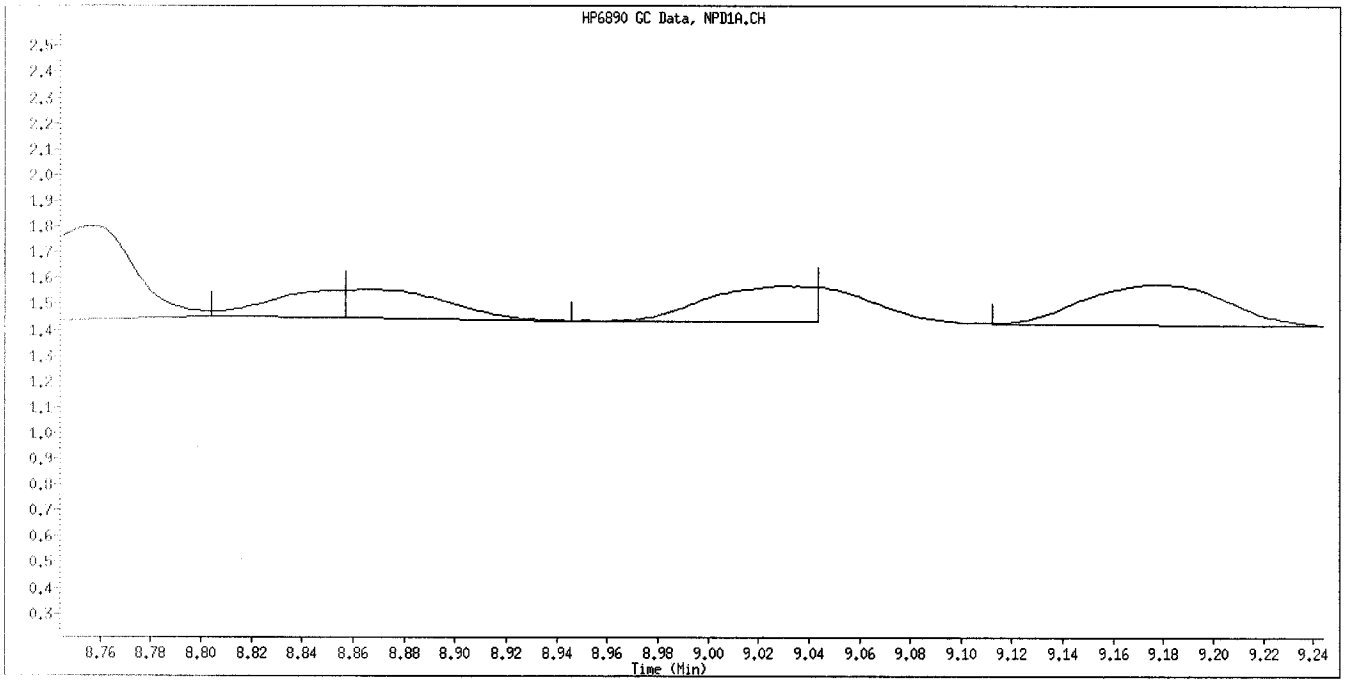


Manual Integration

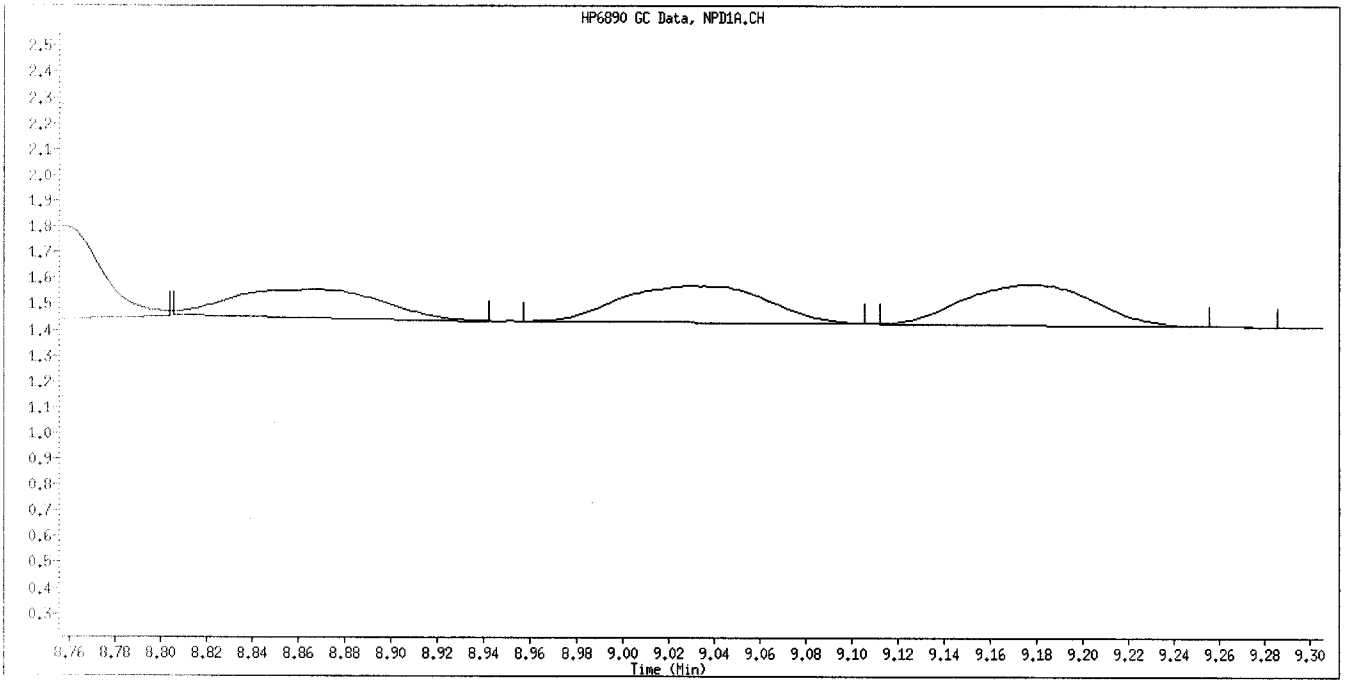
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

7/14/09

Data File Name: 014F1401.D
Inj. Date and Time: 13-JUL-2009 22:13
Instrument ID: GC_D2.i
Client ID: SA106-0.5B MS
Compound Name: Atrazine
CAS #:
Report Date: 07/14/2009



Original Integration

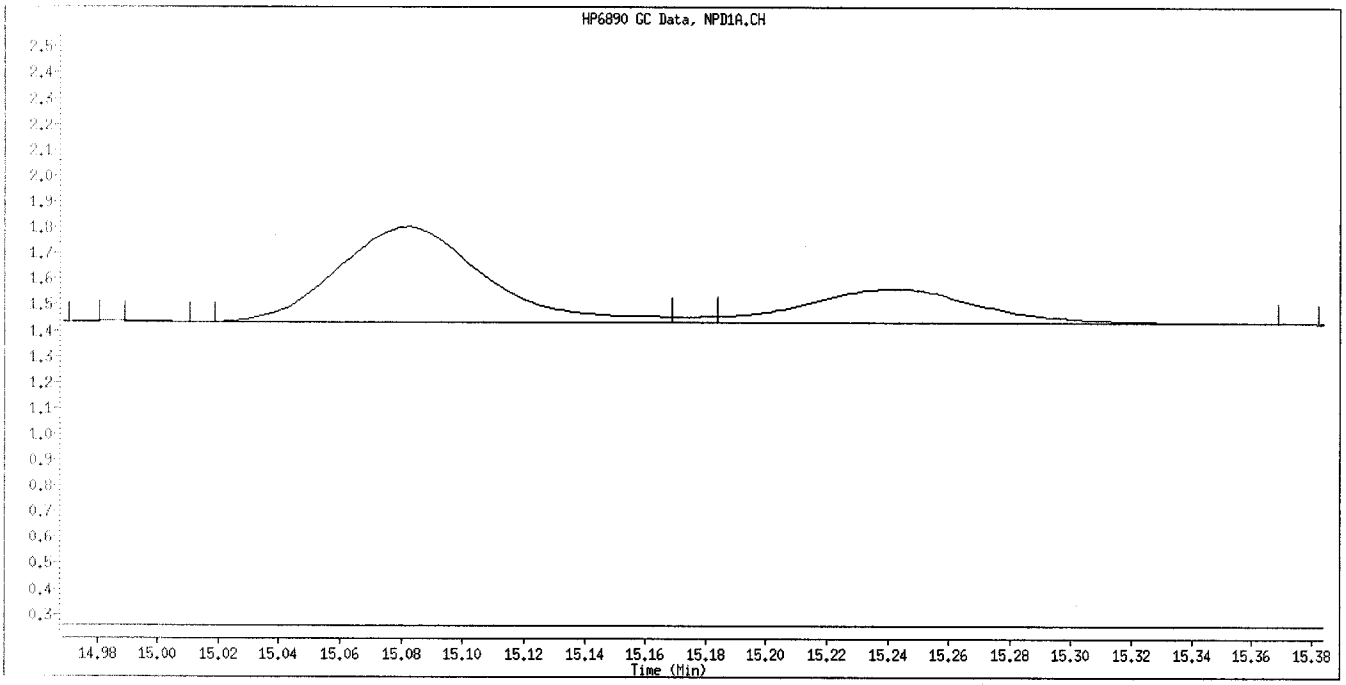


Manual Integration

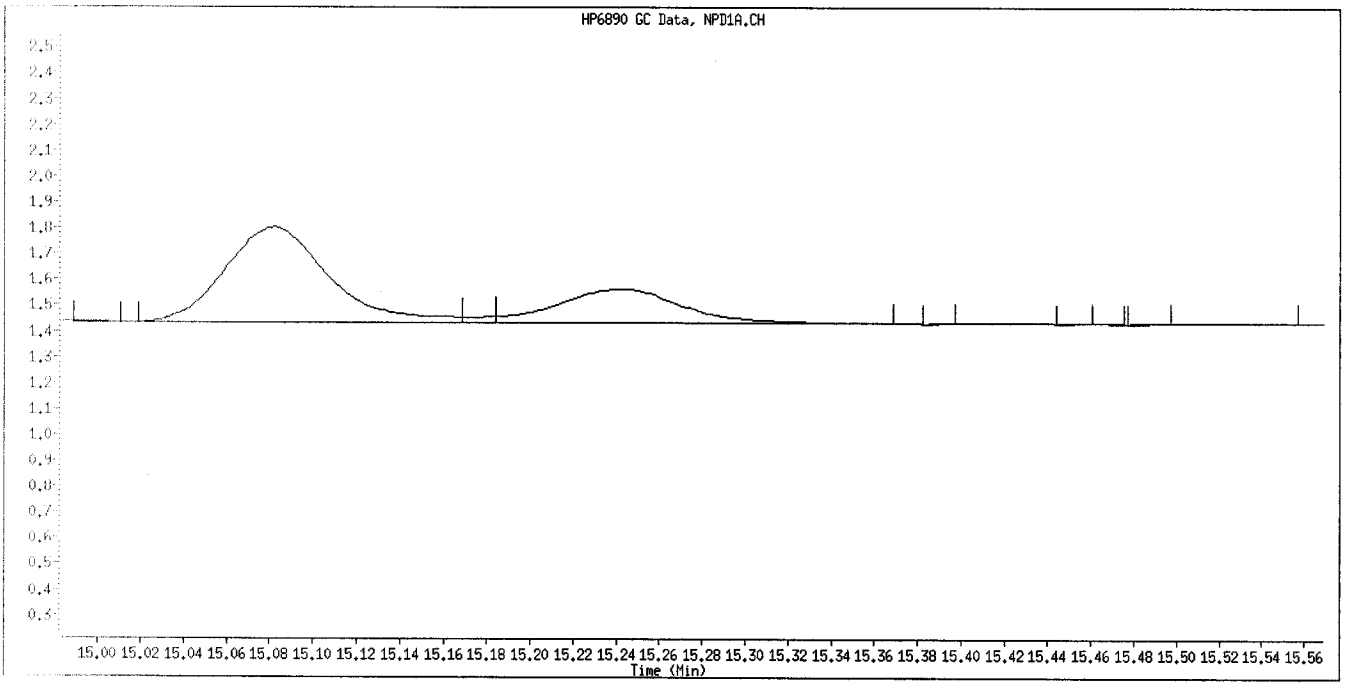
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

7/14/09

Data File Name: 014F1401.D
Inj. Date and Time: 13-JUL-2009 22:13
Instrument ID: GC_D2.i
Client ID: SA106-0.5B MS
Compound Name: Fensulfothion
CAS #:
Report Date: 07/14/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Analyte Misidentified by the Data System

7/14/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\014F1401.D
Lab Smp Id: LF1T81AD Client Smp ID: SA106-0.5B MS
Inj Date : 13-JUL-2009 22:13
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LF1T81AD,222-1S
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Meth Date : 14-Jul-2009 08:59 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 14 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Ws	29.620	Weight of Sample extracted (g)
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
1	o,o,o-TEPT	4.647	4.647	(0.248)	155859	0.85107	57.46
2	Dichlorvos	6.454	6.452	(0.344)	129256	0.90391	61.03(R)
$ 3	Chlormefos	7.282	7.280	(0.388)	79444	0.55189	37.26(RR)
4	Mevinphos	9.122	9.120	(0.486)	17998	0.18685	12.62(R)
5	Demeton-O	9.614	9.610	(0.513)	137248	1.49527	101.0
6	Thionazin	9.862	9.860	(0.526)	165551	1.14928	77.60(R)
7	Ethoprop	10.377	10.377	(0.553)	144323	1.34085	90.54
8	Phorate	10.409	10.404	(0.555)	122703	0.98306	66.38
9	Naled	10.812	10.809	(0.577)	34520	1.26225	85.23
10	Sulfotepp	10.890	10.885	(0.581)	205036	1.08915	73.54(A)
* 11	Tributylphosphate	11.000	11.010	(1.000)	176261	2.00000	
12	Simazine	11.295	11.269	(0.602)	37095	1.37581	92.90(A)
13	Diazinon	11.414	11.407	(0.609)	126576	1.26693	85.54
14	Atrazine	11.479	11.449	(0.612)	51634	1.10700	74.75(A)
15	Propazine	11.639	11.612	(0.621)	46387	1.02111	68.95
16	Disulfoton	11.909	11.904	(0.635)	117818	1.18674	80.13(R)
17	Demeton-S	11.992	11.989	(0.640)	9175	0.19239	12.99(R)
18	Dimethoate	Compound Not Detected.					
19	Ronnel	13.430	13.424	(0.716)	118680	1.32512	89.47
20	Merphos-A (Merphos)	13.517	13.520	(1.229)	79	0.00124	0.08352(aA)
21	Chlorpyrifos	14.247	14.239	(0.760)	117039	1.28840	87.00(R)
22	Fenthion	14.500	14.490	(0.773)	105403	1.25101	84.47

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	23 Trichloronate	14.542	14.534	(0.775)	117334	1.05856	71.48
	24 Anilazine	Compound Not Detected.					
	25 Methyl Parathion	15.364	15.359	(0.819)	130613	1.43593	96.96
	26 Malathion	15.589	15.584	(0.831)	90136	1.05778	71.42
	27 Tokuthion	16.237	16.229	(0.866)	128175	1.28470	86.74
	28 Parathion	16.387	16.382	(0.874)	124673	1.39097	93.92
	29 Merphos-B (Merphos Oxone)	16.422	16.407	(1.493)	121180	6.24504	421.7(A)
	30 Tetrachlorvinphos (stirophos)	16.887	16.882	(0.901)	95385	1.64513	111.1
	31 Carbophenothion methyl	16.990	16.984	(0.906)	113556	1.36642	92.26
	32 Bolstar	17.357	17.352	(0.926)	122170	1.39561	94.23
	33 Carbophenothion	17.440	17.434	(0.930)	117746	1.36789	92.36(A)
S	34 Triphenyl phosphate	18.207	18.202	(0.971)	52392	0.74172	50.08
	35 Fensulfothion	18.489	18.484	(0.986)	39165	0.60387	40.77
*	36 TOCP	18.752	18.747	(1.000)	141585	2.00000	
	37 Phosmet / EPN	18.842	18.839	(1.005)	237557	3.25316	219.6
	38 Famphur	18.944	18.942	(1.010)	100381	1.08095	72.99(R)
	39 Azinphos-methyl	19.082	19.079	(1.018)	108072	1.27218	85.90
	40 Azinphos-ethyl	19.295	19.294	(1.029)	109775	1.35682	91.61
	41 Coumaphos	20.250	20.247	(1.080)	94190	1.51416	102.2
S	42 Merphos				121259	1.02764	69.39
M	43 Total Demeton				146423	1.68766	114.0

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 014F1401.D
Lab Smp Id: LF1T81AD
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Misc Info:

Calibration Date: 13-JUL-2009
Calibration Time: 20:24
Client Smp ID: SA106-0.5B MS
Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	183814	91907	367628	176261	-4.11
36 TOCP	117580	58790	235160	141585	20.42

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.00	10.50	11.50	11.00	-0.02
36 TOCP	18.75	18.25	19.25	18.75	0.02

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name: Northgate Environmen02-JUL-2009 00:00 Client SDG: 8304610
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LF1T81AD Client Smp ID: SA106-0.5B MS
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: MS
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Misc Info:

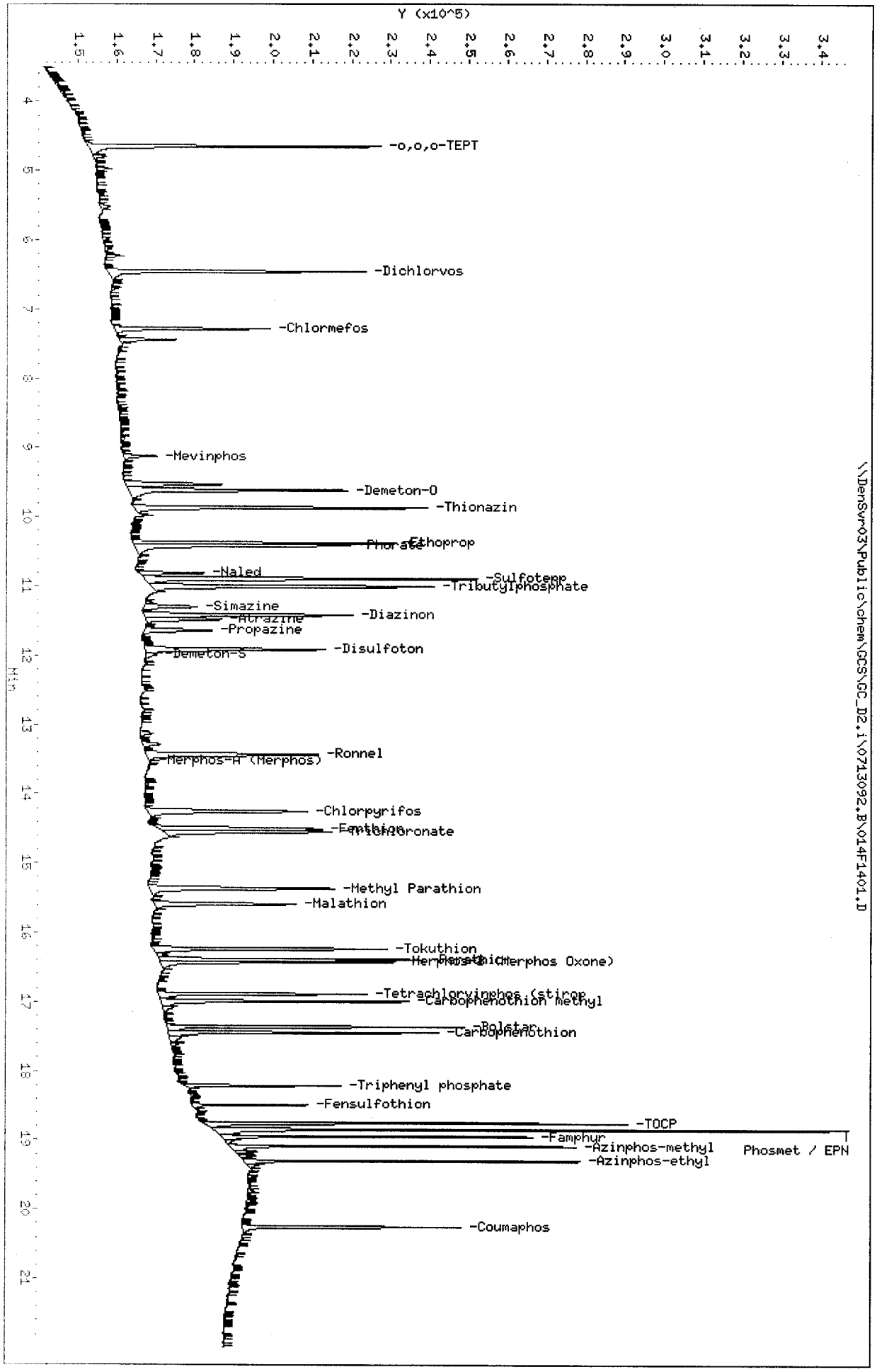
	SPIKE	COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
	1	o,o,o-TEPT	135.0	57.46	42.55	36-119
	2	Dichlorvos	135.0	61.03	45.20*	50-120
$	3	Chlormefos	67.52	37.26	55.19*	58-114
	4	Mevinphos	135.0	12.62	9.34*	35-108
	5	Demeton-O	94.53	101.0	106.80	36-119
	6	Thionazin	135.0	77.60	57.46*	65-116
	7	Ethoprop	135.0	90.54	67.04	36-119
	8	Phorate	135.0	66.38	49.15	36-119
	9	Naled	135.0	85.23	63.11	36-119
	10	Sulfotepp	135.0	73.54	54.46	36-119
	12	Simazine	135.0	92.90	68.79	36-119
	13	Diazinon	135.0	85.54	63.35	36-119
	14	Atrazine	135.0	74.75	55.35	36-119
	15	Propazine	135.0	68.95	51.06	36-119
	16	Disulfoton	135.0	80.13	59.34*	61-103
	17	Demeton-S	40.51	12.99	32.06*	36-119
	18	Dimethoate	135.0	0.0000	*	28-82
	19	Ronnel	135.0	89.47	66.26	62-99
	21	Chlorpyrifos	135.0	87.00	64.42*	66-101
	22	Fenthion	135.0	84.47	62.55	36-119
	23	Trichloronate	135.0	71.48	52.93	36-119
	24	Anilazine	135.0	0.0000	*	36-119
	25	Methyl Parathion	135.0	96.96	71.80	36-119
	26	Malathion	135.0	71.42	52.89	36-119
	27	Tokuthion	135.0	86.74	64.24	36-119
	28	Parathion	135.0	93.92	69.55	36-119
	30	Tetrachlorvinphos	135.0	111.1	82.26	36-119
	31	Carbophenothion me	135.0	92.26	68.32	36-119
	32	Bolstar	135.0	94.23	69.78	36-119
	33	Carbophenothion	135.0	92.36	68.39	36-119
$	34	Triphenyl phosphat	67.52	50.08	74.17	36-119
	35	Fensulfothion	135.0	40.77	30.19	20-105
	37	Phosmet / EPN	270.1	219.6	81.33	36-119
	38	Famphur	135.0	72.99	54.05*	61-108
	39	Azinphos-methyl	135.0	85.90	63.61	55-103
	40	Azinphos-ethyl	135.0	91.61	67.84	36-119
	41	Coumaphos	135.0	102.2	75.71	36-119
S	42	Merphos	135.0	69.39	51.38	36-119
M	43	Total Demeton	135.0	114.0	84.38	47-100

TestAmerica

RECOVERY REPORT

Client Name: Northgate Environmen02-JUL-2009 00:00 Client SDG: 8304610
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LF1T81AD Client Smp ID: SA106-0.5B MS
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: MS
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 3 Chlormefos	68.19	37.26	55.19*	59-112
$ 34 Triphenyl phosphat	68.19	50.08	74.17	50-150



Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\014F1401.D
Date : 13-JUL-2009 22:13
Client ID: SA106-0.5B MS
Sample Info: LF1T81AD,222-1S
Column phase: RTx-OPPest

Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\015F1501.D
Lab Smp Id: LF1T81AE Client Smp ID: SA106-0.5B MSD
Inj Date : 13-JUL-2009 22:41
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LF1T81AE,222-1D
Misc Info : IS - GSV0633-09
Comment   :
Method   : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Meth Date : 14-Jul-2009 09:02 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 15 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Ws	29.430	Weight of Sample extracted (g)
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	1 o,o,o-TEPT	3.166	3.163	(0.178)	166295	0.74879	50.88
	2 Dichlorvos	4.006	4.002	(0.225)	71636	0.51944	35.30(R)
	3 Mevinphos	5.665	5.670	(0.319)	5832	0.07698	5.232(R)
$	4 Chlormefos	5.748	5.745	(0.323)	82011	0.47488	32.27(RR)
	5 Thionazin	7.408	7.407	(0.417)	160236	1.01669	69.09(R)
	6 Demeton-O	7.545	7.542	(0.424)	110824	0.73089	49.67
	7 Ethoprop	7.753	7.753	(0.436)	142811	1.03401	70.27(R)
	8 Naled	7.953	7.952	(0.447)	26906	0.91319	62.06
*	9 Tributylphosphate	8.033	8.072	(1.000)	223267	2.00000	
	10 Sulfotepp	8.333	8.327	(0.469)	206807	1.00744	68.46(R)
	11 Phorate	8.423	8.417	(0.474)	115005	0.80405	54.64(R)
	12 Dimethoate	Compound Not Detected.					
	13 Demeton-S	8.753	8.747	(0.492)	78147	0.64860	44.08
	14 Simazine	8.853	8.815	(0.498)	37361	0.72787	49.46(RM)
	15 Atrazine	9.043	8.983	(0.509)	47257	0.73350	49.85(M)
	16 propazine	9.180	9.127	(0.516)	48000	0.80745	54.87(M)
	17 Disulfoton	9.748	9.743	(0.548)	91212	0.91853	62.42
	18 Diazinon	9.788	9.782	(0.551)	147158	0.95778	65.09
	19 Methyl Parathion	10.598	10.588	(0.596)	121821	1.25021	84.96(R)
	20 Ronnel	11.118	11.108	(0.625)	115214	1.14386	77.73(R)
	21 Malathion	11.676	11.665	(0.657)	87299	0.92658	62.97(R)
	22 Fenthion	11.805	11.792	(0.664)	108285	1.09322	74.29

						CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
	Compounds	RT	EXP RT	REL RT	RESPONSE		
	23 Parathion	11.895	11.877	(0.669)	127127	1.20596	81.95
	24 Chlorpyrifos	11.941	11.925	(0.672)	139184	1.09131	74.16
	25 Trichloronate	12.373	12.345	(0.696)	117710	1.03266	70.18
	26 Anilazine	12.666	12.663	(0.713)	268	0.07326	4.979(R)
	27 Merphos-A (Merphos)	13.050	13.038	(0.734)	166	0.00175	0.1186
	28 Tetrachlorvinphos (Stirophos)	13.685	13.667	(0.770)	68962	1.09106	74.14
	29 Tokuthion	14.295	14.278	(0.804)	130234	1.19186	81.00
	30 Merphos-B (Merphos Oxone)	14.501	14.490	(0.816)	121751	4.75447	323.1
	31 Carbophenothion-methyl	15.080	15.058	(0.848)	106969	1.24037	84.29
	32 Fensulfothion	15.236	15.205	(0.857)	20886	0.31771	21.59(R)
	33 Bolstar / Famphur	15.940	15.930	(0.897)	175852	1.68223	114.3
	34 Carbophenothion	16.091	16.075	(0.905)	110439	1.05308	71.56
$	35 Triphenyl phosphate	16.628	16.615	(0.935)	46681	0.58574	39.80
	36 Phosmet	16.885	16.868	(0.950)	80130	0.89268	60.66
	37 EPN	17.071	17.058	(0.960)	112651	1.33158	90.49
	38 Azinphos-methyl	17.408	17.392	(0.979)	81421	0.85123	57.85(R)
*	39 TOCP	17.776	17.767	(1.000)	157632	2.00000	
	40 Azinphos-ethyl	17.856	17.843	(1.004)	117986	1.03624	70.42
	41 Coumaphos	18.305	18.290	(1.030)	89309	1.15763	78.67(R)
S	42 Merphos				121917	1.01504	68.98
M	43 Total Demeton				188971	1.37950	93.75

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 015F1501.D
Lab Smp Id: LF1T81AE
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 13-JUL-2009
Calibration Time: 20:24
Client Smp ID: SA106-0.5B MSD
Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	214729	107365	429458	223267	3.98
39 TOCP	132142	66071	264284	157632	19.29

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.05	7.55	8.55	8.03	-0.15
39 TOCP	17.77	17.27	18.27	17.78	0.06

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name: Northgate Environmen02-JUL-2009 00:00 Client SDG: 8304610
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LF1T81AE Client Smp ID: SA106-0.5B MSD
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: MSD
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Misc Info: IS - GSV0633-09

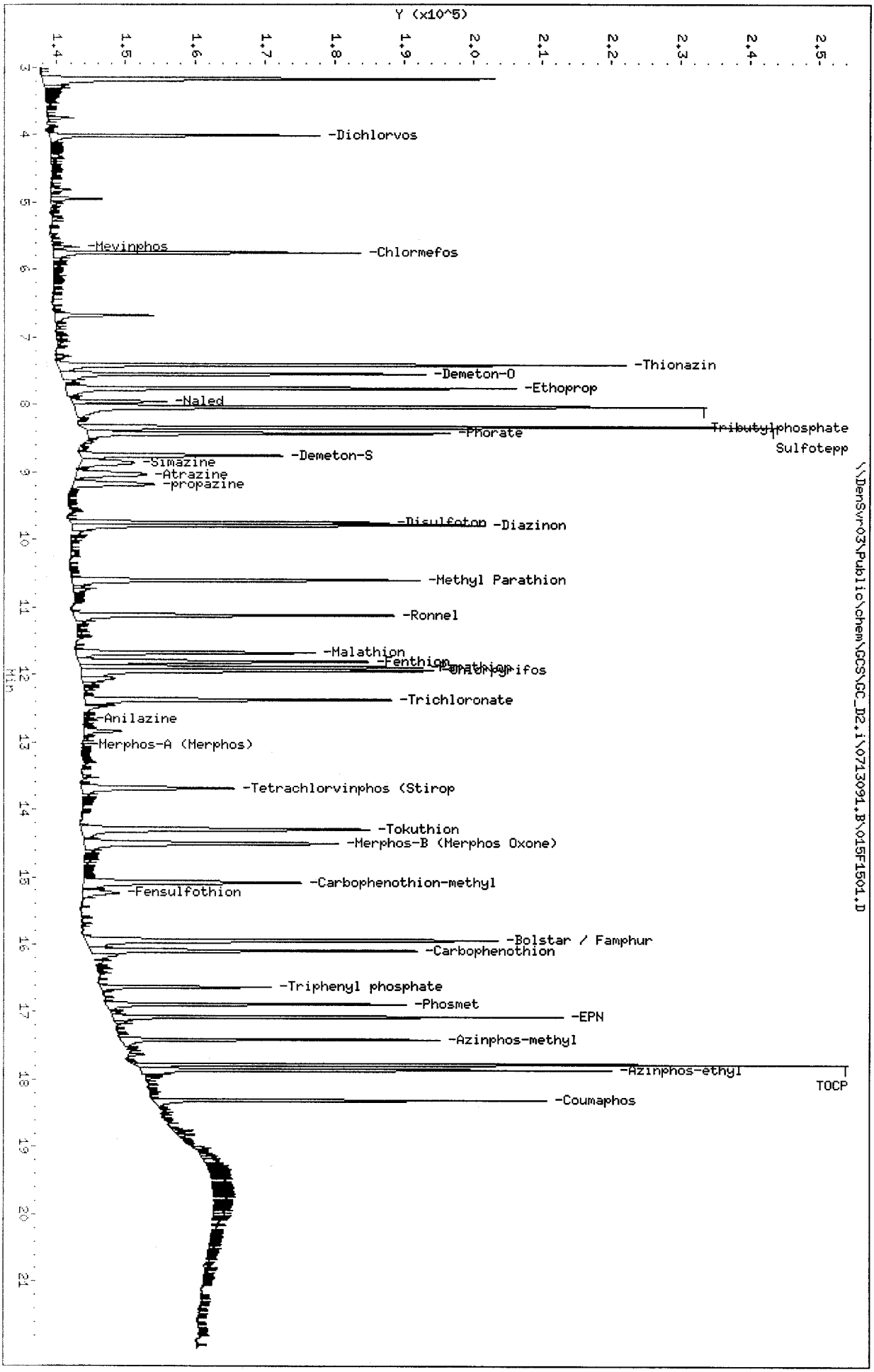
	SPIKE	COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
	1	o,o,o-TEPT	135.9	50.88	37.44	36-119
	2	Dichlorvos	135.9	35.30	25.97*	50-120
	3	Mevinphos	135.9	5.232	3.85*	35-108
$	4	Chlormefos	67.96	32.27	47.49*	48-114
	5	Thionazin	135.9	69.09	50.83*	65-116
	7	Ethoprop	135.9	70.27	51.70*	65-108
	8	Naled	135.9	62.06	45.66	36-119
	10	Sulfotepp	135.9	68.46	50.37*	69-103
	11	Phorate	135.9	54.64	40.20*	62-104
	12	Dimethoate	135.9	0.0000	*	28-115
	14	Simazine	135.9	49.46	36.39*	47-109
	15	Atrazine	135.9	49.85	36.67	36-119
	16	propazine	135.9	54.87	40.37	36-119
	17	Disulfoton	135.9	62.42	45.93	36-119
	18	Diazinon	135.9	65.09	47.89	36-119
	19	Methyl Parathion	135.9	84.96	62.51*	68-119
	20	Ronnel	135.9	77.73	57.19*	62-115
	21	Malathion	135.9	62.97	46.33*	67-115
	22	Fenthion	135.9	74.29	54.66	36-119
	23	Parathion	135.9	81.95	60.30	36-119
	24	Chlorpyrifos	135.9	74.16	54.57	36-119
	25	Trichloronate	135.9	70.18	51.63	36-119
	26	Anilazine	135.9	4.979	3.66*	47-115
	28	Tetrachlorvinphos	135.9	74.14	54.55	36-119
	29	Tokuthion	135.9	81.00	59.59	36-119
	31	Carbophenothion-me	135.9	84.29	62.02	36-119
	32	Fensulfothion	135.9	21.59	15.89*	61-115
	33	Bolstar / Famphur	271.8	114.3	42.06	36-119
	34	Carbophenothion	135.9	71.56	52.65	36-119
$	35	Triphenyl phosphat	67.96	39.80	58.57	50-150
	36	Phosmet	135.9	60.66	44.63	36-119
	37	EPN	135.9	90.49	66.58	36-119
	38	Azinphos-methyl	135.9	57.85	42.56*	55-115
	40	Azinphos-ethyl	135.9	70.42	51.81	36-119
	41	Coumaphos	135.9	78.67	57.88*	62-115
S	42	Merphos	135.9	68.98	50.75	36-119
M	43	Total Demeton	135.9	93.75	68.97	47-115

TestAmerica

RECOVERY REPORT

Client Name: Northgate Environmen02-JUL-2009 00:00 Client SDG: 8304610
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LF1T81AE Client Smp ID: SA106-0.5B MSD
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: MSD
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Misc Info: IS - GSV0633-09

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 4 Chlormefos	68.19	32.27	47.49*	59-112
$ 35 Triphenyl phosphat	68.19	39.80	58.57	50-150



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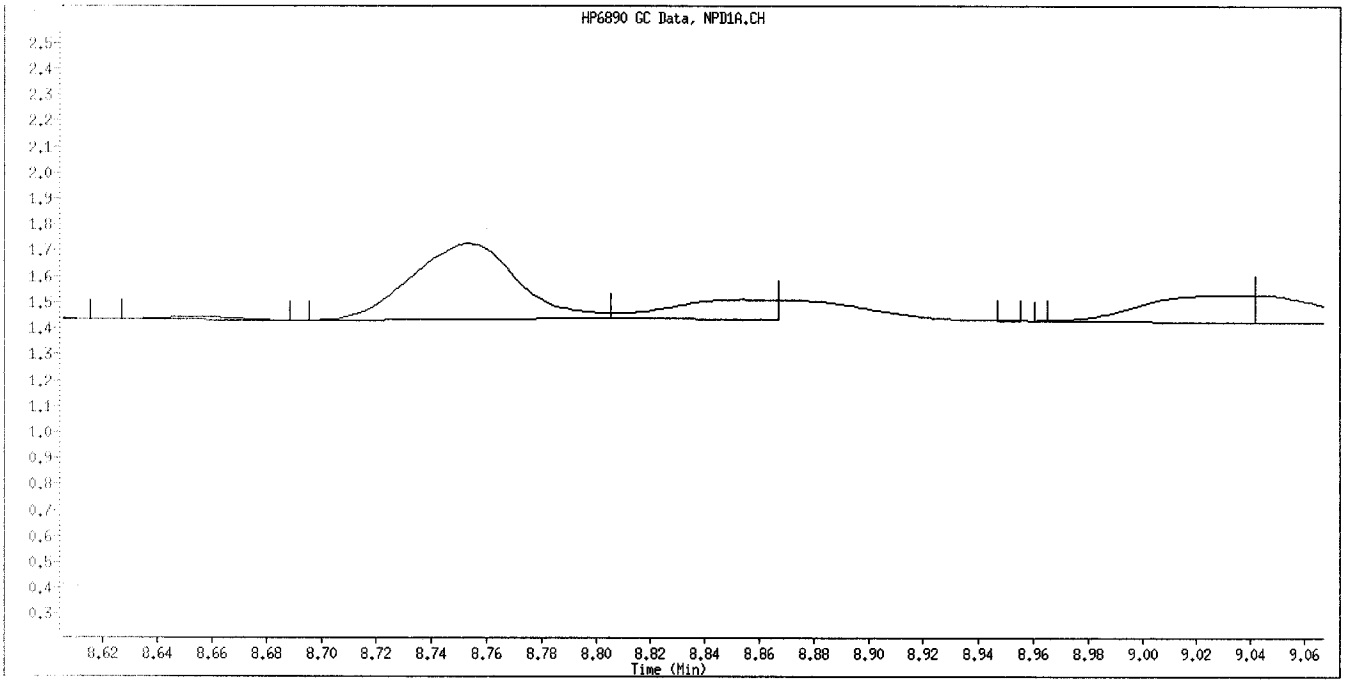
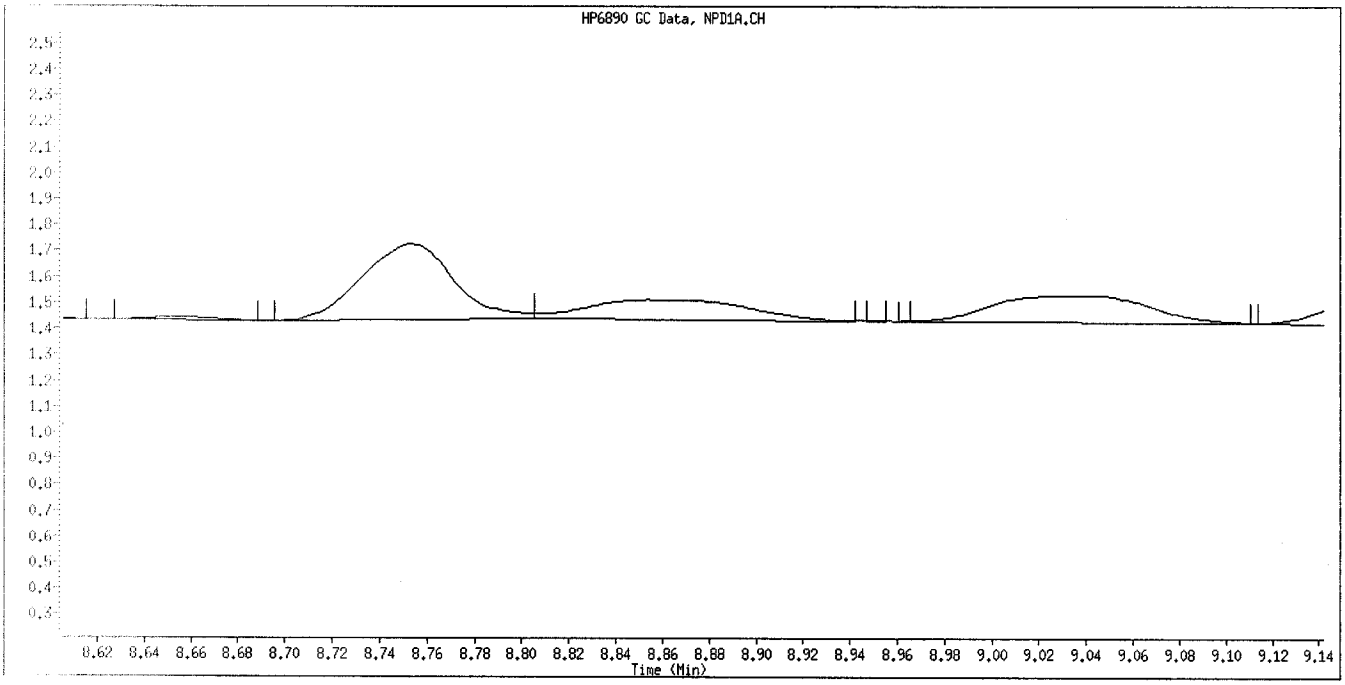
Date : 13-JUL-2009 22:41
Client ID: SA106-0.5B MSD
Sample Info: LF1T81AE,222-1D
Column phase: RTx-1MS

Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

Data File Name: 015F1501.D
Inj. Date and Time: 13-JUL-2009 22:41
Instrument ID: GC_D2.i
Client ID: SA106-0.5B MSD
Compound Name: Simazine
CAS #:
Report Date: 07/14/2009



Original Integration

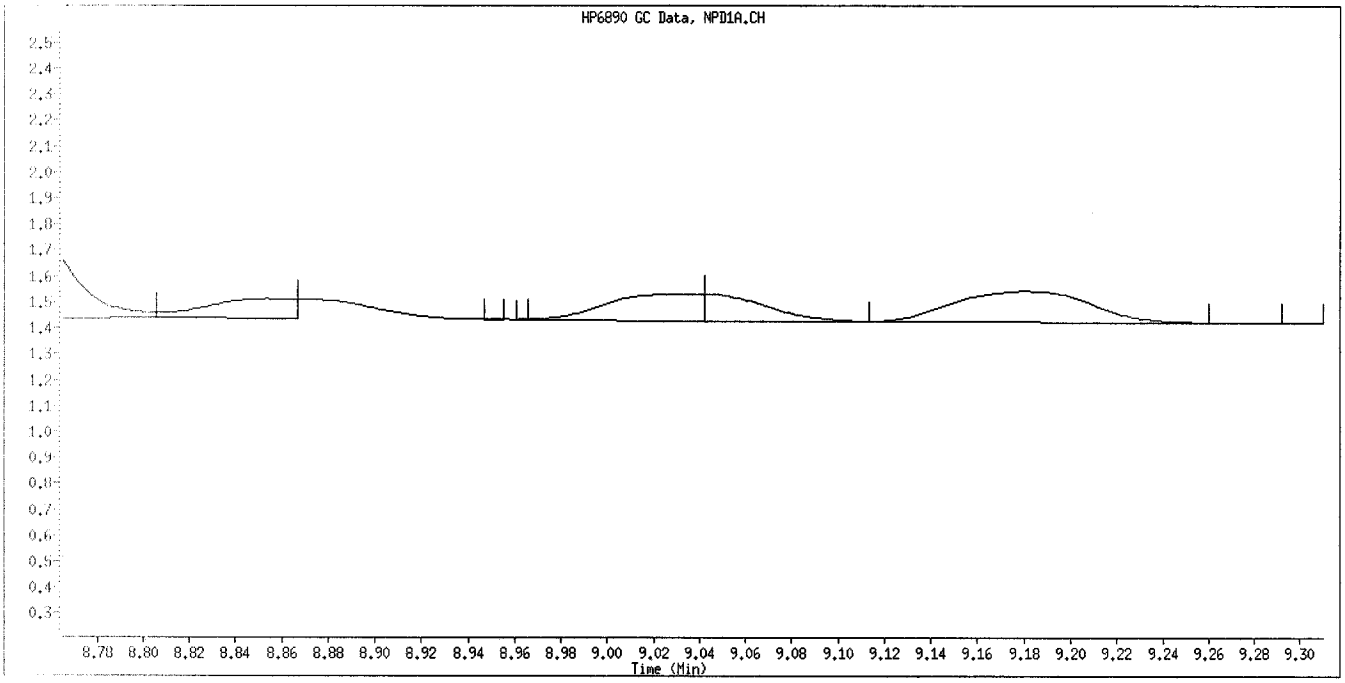


Manual Integration

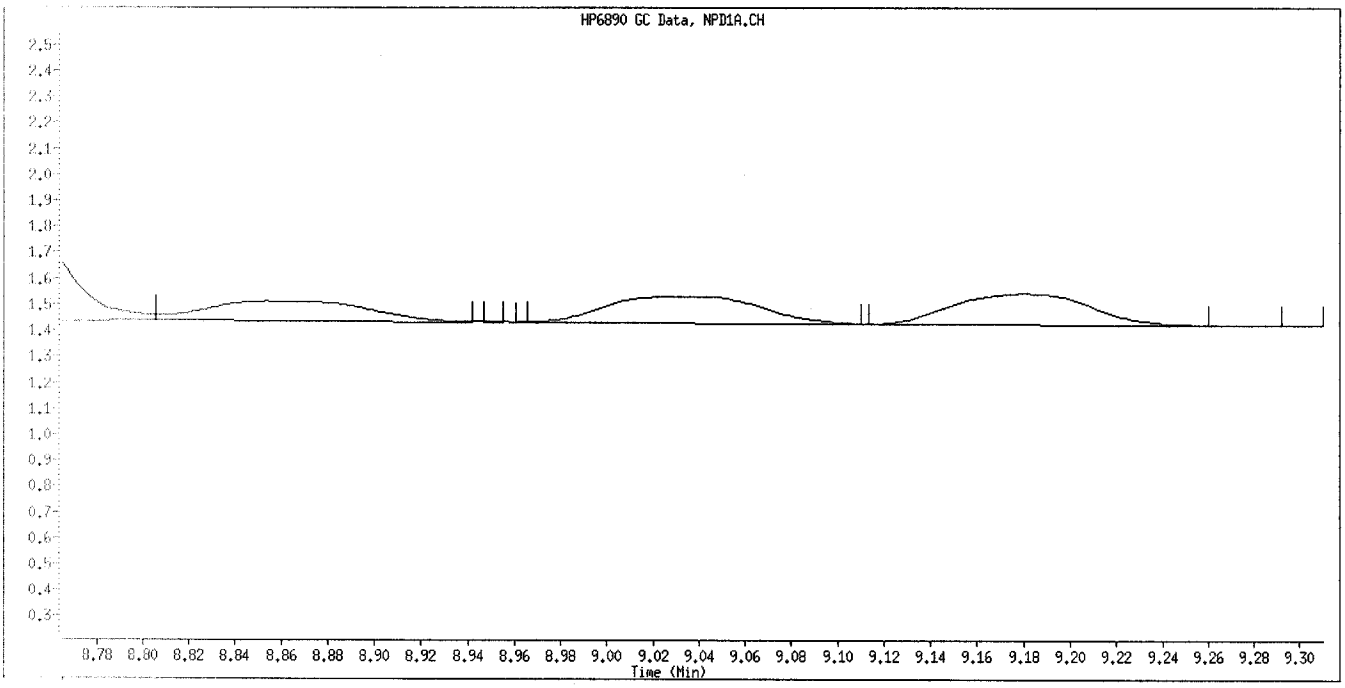
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

7/14/09

Data File Name: 015F1501.D
Inj. Date and Time: 13-JUL-2009 22:41
Instrument ID: GC_D2.i
Client ID: SA106-0.5B MSD
Compound Name: Atrazine
CAS #:
Report Date: 07/14/2009



Original Integration

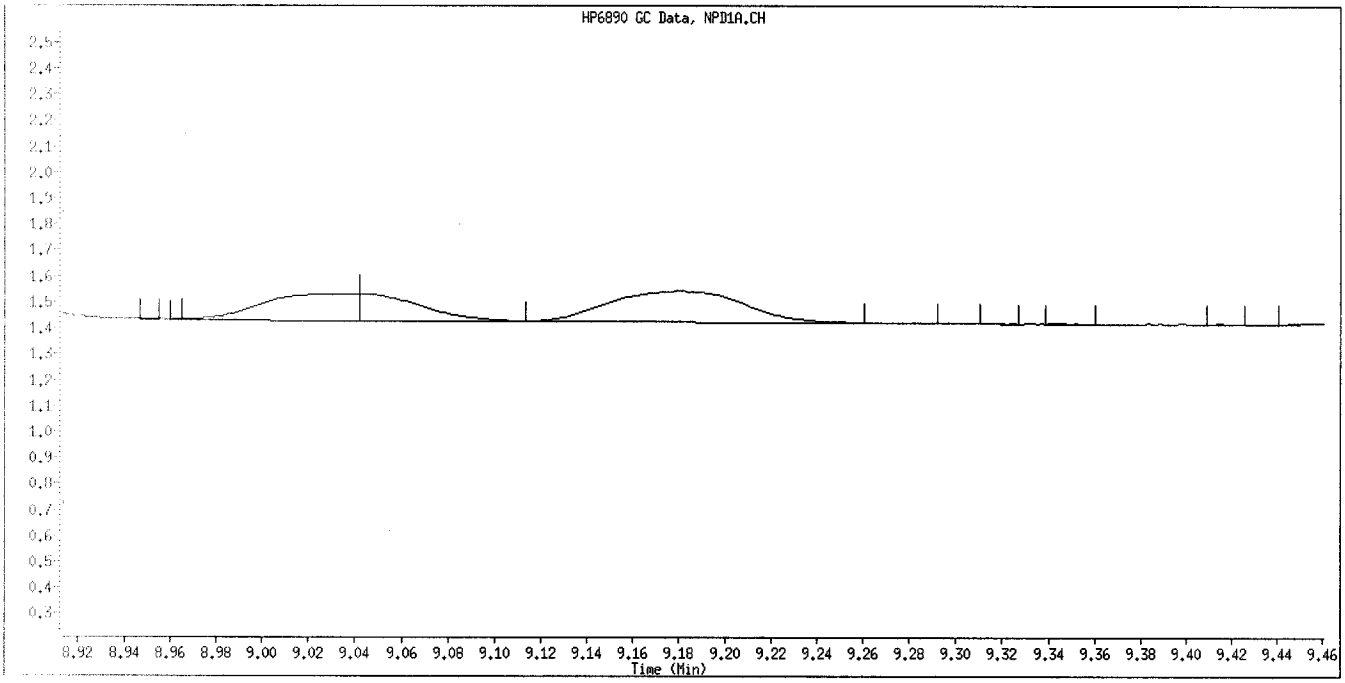


Manual Integration

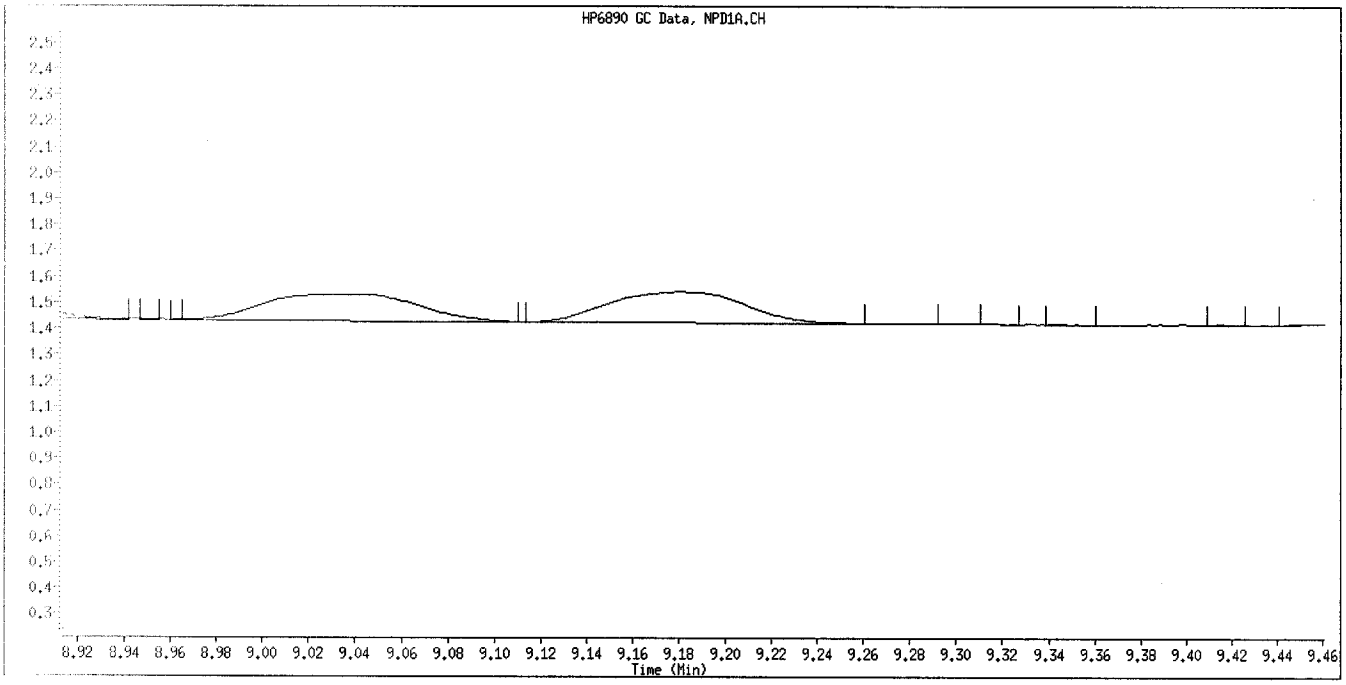
Manually Integrated By: williamst
Manual Integration Reason: Analyte not Identified by the Data System

7/14/09

Data File Name: 015F1501.D
Inj. Date and Time: 13-JUL-2009 22:41
Instrument ID: GC_D2.i
Client ID: SA106-0.5B MSD
Compound Name: propazine
CAS #:
Report Date: 07/14/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Analyte not Identified by the Data System

7/14/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\015F1501.D
Lab Smp Id: LF1T81AE Client Smp ID: SA106-0.5B MSD
Inj Date : 13-JUL-2009 22:41
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LF1T81AE,222-1D
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Meth Date : 14-Jul-2009 08:59 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 15 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Ws	29.430	Weight of Sample extracted (g)
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
1	o,o,o-TEPT	4.648	4.647	(0.248)	131533	0.66320	45.07(R)
2	Dichlorvos	6.453	6.452	(0.344)	75753	0.48916	33.24(R)
$ 3	Chlormefos	7.282	7.280	(0.388)	72118	0.46260	31.44(RR)
4	Mevinphos	9.122	9.120	(0.486)	8277	0.07934	5.392(R)
5	Demeton-O	9.613	9.610	(0.513)	91138	0.91683	62.30
6	Thionazin	9.862	9.860	(0.526)	134272	0.86071	58.49(R)
7	Ethoprop	10.378	10.377	(0.553)	118857	1.01963	69.29
8	Phorate	10.408	10.404	(0.555)	98470	0.72846	49.50
9	Naled	10.810	10.809	(0.576)	21826	0.84877	57.68
10	Sulfotepp	10.890	10.885	(0.581)	177183	0.86907	59.06(A)
* 11	Tributylphosphate	11.000	11.010	(1.000)	183466	2.00000	
12	Simazine	11.293	11.269	(0.602)	22990	0.78733	53.50(A)
13	Diazinon	11.413	11.407	(0.609)	111939	1.03991	70.67
14	Atrazine	11.475	11.449	(0.612)	39801	0.85491	58.10(A)
15	Propazine	11.638	11.612	(0.621)	37621	0.77930	52.96
16	Disulfoton	11.910	11.904	(0.635)	92822	0.86332	58.67(R)
17	Demeton-S	11.988	11.989	(0.639)	6021	0.16350	11.11(R)
18	Dimethoate	Compound Not Detected.					
19	Ronnel	13.430	13.424	(0.716)	104445	1.07682	73.18(R)
20	Merphos-A (Merphos)	13.527	13.520	(1.230)	439	0.00660	0.4488(aA)
21	Chlorpyrifos	14.247	14.239	(0.760)	99617	1.01258	68.81(R)
22	Fenthion	14.500	14.490	(0.773)	84753	0.92884	63.12

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
23	Trichloronate	14.542	14.534	(0.775)	103040	0.87827	59.68
24	Anilazine	Compound Not Detected.					
25	Methyl Parathion	15.363	15.359	(0.819)	102749	1.04304	70.88
26	Malathion	15.590	15.584	(0.831)	73454	0.79596	54.09
27	Tokuthion	16.235	16.229	(0.866)	110585	1.02346	69.55
28	Parathion	16.385	16.382	(0.874)	102904	1.06011	72.04
29	Merphos-B (Merphos Oxone)	16.422	16.407	(1.493)	109252	5.39538	366.6(A)
30	Tetrachlorvinphos (stirophos)	16.885	16.882	(0.900)	71182	1.13362	77.04
31	Carbophenothion methyl	16.990	16.984	(0.906)	92548	1.02830	69.88
32	Bolstar	17.357	17.352	(0.926)	98300	1.03688	70.46
33	Carbophenothion	17.438	17.434	(0.930)	97248	1.04318	70.89(A)
S 34	Triphenyl phosphate	18.207	18.202	(0.971)	46487	0.60769	41.30
35	Fensulfothion	18.487	18.484	(0.986)	12368	0.17608	11.97(R)
* 36	TOCP	18.752	18.747	(1.000)	153335	2.00000	
37	Phosmet / EPN	18.842	18.839	(1.005)	179370	2.24229	152.4
38	Famphur	18.943	18.942	(1.010)	48817	0.48540	32.99(R)
39	Azinphos-methyl	19.078	19.079	(1.017)	70712	0.76861	52.23(R)
40	Azinphos-ethyl	19.293	19.294	(1.029)	79331	0.90539	61.53
41	Coumaphos	20.248	20.247	(1.080)	68095	1.01078	68.69
S 42	Merphos				109691	0.85836	58.33
M 43	Total Demeton				97159	1.08033	73.42

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 015F1501.D
Lab Smp Id: LF1T81AE
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Misc Info:

Calibration Date: 13-JUL-2009
Calibration Time: 20:24
Client Smp ID: SA106-0.5B MSD
Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	183814	91907	367628	183466	-0.19
36 TOCP	117580	58790	235160	153335	30.41

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.00	10.50	11.50	11.00	-0.02
36 TOCP	18.75	18.25	19.25	18.75	0.02

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name: Northgate Environmen02-JUL-2009 00:00 Client SDG: 8304610
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LF1T81AE Client Smp ID: SA106-0.5B MSD
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: MSD
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Misc Info:

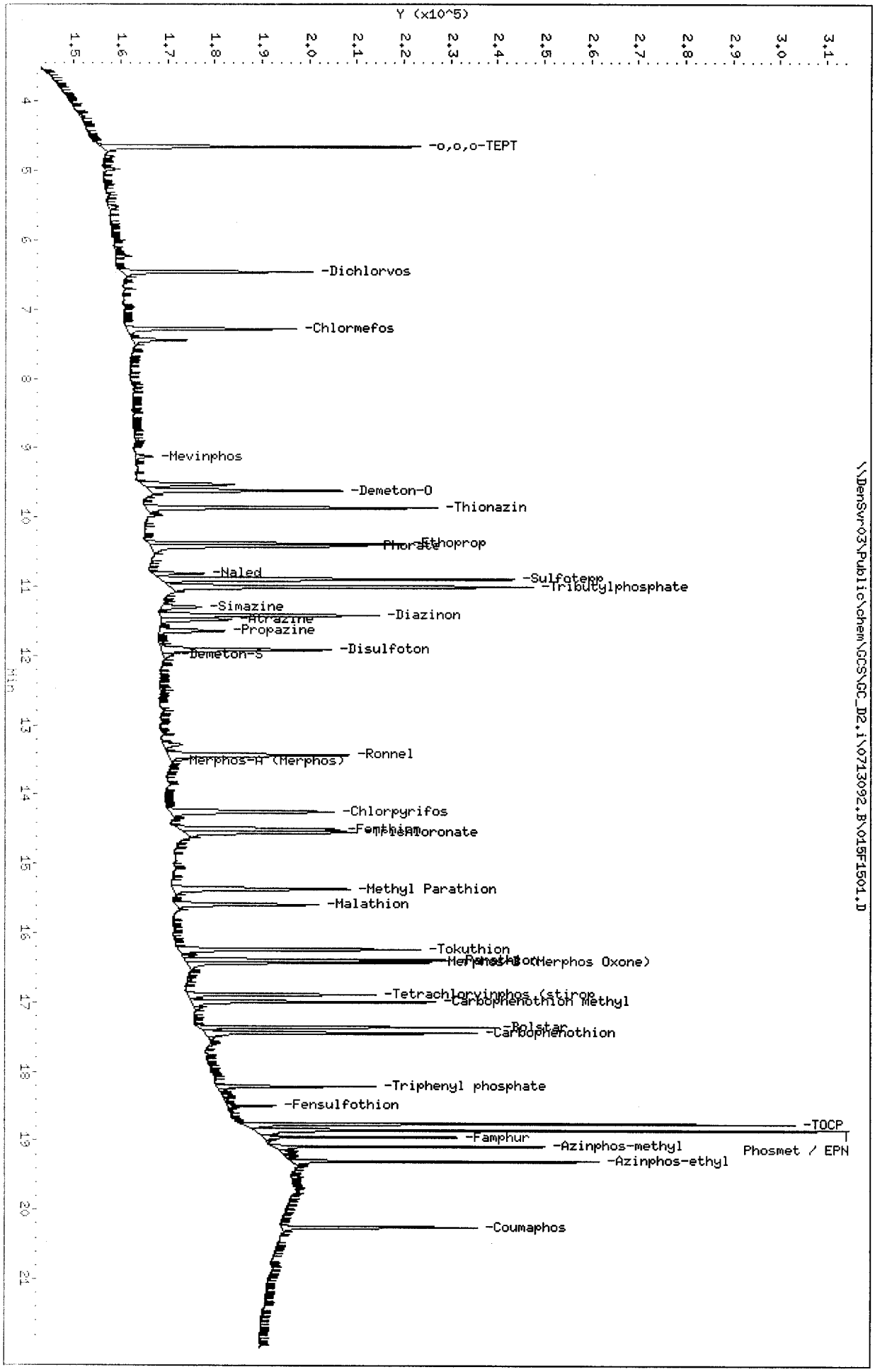
	SPIKE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
	1 o,o,o-TEPT	135.9	45.07	33.16*	36-119
	2 Dichlorvos	135.9	33.24	24.46*	50-120
$	3 Chlormefos	67.96	31.44	46.26*	58-114
	4 Mevinphos	135.9	5.392	3.97*	35-108
	5 Demeton-O	95.14	62.30	65.49	36-119
	6 Thionazin	135.9	58.49	43.04*	65-116
	7 Ethoprop	135.9	69.29	50.98	36-119
	8 Phorate	135.9	49.50	36.42	36-119
	9 Naled	135.9	57.68	42.44	36-119
	10 Sulfotepp	135.9	59.06	43.45	36-119
	12 Simazine	135.9	53.50	39.37	36-119
	13 Diazinon	135.9	70.67	52.00	36-119
	14 Atrazine	135.9	58.10	42.75	36-119
	15 Propazine	135.9	52.96	38.97	36-119
	16 Disulfoton	135.9	58.67	43.17*	61-103
	17 Demeton-S	40.77	11.11	27.25*	36-119
	18 Dimethoate	135.9	0.0000	*	28-82
	19 Ronnel	135.9	73.18	53.84*	62-99
	21 Chlorpyrifos	135.9	68.81	50.63*	66-101
	22 Fenthion	135.9	63.12	46.44	36-119
	23 Trichloronate	135.9	59.68	43.91	36-119
	24 Anilazine	135.9	0.0000	*	36-119
	25 Methyl Parathion	135.9	70.88	52.15	36-119
	26 Malathion	135.9	54.09	39.80	36-119
	27 Tokuthion	135.9	69.55	51.17	36-119
	28 Parathion	135.9	72.04	53.01	36-119
	30 Tetrachlorvinphos	135.9	77.04	56.68	36-119
	31 Carbophenothion me	135.9	69.88	51.41	36-119
	32 Bolstar	135.9	70.46	51.84	36-119
	33 Carbophenothion	135.9	70.89	52.16	36-119
$	34 Triphenyl phosphat	67.96	41.30	60.77	36-119
	35 Fensulfothion	135.9	11.97	8.80*	20-105
	37 Phosmet / EPN	271.8	152.4	56.06	36-119
	38 Famphur	135.9	32.99	24.27*	61-108
	39 Azinphos-methyl	135.9	52.23	38.43*	55-103
	40 Azinphos-ethyl	135.9	61.53	45.27	36-119
	41 Coumaphos	135.9	68.69	50.54	36-119
S	42 Merphos	135.9	58.33	42.92	36-119
M	43 Total Demeton	135.9	73.42	54.02	47-100

TestAmerica

RECOVERY REPORT

Client Name: Northgate Environmen02-JUL-2009 00:00 Client SDG: 8304610
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LF1T81AE Client Smp ID: SA106-0.5B MSD
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: MSD
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 3 Chlormefos	68.19	31.44	46.26*	59-112
$ 34 Triphenyl phosphat	68.19	41.30	60.77	50-150



Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\071309Z.B\015F1501.D
Date : 13-JUL-2009 22:41
Client ID: SA106-0.5B MSD
Sample Info: LF1T814E,222-1D
Column phase: RTx-OPPest

Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

GC SEMIVOLATILE
INITIAL CALIBRATION DATA

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

GC and HPLC ICAL Review Checklist

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

608 8081 8082 8151 (8141)
TPH/DRO Other SV 6014
8310 8330 Other HPLC

601 602 8021 BTEX
TPH/GRO Other Volatile GC

Calibration Date: 062609
Instrument ID: D2

Review Items	--- Level 1 --- Yes	No	N/A	Level 2	Comments
Initial Calibration					
1. Are correct data files used?	✓			✓	
2. Is there a sufficient number of calibration points used?	✓			✓	
3. Are reasons for removal of points documented?	✓			✓	Better linearity
4. Is linearity acceptable, 8000 Series: linear least-squares regression with $r \geq 0.990$, (DOD projects require $r \geq 0.995$) quadratic fit COD $r^2 > 0.990$, or average response factors with RSD ≤ 20%? 600 Series: < 10% RSD or linear regression	✓			✓	
5. Are the correct RT windows applied to the ICAL integration?	✓			✓	
6. Are DDT & Endrin breakdown < 15%?			✓	NA	
7. Is each manual integration completely documented, signed and appropriate?	✓			✓	
8. Is traceability of standards properly documented?	✓			✓	
9. Was second level hand calculation performed? (document analyte checked)	-----	-----	-----	✓	
10. Was second-source ICV performed & recovery 85-115%?	✗	✓		✓	Primary Include %R Naled -40.1%, Simazine +31.1%, Disulfoton -20.6% Malathion -18.8%, Anilazine -49.2%, Carbophenothion-methyl -32.3%, Phosmet -17.6% Secondary Include %R Naled -47.6%, Simazine +80.1%, Anilazine -39.9%, Malathion -23.2%, Carbophenothion-methyl -37.7%, Merphos -19.3%

1st Level Reviewer: [signature] Date: 6/30/09
2nd Level Reviewer: [signature] Date: 6/30/09

Sequence Table (Front Injector):

Quantification Part:

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
1	Vial 1	PRIMER				
2	Vial 2	HEXANE				
3	Vial 3	OPP L7 GSV0634				
4	Vial 4	OPP L6 GSV0637				
5	Vial 5	OPP L5 GSV0635				
6	Vial 6	OPP L4 GSV0638				
7	Vial 7	OPP L3 GSV0639				
8	Vial 8	OPP L2 GSV0640				
9	Vial 9	OPP L1 GSV0641				
10	Vial 10	OPP SS GSV0633				
11	Vial 11	GSV075309 SPK				
12	Vial 12	LE2931AA,MB				
13	Vial 13	LE2931AC,LCS				
14	Vial 14	LE2931AD,LCSD				
15	Vial 15	LEQA91AC,222-15				10
16	Vial 16	LEQA91AC,222-15				3
17	Vial 17	LEQCQ1AC,222-18				2
18	Vial 18	LERD61AD,377-1				
19	Vial 19	LERD81AH,377-3				
20	Vial 20	LERN71AF,115-1				
21	Vial 21	LERPQ1AF,115-2				
22	Vial 22	LERPX1AF,115-3				
23	Vial 23	LE1F91AJ,138-1				
24	Vial 24	OPP L5 GSV0635				
25	Vial 25	LE29M1AA,MB				
26	Vial 26	LE29M1AC,LCS				
27	Vial 27	LE29M1AD,LCSD				
28	Vial 28	LEQA91AA,222-15				10
29	Vial 29	LEQA91AA,222-15				3
30	Vial 30	LEQCQ1AA,222-18				2
31	Vial 31	LFARC1AA,MB				
32	Vial 32	LFARC1AC,LCS				
33	Vial 33	LFARC1AD,LCSD				
34	Vial 34	LEKL02AA,185-1				
35	Vial 35	LE29L1AA,MB				
36	Vial 36	LE29L1AC,LCS				
37	Vial 37	LE29L1AD,LCSD				
38	Vial 38	LERCV1AA,370-1				
39	Vial 39	LEWJG1AA,143-1				
40	Vial 40	OPP L5 GSV0635				
41	Vial 41	LE5PX1AA,MB				
42	Vial 42	LE5PX1AC,LCS				
43	Vial 43	LE5PX1AD,LCSD				
44	Vial 44	LE39F1AA,179-1				
45	Vial 45	LE3PF1AA,179-2				
46	Vial 46	LE39L1AA,179-3				
47	Vial 47	LFARL1AA,MB				
48	Vial 48	LFARL1AC,LCS				
49	Vial 49	LFARL1AD,LCSD				
50	Vial 50	LEKLE2AE,180-2				
51	Vial 51	LEKLF2AE,180-3				
52	Vial 52	LEKLL2AE,180-4				
53	Vial 53	LEKLQ2AE,180-5				
54	Vial 54	LENR72AD,322-1				
55	Vial 55	LEPG32AJ,161-1				
56	Vial 56	OPP L5 GSV0635				
57	Vial 57	LFD4N1AA,MB				
58	Vial 58	LFD4N1AC,LCS				

9168144

9168147

9170431

9168145

RR

9168553

9170430

9173102

E\062609.S

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
59	Vial 59	LFD4N1AD,LCSD				
60	Vial 60	LE3041AJ,158-1				
61	Vial 61	LFD4W1AA,MB				
62	Vial 62	LFD4W1AC,LCS				
63	Vial 63	LFD4W1AD,LCSD				
64	Vial 64	LE7EE1AA,266-2				
65	Vial 65	LE9Q61AA,216-2				
66	Vial 66	LE9RA1AA,216-3				
67	Vial 67	LFC4Q1AD,199-2				
68	Vial 68	OPP L5 GSV0635				
69	Vial 69	LFAN01AA,MB				
70	Vial 70	LFAN01AC,LCS				
71	Vial 71	LFAN01AD,LCSD				
72	Vial 72	LE4291AA,273-1				
73	Vial 73	LE4291AD,273-1S				
74	Vial 74	LE4291AE,273-1D				
75	Vial 75	LE9PJ1AA,215-1				
76	Vial 76	OPP L5 GSV0635				
77	Vial 77	OPP L1 GSV0641				
78	Vial 100	HEXANE/ACETONE				

9173103

9170919

Sequence Table (Back Injector):

No entries - empty table!

Report Date : 30-Jun-2009 12:45 Page 1

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Calibration File Names:
Level 1: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\009F0901.D
Level 2: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\008F0801.D
Level 3: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\007F0701.D
Level 4: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\006F0601.D
Level 5: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\005F0501.D
Level 6: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\004F0401.D
Level 7: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\003F0301.D

SEE CALIBRATION HISTORY

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
1 o,o,o-TEPT	3.11591	2.63737	2.67945	2.89676	2.71623	2.90430					
	2.77446						AVRG		2.81778		5.91149
2 Dichlorvos	2.01706	1.62225	1.58545	1.76366	1.71981	1.74982					
	1.79032						AVRG		1.74977		7.99554
3 Mevinphos	1.01774	0.91295	0.90158	1.01760	0.95159	0.98250					
	0.94429						AVRG		0.96118		4.85992
5 Thionazin	2.12707	1.94606	1.94866	2.08214	1.96051	2.00095					
	1.93224						AVRG		1.99966		3.79706

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
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Quant Method : ISTD
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Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	5.0000 Level 7											
6 Demeton-O	9836	17553	30145	62341	96004	113108						1/x
	165003						WLINR	-0.01288	1.85831		0.99594	
7 Ethoprop	1.93480	1.70823	1.62324	1.73203	1.74110	1.78272						
	1.74432						AVRG		1.75235		5.38512	
8 Naled	1992	6103	15042	36940	67594	90892						
	121152						WLINR	0.09632	0.47378		0.98961	<- 1/x r=0.995
10 Sulfotepp	34658	70885	131347	259970	393078	486417						1/x
	609341						WLINR	-0.03469	2.43674		0.99856	
11 Phorate	2.02801	1.82946	1.73796	1.82370	1.76374	1.79146						
	1.72902						AVRG		1.81476		5.60901	
12 Dimethoate	1.89561	1.76866	2.07434	2.25696	2.23554	2.30994						
	2.21598						AVRG		2.10815		9.72697	
13 Demeton-S	1.49306	1.46224	1.49173	1.58543	1.55216	1.58919						
	1.52702						AVRG		1.52869		3.21407	

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Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	5.0000 Level 7											
14 Simazine	4819	16248	29382	64611	115426	147784						1/x2
	190219						WLINR	0.03988	0.73140		0.99336	
15 Atrazine	0.70185	0.76532	0.75073	0.84628	0.85434	0.90844						
	0.89508						AVRG		0.81743		9.61085	
16 propazine	0.73887	0.70136	0.69239	0.78178	0.75651	0.81417						
	0.79462						AVRG		0.75424		6.13423	
17 Disulfoton	15404	33208	61920	127893	193050	247845						1/x
	290419						WLINR	-0.01928	1.20917		0.99576	
18 Diazinon	2.20234	1.83553	1.83772	2.01856	1.98676	1.84115						
	1.92388						AVRG		1.94942		6.88114	
19 Methyl Parathion	1.22644	1.10389	1.13741	1.32395	1.30344	1.29686						
	1.26213						AVRG		1.23630		6.92144	
20 Ronnel	1.42863	1.23369	1.21320	1.29342	1.24446	1.34650						
	1.18584						AVRG		1.27796		6.65504	

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Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
21 Malathion	15443	30581	57103	119836	186013	228260					
	283462						WLINR	-0.02066	1.14436		0.99783
22 Fenthion	1.46442	1.18458	1.16481	1.29096	1.25584	1.25506					
	1.18151						AVRG		1.25674		8.19381
23 Parathion	1.42438	1.25387	1.23322	1.38998	1.36308	1.38514					
	1.31279						AVRG		1.33749		5.43501
24 Chlorpyrifos	1.85614	1.56747	1.47379	1.62915	1.61527	1.62330					
	1.56216						AVRG		1.61818		7.28314
25 Trichloronate	1.44751	1.42551	1.34762	1.48171	1.46256	1.52450					
	1.43428						AVRG		1.44624		3.78186
26 Anilazine	1493	2095	5311	12790	19893	29375					
	+++++						QUAD	0.02107	9.16488	-8.66056	0.99476
27 Merphos-A (Merphos)	1.24844	1.15527	1.15966	1.23989	1.21263	1.24409					
	1.18648						AVRG		1.20664		3.30523

1/x

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INITIAL CALIBRATION DATA

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Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	5.0000 Level 7											
28 Tetrachlorvinphos (Stirophos)	0.76814	0.74606	0.73464	0.83451	0.85233	0.85150						
	0.82648						AVRG		0.80195		6.32809	
29 Tokuthion	1.50295	1.28283	1.29501	1.44234	1.39452	1.40891						
	1.37817						AVRG		1.38639		5.62055	
30 Merphos-B (Merphos Oxone)	3884	7933	11676	34113	50056	65974						NTC
	79809						WLINR	0.01044	0.32634		0.98820	<-See Merphos
31 Carbophenothion-methyl	14924	30542	55023	105577	167145	206137						1/x
	266724						WLINR	-0.03349	1.03813		0.99979	
32 Fensulfothion	8319	23000	51304	104440	185778	229856						1/x
	295978						WLINR	0.04728	1.18751		0.99821	
33 Bolstar / Famphur	1.54988	1.27794	1.32328	1.33835	1.27633	1.28540						
	1.23307						AVRG		1.32632		7.86825	
34 Carbophenothion	1.57916	1.19992	1.27687	1.32336	1.26122	1.41398						
	1.25966						AVRG		1.33059		9.63398	

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TestAmerica

INITIAL CALIBRATION DATA

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Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	5.0000 Level 7											
36 Phosmet	1.22087	1.01385	1.11032	1.20586	1.12340	1.16129						
	1.13672						AVRG		1.13890		6.04111	
37 EPN	9525	23196	48705	111165	171283	220388						
	294020						WLINR	0.02456	1.11450		0.99317	$1/x^2$
38 Azinphos-methyl	1.19565	1.13516	1.16767	1.28235	1.23551	1.26700						
	1.21185						AVRG		1.21360		4.33999	
40 Azinphos-ethyl	23154	43578	74071	134607	209971	253982						
	318459						WLINR	-0.07409	1.26388		0.99928	$1/x^2$
41 Coumaphos	1.00140	0.89806	0.92250	1.01947	1.01017	1.01013						
	0.99015						AVRG		0.97884		4.92558	
42 Merphos	1.61523	1.45962	1.38820	1.59026	1.52873	1.58626						
	1.49925						AVRG		1.52393		5.34513	
43 Total Demeton	1.94415	1.66775	1.60440	1.71838	1.66174	1.66727						
	1.68503						AVRG		1.70696		6.44185	

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
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Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
$ 4 Chlormefos	2.28223	2.03679	2.00000	2.26084	2.35620	2.24671					
	2.15521						AVRG		2.19114		6.04132
$ 35 Triphenyl phosphate	1.09980	0.99217	0.96977	1.05450	0.99627	1.00900					
	0.95665						AVRG		1.01117		4.94580

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Wt Linear	Amt = b + Rsp/m1	Response
Quad	Amt = b + m1*Rsp + m2*Rsp^2	Response

Table of Contents

Report Date: 30-Jun-2009 12:45

Calibration History

Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Start Cal Date: 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Last Cal Level: 1
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 0.20000		
26-JUN-2009 21:13	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\009F0901.D
Cal Level: 2 , Cal Amount: 0.50000		
26-JUN-2009 20:45	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\008F0801.D
Cal Level: 3 , Cal Amount: 1.00000		
26-JUN-2009 20:18	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\007F0701.D
Cal Level: 4 , Cal Amount: 2.00000		
26-JUN-2009 19:50	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\006F0601.D
Cal Level: 5 , Cal Amount: 3.00000		
26-JUN-2009 19:23	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\005F0501.D
Cal Level: 6 , Cal Amount: 4.00000		
26-JUN-2009 18:55	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\004F0401.D
Cal Level: 7 , Cal Amount: 5.00000		
26-JUN-2009 18:28	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\003F0301.D

Continuing Calibration

Cal Level Mode: GLOBAL LEVEL 4

26-JUN-2009 21:40	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\010F1001.D
26-JUN-2009 19:50	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\006F0601.D
26-JUN-2009 19:23	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\005F0501.D

Report Date : 30-Jun-2009 12:58 Page 1

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Calibration File Names:
Level 1: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\009F0901.D
Level 2: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\008F0801.D
Level 3: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\007F0701.D
Level 4: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\006F0601.D
Level 5: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\005F0501.D SEE CALIBRATION HISTORY
Level 6: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\004F0401.D
Level 7: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\003F0301.D

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	5.0000 Level 7	Curve	Coefficients b	m1	m2	%RSD or R^2
1 o,o,o-TEPT	2.92648	2.44243	2.35582	2.65851	2.57132	2.61478						
	2.53900							AVRG		2.58691		7.02274
2 Dichlorvos	1.96421	1.82228	1.84036	2.17503	2.12732	2.04712						
	2.16332							AVRG		2.01995		7.32345
4 Mevinphos	1.44354	1.24995	1.21811	1.44363	1.32123	1.40873						
	1.43954							AVRG		1.36067		7.12634
5 Demeton-O	1.19821	1.29971	1.18493	1.34261	1.38930	1.37760						
	1.28370							AVRG		1.29658		6.26552

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	5.0000 Level 7	Curve	Coefficients b	m1	m2	%RSD or R^2	
6 Thionazin	2.15838	1.84195	1.93751	1.98059	2.08762	2.20076							
	2.03673							AVRG		2.03479		6.19054	
7 Ethoprop	1.70034	1.41105	1.44674	1.51565	1.56615	1.54046							
	1.46268							AVRG		1.52044		6.33190	
8 Phorate	1.89356	1.60276	1.58391	1.69691	1.82591	1.99241							
	1.74661							AVRG		1.76315		8.53946	
9 Naled	94.00000	1666	10859	28010	46004	58330							1/x
	78857							WLINR	0.13436	0.49080		0.99248	
10 Sulfotepp	2.79835	2.53605	2.59328	2.75080	2.67397	2.68532							
	2.57687							AVRG		2.65923		3.59851	
12 Simazine	0.36415	0.34683	0.35351	0.38559	0.39087	0.41510							
	0.41001							AVRG		0.38086		7.05346	
13 Diazinon	12067	15923	49407	98649	155648	181790							1/x
	228810							WLINR	0.01456	1.44446		0.99190	

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
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Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	5.0000 Level 7											
14 Atrazine	5427	1231	21316	49088	85997	98759						
	128612						LINR	0.11621	0.83396		0.99221	
15 Propazine	4880	8102	20907	43235	72628	85745						1/x
	110050						WLINR	0.02910	0.68050		0.99492	
16 Disulfoton	1.39584	1.32983	1.36835	1.41433	1.46581	1.46415						
	1.37843						AVRG		1.40239		3.56764	
17 Demeton-S	667	15766	33785	70921	121463	157195						1/x
	175573						WLINR	0.05954	1.76807		0.99272	
18 Dimethoate	1.93513	1.88284	1.72920	1.81890	1.98388	1.88204						
	1.92489						AVRG		1.87955		4.46888	
19 Ronnel	1.49381	1.09752	1.14631	1.23377	1.29336	1.31702						
	1.27410						AVRG		1.26513		10.15653	
20 Merphos-A (Merphos)	0.73714	0.72841	0.76463	0.71117	0.75339	0.75359						
	0.62474						AVRG		0.72472		6.56840	

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
21 Chlorpyrifos	1.28253	1.15885	1.24944	1.20702	1.32365	1.38773					
	1.37311						AVRG		1.28319		6.60140
22 Fenthion	1.20874	1.15890	1.17283	1.16181	1.25398	1.18816					
	1.18668						AVRG		1.19016		2.76871
23 Trichloronate	6944	26053	49357	106326	170976	208762					
	296442						WLINR	0.05263	1.73863		0.99738
24 Anilazine	1634	2256	3581	6899	11039	13112					
	19108						LINR	-0.00058	0.10979		0.99085
25 Methyl Parathion	1.21391	1.12059	1.22102	1.33829	1.35198	1.32937					
	1.41908						AVRG		1.28489		8.00353
26 Malathion	1.23986	1.19694	1.15056	1.17724	1.17540	1.20726					
	1.27856						AVRG		1.20369		3.60449
27 Tokuthion	1.50291	1.31056	1.35261	1.35076	1.45106	1.48916					
	1.40826						AVRG		1.40933		5.28420

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
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Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	5.0000 Level 7	Curve	Coefficients b	m1	m2	%RSD or R^2	
28 Parathion	1.27111	1.15628	1.24872	1.23420	1.30817	1.35972							
							1.28450	AVRG		1.26610		5.02432	
29 Merphos-B (Merphos Oxone)	3793	6271	15065	23458	40683	62127							
							65080	WLINR	-0.05169	0.21659		0.96366	<- NTC, see merphos
30 Tetrachlorvinphos (stirophos)	0.86036	0.73114	0.73243	0.80291	0.86664	0.87311							
							0.86651	AVRG		0.81902		7.82425	
31 Carbophenothion methyl	1.16513	1.02032	1.04699	1.17159	1.27808	1.26831							
							1.26700	AVRG		1.17392		9.08251	
32 Bolstar	1.33280	1.22387	1.19075	1.20601	1.27262	1.22830							
							1.20152	AVRG		1.23655		4.05030	
33 Carbophenothion	1.18442	1.13595	1.15332	1.18001	1.34689	1.22912							
							1.28180	AVRG		1.21593		6.21486	
35 Fensulfothion	0.88346	0.80409	0.88036	0.97346	0.94597	1.00424							
							0.92148	AVRG		0.91615		7.30438	

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
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Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
37 Phosmet / EPN	19707	35826	68186	146012	207459	263604					
	330448						WLINR	-0.04262	1.00518		0.99785
38 Famphur	1.45536	1.20800	1.18770	1.39816	1.20947	1.39569					
	1.32805						AVRG		1.31178		8.35158
39 Azinphos-methyl	1.25589	1.08970	1.07858	1.30240	1.20427	1.27709					
	1.19199						AVRG		1.19999		7.33978
40 Azinphos-ethyl	1.14013	1.11628	1.12015	1.18786	1.16269	1.14594					
	1.12699						AVRG		1.14286		2.23350
41 Coumaphos	0.78930	0.81655	0.85887	0.90448	0.89897	0.94628					
	0.93653						AVRG		0.87871		6.77030
42 Merphos	1.56460	1.43887	1.64263	1.66880	1.73437	1.91569					
	1.70275						AVRG		1.66682		8.85773
43 Total Demeton	3533	23328	47171	100663	168375	213468					
	244812						WLINR	0.06780	1.63923		0.99469

1/x

1/x

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
$ 3 Chlormefos	2.19506	1.83698	1.78322	2.03418	2.29040	2.05386					
	2.04016						AVRG		2.03341		8.83890
$ 34 Triphenyl phosphate	1.10969	0.86972	0.91132	1.07710	1.01080	0.99885					
	1.00703						AVRG		0.99779		8.47904

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Curve	Formula	Units
Averaged	Amt = Rsp/ml	Response
Linear	Amt = b + Rsp/ml	Response
Wt Linear	Amt = b + Rsp/ml	Response

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Report Date: 30-Jun-2009 12:58

Calibration History

Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Start Cal Date: 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Last Cal Level: 1
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 0.20000		
26-JUN-2009 21:13	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\009F0901.D
Cal Level: 2 , Cal Amount: 0.50000		
26-JUN-2009 20:45	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\008F0801.D
Cal Level: 3 , Cal Amount: 1.00000		
26-JUN-2009 20:18	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\007F0701.D
Cal Level: 4 , Cal Amount: 2.00000		
26-JUN-2009 19:50	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\006F0601.D
Cal Level: 5 , Cal Amount: 3.00000		
26-JUN-2009 19:23	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\005F0501.D
Cal Level: 6 , Cal Amount: 4.00000		
26-JUN-2009 18:55	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\004F0401.D
Cal Level: 7 , Cal Amount: 5.00000		
26-JUN-2009 18:28	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\003F0301.D

Continuing Calibration

Cal Level Mode: GLOBAL LEVEL 4

26-JUN-2009 21:40	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\010F1001.D
26-JUN-2009 19:50	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\006F0601.D
26-JUN-2009 19:23	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\005F0501.D

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B/010F1001.D
Report Date: 06/30/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Analysis Type: NONE

Injection Date: 26-JUN-2009 21:40
Lab Sample ID: OPP SS GSV0633
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.0000	2.0577	2.9	15.0	
2	Dichlorvos	2.0000	1.9061	4.7	15.0	
3	Mevinphos	2.0000	1.6977	15.1	15.0	<- ok
4	Chlormefos	2.0000	1.7808	11.0	15.0	
5	Thionazin	2.0000	1.9740	1.3	15.0	
6	Demeton-O	0.6500	1.8707	187.8	15.0	<- ok, see total demeton
7	Ethoprop	2.0000	2.0536	2.7	15.0	
8	Naled	2.0000	1.1983	40.1	15.0	<-
9	Sulfotepp	2.0000	1.7932	10.3	15.0	
10	Phorate	2.0000	2.0180	0.9	15.0	
11	Dimethoate	2.0000	2.0859	4.3	15.0	
12	Demeton-S	1.3600	0.2313	83.0	15.0	<- ok, see total demeton
13	Simazine	2.0000	2.6218	31.1	15.0	<-
14	Atrazine	2.0000	1.9566	2.2	15.0	
15	propazine	2.0000	1.9127	4.4	15.0	
17	Disulfoton	2.0000	1.5890	20.6	15.0	<-
16	Diazinon	2.0000	2.1583	7.9	15.0	
18	Methyl Parathion	2.0000	2.0404	2.0	15.0	
19	Ronnel	2.0000	2.1513	7.6	15.0	
20	Malathion	2.0000	1.6248	18.8	15.0	<-
21	Fenthion	2.0000	1.8840	5.8	15.0	
22	Parathion	2.0000	1.9436	2.8	15.0	
23	Chlorpyrifos	2.0000	1.9720	1.4	15.0	
24	Trichloronate	2.0000	1.8619	6.9	15.0	
25	Anilazine	2.0000	1.0151	49.2	15.0	<-
148	Merphos-A (Merphos)	2.0000	0.4078	79.6	999.0	
26	Tetrachlorvinphos (Stirophos)	2.0000	2.0880	4.4	15.0	
28	Tokuthion	2.0000	2.0254	1.3	15.0	
149	Merphos-B (Merphos Oxone)	2.0000	6.6232	231.2	999.0	
29	Carbophenothion-methyl	2.0000	1.3536	32.3	15.0	<-
29	Fensulfothion	2.0000	1.9235	3.8	15.0	
30	Bolstar / Famphur	4.0000	4.0636	1.6	15.0	
32	Carbophenothion	2.0000	1.8639	6.8	15.0	
31	Triphenyl phosphate	2.0000	1.7170	14.2	15.0	
34	Phosmet	2.0000	1.6471	17.6	15.0	<-
32	EPN	2.0000	1.7931	10.3	15.0	
33	Azinphos-methyl	2.0000	1.9226	3.9	15.0	
35	Azinphos-ethyl	2.0000	1.8331	8.3	15.0	
36	Coumaphos	2.0000	2.0063	0.3	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B/010F1001.D
Report Date: 06/30/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Injection Date: 26-JUN-2009 21:40
Lab File ID: 010F1001.D
Lab Sample ID: OPP SS GSV0633
Analysis Type: NONE
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
27 Merphos	2.0000	1.7215	13.9	15.0
40 Total Demeton	2.0000	2.1021	5.1	15.0

Average %D = 23.4

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B/010F1001.D
Report Date: 06/30/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Analysis Type: NONE

Injection Date: 26-JUN-2009 21:40
Lab Sample ID: OPP SS GSV0633
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.0000	2.0069	0.3	15.0	
2	Dichlorvos	2.0000	1.7707	11.5	15.0	
3	Chlormefos	2.0000	1.6957	15.2	15.0	<- ok
4	Mevinphos	2.0000	1.8364	8.2	15.0	
5	Demeton-O	0.6500	2.0472	215.0	15.0	<- ok, see total demeton
6	Thionazin	2.0000	1.8758	6.2	15.0	
7	Ethoprop	2.0000	1.8962	5.2	15.0	
8	Phorate	2.0000	1.9509	2.5	15.0	
10	Naled	2.0000	1.0486	47.6	15.0	<-
146	Sulfotepp	2.0000	1.7143	14.3	15.0	
10	Simazine	2.0000	3.6013	80.1	15.0	<-
12	Diazinon	2.0000	2.0803	4.0	15.0	
150	Atrazine	2.0000	1.9693	1.5	15.0	
13	Propazine	2.0000	1.8742	6.3	15.0	
14	Disulfoton	2.0000	1.6970	15.1	15.0	<- ok
15	Demeton-S	1.3600	0.2011	85.2	15.0	<- ok, see total demeton
16	Dimethoate	2.0000	1.8701	6.5	15.0	
17	Ronnel	2.0000	2.0112	0.6	15.0	
148	Merphos-A (Merphos)	2.0000	0.5348	73.3	999.0	
18	Chlorpyrifos	2.0000	2.1084	5.4	15.0	
19	Fenthion	2.0000	2.0634	3.2	15.0	
20	Trichloronate	2.0000	1.8617	6.9	15.0	
21	Anilazine	2.0000	1.2425	37.9	15.0	<-
23	Methyl Parathion	2.0000	2.0228	1.1	15.0	
24	Malathion	2.0000	1.5362	23.2	15.0	<-
25	Tokuthion	2.0000	1.8925	5.4	15.0	
26	Parathion	2.0000	2.1337	6.7	15.0	
149	Merphos-B (Merphos Oxone)	2.0000	5.0080	150.4	999.0	
27	Tetrachlorvinphos (stirophos)	2.0000	2.0814	4.1	15.0	
28	Carbophenothion methyl	2.0000	1.2466	37.7	15.0	<-
28	Bolstar	2.0000	2.0778	3.9	15.0	
30	Carbophenothion	2.0000	1.7496	12.5	15.0	
29	Triphenyl phosphate	2.0000	1.7275	13.6	15.0	
30	Fensulfothion	2.0000	2.0824	4.1	15.0	
35	Phosmet / EPN	4.0000	3.4695	13.3	15.0	
33	Famphur	2.0000	1.7579	12.1	15.0	
34	Azinphos-methyl	2.0000	1.8108	9.5	15.0	
35	Azinphos-ethyl	2.0000	1.7982	10.1	15.0	
36	Coumaphos	2.0000	1.9588	2.1	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B/010F1001.D
Report Date: 06/30/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Injection Date: 26-JUN-2009 21:40
Lab File ID: 010F1001.D
Lab Sample ID: OPP SS GSV0633
Analysis Type: NONE
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
22 Merphos	2.0000	1.6146	19.3	15.0	<-
40 Total Demeton	2.0000	2.2483	12.4	15.0	

Average %D = 24.2

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\003F0301.D
Lab Smp Id: OPP L7 GSV0634 Client Smp ID: OPP L7 GSV0634
Inj Date : 26-JUN-2009 18:28
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L7 GSV0634
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Meth Date : 30-Jun-2009 12:45 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 20:18 Cal File: 007F0701.D
Als bottle: 3 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1 o,o,o-TEPT	3.256	3.254	(0.183)	707938	5.00000	4.923
	2 Dichlorvos	4.075	4.074	(0.228)	456822	5.00000	5.116(A)
	3 Mevinphos	5.736	5.739	(0.322)	240948	5.00000	4.912
$	4 Chlormefos	5.835	5.836	(0.327)	549929	5.00000	4.918
	5 Thionazin	7.505	7.507	(0.421)	493034	5.00000	4.831
	6 Demeton-O	7.645	7.649	(0.428)	165003	1.62500	1.714
	7 Ethoprop	7.846	7.852	(0.440)	445084	5.00000	4.977
	8 Naled	8.053	8.057	(0.451)	121152	5.00000	5.203(A)
*	9 Tributylphosphate	8.110	8.135	(1.000)	206876	2.00000	
	10 Sulfotepp	8.440	8.442	(0.473)	609341	5.00000	4.831
	11 Phorate	8.530	8.532	(0.478)	441181	5.00000	4.764
	12 Dimethoate	8.655	8.659	(0.485)	565436	5.00000	5.256(A)
	13 Demeton-S	8.838	8.846	(0.495)	264954	3.40000	3.396
	14 Simazine	8.921	8.924	(0.500)	190219	5.00000	5.176(A)
	15 Atrazine	9.091	9.094	(0.510)	228392	5.00000	5.475(A)
	16 propazine	9.236	9.241	(0.518)	202756	5.00000	5.268(A)
	17 Disulfoton	9.866	9.869	(0.553)	290419	5.00000	4.668
	18 Diazinon	9.900	9.902	(0.555)	490902	5.00000	4.934
	19 Methyl Parathion	10.715	10.717	(0.601)	322048	5.00000	5.104(A)
	20 Ronnel	11.238	11.241	(0.630)	302582	5.00000	4.640
	21 Malathion	11.801	11.804	(0.661)	283462	5.00000	4.812
	22 Fenthion	11.930	11.932	(0.669)	301476	5.00000	4.701
	23 Parathion	12.020	12.019	(0.674)	334974	5.00000	4.908
	24 Chlorpyrifos	12.068	12.067	(0.676)	398604	5.00000	4.827
	25 Trichloronate	12.493	12.496	(0.700)	365975	5.00000	4.959
	26 Anilazine	12.815	12.817	(0.718)	34322	5.00000	4.247
	27 Merphos-A (Merphos)	13.196	13.199	(0.740)	302744	5.00000	4.916
	28 Tetrachlorvinphos (Stirophos)	13.818	13.824	(0.774)	210886	5.00000	5.153(A)
	29 Tokuthion	14.448	14.449	(0.810)	351657	5.00000	4.970
	30 Merphos-B (Merphos Oxone)	14.646	14.651	(0.821)	79809	5.00000	4.813
	31 Carbophenothion-methyl	15.235	15.239	(0.854)	266724	5.00000	4.968
	32 Fensulfothion	15.356	15.361	(0.861)	295978	5.00000	4.978
	33 Bolstar / Famphur	16.053	16.053	(0.900)	629265	10.0000	9.297

		Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34	Carbophenothion	16.196	16.197	(0.908)	321417	5.00000	4.733
$	35	Triphenyl phosphate	16.710	16.712	(0.936)	244102	5.00000	4.730(A)
	36	Phosmet	16.963	16.963	(0.951)	290049	5.00000	4.990
	37	EPN	17.150	17.151	(0.961)	294020	5.00000	5.219(A)
	38	Azinphos-methyl	17.478	17.480	(0.980)	309219	5.00000	4.993
*	39	TOCP	17.843	17.846	(1.000)	102065	2.00000	
	40	Azinphos-ethyl	17.923	17.926	(1.004)	318459	5.00000	4.789
	41	Coumaphos	18.363	18.366	(1.029)	252650	5.00000	5.058(A)
S	42	Merphos				382553	5.00000	4.876
M	43	Total Demeton				429957	5.00000	5.110

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

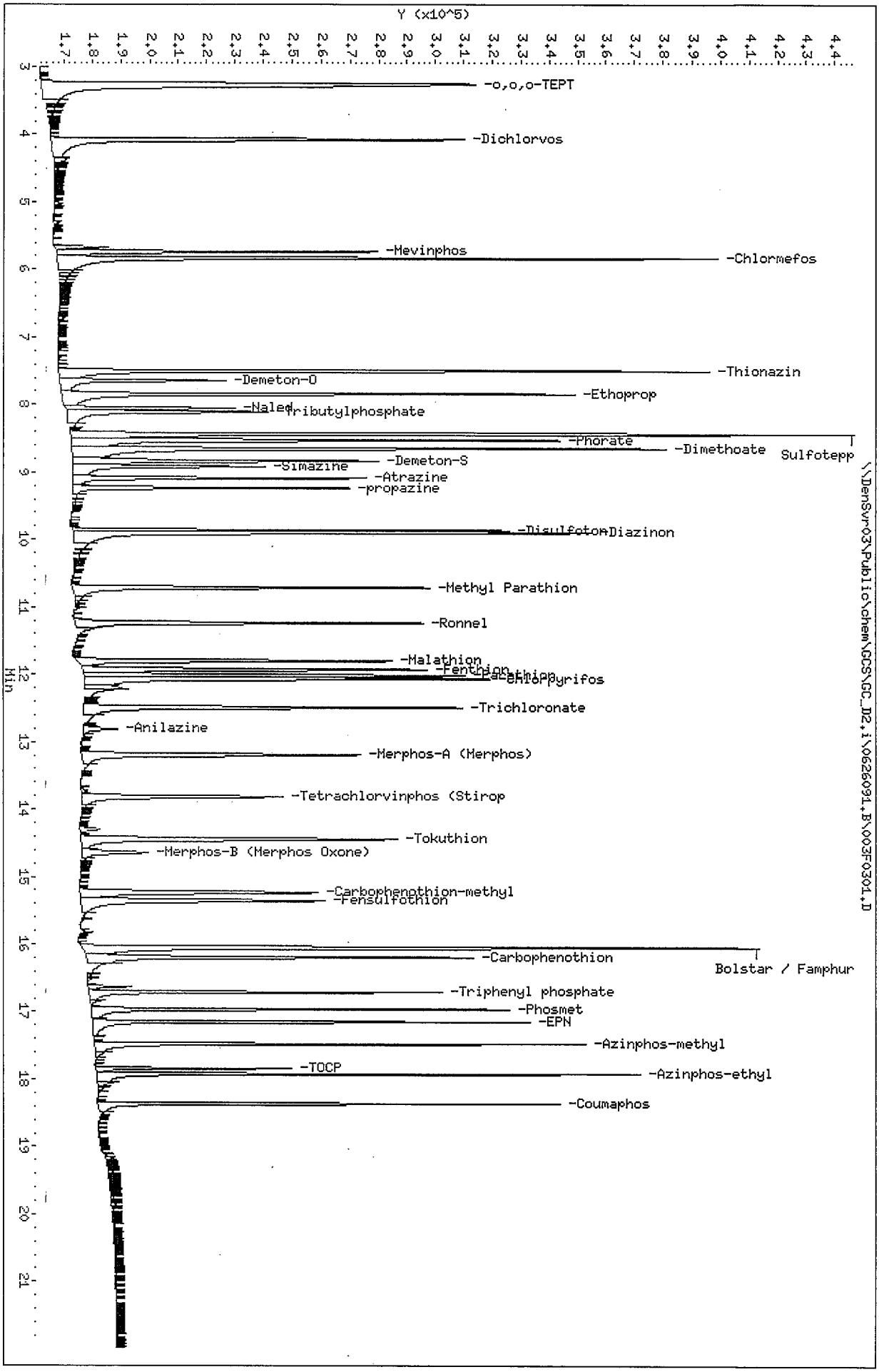
Instrument ID: GC_D2.i
Lab File ID: 003F0301.D
Lab Smp Id: OPP L7 GSV0634
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 26-JUN-2009
Calibration Time: 21:40
Client Smp ID: OPP L7 GSV0634
Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	166572	83286	333144	206876	24.20
39 TOCP	99647	49824	199294	102065	2.43

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.11	7.61	8.61	8.11	-0.03
39 TOCP	17.84	17.34	18.34	17.84	0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\003F0301.D
Date : 26-JUN-2009 18:28
Client ID: OPP L7 GSV0634
Sample Info: OPP L7 GSV0634
Column phase: RTx-1MS

Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\004F0401.D
Lab Smp Id: OPP L6 GSV0637 Client Smp ID: OPP L6 GSV0637
Inj Date : 26-JUN-2009 18:55
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L6 GSV0637
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Meth Date : 30-Jun-2009 12:45 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 18:28 Cal File: 003F0301.D
Als bottle: 4 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/mL)
	1 o,o,o-TEPT	3.254	3.254	(0.182)	559984	4.00000	4.123
	2 Dichlorvos	4.074	4.074	(0.228)	337386	4.00000	4.000
	3 Mevinphos	5.736	5.739	(0.321)	189437	4.00000	4.089
$	4 Chlormefos	5.834	5.836	(0.327)	433193	4.00000	4.101
	5 Thionazin	7.504	7.507	(0.421)	385808	4.00000	4.002
	6 Demeton-O	7.646	7.649	(0.429)	113108	1.30000	1.237
	7 Ethoprop	7.848	7.852	(0.440)	343730	4.00000	4.069
	8 Naled	8.054	8.057	(0.451)	90892	4.00000	4.172
*	9 Tributylphosphate	8.111	8.135	(1.000)	190710	2.00000	
	10 Sulfotepp	8.439	8.442	(0.473)	486417	4.00000	4.072
	11 Phorate	8.531	8.532	(0.478)	345415	4.00000	3.949
	12 Dimethoate	8.654	8.659	(0.485)	445385	4.00000	4.383
	13 Demeton-S	8.838	8.846	(0.495)	208362	2.72000	2.828
	14 Simazine	8.919	8.924	(0.500)	147784	4.00000	4.272
	15 Atrazine	9.089	9.094	(0.509)	175159	4.00000	4.445
	16 propazine	9.236	9.241	(0.518)	156982	4.00000	4.318
	17 Disulfoton	9.868	9.869	(0.553)	247845	4.00000	4.214
	18 Diazinon	9.901	9.902	(0.555)	354996	4.00000	3.778
	19 Methyl Parathion	10.714	10.717	(0.601)	250051	4.00000	4.196
	20 Ronnel	11.239	11.241	(0.630)	259621	4.00000	4.214
	21 Malathion	11.799	11.804	(0.661)	228260	4.00000	4.097
	22 Fenthion	11.931	11.932	(0.669)	241990	4.00000	3.995
	23 Parathion	12.018	12.019	(0.674)	267071	4.00000	4.142
	24 Chlorpyrifos	12.066	12.067	(0.676)	312992	4.00000	4.013
	25 Trichloronate	12.493	12.496	(0.700)	293942	4.00000	4.216
	26 Anilazine	12.814	12.817	(0.718)	29375	4.00000	4.019
	27 Merphos-A (Merphos)	13.196	13.199	(0.740)	239875	4.00000	4.124
	28 Tetrachlorvinphos (Stirophos)	13.818	13.824	(0.774)	164180	4.00000	4.247
	29 Tokuthion	14.446	14.449	(0.810)	271654	4.00000	4.065
	30 Merphos-B (Merphos Oxone)	14.648	14.651	(0.821)	65974	4.00000	4.215
	31 Carbophenothion-methyl	15.234	15.239	(0.854)	206137	4.00000	4.052
	32 Fensulfothion	15.358	15.361	(0.861)	229856	4.00000	4.110
	33 Bolstar / Famphur	16.053	16.053	(0.900)	495681	8.00000	7.753

		Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34	Carbophenothion	16.194	16.197	(0.908)	272632	4.00000	4.251
$	35	Triphenyl phosphate	16.711	16.712	(0.937)	194548	4.00000	3.991(A)
	36	Phosmet	16.963	16.963	(0.951)	223910	4.00000	4.079
	37	EPN	17.148	17.151	(0.961)	220388	4.00000	4.152
	38	Azinphos-methyl	17.478	17.480	(0.980)	244293	4.00000	4.176
*	39	TOCP	17.843	17.846	(1.000)	96406	2.00000	
	40	Azinphos-ethyl	17.923	17.926	(1.004)	253982	4.00000	4.021
	41	Coumaphos	18.363	18.366	(1.029)	194765	4.00000	4.128
S	42	Merphos				305849	4.00000	4.161
M	43	Total Demeton				321470	4.00000	4.064

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

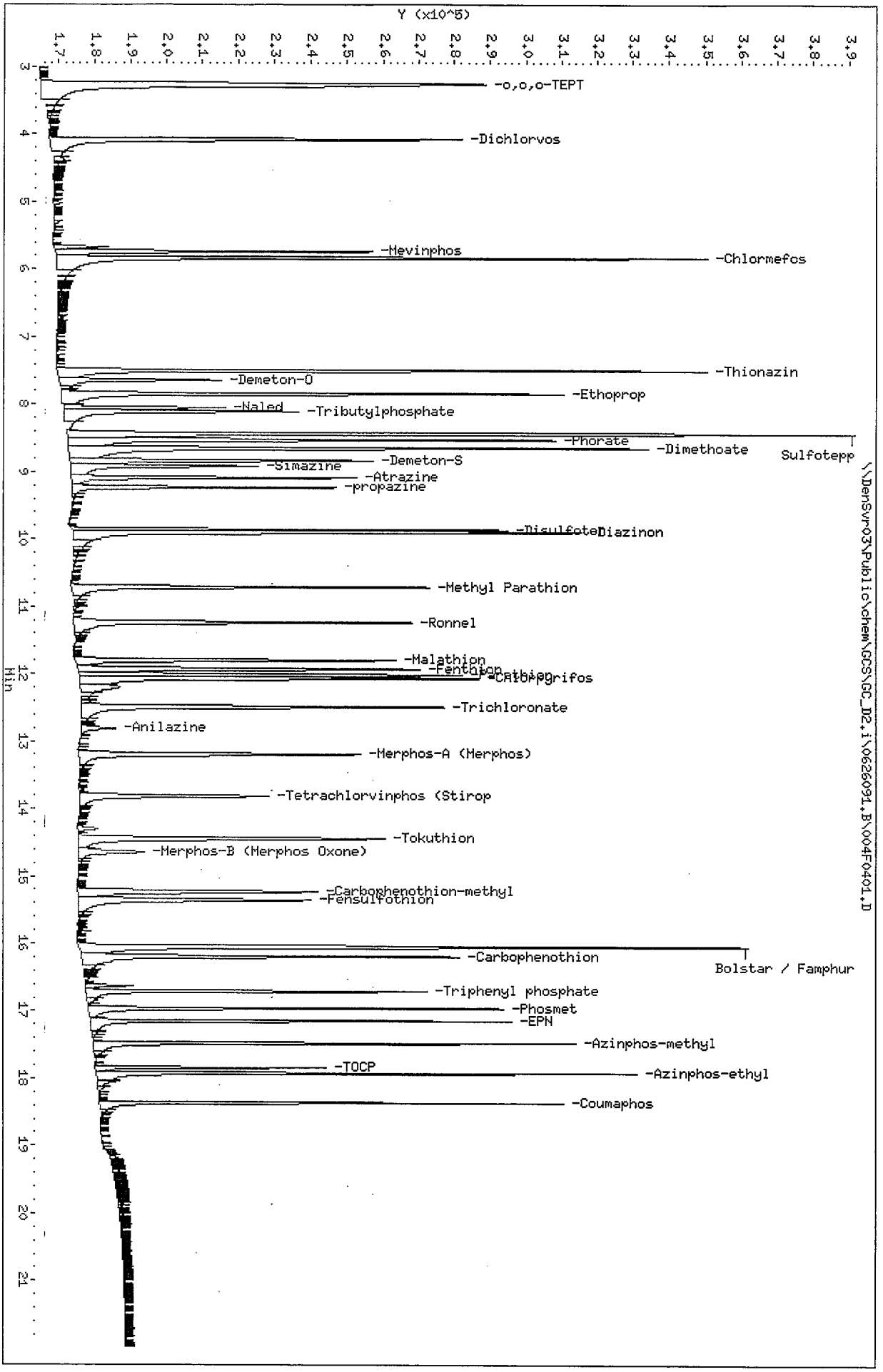
Instrument ID: GC_D2.i
Lab File ID: 004F0401.D
Lab Smp Id: OPP L6 GSV0637
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 26-JUN-2009
Calibration Time: 21:40
Client Smp ID: OPP L6 GSV0637
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	166572	83286	333144	190710	14.49
39 TOCP	99647	49824	199294	96406	-3.25

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.11	7.61	8.61	8.11	-0.01
39 TOCP	17.84	17.34	18.34	17.84	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\004F0401.D
Date : 26-JUN-2009 18:55
Client ID: OPP L6 GSV0637
Sample Info: OPP L6 GSV0637
Column phase: RTx-1MS
Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\005F0501.D
Lab Smp Id: OPP L5 GSV0635 Client Smp ID: OPP L5 GSV0635
Inj Date : 26-JUN-2009 19:23
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L5 GSV0635
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Meth Date : 30-Jun-2009 12:45 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 18:55 Cal File: 004F0401.D
Als bottle: 5 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/mL)
	1 o,o,o-TEPT	3.254	3.254	(0.182)	430120	3.00000	2.892
	2 Dichlorvos	4.074	4.074	(0.228)	272336	3.00000	2.949
	3 Mevinphos	5.737	5.739	(0.322)	150686	3.00000	2.970
$	4 Chlormefos	5.834	5.836	(0.327)	373109	3.00000	3.226
	5 Thionazin	7.504	7.507	(0.421)	310451	3.00000	2.941
	6 Demeton-O	7.646	7.649	(0.429)	96004	0.97500	0.9530
	7 Ethoprop	7.847	7.852	(0.440)	275706	3.00000	2.981
	8 Naled	8.054	8.057	(0.451)	67594	3.00000	2.896
*	9 Tributylphosphate	8.111	8.135	(1.000)	190357	2.00000	
	10 Sulfotepp	8.439	8.442	(0.473)	393078	3.00000	2.987
	11 Phorate	8.531	8.532	(0.478)	279291	3.00000	2.916
	12 Dimethoate	8.654	8.659	(0.485)	354003	3.00000	3.181
	13 Demeton-S	8.837	8.846	(0.495)	167136	2.04000	2.071
	14 Simazine	8.919	8.924	(0.500)	115426	3.00000	3.070
	15 Atrazine	9.089	9.094	(0.509)	135287	3.00000	3.135
	16 propazine	9.236	9.241	(0.518)	119795	3.00000	3.009
	17 Disulfoton	9.867	9.869	(0.553)	193050	3.00000	2.986
	18 Diazinon	9.901	9.902	(0.555)	314608	3.00000	3.057
	19 Methyl Parathion	10.714	10.717	(0.600)	206402	3.00000	3.163
	20 Ronnel	11.239	11.241	(0.630)	197062	3.00000	2.921
	21 Malathion	11.799	11.804	(0.661)	186013	3.00000	3.038
	22 Fenthion	11.931	11.932	(0.669)	198864	3.00000	2.998
	23 Parathion	12.017	12.019	(0.674)	215846	3.00000	3.057
	24 Chlorpyrifos	12.066	12.067	(0.676)	255782	3.00000	2.995
	25 Trichloronate	12.494	12.496	(0.700)	231599	3.00000	3.034
	26 Anilazine	12.812	12.817	(0.718)	19893	3.00000	2.881
	27 Merphos-A (Merphos)	13.196	13.199	(0.740)	192022	3.00000	3.015
	28 Tetrachlorvinphos (Stirophos)	13.816	13.824	(0.774)	134968	3.00000	3.188
	29 Tokuthion	14.447	14.449	(0.810)	220825	3.00000	3.018
	30 Merphos-B (Merphos Oxone)	14.647	14.651	(0.821)	50056	3.00000	2.927
	31 Carbophenothion-methyl	15.236	15.239	(0.854)	167145	3.00000	2.983
	32 Fensulfothion	15.356	15.361	(0.861)	185778	3.00000	3.058
	33 Bolstar / Famphur	16.051	16.053	(0.900)	404218	6.00000	5.774

		Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34	Carbophenothion	16.194	16.197	(0.908)	199717	3.00000	2.844
$	35	Triphenyl phosphate	16.711	16.712	(0.937)	157761	3.00000	2.956(A)
	36	Phosmet	16.962	16.963	(0.951)	177892	3.00000	2.959
	37	EPN	17.149	17.151	(0.961)	171283	3.00000	2.961
	38	Azinphos-methyl	17.476	17.480	(0.979)	195645	3.00000	3.054
*	39	TOCP	17.842	17.846	(1.000)	105568	2.00000	
	40	Azinphos-ethyl	17.922	17.926	(1.004)	209971	3.00000	2.999
	41	Coumaphos	18.364	18.366	(1.029)	159962	3.00000	3.096
S	42	Merphos				242078	3.00000	2.978
M	43	Total Demeton				263140	3.00000	3.024

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

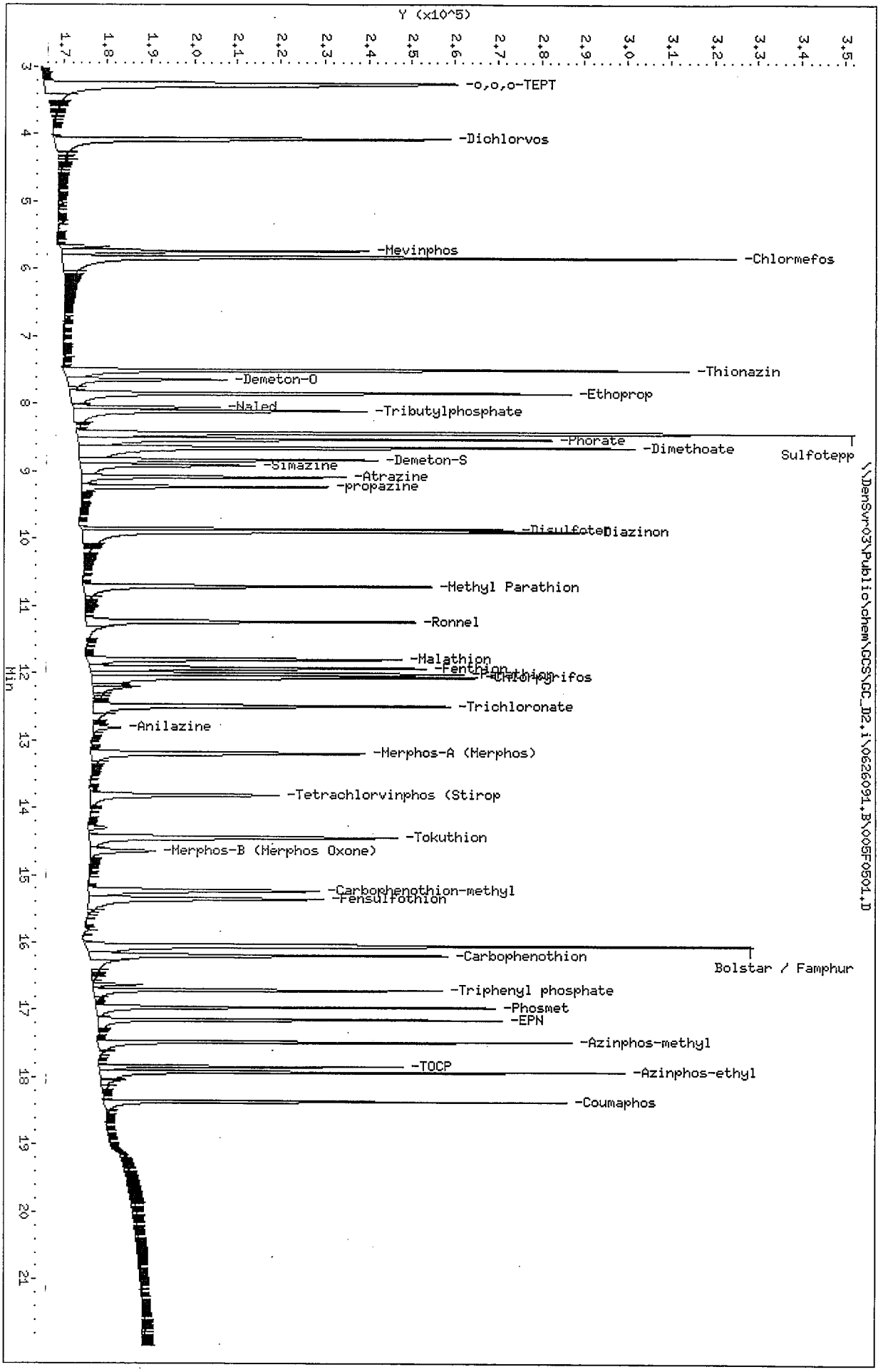
Instrument ID: GC_D2.i
Lab File ID: 005F0501.D
Lab Smp Id: OPP L5 GSV0635
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 26-JUN-2009
Calibration Time: 21:40
Client Smp ID: OPP L5 GSV0635
Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	166572	83286	333144	190357	14.28
39 TOCP	99647	49824	199294	105568	5.94

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.11	7.61	8.61	8.11	-0.02
39 TOCP	17.84	17.34	18.34	17.84	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\005F0501.D
Date : 26-JUN-2009 19:23
Client ID: OPP L5 GSV0635
Sample Info: OPP L5 GSV0635
Column phase: RTx-1HS

Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\006F0601.D
Lab Smp Id: OPP L4 GSV0638 Client Smp ID: OPP L4 GSV0638
Inj Date : 26-JUN-2009 19:50
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L4 GSV0638
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Meth Date : 30-Jun-2009 12:45 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 19:23 Cal File: 005F0501.D
Als bottle: 6 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/mL)
	1 o,o,o-TEPT	3.255	3.254	(0.182)	282037	2.00000	2.056
	2 Dichlorvos	4.075	4.074	(0.228)	171715	2.00000	2.016
	3 Mevinphos	5.737	5.739	(0.322)	99077	2.00000	2.117
$	4 Chlormefos	5.834	5.836	(0.327)	220122	2.00000	2.064
	5 Thionazin	7.504	7.507	(0.421)	202723	2.00000	2.082
	6 Demeton-O	7.647	7.649	(0.429)	62341	0.65000	0.6633
	7 Ethoprop	7.849	7.852	(0.440)	168636	2.00000	1.977
	8 Naled	8.055	8.057	(0.451)	36940	2.00000	1.794
*	9 Tributylphosphate	8.112	8.135	(1.000)	160310	2.00000	
	10 Sulfotepp	8.439	8.442	(0.473)	259970	2.00000	2.122
	11 Phorate	8.530	8.532	(0.478)	177561	2.00000	2.010
	12 Dimethoate	8.655	8.659	(0.485)	219744	2.00000	2.141
	13 Demeton-S	8.840	8.846	(0.495)	104966	1.36000	1.410
	14 Simazine	8.919	8.924	(0.500)	64611	2.00000	1.894
	15 Atrazine	9.089	9.094	(0.509)	82396	2.00000	2.070
	16 propazine	9.235	9.241	(0.518)	76116	2.00000	2.073
	17 Disulfoton	9.867	9.869	(0.553)	127893	2.00000	2.134
	18 Diazinon	9.902	9.902	(0.555)	196533	2.00000	2.071
	19 Methyl Parathion	10.714	10.717	(0.600)	128904	2.00000	2.142
	20 Ronnel	11.239	11.241	(0.630)	125931	2.00000	2.024
	21 Malathion	11.799	11.804	(0.661)	119836	2.00000	2.110
	22 Fenthion	11.930	11.932	(0.669)	125692	2.00000	2.054
	23 Parathion	12.017	12.019	(0.673)	135333	2.00000	2.078
	24 Chlorpyrifos	12.067	12.067	(0.676)	158619	2.00000	2.014
	25 Trichloronate	12.494	12.496	(0.700)	144264	2.00000	2.049
	26 Anilazine	12.815	12.817	(0.718)	12790	2.00000	2.151
	27 Merphos-A (Merphos)	13.197	13.199	(0.740)	120719	2.00000	2.055
	28 Tetrachlorvinphos (Stirophos)	13.817	13.824	(0.774)	81250	2.00000	2.081
	29 Tokuthion	14.447	14.449	(0.810)	140431	2.00000	2.081
	30 Merphos-B (Merphos Oxone)	14.649	14.651	(0.821)	34113	2.00000	2.168
	31 Carbophenothion-methyl	15.235	15.239	(0.854)	105577	2.00000	2.022
	32 Fensulfothion	15.357	15.361	(0.861)	104440	2.00000	1.901
	33 Bolstar / Famphur	16.052	16.053	(0.900)	260611	4.00000	4.036

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	16.195	16.197	(0.908)	128846	2.00000	1.989
$	35 Triphenyl phosphate	16.710	16.712	(0.936)	102669	2.00000	2.086 (A)
	36 Phosmet	16.962	16.963	(0.951)	117406	2.00000	2.118
	37 EPN	17.149	17.151	(0.961)	111165	2.00000	2.098
	38 Azinphos-methyl	17.477	17.480	(0.979)	124853	2.00000	2.113
*	39 TOCP	17.844	17.846	(1.000)	97363	2.00000	
	40 Azinphos-ethyl	17.924	17.926	(1.004)	134607	2.00000	2.040
	41 Coumaphos	18.364	18.366	(1.029)	99259	2.00000	2.083
S	42 Merphos				154832	2.00000	2.068
M	43 Total Demeton				167307	2.00000	2.074

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

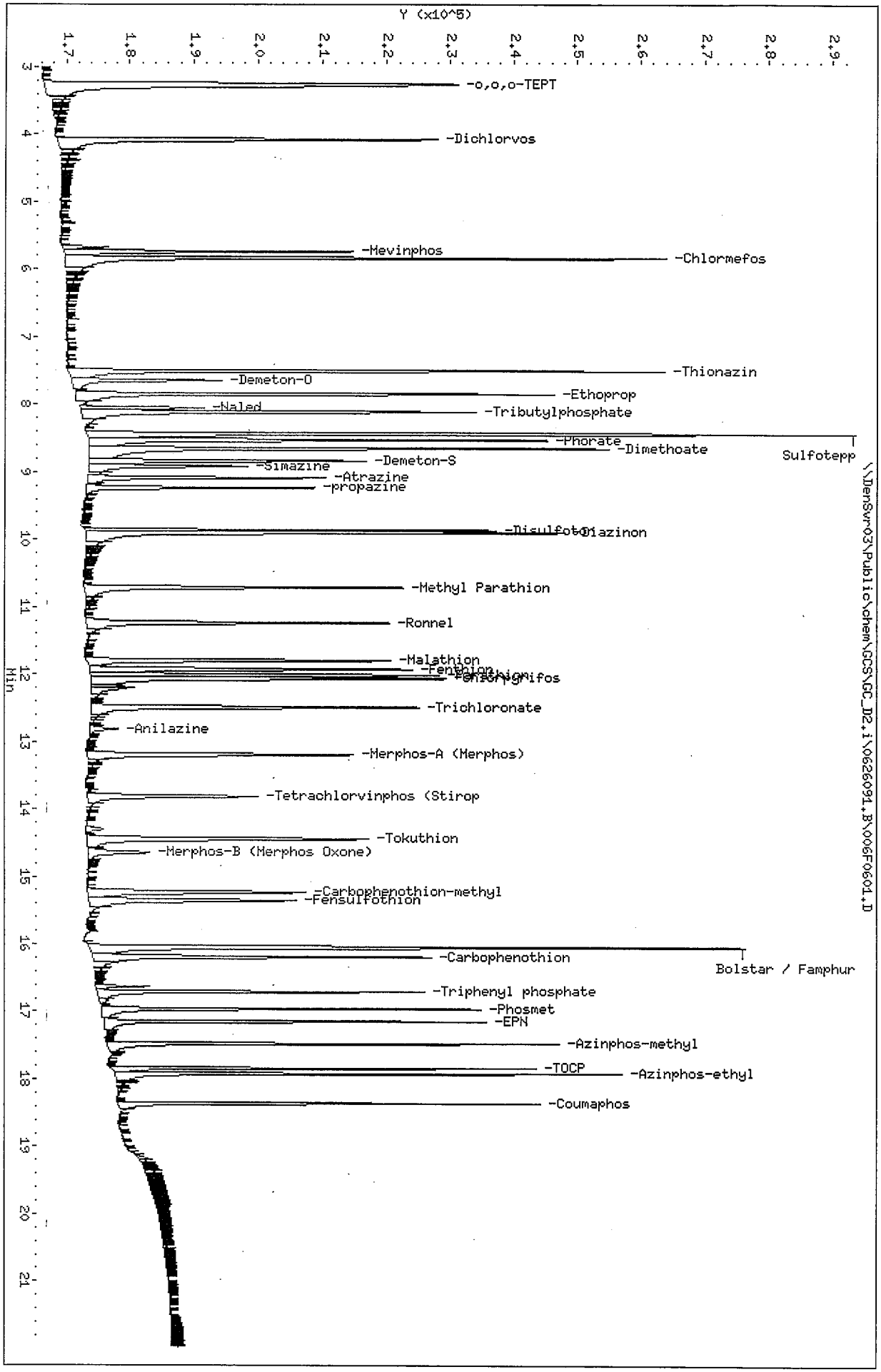
Instrument ID: GC_D2.i
Lab File ID: 006F0601.D
Lab Smp Id: OPP L4 GSV0638
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 26-JUN-2009
Calibration Time: 19:50
Client Smp ID: OPP L4 GSV0638
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	160310	80155	320620	160310	0.00
39 TOCP	97363	48682	194726	97363	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.11	7.61	8.61	8.11	0.00
39 TOCP	17.84	17.34	18.34	17.84	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



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Date : 26-JUN-2009 19:50
Client ID: OPP L4 GSV0638
Sample Info: OPP L4 GSV0638
Column phase: RTx-1MS

Instrument: GC_D2,i
Operator: HPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\007F0701.D
Lab Smp Id: OPP L3 GSV0639 Client Smp ID: OPP L3 GSV0639
Inj Date : 26-JUN-2009 20:18
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L3 GSV0639
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Meth Date : 30-Jun-2009 12:45 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 19:50 Cal File: 006F0601.D
Als bottle: 7 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1 o,o,o-TEPT	3.253	3.254	(0.182)	136897	1.00000	0.9509
	2 Dichlorvos	4.075	4.074	(0.228)	81003	1.00000	0.9061
	3 Mevinphos	5.738	5.739	(0.322)	46063	1.00000	0.9380
$	4 Chlormefos	5.833	5.836	(0.327)	102183	1.00000	0.9128
	5 Thionazin	7.503	7.507	(0.421)	99560	1.00000	0.9745
	6 Demeton-O	7.645	7.649	(0.429)	30145	0.32500	0.2917
	7 Ethoprop	7.850	7.852	(0.440)	82934	1.00000	0.9263
	8 Naled	8.055	8.057	(0.451)	15042	1.00000	0.8141
*	9 Tributylphosphate	8.113	8.135	(1.000)	156624	2.00000	
	10 Sulfotepp	8.438	8.442	(0.473)	131347	1.00000	0.9856
	11 Phorate	8.530	8.532	(0.478)	88795	1.00000	0.9577
	12 Dimethoate	8.657	8.659	(0.485)	105981	1.00000	0.9840
	13 Demeton-S	8.840	8.846	(0.495)	51826	0.68000	0.6636
	14 Simazine	8.918	8.924	(0.500)	29382	1.00000	0.8660
	15 Atrazine	9.088	9.094	(0.509)	38356	1.00000	0.9184
	16 propazine	9.235	9.241	(0.518)	35375	1.00000	0.9180
	17 Disulfoton	9.867	9.869	(0.553)	61920	1.00000	0.9637
	18 Diazinon	9.902	9.902	(0.555)	93892	1.00000	0.9427
	19 Methyl Parathion	10.715	10.717	(0.601)	58112	1.00000	0.9200
	20 Ronnel	11.240	11.241	(0.630)	61984	1.00000	0.9493
	21 Malathion	11.800	11.804	(0.661)	57103	1.00000	0.9353
	22 Fenthion	11.930	11.932	(0.669)	59512	1.00000	0.9268
	23 Parathion	12.017	12.019	(0.674)	63007	1.00000	0.9220
	24 Chlorpyrifos	12.067	12.067	(0.676)	75298	1.00000	0.9108
	25 Trichloronate	12.493	12.496	(0.700)	68852	1.00000	0.9318
	26 Anilazine	12.817	12.817	(0.718)	5311	1.00000	0.9480
	27 Merphos-A (Merphos)	13.198	13.199	(0.740)	59249	1.00000	0.9611
	28 Tetrachlorvinphos (Stirophos)	13.818	13.824	(0.775)	37534	1.00000	0.9161
	29 Tokuthion	14.448	14.449	(0.810)	66164	1.00000	0.9341
	30 Merphos-B (Merphos Oxone)	14.647	14.651	(0.821)	11676	1.00000	0.7212
	31 Carbophenothion-methyl	15.235	15.239	(0.854)	55023	1.00000	0.9704
	32 Fensulfothion	15.360	15.361	(0.861)	51304	1.00000	0.9402
	33 Bolstar / Famphur	16.050	16.053	(0.900)	135217	2.00000	1.995

		Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34	Carbophenothion	16.193	16.197	(0.908)	65237	1.00000	0.9596
$	35	Triphenyl phosphate	16.708	16.712	(0.936)	49547	1.00000	0.9591
	36	Phosmet	16.962	16.963	(0.951)	56728	1.00000	0.9749
	37	EPN	17.148	17.151	(0.961)	48705	1.00000	0.9045
	38	Azinphos-methyl	17.478	17.480	(0.980)	59658	1.00000	0.9622
*	39	TOCP	17.842	17.846	(1.000)	102183	2.00000	
	40	Azinphos-ethyl	17.923	17.926	(1.005)	74071	1.00000	0.9989
	41	Coumaphos	18.363	18.366	(1.029)	47132	1.00000	0.9424
S	42	Merphos				70925	1.00000	0.8976
M	43	Total Demeton				81971	1.00000	0.9553

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

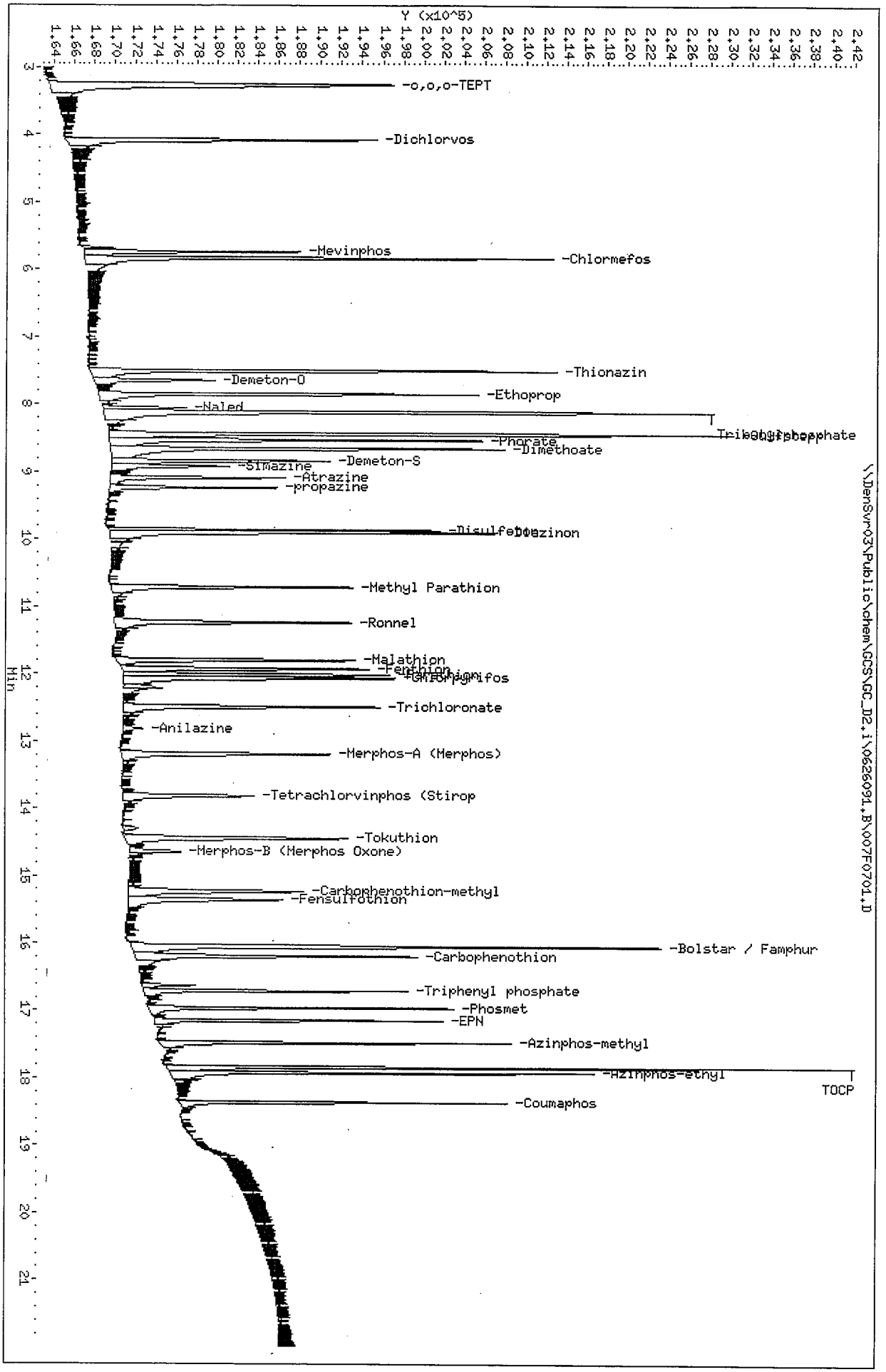
Instrument ID: GC_D2.i
Lab File ID: 007F0701.D
Lab Smp Id: OPP L3 GSV0639
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 26-JUN-2009
Calibration Time: 19:50
Client Smp ID: OPP L3 GSV0639
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	160310	80155	320620	156624	-2.30
39 TOCP	97363	48682	194726	102183	4.95

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.11	7.61	8.61	8.11	0.02
39 TOCP	17.84	17.34	18.34	17.84	-0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\007F0701.D
Date : 26-JUN-2009 20:18
Client ID: OPP L3 GSV0639
Sample Info: OPP L3 GSV0639
Column phase: RTx-1MS
Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32
Y (x10^5)
Min
\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\007F0701.D
-o,o,o-TEPT
-Dichlorvos
-Mevinphos
-Chlormefos
-Thionazin
-Demeton-O
-Ethoprop
-Naled
-Phorate
-Dimethoate
-Simazine
-Demeton-S
-Atrazine
-propazine
-Methyl Parathion
-Ronnel
-Malathion
-Trichloronate
-Anilazine
-Merphos-A (Merphos)
-Tetrachlorvinphos (Stirop
-Tokuthion
-Merphos-B (Merphos Oxone)
-Carbophenothion-methyl
-Fensulfothion
-Bolstar / Famphur
-Carbophenothion
-Triphenyl phosphate
-Phosmet
-EPN
-Azinphos-methyl
-Azinphos-ethyl
TCCP
-Coumaphos

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\008F0801.D
Lab Smp Id: OPP L2 GSV0640 Client Smp ID: OPP L2 GSV0640
Inj Date : 26-JUN-2009 20:45
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L2 GSV0640
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Meth Date : 30-Jun-2009 12:45 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 20:18 Cal File: 007F0701.D
Als bottle: 8 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1 o,o,o-TEPT	3.255	3.254	(0.182)	68743	0.50000	0.4680
	2 Dichlorvos	4.076	4.074	(0.228)	42284	0.50000	0.4636
	3 Mevinphos	5.738	5.739	(0.322)	23796	0.50000	0.4749
$	4 Chlormefos	5.833	5.836	(0.327)	53089	0.50000	0.4648
	5 Thionazin	7.505	7.507	(0.421)	50724	0.50000	0.4866
	6 Demeton-O	7.646	7.649	(0.429)	17553	0.16250	0.1554
	7 Ethoprop	7.851	7.852	(0.440)	44525	0.50000	0.4874
	8 Naled	8.056	8.057	(0.452)	6103	0.50000	0.4398
*	9 Tributylphosphate	8.113	8.135	(1.000)	165852	2.00000	
	10 Sulfotepp	8.438	8.442	(0.473)	70885	0.50000	0.4886
	11 Phorate	8.530	8.532	(0.478)	47685	0.50000	0.5040
	12 Dimethoate	8.660	8.659	(0.485)	46100	0.50000	0.4195
	13 Demeton-S	8.843	8.846	(0.496)	25917	0.34000	0.3252
	14 Simazine	8.920	8.924	(0.500)	16248	0.50000	0.5059
	15 Atrazine	9.091	9.094	(0.510)	19948	0.50000	0.4681
	16 propazine	9.236	9.241	(0.518)	18281	0.50000	0.4649
	17 Disulfoton	9.866	9.869	(0.553)	33208	0.50000	0.4883
	18 Diazinon	9.903	9.902	(0.555)	47843	0.50000	0.4708
	19 Methyl Parathion	10.715	10.717	(0.601)	28773	0.50000	0.4464
	20 Ronnel	11.240	11.241	(0.630)	32156	0.50000	0.4827
	21 Malathion	11.800	11.804	(0.661)	30581	0.50000	0.4713
	22 Fenthion	11.931	11.932	(0.669)	30876	0.50000	0.4713
	23 Parathion	12.016	12.019	(0.673)	32682	0.50000	0.4687
	24 Chlorpyrifos	12.066	12.067	(0.676)	40856	0.50000	0.4843
	25 Trichloronate	12.493	12.496	(0.700)	37156	0.50000	0.4928
	26 Anilazine	12.820	12.817	(0.718)	2095	0.50000	0.4035 (M)
	27 Merphos-A (Merphos)	13.200	13.199	(0.740)	30112	0.50000	0.4787
	28 Tetrachlorvinphos (Stirophos)	13.818	13.824	(0.774)	19446	0.50000	0.4652
	29 Tokuthion	14.448	14.449	(0.810)	33437	0.50000	0.4626
	30 Merphos-B (Merphos Oxone)	14.651	14.651	(0.821)	7933	0.50000	0.4872 (M)
	31 Carbophenothion-methyl	15.235	15.239	(0.854)	30542	0.50000	0.4974
	32 Fensulfothion	15.360	15.361	(0.861)	23000	0.50000	0.4661
	33 Bolstar / Famphur	16.050	16.053	(0.899)	66619	1.00000	0.9635

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	16.193	16.197	(0.908)	31276	0.50000	0.4509
$	35 Triphenyl phosphate	16.710	16.712	(0.936)	25861	0.50000	0.4906
	36 Phosmet	16.961	16.963	(0.951)	26426	0.50000	0.4451
	37 EPN	17.148	17.151	(0.961)	23196	0.50000	0.4484
	38 Azinphos-methyl	17.478	17.480	(0.980)	29588	0.50000	0.4677
*	39 TOCP	17.843	17.846	(1.000)	104260	2.00000	
	40 Azinphos-ethyl	17.923	17.926	(1.004)	43578	0.50000	0.5132
	41 Coumaphos	18.363	18.366	(1.029)	23408	0.50000	0.4587
S	42 Merphos				38045	0.50000	0.4789
M	43 Total Demeton				43470	0.50000	0.4806

QC Flag Legend

M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

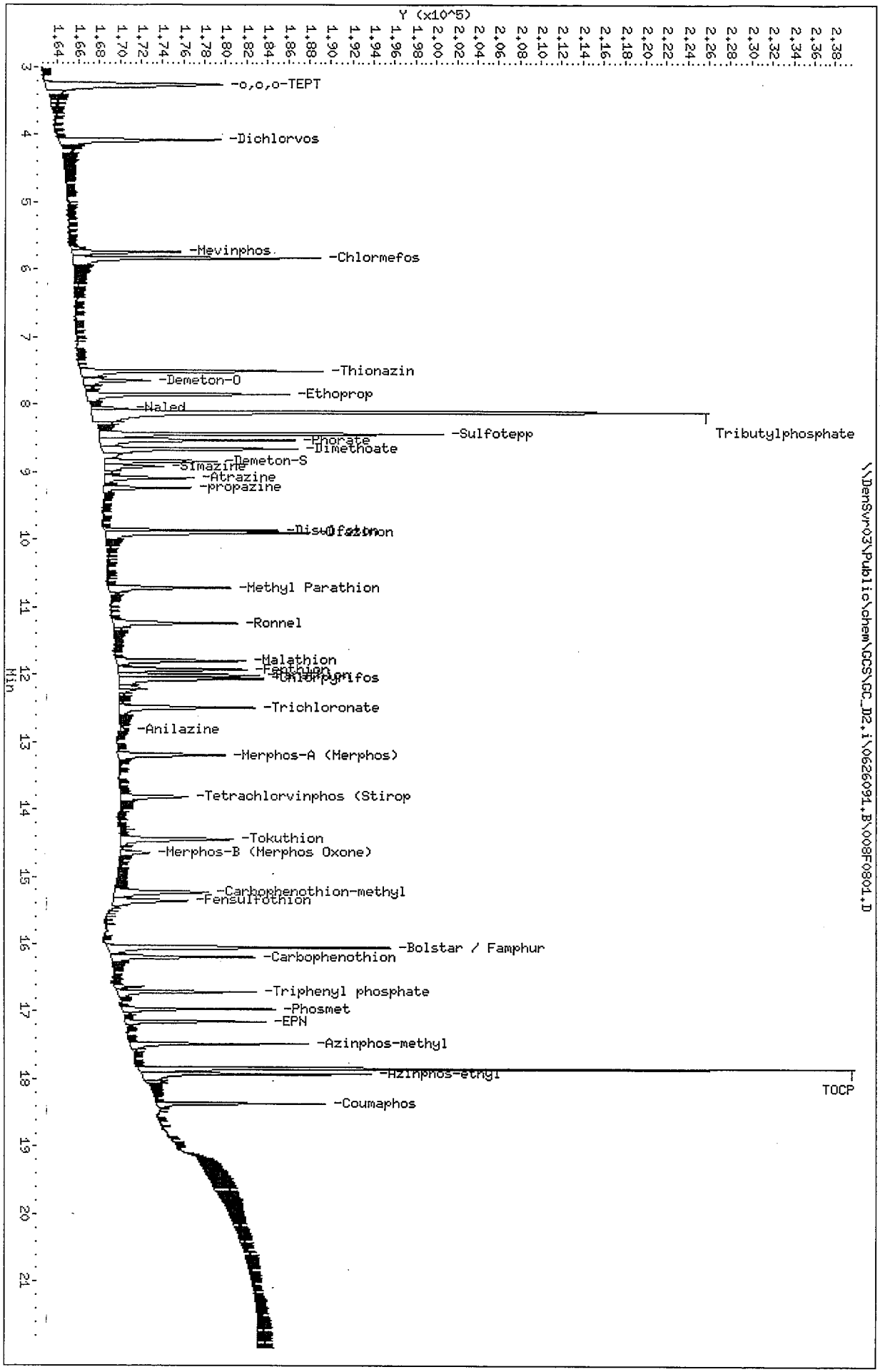
Instrument ID: GC_D2.i
Lab File ID: 008F0801.D
Lab Smp Id: OPP L2 GSV0640
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 26-JUN-2009
Calibration Time: 19:50
Client Smp ID: OPP L2 GSV0640
Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	160310	80155	320620	165852	3.46
39 TOCP	97363	48682	194726	104260	7.08

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.11	7.61	8.61	8.11	0.01
39 TOCP	17.84	17.34	18.34	17.84	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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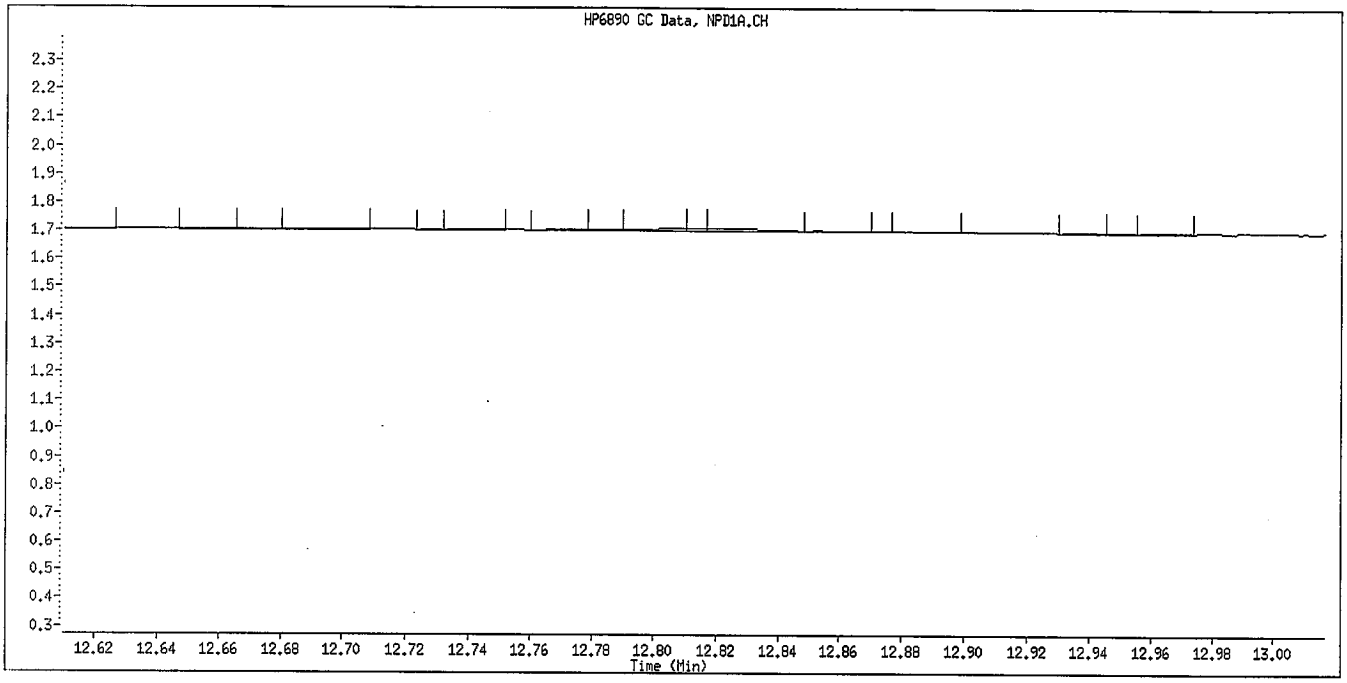
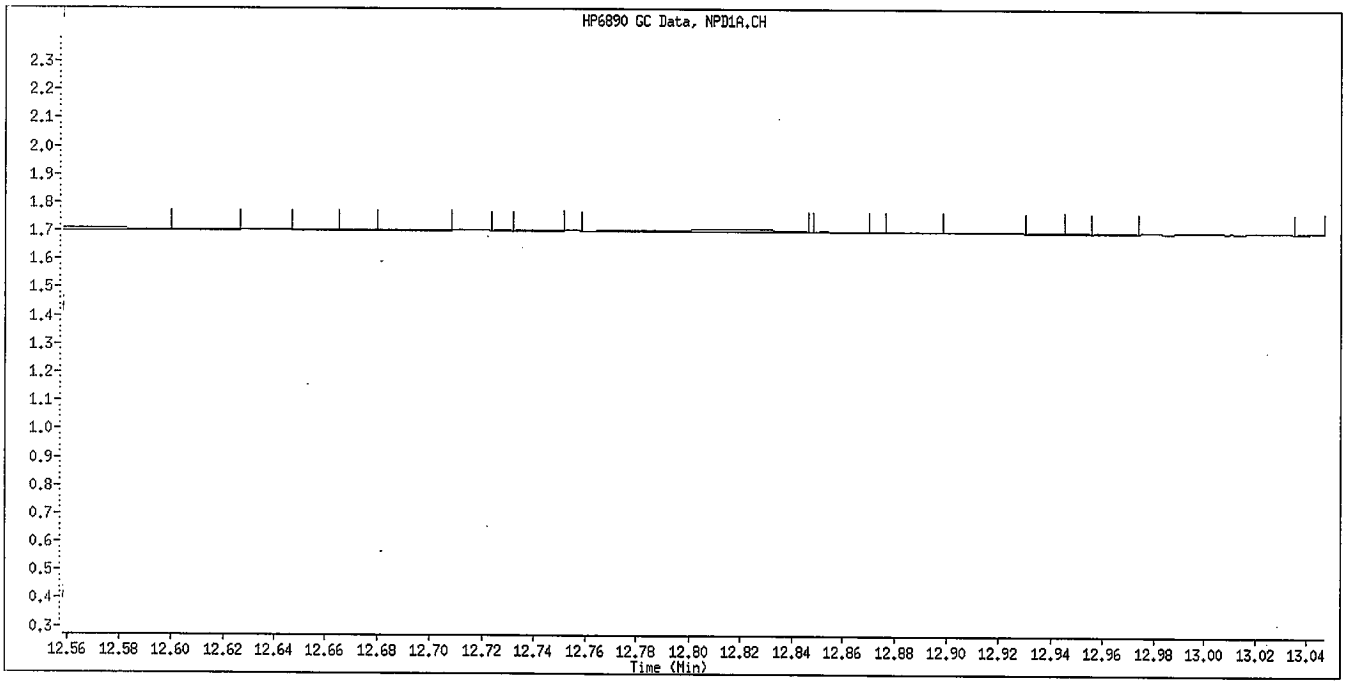
Date : 26-JUN-2009 20:45
Client ID: OPP L2 GSV0640
Sample Info: OPP L2 GSV0640
Column phase: RTx-1MS
Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32
\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\008F0801.D
Y (x10^5)
Min
-o,o,o-TEPT
-Dichlorvos
-Mevinphos
-Chlormefos
-Thionazin
-Demeton-O
-Ethoprop
-Naled
-Sulfotepp
Tributylphosphate
-Phorate
-Dimethoate
-Demeton-S
-Simazine
-Atrazine
-propazine
-Methyl Parathion
-Ronnel
-Malathion
-Trichloronate
-Anilazine
-Merphos-A (Merphos)
-Tetrachlorvinphos (Stirop
-Tokuthion
-Merphos-B (Merphos Oxone)
-Carbophenothion-methyl
-Fensulfothion
-Bolstar / Famphur
-Carbophenothion
-Triphenyl phosphate
-Phosmet
-EPN
-Azinphos-methyl
-Azinphos-ethyl
TOCP
-Coumaphos

Data File Name: 008F0801.D
Inj. Date and Time: 26-JUN-2009 20:45
Instrument ID: GC_D2.i
Client ID: OPP L2 GSV0640
Compound Name: Anilazine
CAS #:
Report Date: 06/30/2009



Original Integration

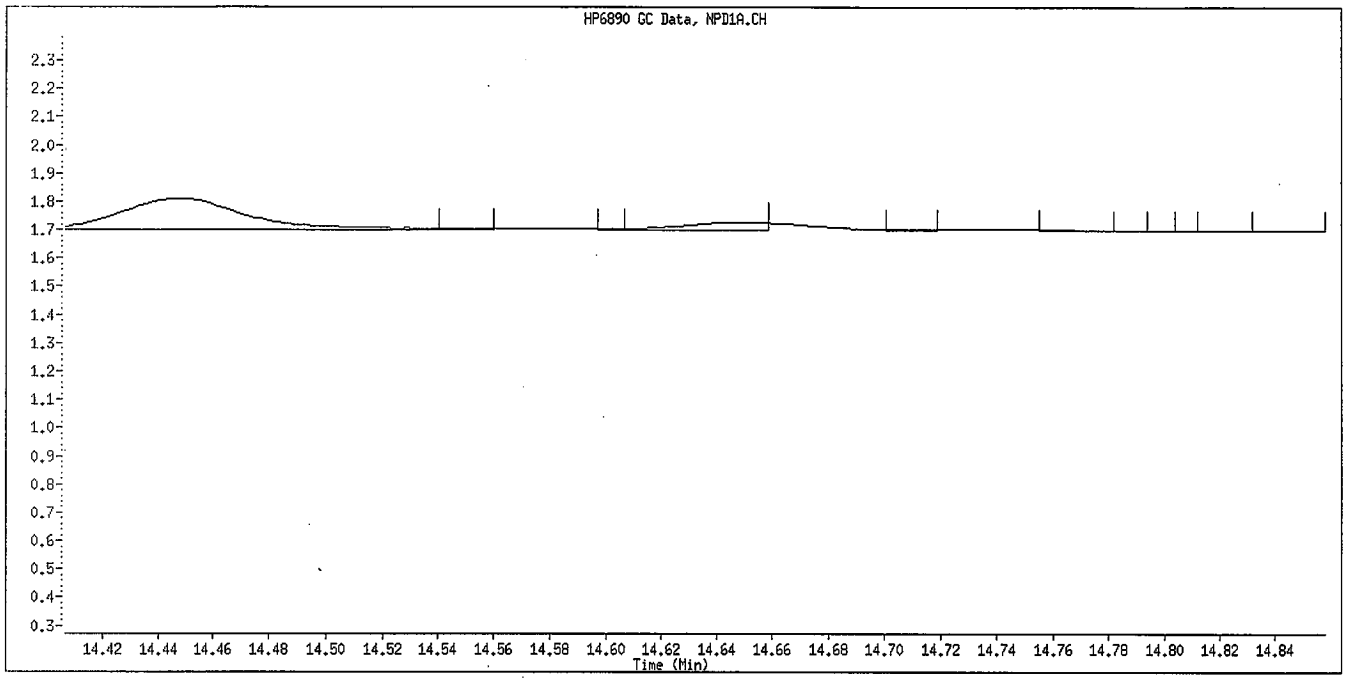


Manual Integration

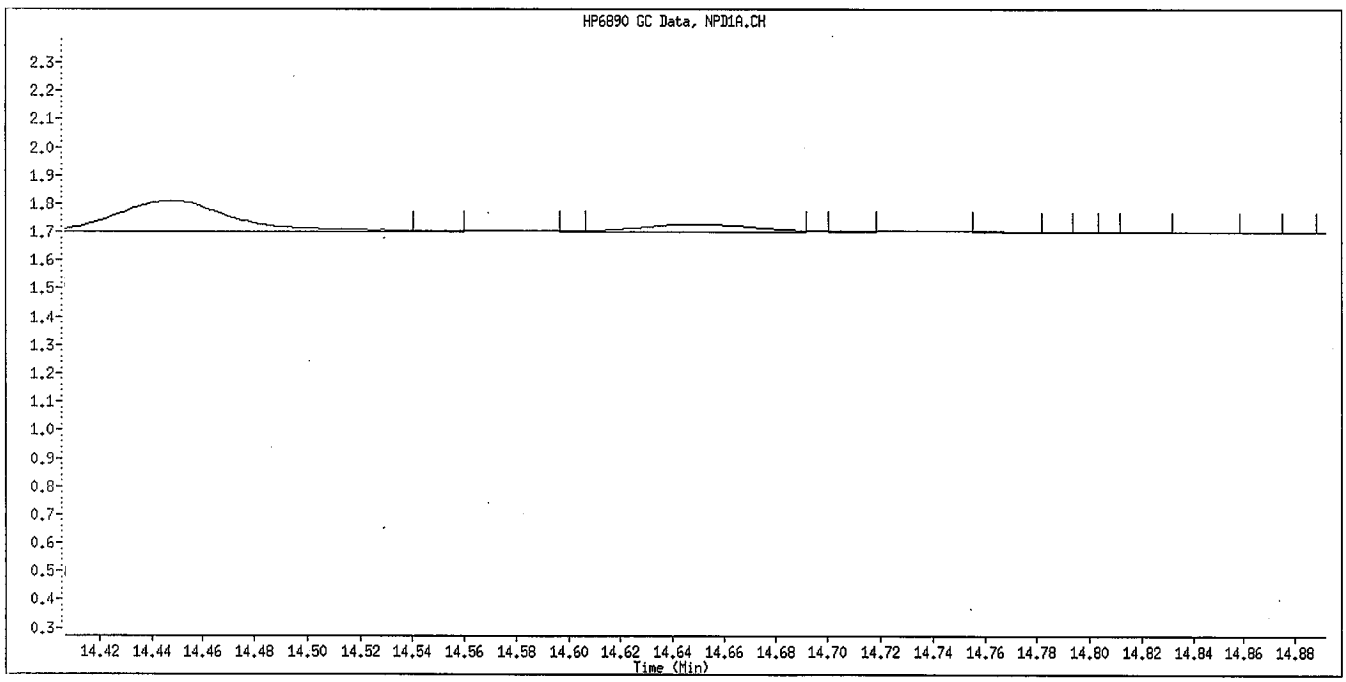
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

7/30/09

Data File Name: 008F0801.D
Inj. Date and Time: 26-JUN-2009 20:45
Instrument ID: GC_D2.i
Client ID: OPP L2 GSV0640
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\009F0901.D
Lab Smp Id: OPP L1 GSV0641 Client Smp ID: OPP L1 GSV0641
Inj Date : 26-JUN-2009 21:13
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L1 GSV0641
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Meth Date : 30-Jun-2009 12:45 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 20:45 Cal File: 008F0801.D
Als bottle: 9 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/mL)
	1 o,o,o-TEPT	3.258	3.254	(0.183)	32995	0.20000	0.2212
	2 Dichlorvos	4.081	4.074	(0.229)	21359	0.20000	0.2306
	3 Mevinphos	5.743	5.739	(0.322)	10777	0.20000	0.2118
$	4 Chlormefos	5.834	5.836	(0.327)	24167	0.20000	0.2083
	5 Thionazin	7.506	7.507	(0.421)	22524	0.20000	0.2127
	6 Demeton-O	7.646	7.649	(0.429)	9836	0.06500	0.07420
	7 Ethoprop	7.854	7.852	(0.440)	20488	0.20000	0.2208
	8 Naled	8.063	8.057	(0.452)	1992	0.20000	0.2720(M)
*	9 Tributylphosphate	8.114	8.135	(1.000)	165799	2.00000	
	10 Sulfotepp	8.439	8.442	(0.473)	34658	0.20000	0.1992
	11 Phorate	8.531	8.532	(0.478)	21475	0.20000	0.2235
	12 Dimethoate	8.664	8.659	(0.486)	20073	0.20000	0.1798
	13 Demeton-S	8.846	8.846	(0.496)	10751	0.13600	0.1328
	14 Simazine	8.926	8.924	(0.500)	4819	0.20000	0.2042(M)
	15 Atrazine	9.093	9.094	(0.510)	7432	0.20000	0.1717
	16 propazine	9.238	9.241	(0.518)	7824	0.20000	0.1959
	17 Disulfoton	9.868	9.869	(0.553)	15404	0.20000	0.2020
	18 Diazinon	9.904	9.902	(0.555)	23321	0.20000	0.2259
	19 Methyl Parathion	10.716	10.717	(0.601)	12987	0.20000	0.1984
	20 Ronnel	11.239	11.241	(0.630)	15128	0.20000	0.2236
	21 Malathion	11.801	11.804	(0.661)	15443	0.20000	0.2136
	22 Fenthion	11.931	11.932	(0.669)	15507	0.20000	0.2330
	23 Parathion	12.019	12.019	(0.674)	15083	0.20000	0.2130
	24 Chlorpyrifos	12.069	12.067	(0.676)	19655	0.20000	0.2294
	25 Trichloronate	12.494	12.496	(0.700)	15328	0.20000	0.2002
	26 Anilazine	12.824	12.817	(0.719)	1493	0.20000	0.2971(M)
	27 Merphos-A (Merphos)	13.199	13.199	(0.740)	13220	0.20000	0.2069
	28 Tetrachlorvinphos (Stirophos)	13.823	13.824	(0.775)	8134	0.20000	0.1916
	29 Tokuthion	14.448	14.449	(0.810)	15915	0.20000	0.2168
	30 Merphos-B (Merphos Oxone)	14.656	14.651	(0.821)	3884	0.20000	0.2457(M)
	31 Carbophenothion-methyl	15.238	15.239	(0.854)	14924	0.20000	0.2045
	32 Fensulfothion	15.364	15.361	(0.861)	8319	0.20000	0.2269
	33 Bolstar / Famphur	16.049	16.053	(0.899)	32824	0.40000	0.4674

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	16.193	16.197	(0.908)	16722	0.20000	0.2374
$	35 Triphenyl phosphate	16.709	16.712	(0.936)	11646	0.20000	0.2175
	36 Phosmet	16.963	16.963	(0.951)	12928	0.20000	0.2144
	37 EPN	17.148	17.151	(0.961)	9525	0.20000	0.2105
	38 Azinphos-methyl	17.478	17.480	(0.980)	12661	0.20000	0.1970
*	39 TOCP	17.843	17.846	(1.000)	105892	2.00000	
	40 Azinphos-ethyl	17.923	17.926	(1.004)	23154	0.20000	0.1978
	41 Coumaphos	18.364	18.366	(1.029)	10604	0.20000	0.2046
S	42 Merphos				17104	0.20000	0.2120
M	43 Total Demeton				20587	0.20000	0.2070

QC Flag Legend

M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

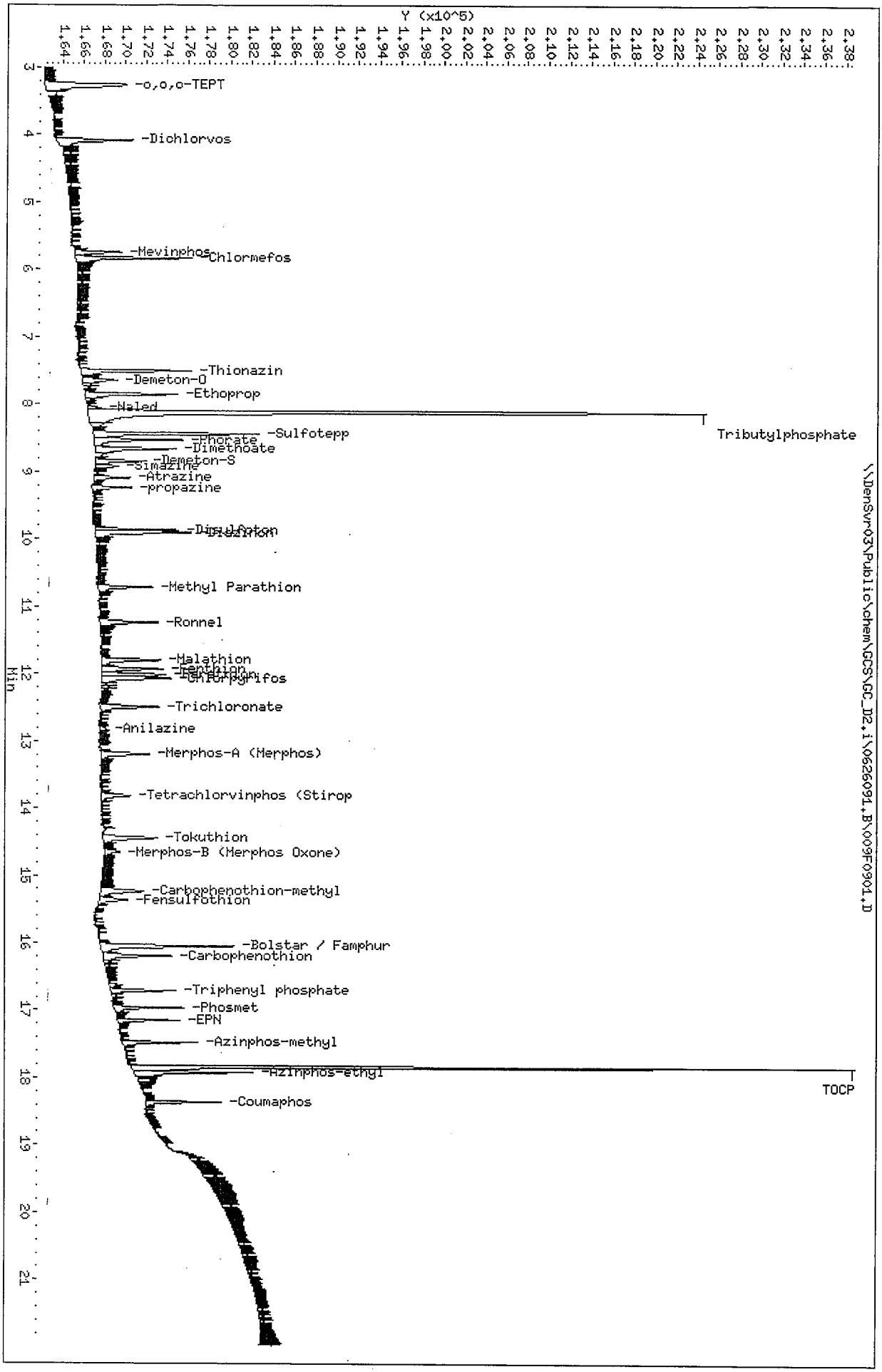
Instrument ID: GC_D2.i
Lab File ID: 009F0901.D
Lab Smp Id: OPP L1 GSV0641
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 26-JUN-2009
Calibration Time: 19:50
Client Smp ID: OPP L1 GSV0641
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	160310	80155	320620	165799	3.42
39 TOCP	97363	48682	194726	105892	8.76

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.11	7.61	8.61	8.11	0.03
39 TOCP	17.84	17.34	18.34	17.84	-0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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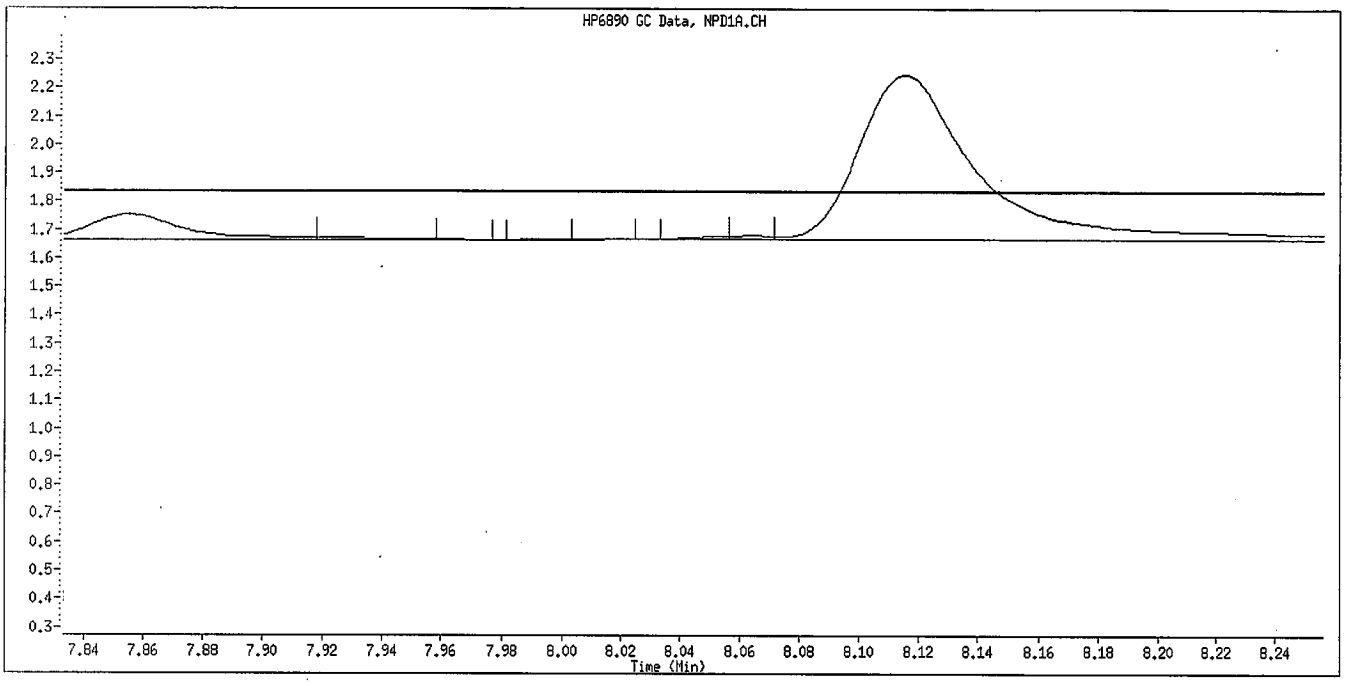
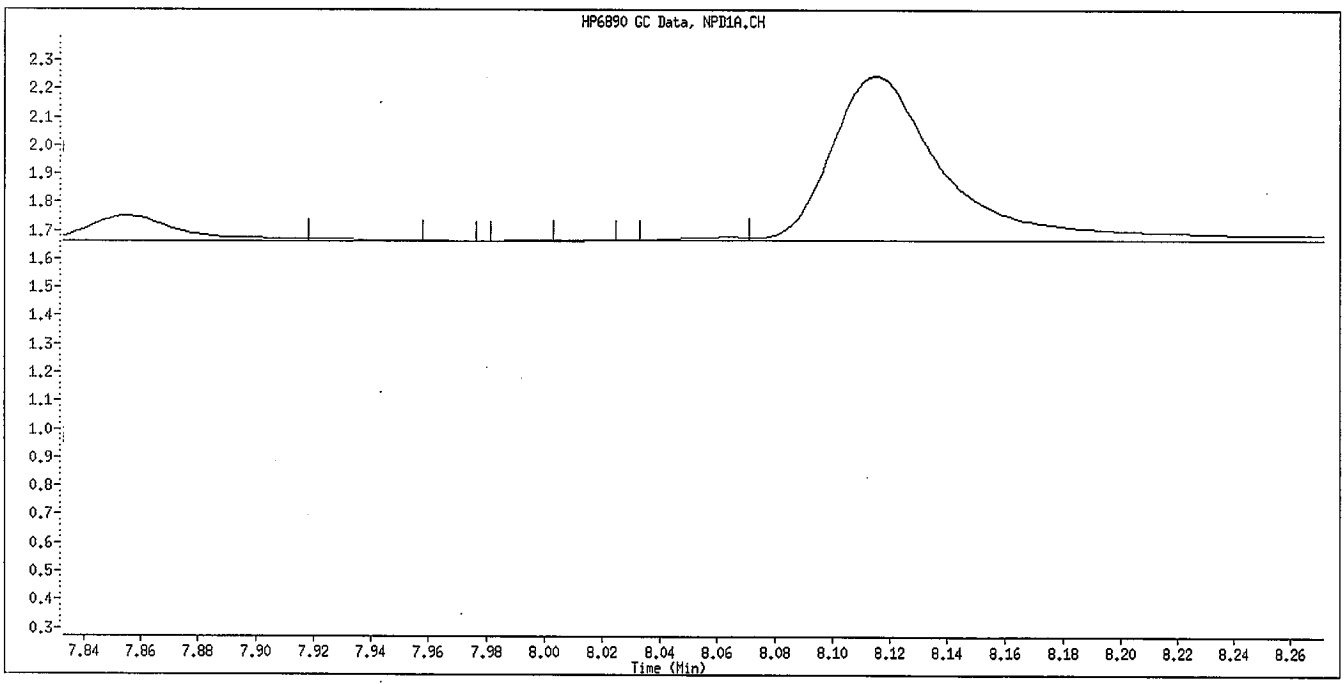
Date : 26-JUN-2009 21:13
Client ID: OPP L1 GSV0641
Sample Info: OPP L1 GSV0641
Column phase: RTx-1MS
Instrument: GC_D2,i
Operator: MPK/TLW
Column diameter: 0.32
Y (x10^5)
Min
-o,o,o-TEPT
-Dichlorvos
-Mevinphos
-Chlormefos
-Thionazin
-Demeton-O
-Ethoprop
-Naled
-Sulfotepp
-Phorate
-Dimethoate
-Demeton-S
-Simazine
-Atrazine
-propazine
-Diazinon
-Methyl Parathion
-Ronnel
-Malathion
-Fenthion
-Chlorpyrifos
-Trichloronate
-Anilazine
-Merphos-A (Merphos)
-Tetrachlorvinphos (Stirop
-Tokuthion
-Merphos-B (Merphos Oxone)
-Carbophenothion-methyl
-Fensulfothion
-Bolstar / Famphur
-Carbophenothion
-Triphenyl phosphate
-Phosmet
-EPN
-Azinphos-methyl
-Azinphos-ethyl
-Coumaphos
Tributylphosphate
TOCP
\\DenSvr03\Public\chem\GCS\GC_D2,i\0626091,B\009F0901.D

Data File Name: 009F0901.D
Inj. Date and Time: 26-JUN-2009 21:13
Instrument ID: GC_D2.i
Client ID: OPP L1 GSV0641
Compound Name: Naled
CAS #:
Report Date: 06/30/2009



Original Integration

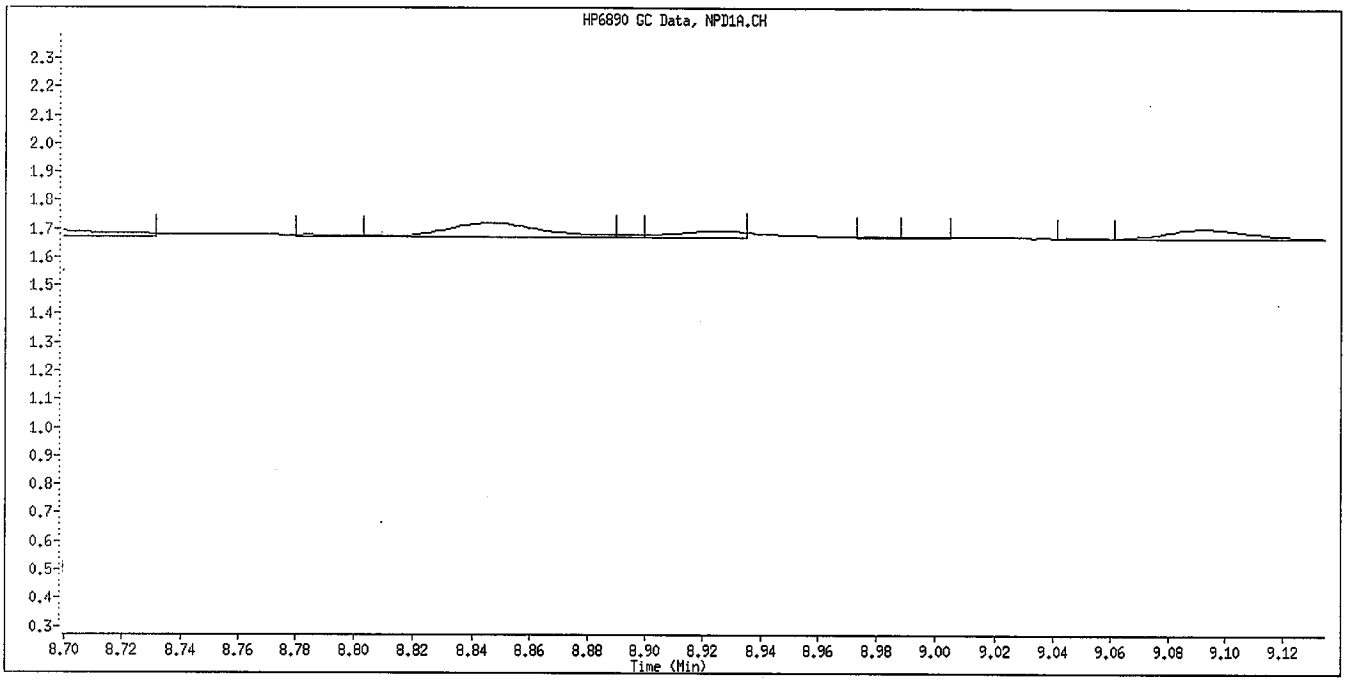


Manual Integration

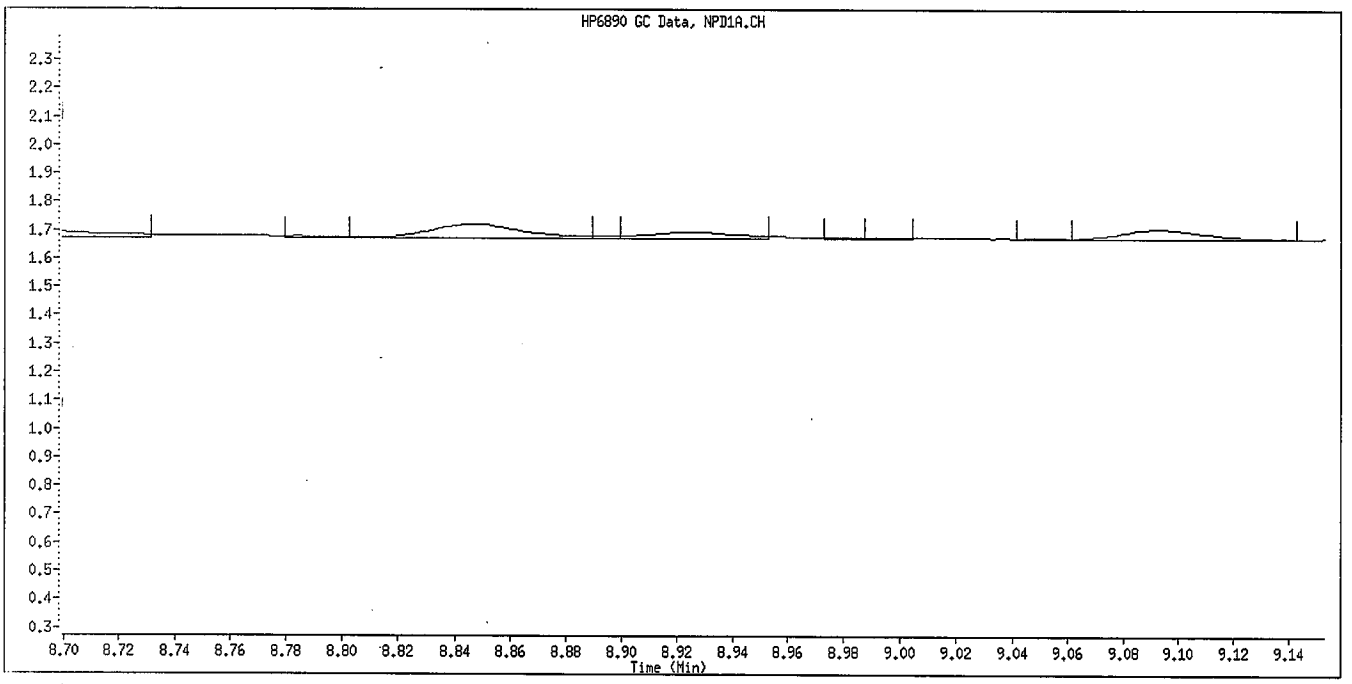
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 009F0901.D
Inj. Date and Time: 26-JUN-2009 21:13
Instrument ID: GC_D2.i
Client ID: OPP L1 GSV0641
Compound Name: Simazine
CAS #:
Report Date: 06/30/2009



Original Integration

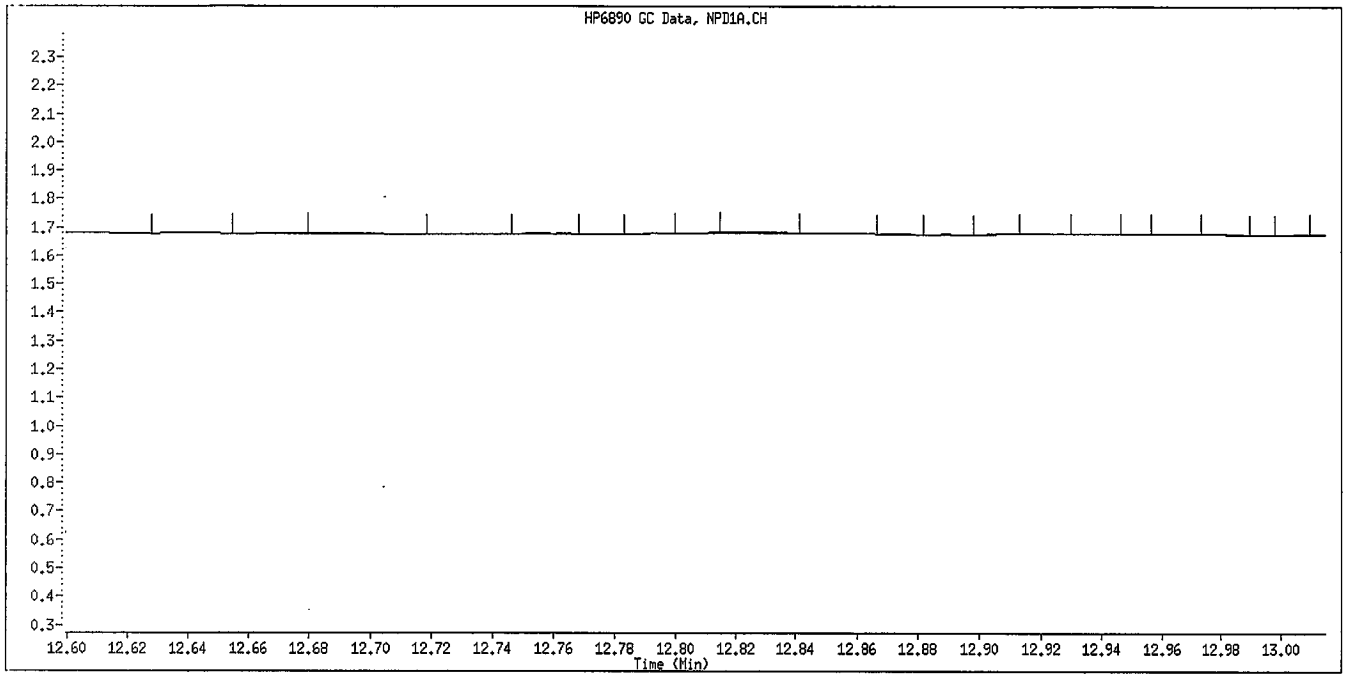


Manual Integration

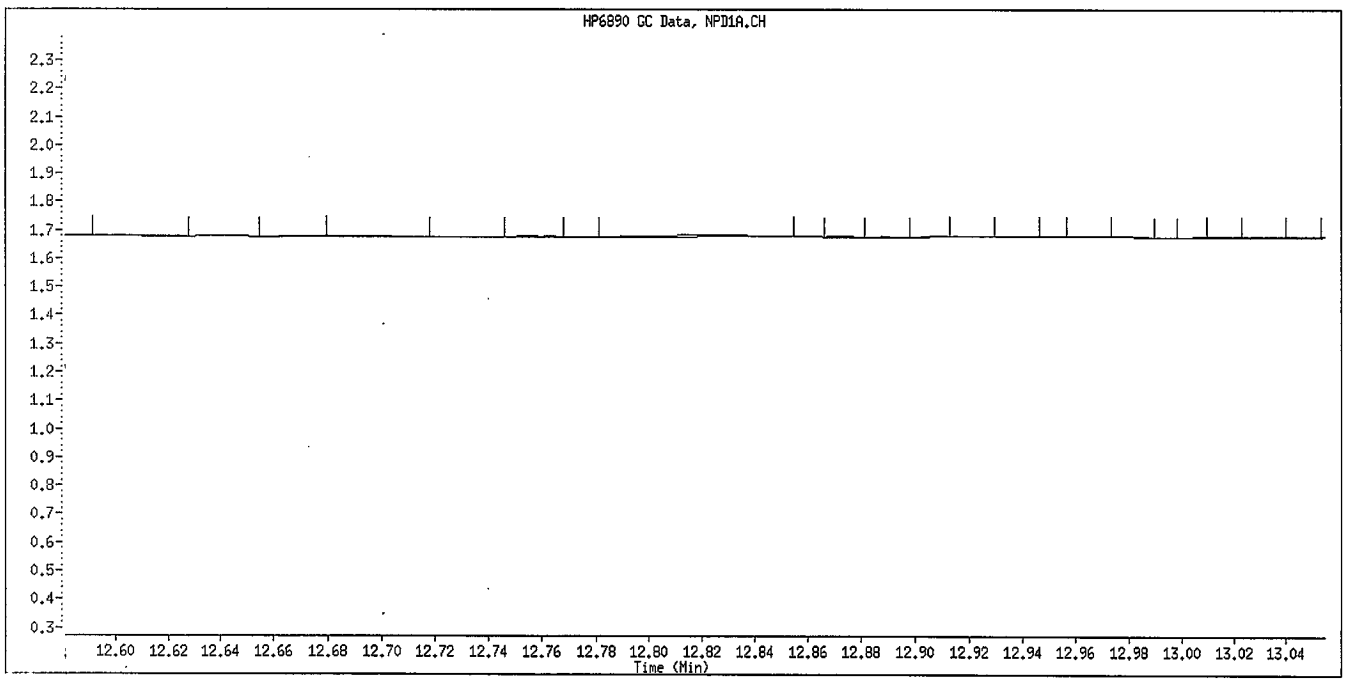
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 009F0901.D
Inj. Date and Time: 26-JUN-2009 21:13
Instrument ID: GC_D2.i
Client ID: OPP L1 GSV0641
Compound Name: Anilazine
CAS #:
Report Date: 06/30/2009



Original Integration

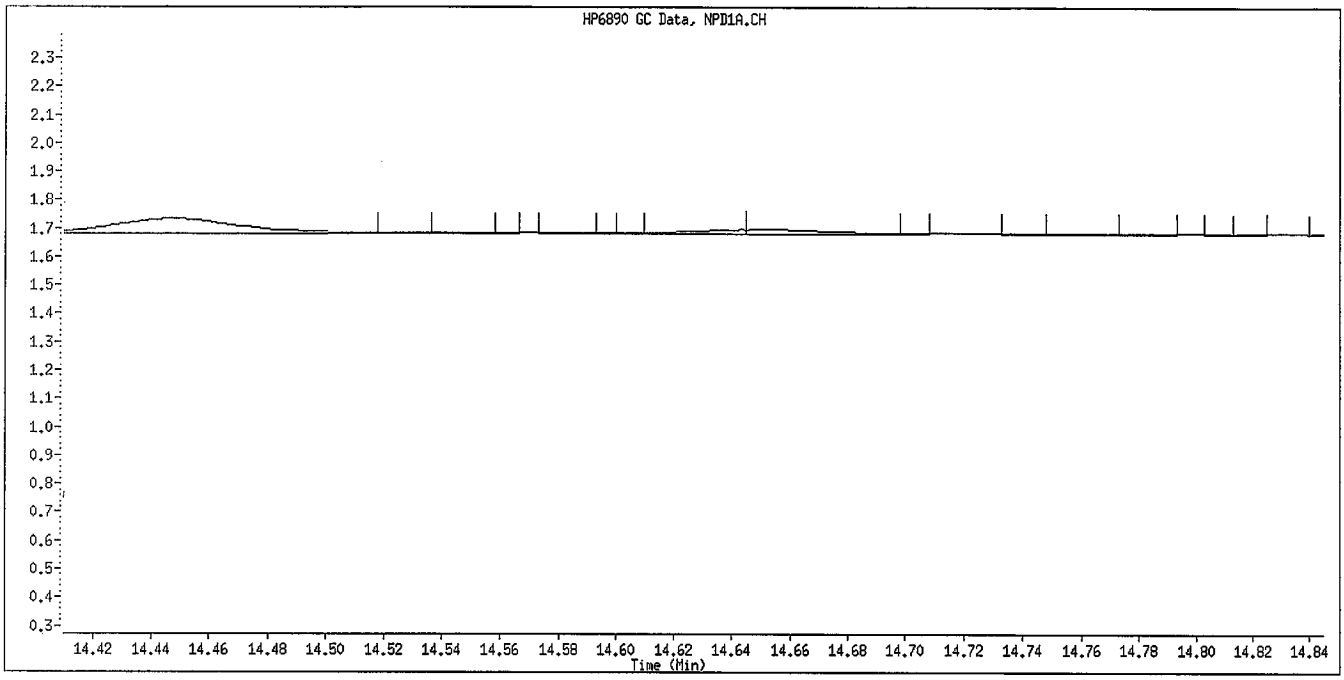


Manual Integration

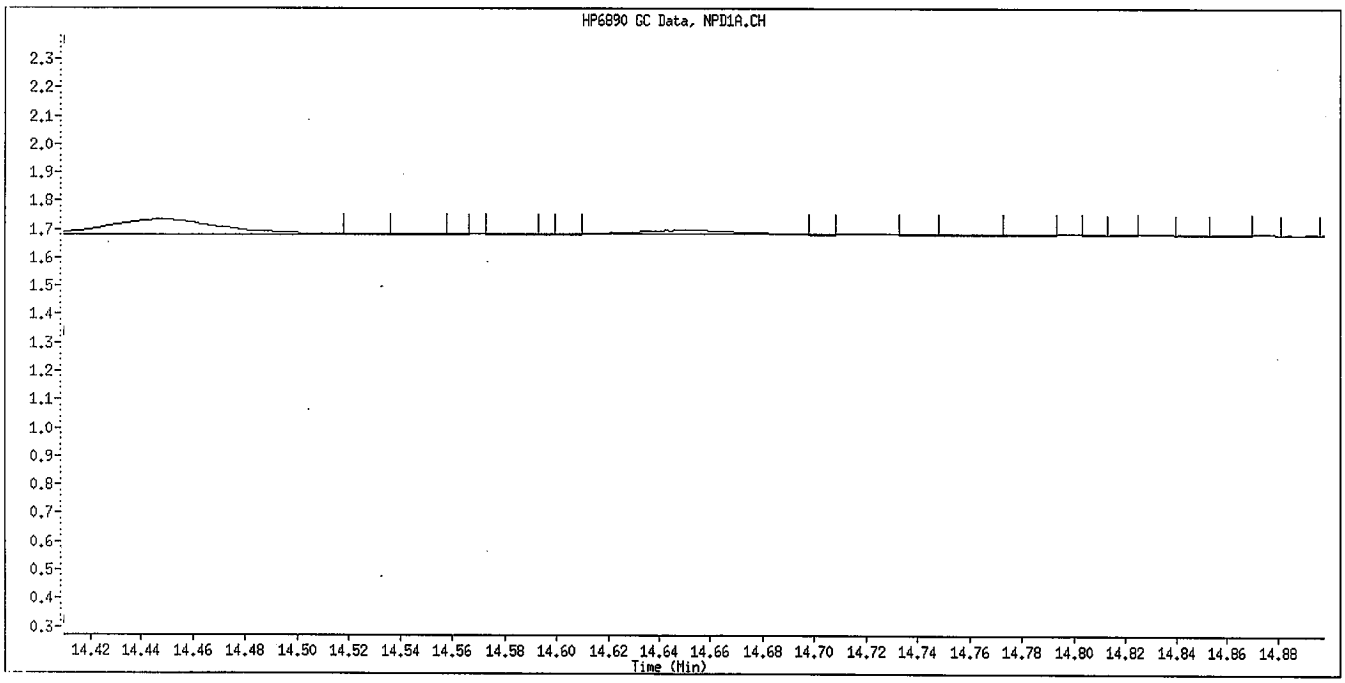
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 009F0901.D
Inj. Date and Time: 26-JUN-2009 21:13
Instrument ID: GC_D2.i
Client ID: OPP L1 GSV0641
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\010F1001.D
Lab Smp Id: OPP SS GSV0633 Client Smp ID: OPP SS GSV0633
Inj Date : 26-JUN-2009 21:40
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP SS GSV0633
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Meth Date : 30-Jun-2009 12:45 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 10 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1 o,o,o-TEPT	3.252	3.254	(0.182)	288886	2.00000	2.058
	2 Dichlorvos	4.074	4.074	(0.228)	166172	2.00000	1.906
	3 Mevinphos	5.737	5.739	(0.322)	81302	2.00000	1.698
$	4 Chlormefos	5.834	5.836	(0.327)	194413	2.00000	1.781
	5 Thionazin	7.504	7.507	(0.421)	196672	2.00000	1.974
	6 Demeton-O	7.645	7.649	(0.429)	175593	0.65000	1.871
	7 Ethoprop	7.849	7.852	(0.440)	179292	2.00000	2.054
	8 Naled	8.054	8.057	(0.451)	23739	2.00000	1.198
*	9 Tributylphosphate	8.112	8.135	(1.000)	166572	2.00000	
	10 Sulfotepp	8.437	8.442	(0.473)	226133	2.00000	1.793
	11 Phorate	8.529	8.532	(0.478)	182466	2.00000	2.018
	12 Dimethoate	8.654	8.659	(0.485)	219089	2.00000	2.086
	13 Demeton-S	8.842	8.846	(0.496)	17618	1.36000	0.2313
	14 Simazine	8.919	8.924	(0.500)	92634	2.00000	2.622
	15 Atrazine	9.089	9.094	(0.509)	79689	2.00000	1.957
	16 propazine	9.235	9.241	(0.518)	71876	2.00000	1.913
	17 Disulfoton	9.865	9.869	(0.553)	98052	2.00000	1.589
	18 Diazinon	9.900	9.902	(0.555)	209627	2.00000	2.158
	19 Methyl Parathion	10.714	10.717	(0.600)	125682	2.00000	2.040
	20 Ronnel	11.237	11.241	(0.630)	136977	2.00000	2.151
	21 Malathion	11.799	11.804	(0.661)	94998	2.00000	1.625
	22 Fenthion	11.929	11.932	(0.669)	117968	2.00000	1.884
	23 Parathion	12.017	12.019	(0.674)	129518	2.00000	1.944
	24 Chlorpyrifos	12.067	12.067	(0.676)	158990	2.00000	1.972
	25 Trichloronate	12.492	12.496	(0.700)	134163	2.00000	1.862
	26 Anilazine	12.817	12.817	(0.718)	5585	2.00000	1.015
	27 Merphos-A (Merphos)	13.195	13.199	(0.740)	24516	2.00000	0.4078
	28 Tetrachlorvinphos (Stirophos)	13.817	13.824	(0.774)	83430	2.00000	2.088
	29 Tokuthion	14.444	14.449	(0.810)	139904	2.00000	2.025
	30 Merphos-B (Merphos Oxone)	14.647	14.651	(0.821)	107349	2.00000	6.623(A)
	31 Carbophenothion-methyl	15.234	15.239	(0.854)	73477	2.00000	1.354
	32 Fensulfothion	15.355	15.361	(0.861)	108213	2.00000	1.924
	33 Bolstar / Famphur	16.047	16.053	(0.899)	268528	4.00000	4.064

		Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34	Carbophenothion	16.194	16.197	(0.908)	123570	2.00000	1.864
$	35	Triphenyl phosphate	16.709	16.712	(0.936)	86501	2.00000	1.717
	36	Phosmet	16.960	16.963	(0.951)	93465	2.00000	1.647
	37	EPN	17.147	17.151	(0.961)	96842	2.00000	1.793
	38	Azinphos-methyl	17.477	17.480	(0.980)	116249	2.00000	1.922
*	39	TOCP	17.842	17.846	(1.000)	99647	2.00000	
	40	Azinphos-ethyl	17.922	17.926	(1.004)	124764	2.00000	1.833
	41	Coumaphos	18.362	18.366	(1.029)	97846	2.00000	2.006
S	42	Merphos				131865	2.00000	1.737
M	43	Total Demeton				193211	2.00000	2.102

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

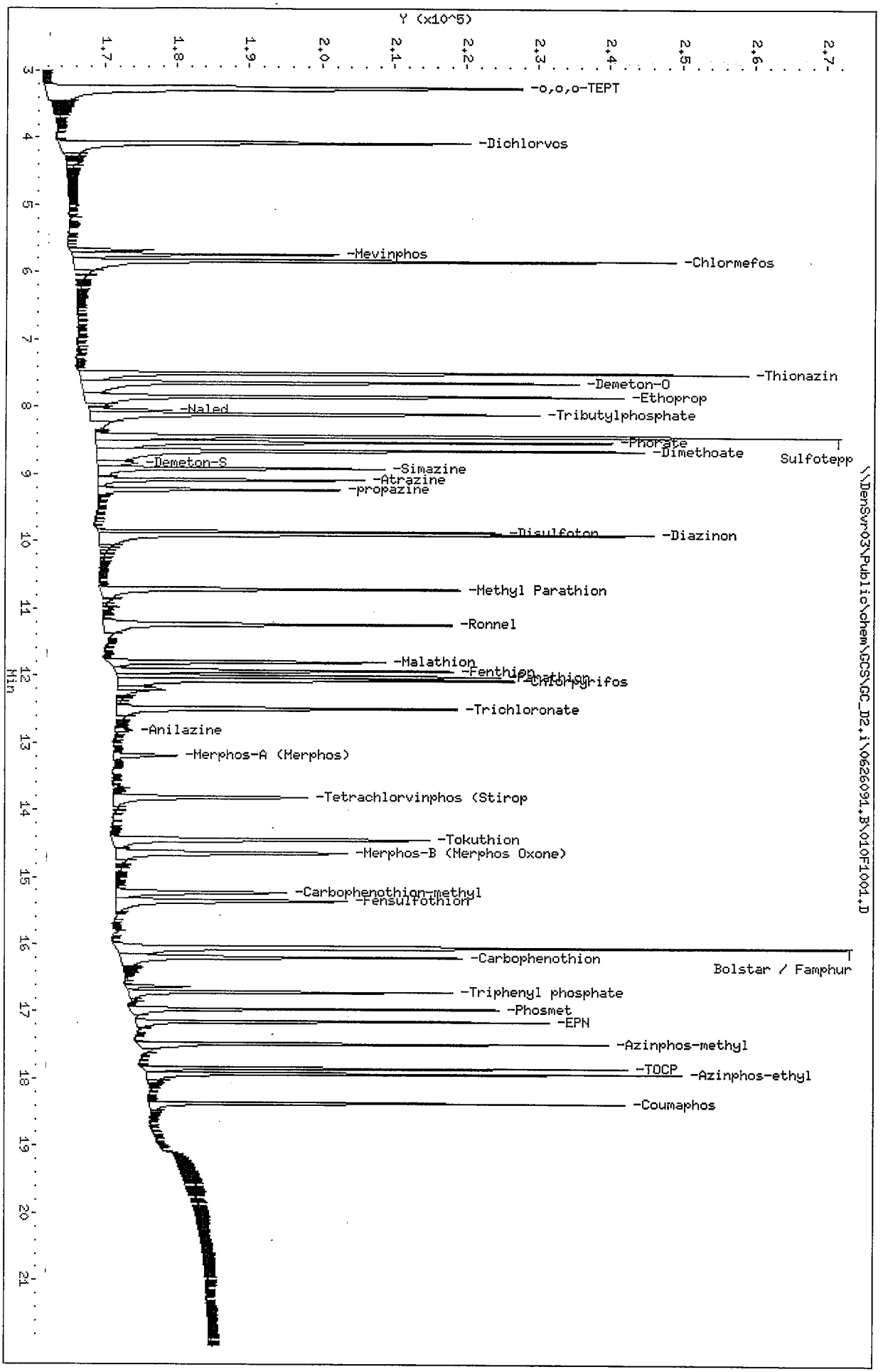
Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Lab Smp Id: OPP SS GSV0633
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 26-JUN-2009
Calibration Time: 19:50
Client Smp ID: OPP SS GSV0633
Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	160310	80155	320620	166572	3.91
39 TOCP	97363	48682	194726	99647	2.35

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.11	7.61	8.61	8.11	0.00
39 TOCP	17.84	17.34	18.34	17.84	-0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



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Date : 26-JUN-2009 21:40
Client ID: OPP SS GSV0633
Sample Info: OPP SS GSV0633
Column phase: RTx-1HS

Instrument: GC_D2,i
Operator: HPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\003F0301.D
Lab Smp Id: OPP L7 GSV0634 Client Smp ID: OPP L7 GSV0634
Inj Date : 26-JUN-2009 18:28
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L7 GSV0634
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Meth Date : 30-Jun-2009 12:58 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 3 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1 o,o,o-TEPT	4.729	4.731	(0.251)	421372	5.00000	4.907
	2 Dichlorvos	6.546	6.546	(0.348)	359024	5.00000	5.355(A)
$	3 Chlormefos	7.383	7.384	(0.392)	338585	5.00000	5.016(A)
	4 Mevinphos	9.233	9.234	(0.491)	238906	5.00000	5.290(A)
	5 Demeton-O	9.733	9.734	(0.517)	69239	1.62500	1.609
	6 Thionazin	9.984	9.984	(0.531)	338015	5.00000	5.005(A)
	7 Ethoprop	10.499	10.499	(0.558)	242747	5.00000	4.810
	8 Phorate	10.538	10.539	(0.560)	289868	5.00000	4.953
	9 Naled	10.939	10.939	(0.581)	78857	5.00000	5.109(A)
	10 Sulfotepp	11.018	11.017	(0.586)	427657	5.00000	4.845(A)
*	11 Tributylphosphate	11.116	11.116	(1.000)	139264	2.00000	
	12 Simazine	11.401	11.399	(0.606)	68046	5.00000	5.383(A)
	13 Diazinon	11.541	11.541	(0.613)	228810	5.00000	4.801
	14 Atrazine	11.584	11.584	(0.616)	128612	5.00000	4.879(A)
	15 Propazine	11.746	11.747	(0.624)	110050	5.00000	4.930
	16 Disulfoton	12.049	12.049	(0.640)	228764	5.00000	4.914
	17 Demeton-S	12.124	12.124	(0.644)	175573	3.40000	3.111
	18 Dimethoate	13.283	13.282	(0.706)	319454	5.00000	5.120(A)
	19 Ronnel	13.588	13.587	(0.722)	211449	5.00000	5.035(A)
	20 Merphos-A (Merphos)	13.689	13.689	(1.231)	217509	5.00000	4.310(A)
	21 Chlorpyrifos	14.411	14.409	(0.766)	227882	5.00000	5.350(A)
	22 Fenthion	14.663	14.662	(0.779)	196942	5.00000	4.985
	23 Trichloronate	14.711	14.711	(0.782)	296442	5.00000	5.242(A)
	24 Anilazine	15.214	15.216	(0.809)	19108	5.00000	5.242(A)
	25 Methyl Parathion	15.521	15.519	(0.825)	235511	5.00000	5.522(A)
	26 Malathion	15.724	15.724	(0.836)	212190	5.00000	5.311(A)
	27 Tokuthion	16.344	16.344	(0.869)	233715	5.00000	4.996
	28 Parathion	16.493	16.494	(0.877)	213175	5.00000	5.073(AM)
	29 Merphos-B (Merphos Oxone)	16.514	16.517	(1.486)	65080	5.00000	4.212(AM)
	30 Tetrachlorvinphos (stirophos)	16.976	16.977	(0.902)	143806	5.00000	5.290(A)
	31 Carbophenothion methyl	17.081	17.082	(0.908)	210272	5.00000	5.396(A)
	32 Bolstar	17.441	17.440	(0.927)	199405	5.00000	4.858
	33 Carbophenothion	17.523	17.524	(0.931)	212727	5.00000	5.271(A)

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	34 Triphenyl phosphate	18.279	18.281	(0.972)	167127	5.00000	5.046 (A)
	35 Fensulfothion	18.558	18.559	(0.986)	152929	5.00000	5.029 (A)
*	36 TOCP	18.814	18.816	(1.000)	66384	2.00000	
	37 Phosmet / EPN	18.908	18.909	(1.005)	330448	10.0000	9.819 (A)
	38 Famphur	19.011	19.011	(1.010)	220404	5.00000	5.062 (A)
	39 Azinphos-methyl	19.146	19.147	(1.018)	197822	5.00000	4.967
	40 Azinphos-ethyl	19.364	19.366	(1.029)	187035	5.00000	4.930
	41 Coumaphos	20.348	20.347	(1.081)	155426	5.00000	5.329 (A)
S	42 Merphos				282589	5.00000	5.108 (A)
M	43 Total Demeton				244812	5.00000	4.720

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

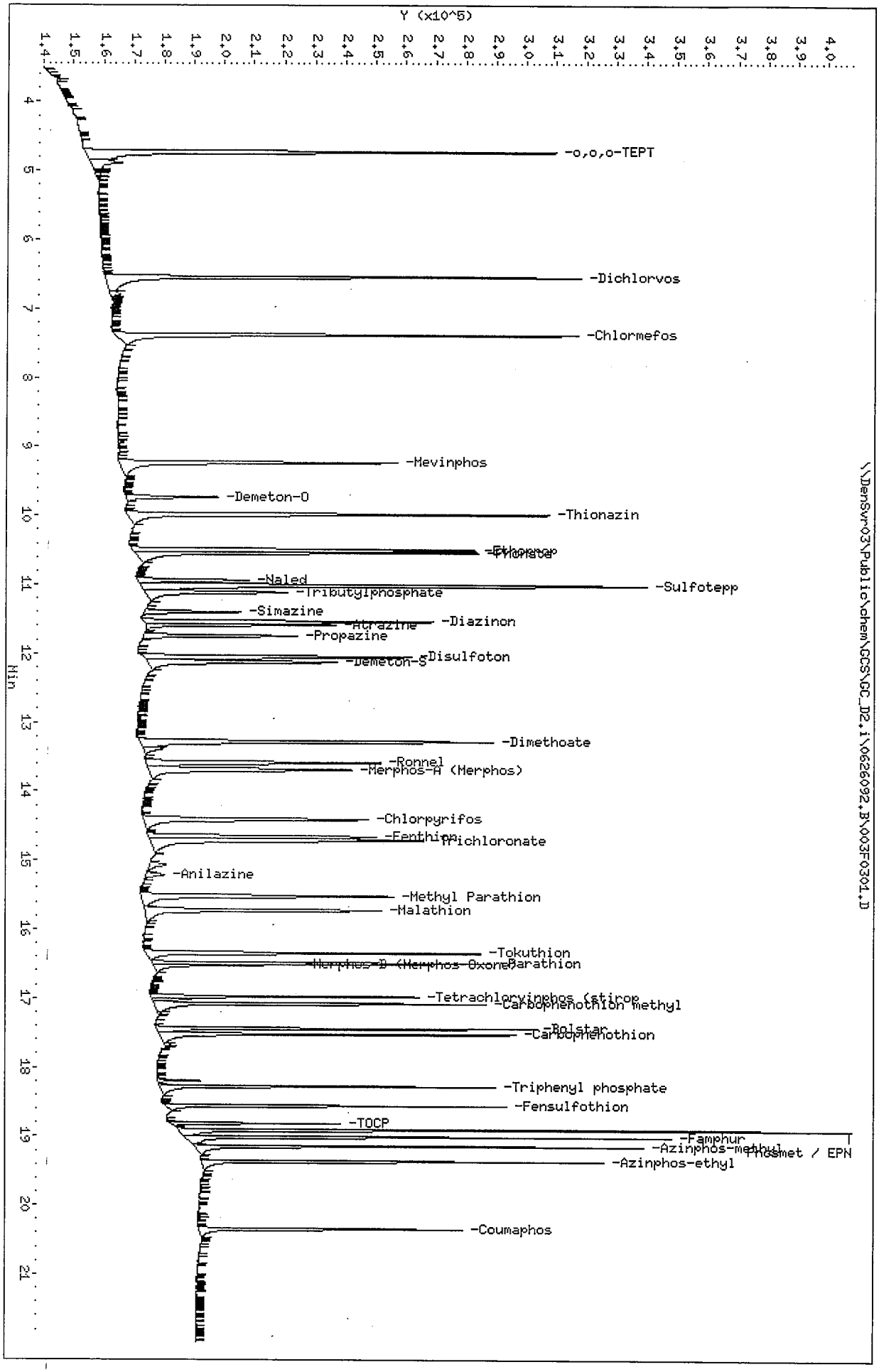
Instrument ID: GC_D2.i
Lab File ID: 003F0301.D
Lab Smp Id: OPP L7 GSV0634
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Misc Info:

Calibration Date: 26-JUN-2009
Calibration Time: 21:40
Client Smp ID: OPP L7 GSV0634
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	123933	61967	247866	139264	12.37
36 TOCP	68831	34416	137662	66384	-3.56

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.12	0.01
36 TOCP	18.82	18.32	19.32	18.81	-0.00

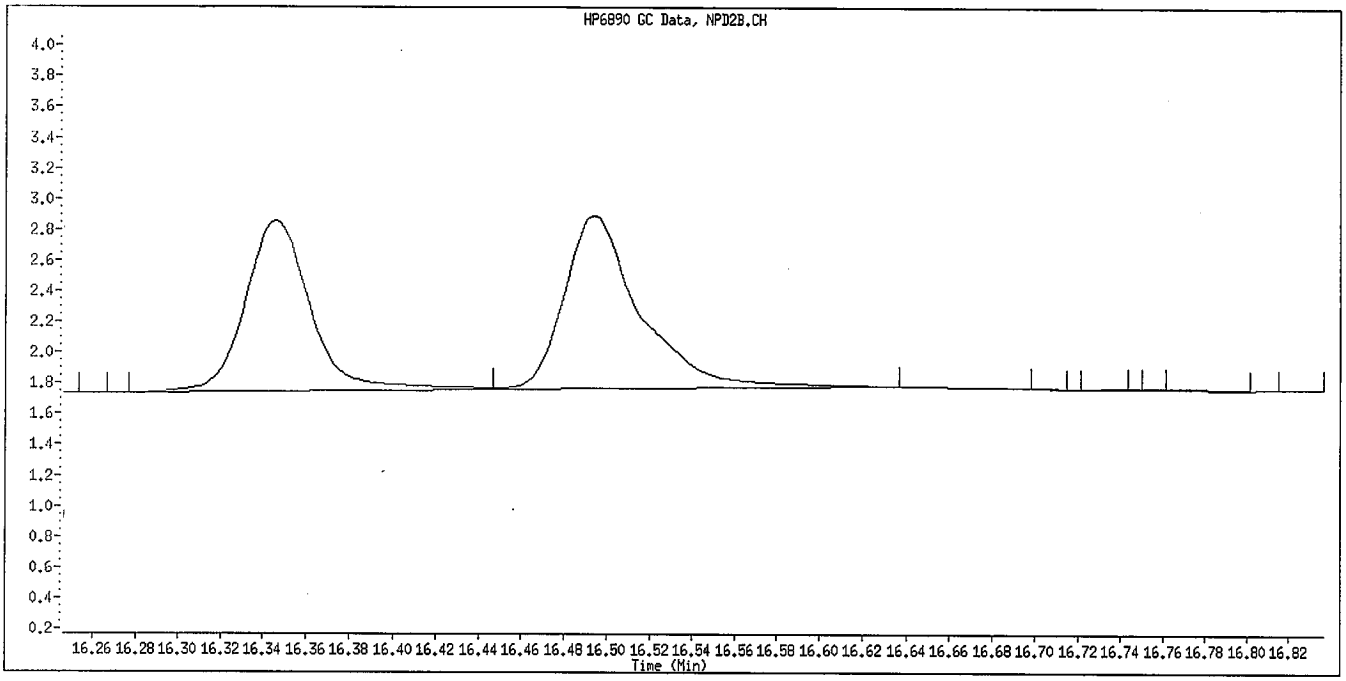
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



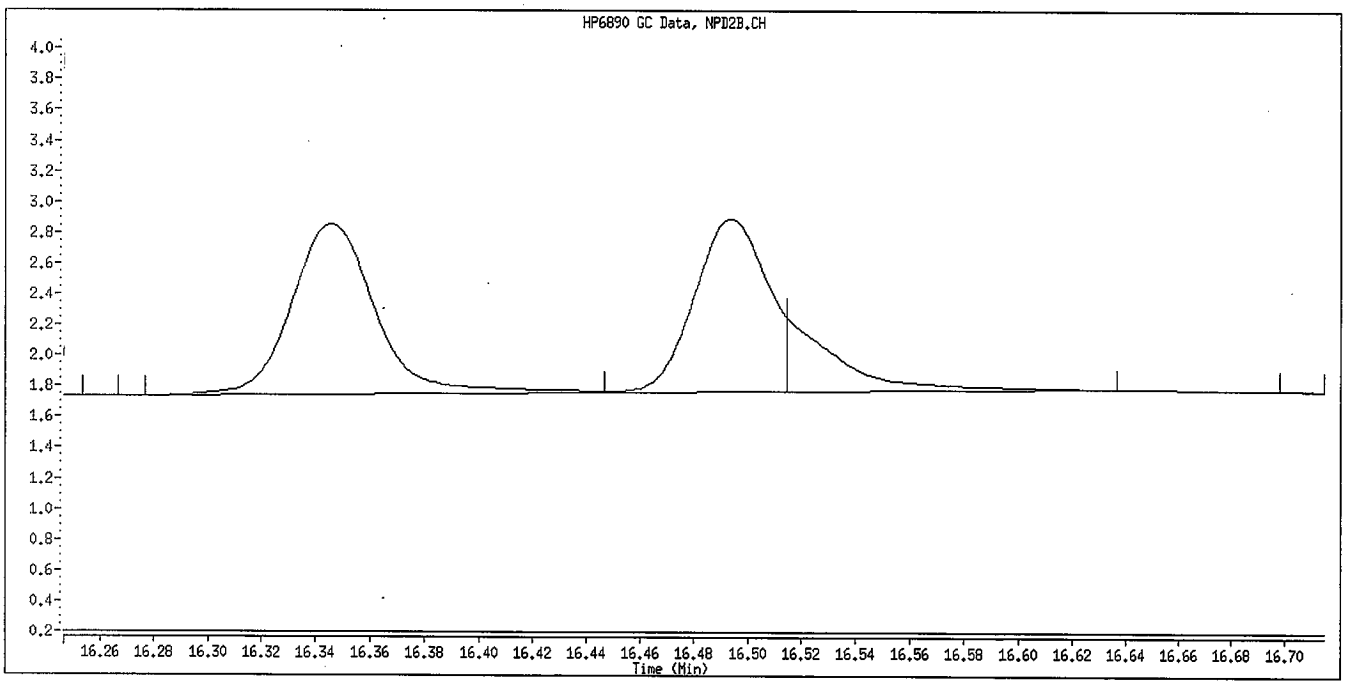
Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\003F0304.D
Date : 26-JUN-2009 18:28
Client ID: OPP L7 GSV0634
Sample Info: OPP L7 GSV0634
Column phase: RTx-OPPest

Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

Data File Name: 003F0301.D
Inj. Date and Time: 26-JUN-2009 18:28
Instrument ID: GC_D2.i
Client ID: OPP L7 GSV0634
Compound Name: Parathion
CAS #:
Report Date: 06/30/2009



Original Integration

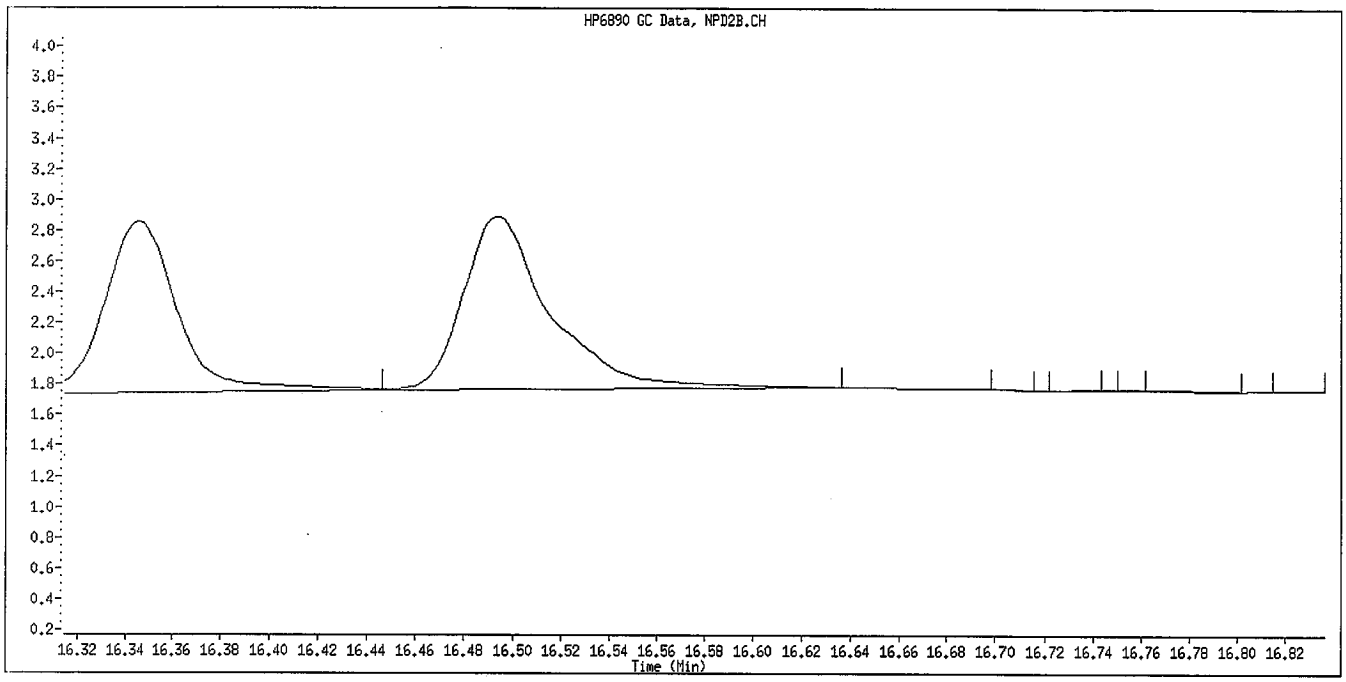


Manual Integration

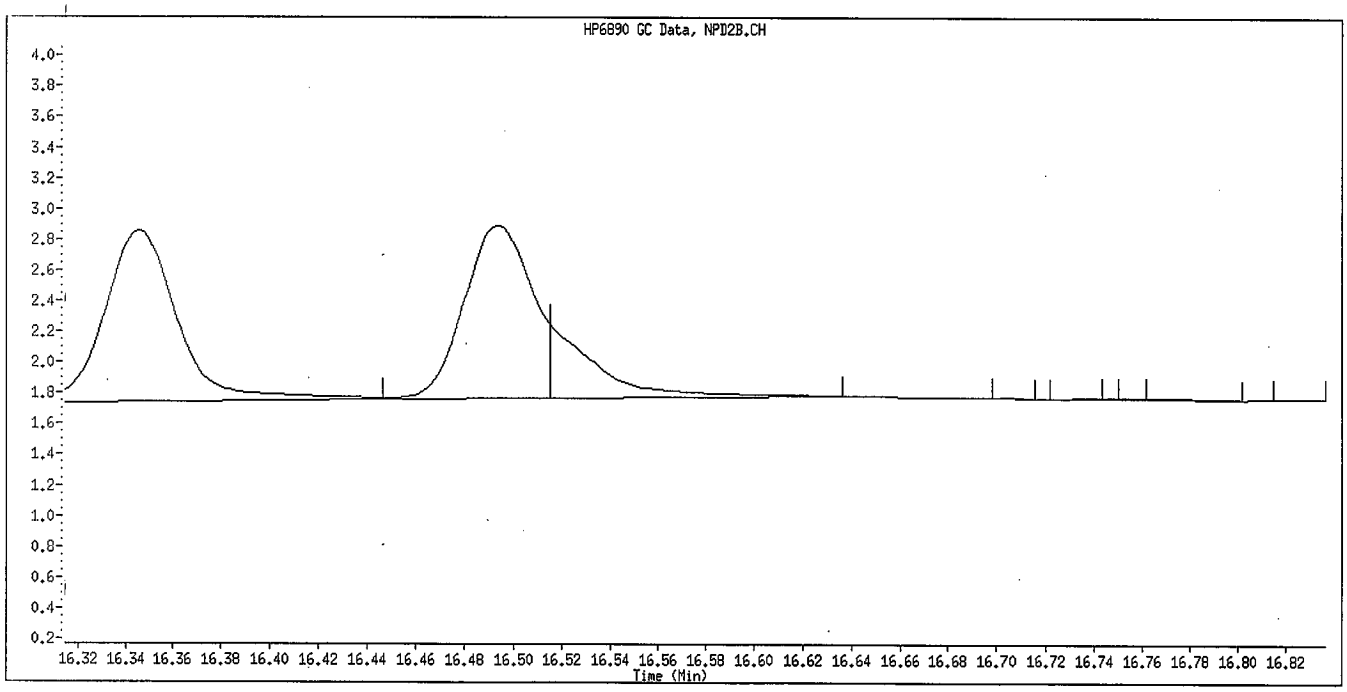
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 003F0301.D
Inj. Date and Time: 26-JUN-2009 18:28
Instrument ID: GC_D2.i
Client ID: OPP L7 GSV0634
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\004F0401.D
Lab Smp Id: OPP L6 GSV0637 Client Smp ID: OPP L6 GSV0637
Inj Date : 26-JUN-2009 18:55
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L6 GSV0637
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Meth Date : 30-Jun-2009 12:58 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 18:28 Cal File: 003F0301.D
Als bottle: 4 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/mL)
	1 o,o,o-TEPT	4.729	4.731	(0.251)	328646	4.00000	4.043
	2 Dichlorvos	6.546	6.546	(0.348)	257298	4.00000	4.054
$	3 Chlormefos	7.384	7.384	(0.392)	258146	4.00000	4.040
	4 Mevinphos	9.234	9.234	(0.491)	177060	4.00000	4.141
	5 Demeton-O	9.734	9.734	(0.517)	56273	1.30000	1.381
	6 Thionazin	9.984	9.984	(0.531)	276609	4.00000	4.326
	7 Ethoprop	10.499	10.499	(0.558)	193617	4.00000	4.053
	8 Phorate	10.537	10.539	(0.560)	250422	4.00000	4.520
	9 Naled	10.941	10.939	(0.582)	58330	4.00000	4.051
	10 Sulfotepp	11.017	11.017	(0.586)	337512	4.00000	4.039(A)
*	11 Tributylphosphate	11.116	11.116	(1.000)	118534	2.00000	
	12 Simazine	11.401	11.399	(0.606)	52173	4.00000	4.360(A)
	13 Diazinon	11.541	11.541	(0.613)	181790	4.00000	4.034
	14 Atrazine	11.582	11.584	(0.616)	98759	4.00000	4.001(A)
	15 Propazine	11.746	11.747	(0.624)	85745	4.00000	4.068
	16 Disulfoton	12.049	12.049	(0.640)	184026	4.00000	4.176
	17 Demeton-S	12.124	12.124	(0.644)	157195	2.72000	2.948
	18 Dimethoate	13.282	13.282	(0.706)	236550	4.00000	4.005
	19 Ronnel	13.589	13.587	(0.722)	165534	4.00000	4.164
	20 Merphos-A (Merphos)	13.689	13.689	(1.231)	178652	4.00000	4.159(A)
	21 Chlorpyrifos	14.409	14.409	(0.766)	174421	4.00000	4.326
	22 Fenthion	14.662	14.662	(0.779)	149338	4.00000	3.993
	23 Trichloronate	14.709	14.711	(0.782)	208762	4.00000	3.926
	24 Anilazine	15.216	15.216	(0.809)	13112	4.00000	3.800(M)
	25 Methyl Parathion	15.519	15.519	(0.825)	167086	4.00000	4.138(A)
	26 Malathion	15.724	15.724	(0.836)	151738	4.00000	4.012
	27 Tokuthion	16.346	16.344	(0.869)	187169	4.00000	4.226
	28 Parathion	16.492	16.494	(0.877)	170901	4.00000	4.296(M)
	29 Merphos-B (Merphos Oxone)	16.514	16.517	(1.486)	62127	4.00000	4.736(AM)
	30 Tetrachlorvinphos (stirophos)	16.976	16.977	(0.902)	109740	4.00000	4.264
	31 Carbophenothion methyl	17.081	17.082	(0.908)	159411	4.00000	4.322
	32 Bolstar	17.441	17.440	(0.927)	154382	4.00000	3.973
	33 Carbophenothion	17.522	17.524	(0.931)	154486	4.00000	4.043(A)

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	34 Triphenyl phosphate	18.279	18.281	(0.972)	125543	4.00000	4.004
	35 Fensulfothion	18.557	18.559	(0.986)	126221	4.00000	4.385
*	36 TOCP	18.814	18.816	(1.000)	62844	2.00000	
	37 Phosmet / EPN	18.907	18.909	(1.005)	263604	8.00000	8.261(A)
	38 Famphur	19.009	19.011	(1.010)	175421	4.00000	4.256
	39 Azinphos-methyl	19.144	19.147	(1.018)	160515	4.00000	4.257
	40 Azinphos-ethyl	19.362	19.366	(1.029)	144031	4.00000	4.011
	41 Coumaphos	20.346	20.347	(1.081)	118936	4.00000	4.308
S	42 Merphos				240779	4.00000	4.597(A)
M	43 Total Demeton				213468	4.00000	4.330

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

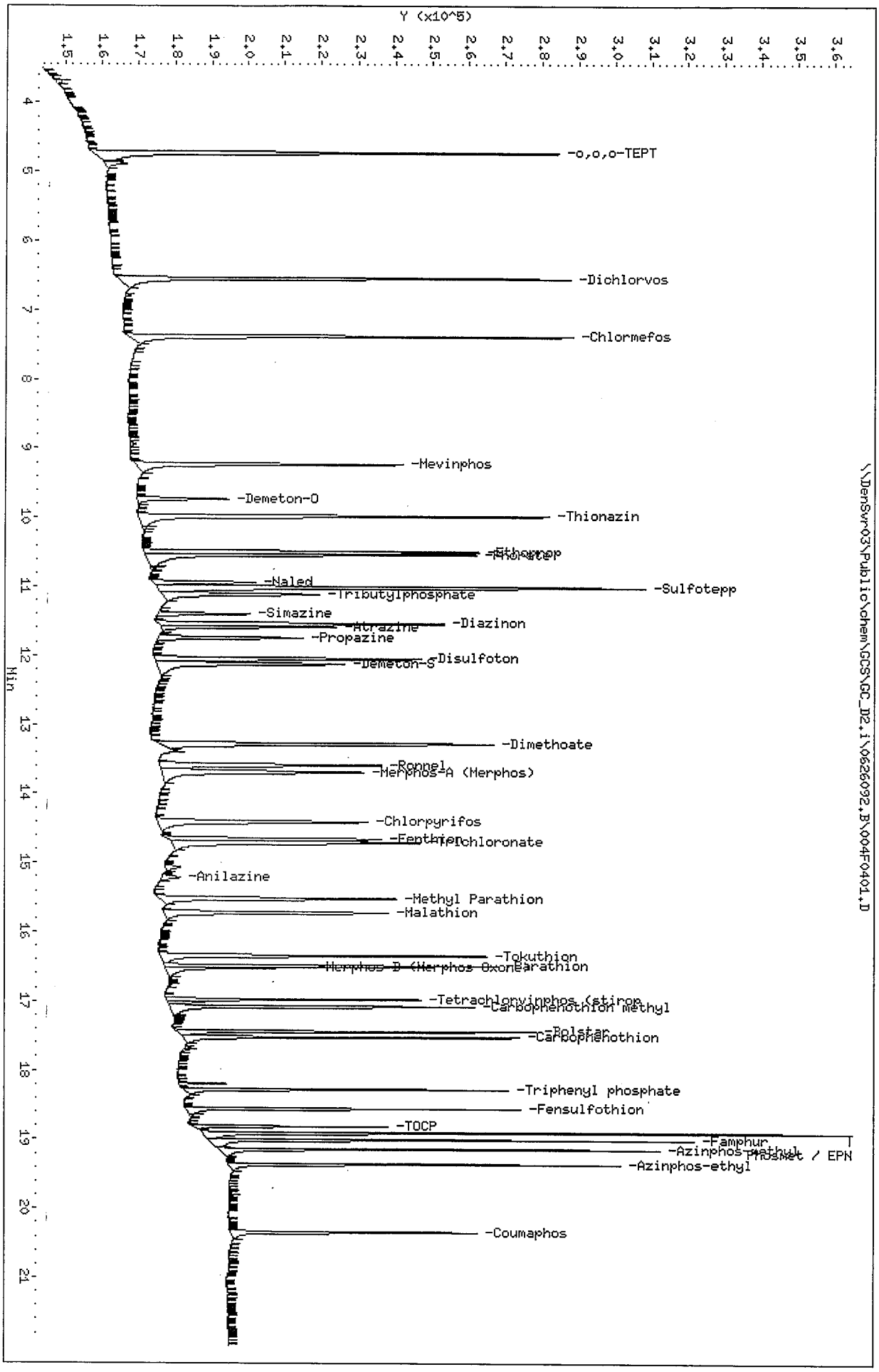
Instrument ID: GC_D2.i
Lab File ID: 004F0401.D
Lab Smp Id: OPP L6 GSV0637
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Misc Info:

Calibration Date: 26-JUN-2009
Calibration Time: 21:40
Client Smp ID: OPP L6 GSV0637
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	123933	61967	247866	118534	-4.36
36 TOCP	68831	34416	137662	62844	-8.70

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.12	0.01
36 TOCP	18.82	18.32	19.32	18.81	-0.01

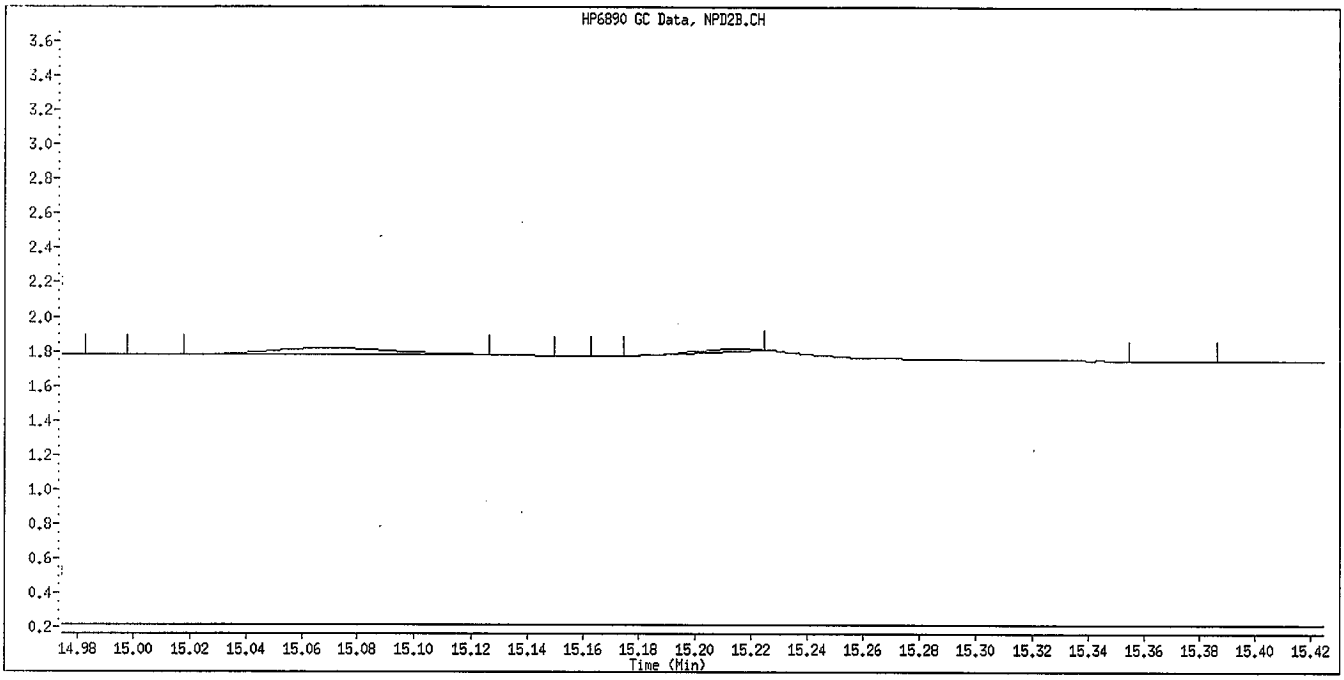
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



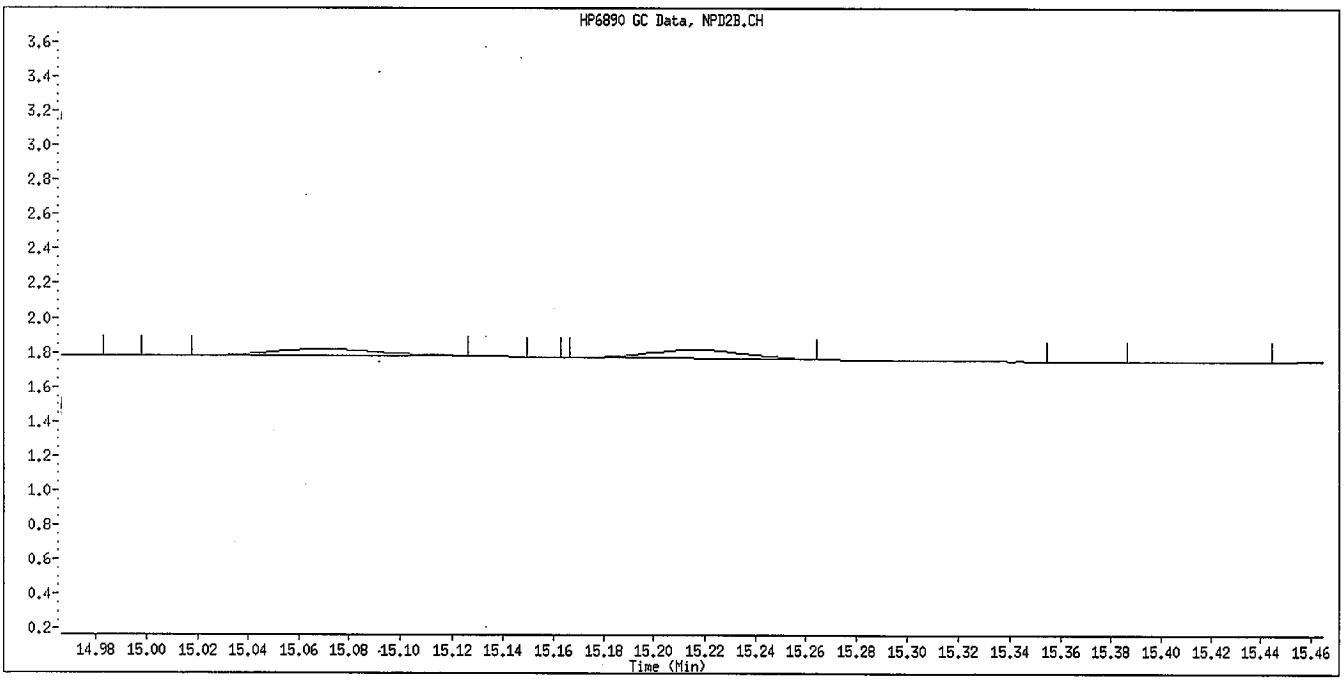
Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\004F0401.D
Date : 26-JUN-2009 18:55
Client ID: OPP L6 GSV0637
Sample Info: OPP L6 GSV0637
Column phase: RTx-OPPest

Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

Data File Name: 004F0401.D
Inj. Date and Time: 26-JUN-2009 18:55
Instrument ID: GC_D2.i
Client ID: OPP L6 GSV0637
Compound Name: Anilazine
CAS #:
Report Date: 06/30/2009



Original Integration

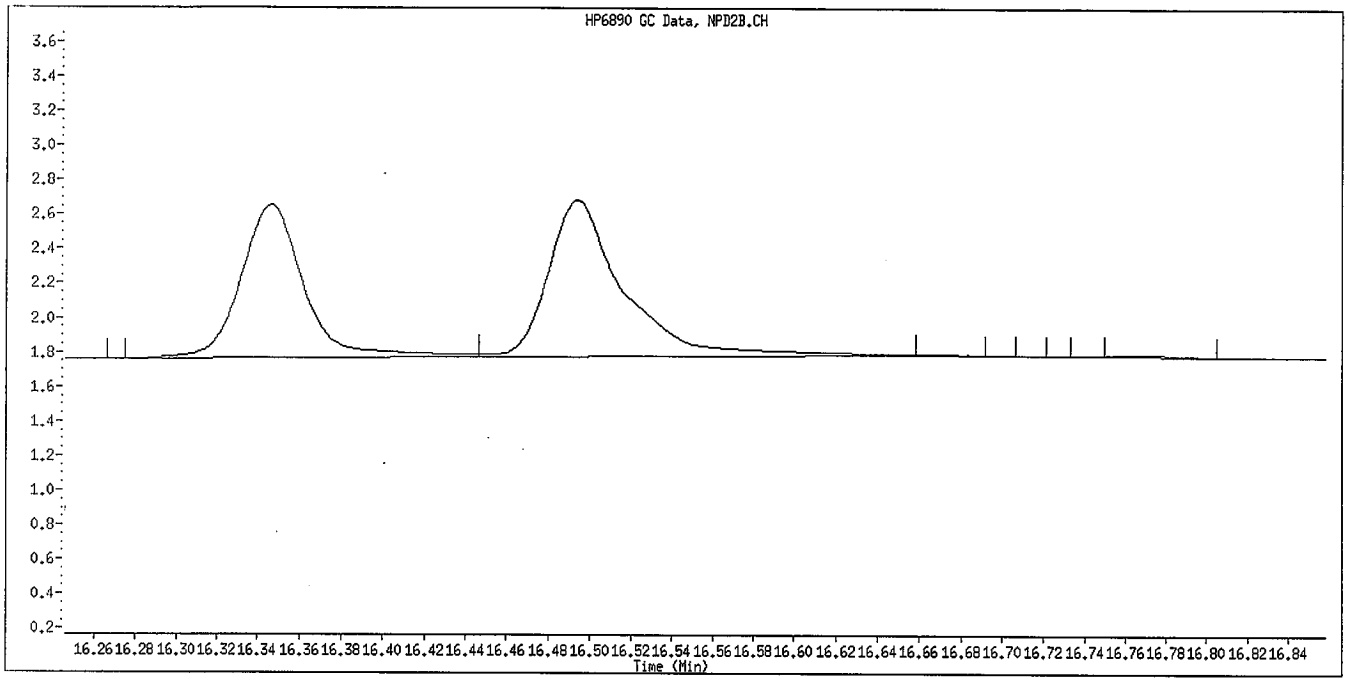


Manual Integration

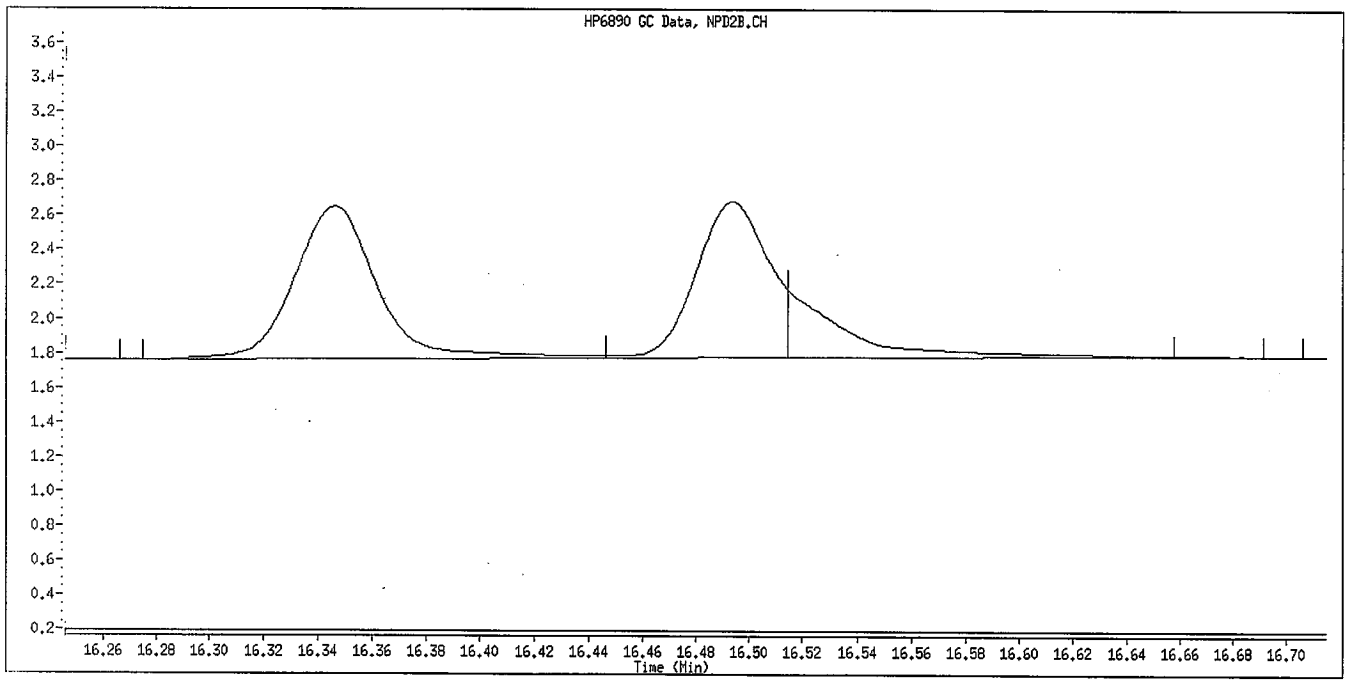
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 004F0401.D
Inj. Date and Time: 26-JUN-2009 18:55
Instrument ID: GC_D2.i
Client ID: OPP L6 GSV0637
Compound Name: Parathion
CAS #:
Report Date: 06/30/2009



Original Integration

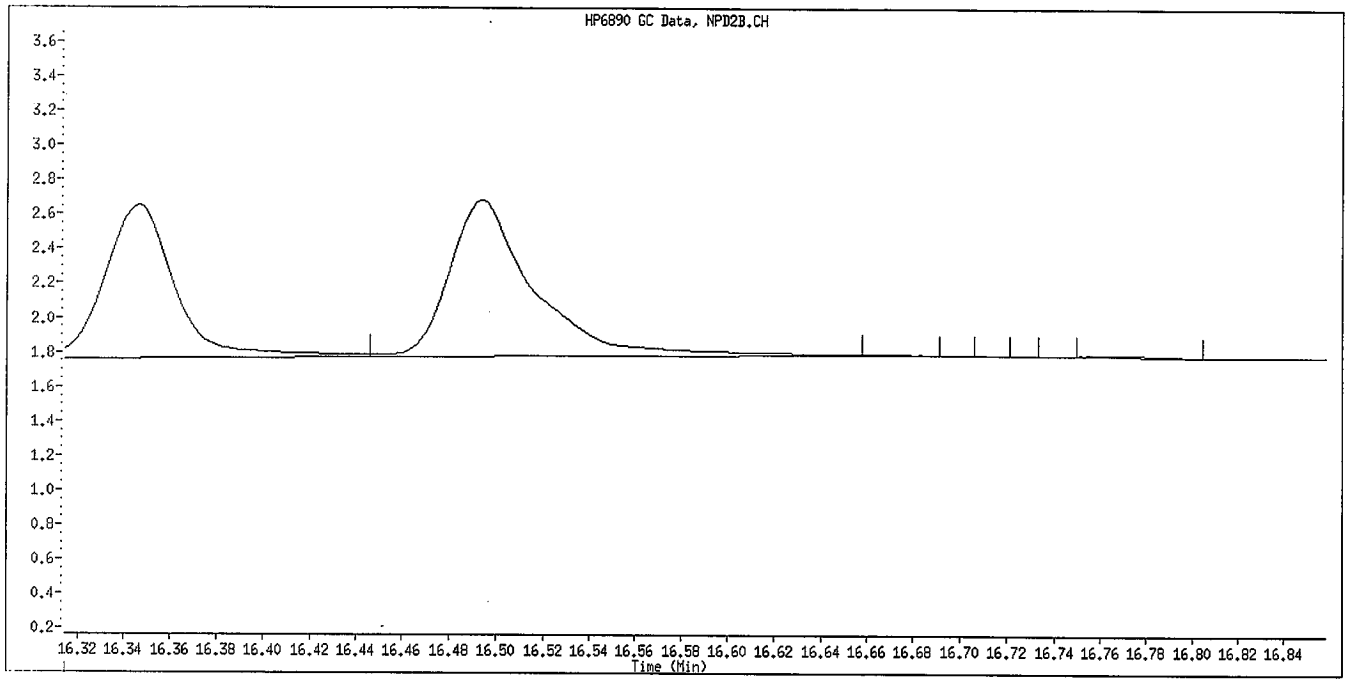


Manual Integration

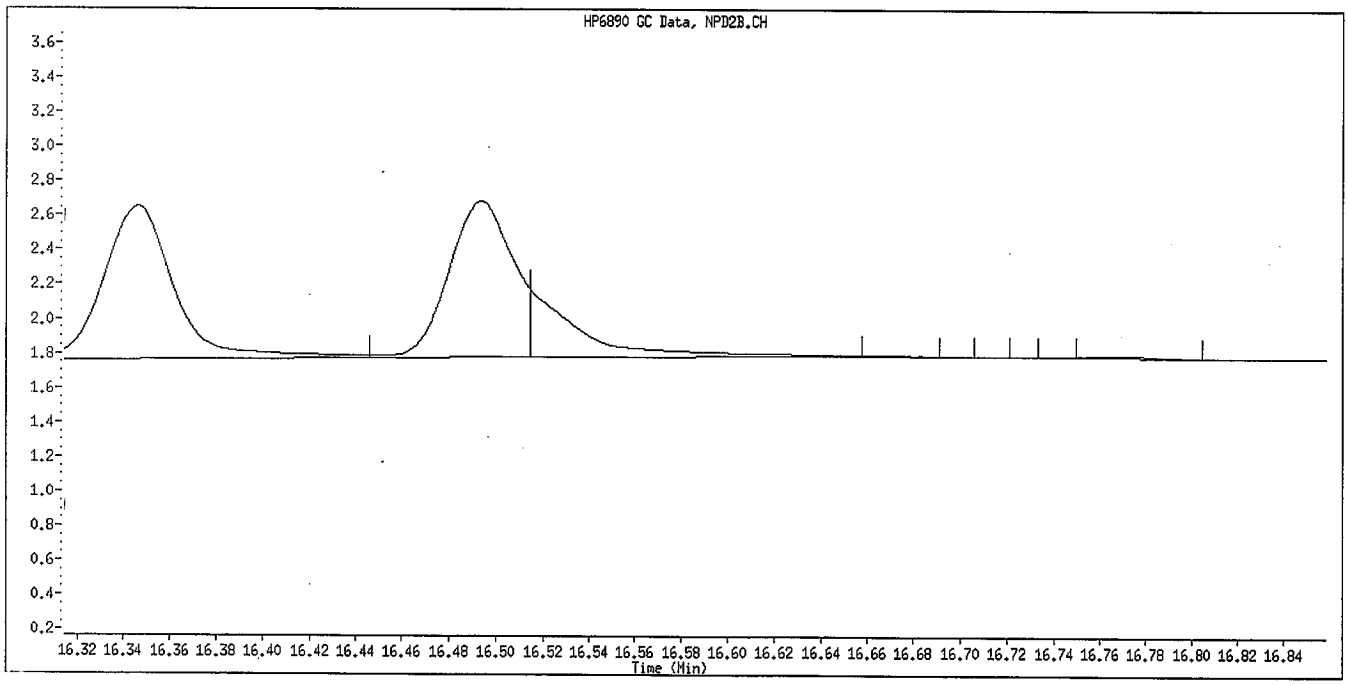
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 004F0401.D
Inj. Date and Time: 26-JUN-2009 18:55
Instrument ID: GC_D2.i
Client ID: OPP L6 GSV0637
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\005F0501.D
Lab Smp Id: OPP L5 GSV0635 Client Smp ID: OPP L5 GSV0635
Inj Date : 26-JUN-2009 19:23
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L5 GSV0635
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Meth Date : 30-Jun-2009 12:58 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 18:55 Cal File: 004F0401.D
Als bottle: 5 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1 o,o,o-TEPT	4.730	4.731	(0.251)	267154	3.00000	2.982
	2 Dichlorvos	6.545	6.546	(0.348)	221023	3.00000	3.159
$	3 Chlormefos	7.384	7.384	(0.392)	237967	3.00000	3.379
	4 Mevinphos	9.234	9.234	(0.491)	137272	3.00000	2.913
	5 Demeton-O	9.734	9.734	(0.517)	46912	0.97500	1.045
	6 Thionazin	9.984	9.984	(0.531)	216898	3.00000	3.078
	7 Ethoprop	10.499	10.499	(0.558)	162719	3.00000	3.090
	8 Phorate	10.539	10.539	(0.560)	189707	3.00000	3.107
	9 Naled	10.939	10.939	(0.581)	46004	3.00000	2.975
	10 Sulfotepp	11.017	11.017	(0.586)	277819	3.00000	3.017(A)
*	11 Tributylphosphate	11.115	11.116	(1.000)	123454	2.00000	
	12 Simazine	11.399	11.399	(0.606)	40610	3.00000	3.079(A)
	13 Diazinon	11.540	11.541	(0.613)	155648	3.00000	3.140
	14 Atrazine	11.584	11.584	(0.616)	85997	3.00000	3.210(A)
	15 Propazine	11.747	11.747	(0.624)	72628	3.00000	3.140
	16 Disulfoton	12.049	12.049	(0.640)	152294	3.00000	3.136
	17 Demeton-S	12.124	12.124	(0.644)	121463	2.04000	2.103
	18 Dimethoate	13.282	13.282	(0.706)	206120	3.00000	3.166
	19 Ronnel	13.587	13.587	(0.722)	134377	3.00000	3.067
	20 Merphos-A (Merphos)	13.689	13.689	(1.232)	139514	3.00000	3.119(A)
	21 Chlorpyrifos	14.409	14.409	(0.766)	137524	3.00000	3.094
	22 Fenthion	14.662	14.662	(0.779)	130285	3.00000	3.161
	23 Trichloronate	14.710	14.711	(0.782)	170976	3.00000	2.945
	24 Anilazine	15.215	15.216	(0.809)	11039	3.00000	2.902
	25 Methyl Parathion	15.519	15.519	(0.825)	140467	3.00000	3.157(A)
	26 Malathion	15.724	15.724	(0.836)	122121	3.00000	2.929
	27 Tokuthion	16.344	16.344	(0.869)	150762	3.00000	3.089
	28 Parathion	16.494	16.494	(0.877)	135916	3.00000	3.100(M)
	29 Merphos-B (Merphos Oxone)	16.514	16.517	(1.486)	40683	3.00000	2.940(AM)
	30 Tetrachlorvinphos (stirophos)	16.977	16.977	(0.902)	90042	3.00000	3.174
	31 Carbophenothion methyl	17.082	17.082	(0.908)	132789	3.00000	3.266
	32 Bolstar	17.440	17.440	(0.927)	132222	3.00000	3.088
	33 Carbophenothion	17.524	17.524	(0.931)	139939	3.00000	3.323(A)

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	34 Triphenyl phosphate	18.280	18.281	(0.972)	105020	3.00000	3.039
	35 Fensulfothion	18.559	18.559	(0.986)	98284	3.00000	3.098
*	36 TOCP	18.815	18.816	(1.000)	69265	2.00000	
	37 Phosmet / EPN	18.909	18.909	(1.005)	207459	6.00000	5.874(A)
	38 Famphur	19.010	19.011	(1.010)	125661	3.00000	2.766
	39 Azinphos-methyl	19.147	19.147	(1.018)	125121	3.00000	3.011
	40 Azinphos-ethyl	19.365	19.366	(1.029)	120801	3.00000	3.052
	41 Coumaphos	20.347	20.347	(1.081)	93401	3.00000	3.069
S	42 Merphos				180197	3.00000	3.122(A)
M	43 Total Demeton				168375	3.00000	3.147

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

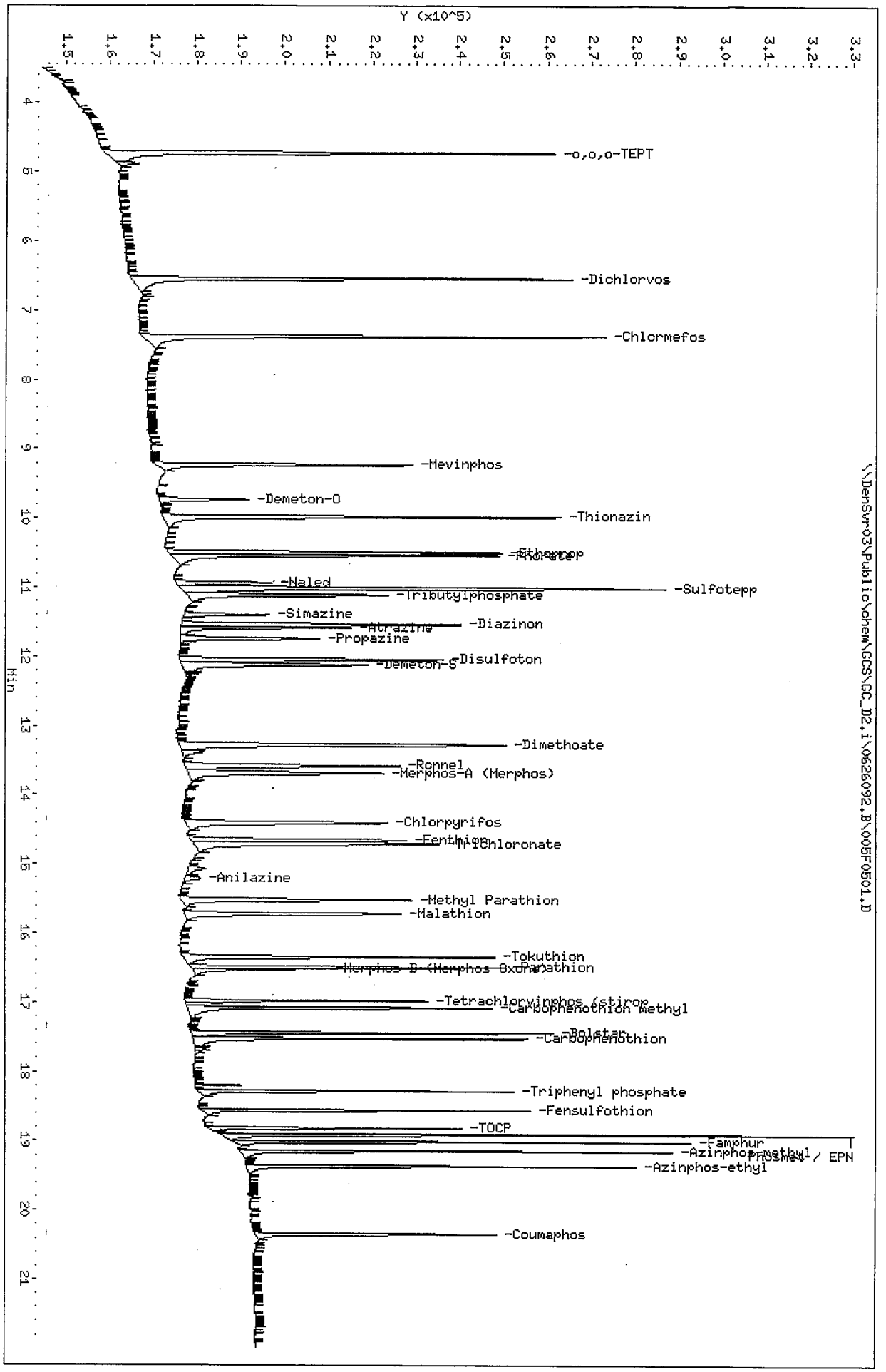
Instrument ID: GC_D2.i
Lab File ID: 005F0501.D
Lab Smp Id: OPP L5 GSV0635
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Misc Info:

Calibration Date: 26-JUN-2009
Calibration Time: 21:40
Client Smp ID: OPP L5 GSV0635
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	123933	61967	247866	123454	-0.39
36 TOCP	68831	34416	137662	69265	0.63

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.12	0.00
36 TOCP	18.82	18.32	19.32	18.82	0.00

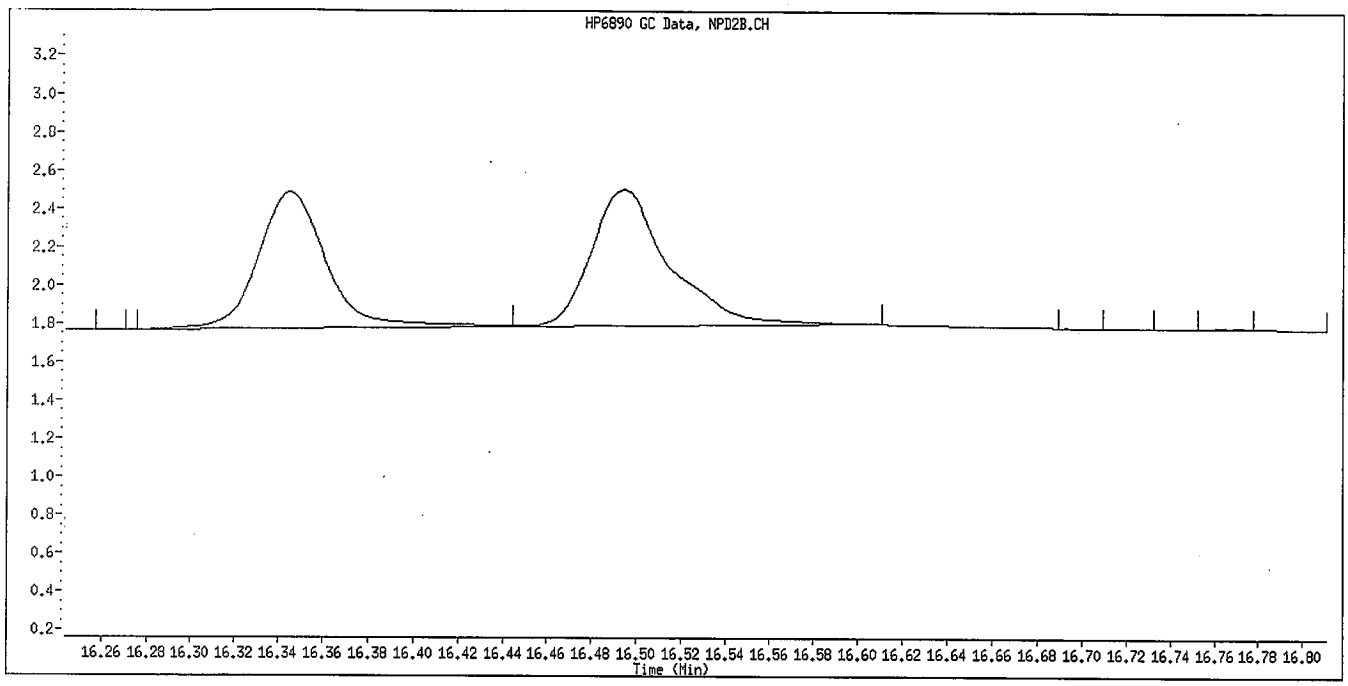
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



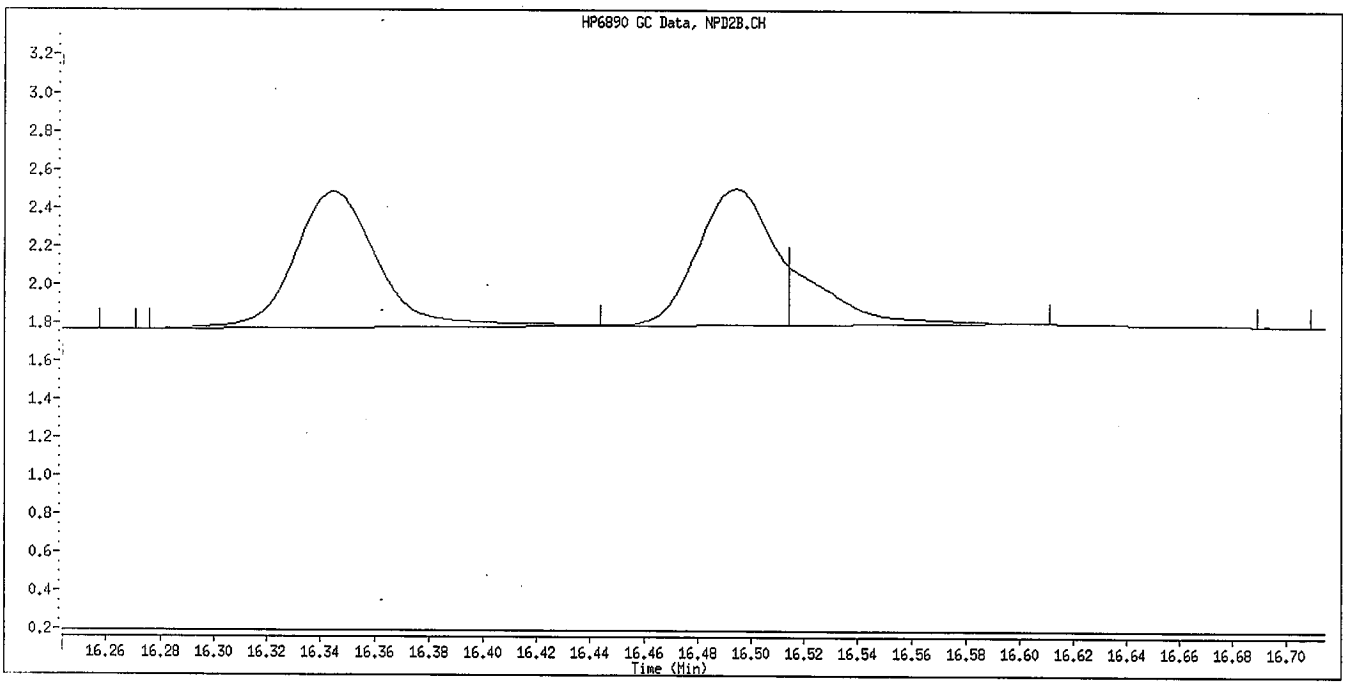
Data File: \\DenSvr03\Public\chem\GCS\GC_D2,i\0626092,B\005F0501,D
Date : 26-JUN-2009 19:23
Client ID: OPP L5 GSV0635
Sample Info: OPP L5 GSV0635
Column phase: RTx-OPPest

Instrument: GC_D2,i
Operator: MPK/TLW
Column diameter: 0.32

Data File Name: 005F0501.D
Inj. Date and Time: 26-JUN-2009 19:23
Instrument ID: GC_D2.i
Client ID: OPP L5 GSV0635
Compound Name: Parathion
CAS #:
Report Date: 06/30/2009



Original Integration

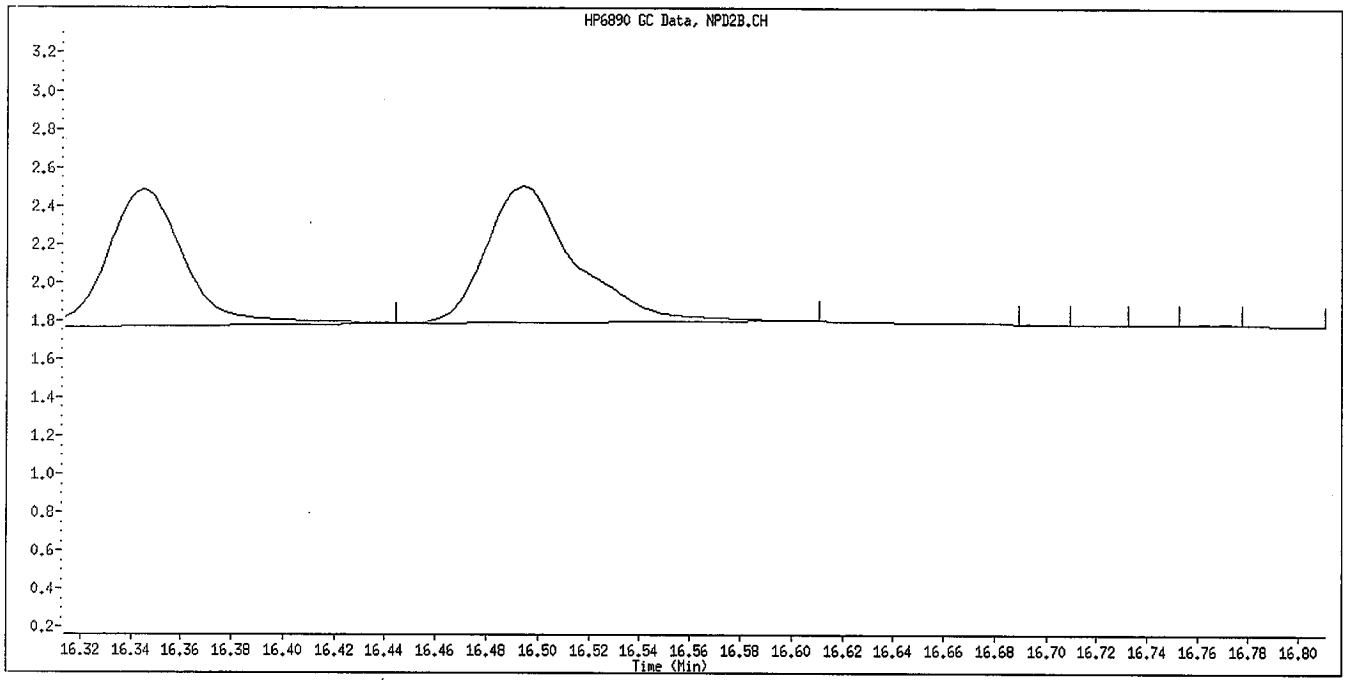


Manual Integration

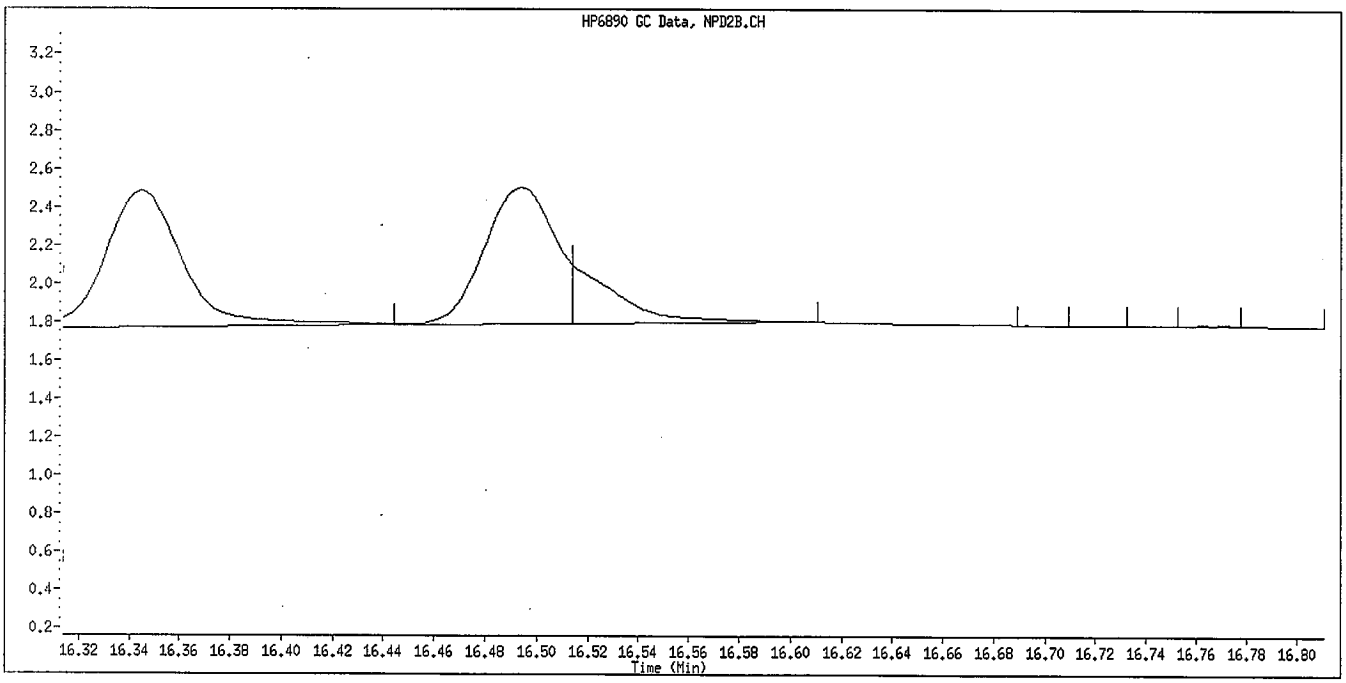
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 005F0501.D
Inj. Date and Time: 26-JUN-2009 19:23
Instrument ID: GC_D2.i
Client ID: OPP L5 GSV0635
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\006F0601.D
Lab Smp Id: OPP L4 GSV0638 Client Smp ID: OPP L4 GSV0638
Inj Date : 26-JUN-2009 19:50
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L4 GSV0638
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Meth Date : 30-Jun-2009 12:58 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 19:23 Cal File: 005F0501.D
Als bottle: 6 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1 o,o,o-TEPT	4.730	4.731	(0.251)	181207	2.00000	2.055
	2 Dichlorvos	6.545	6.546	(0.348)	148252	2.00000	2.154
$	3 Chlormefos	7.383	7.384	(0.392)	138652	2.00000	2.001
	4 Mevinphos	9.233	9.234	(0.491)	98399	2.00000	2.122
	5 Demeton-O	9.733	9.734	(0.517)	29742	0.65000	0.6731
	6 Thionazin	9.983	9.984	(0.531)	134999	2.00000	1.947
	7 Ethoprop	10.498	10.499	(0.558)	103308	2.00000	1.994
	8 Phorate	10.537	10.539	(0.560)	115663	2.00000	1.925
	9 Naled	10.940	10.939	(0.581)	28010	2.00000	1.943
	10 Sulfotepp	11.017	11.017	(0.586)	187497	2.00000	2.069(A)
*	11 Tributylphosphate	11.115	11.116	(1.000)	126959	2.00000	
	12 Simazine	11.398	11.399	(0.606)	26282	2.00000	2.025(A)
	13 Diazinon	11.540	11.541	(0.613)	98649	2.00000	2.033
	14 Atrazine	11.582	11.584	(0.616)	49088	2.00000	1.960(A)
	15 Propazine	11.745	11.747	(0.624)	43235	2.00000	1.922
	16 Disulfoton	12.050	12.049	(0.640)	96402	2.00000	2.017
	17 Demeton-S	12.125	12.124	(0.644)	70921	1.36000	1.296
	18 Dimethoate	13.280	13.282	(0.706)	123978	2.00000	1.935
	19 Ronnel	13.588	13.587	(0.722)	84095	2.00000	1.950
	20 Merphos-A (Merphos)	13.690	13.689	(1.232)	90289	2.00000	1.962(A)
	21 Chlorpyrifos	14.408	14.409	(0.766)	82272	2.00000	1.881
	22 Fenthion	14.660	14.662	(0.779)	79190	2.00000	1.952
	23 Trichloronate	14.708	14.711	(0.782)	106326	2.00000	1.900
	24 Anilazine	15.212	15.216	(0.808)	6899	2.00000	1.843
	25 Methyl Parathion	15.520	15.519	(0.825)	91219	2.00000	2.083(A)
	26 Malathion	15.725	15.724	(0.836)	80242	2.00000	1.956
	27 Tokuthion	16.345	16.344	(0.869)	92069	2.00000	1.917
	28 Parathion	16.493	16.494	(0.877)	84124	2.00000	1.950(M)
	29 Merphos-B (Merphos Oxone)	16.513	16.517	(1.486)	23458	2.00000	1.603(AM)
	30 Tetrachlorvinphos (stirophos)	16.977	16.977	(0.902)	54727	2.00000	1.961
	31 Carbophenothion methyl	17.082	17.082	(0.908)	79857	2.00000	1.996
	32 Bolstar	17.440	17.440	(0.927)	82203	2.00000	1.951
	33 Carbophenothion	17.523	17.524	(0.931)	80431	2.00000	1.941(A)

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	34 Triphenyl phosphate	18.280	18.281	(0.972)	73416	2.00000	2.159
	35 Fensulfothion	18.558	18.559	(0.986)	66352	2.00000	2.125
*	36 TOCP	18.815	18.816	(1.000)	68161	2.00000	
	37 Phosmet / EPN	18.908	18.909	(1.005)	146012	4.00000	4.177
	38 Famphur	19.012	19.011	(1.010)	95300	2.00000	2.132
	39 Azinphos-methyl	19.147	19.147	(1.018)	88773	2.00000	2.171
	40 Azinphos-ethyl	19.365	19.366	(1.029)	80966	2.00000	2.079
	41 Coumaphos	20.347	20.347	(1.081)	61650	2.00000	2.059
S	42 Merphos				113747	2.00000	2.002(A)
M	43 Total Demeton				100663	2.00000	1.969

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

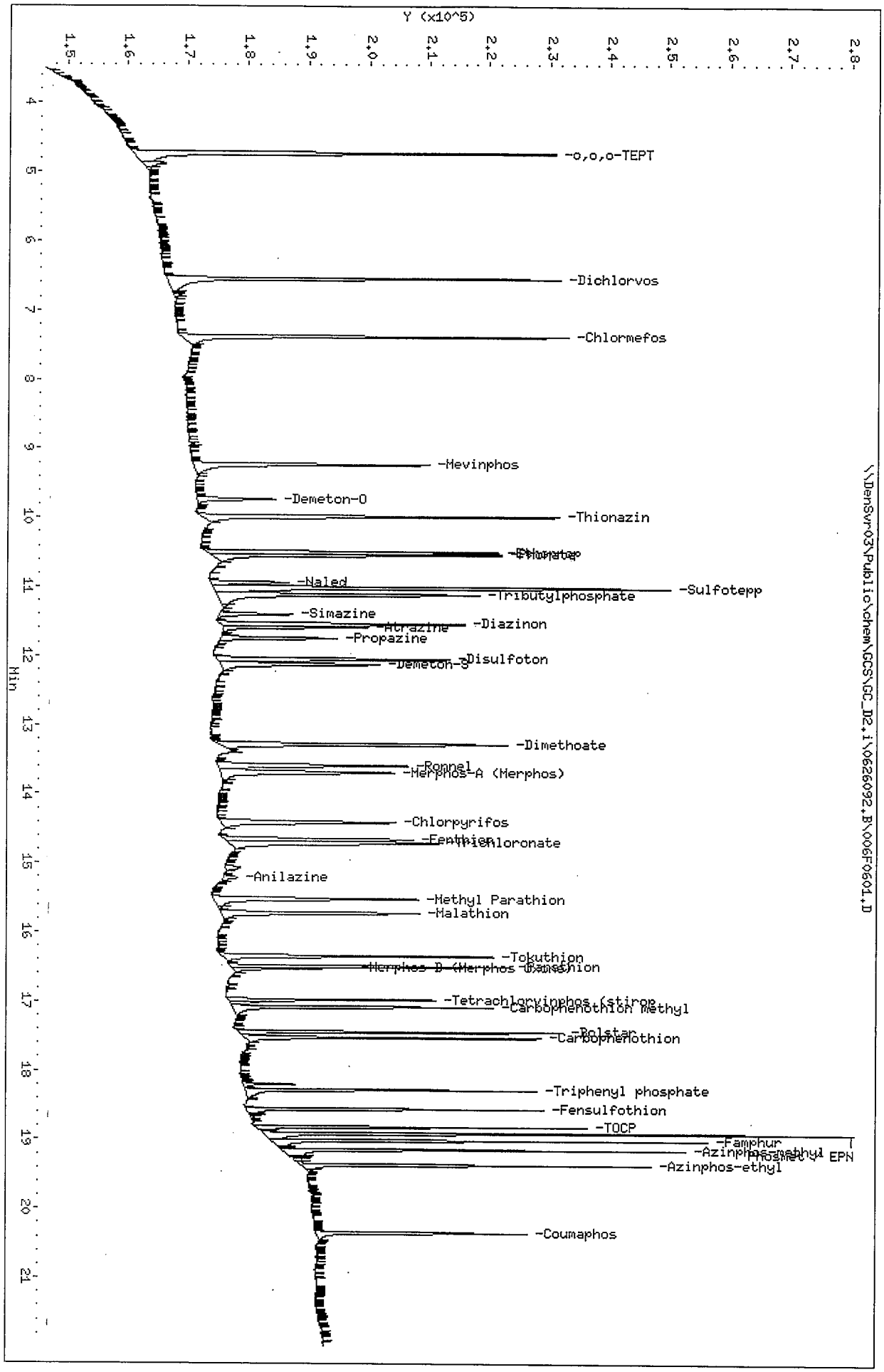
Instrument ID: GC_D2.i
Lab File ID: 006F0601.D
Lab Smp Id: OPP L4 GSV0638
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Misc Info:

Calibration Date: 26-JUN-2009
Calibration Time: 19:50
Client Smp ID: OPP L4 GSV0638
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	126959	63480	253918	126959	0.00
36 TOCP	68161	34081	136322	68161	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.12	0.00
36 TOCP	18.82	18.32	19.32	18.82	0.00

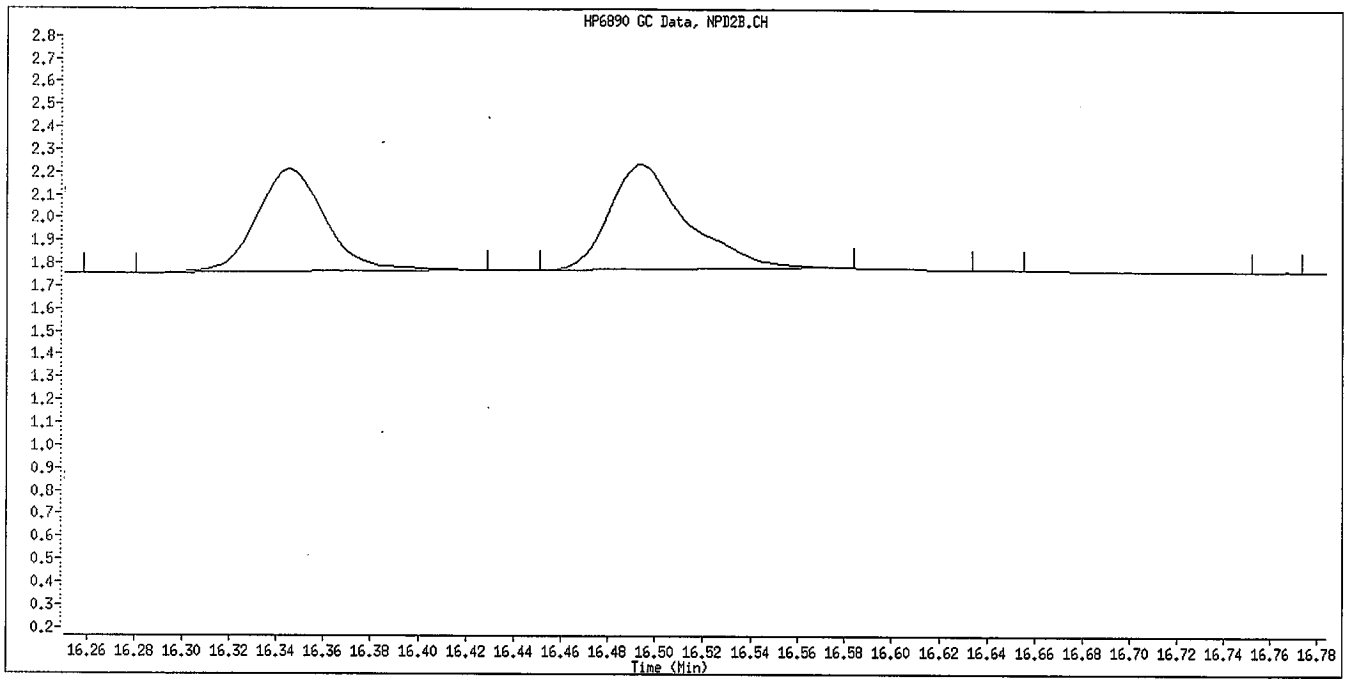
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



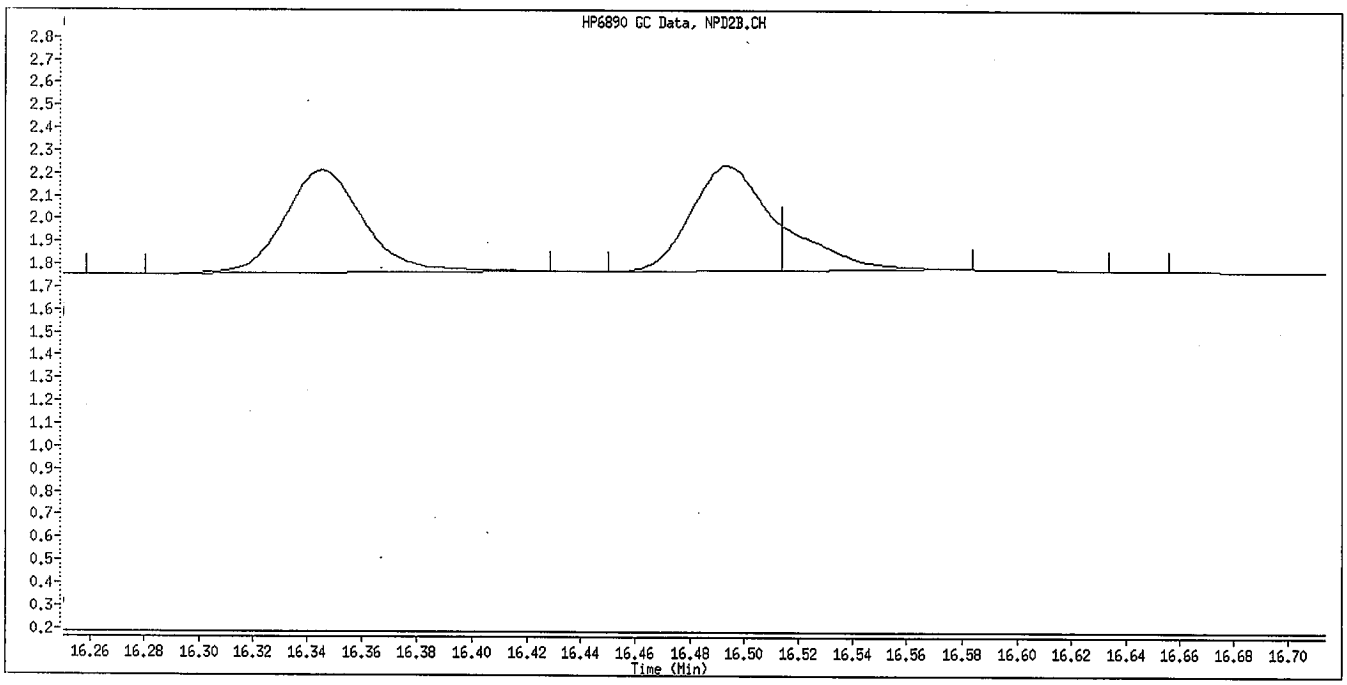
Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\006F0604.D
Date : 26-JUN-2009 19:50
Client ID: OPP L4 GSV0638
Sample Info: OPP L4 GSV0638
Column phase: RTx-OPPest

Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

Data File Name: 006F0601.D
Inj. Date and Time: 26-JUN-2009 19:50
Instrument ID: GC_D2.i
Client ID: OPP L4 GSV0638
Compound Name: Parathion
CAS #:
Report Date: 06/30/2009



Original Integration

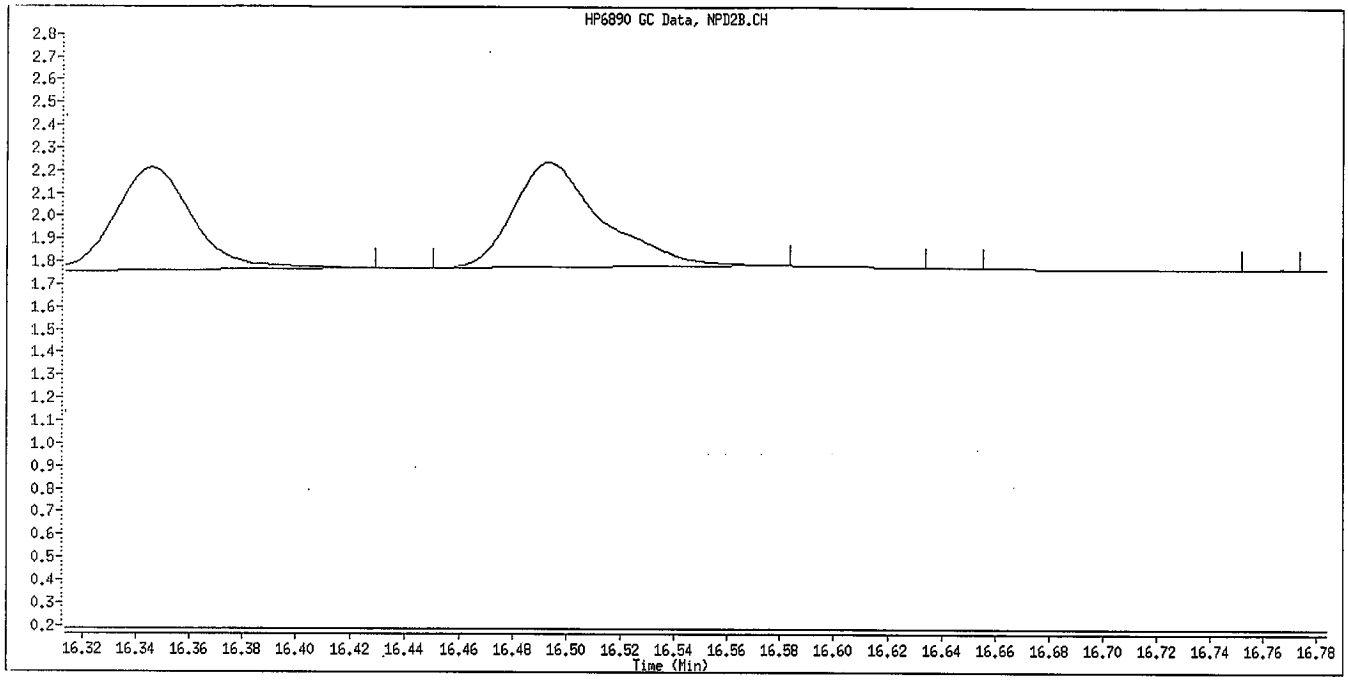


Manual Integration

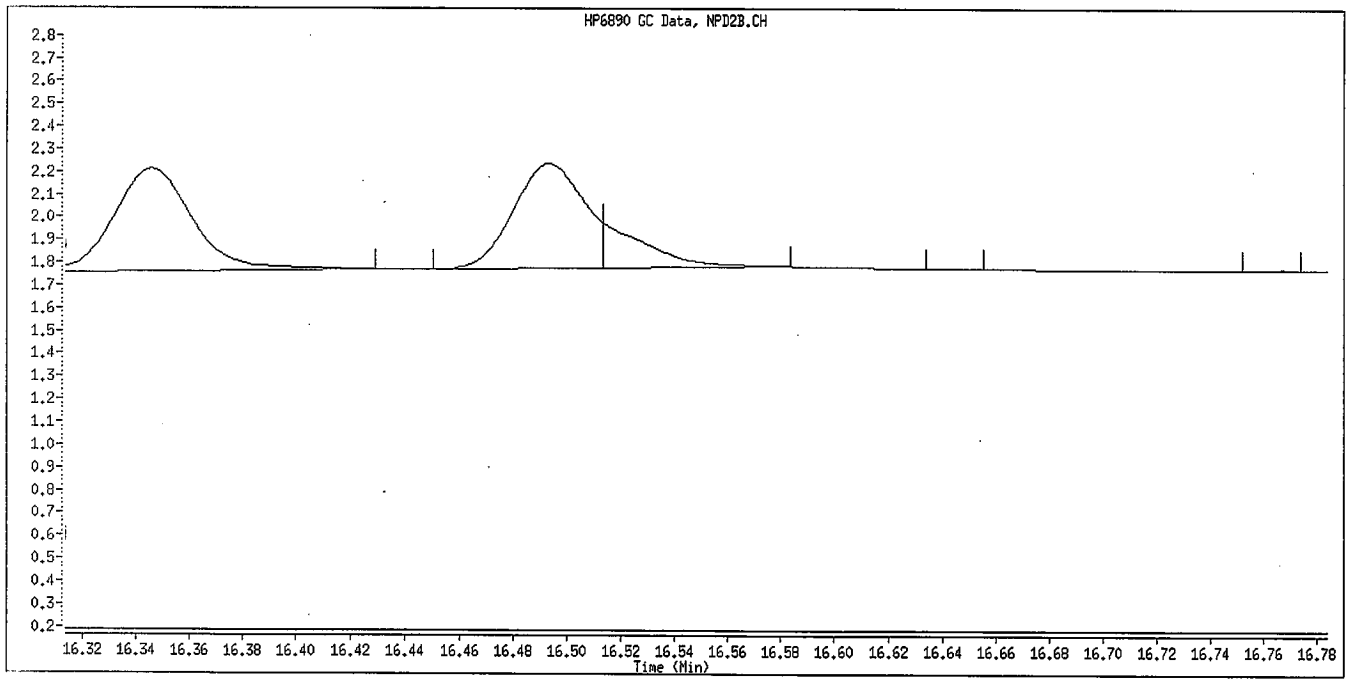
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 006F0601.D
Inj. Date and Time: 26-JUN-2009 19:50
Instrument ID: GC_D2.i
Client ID: OPP L4 GSV0638
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\007F0701.D
Lab Smp Id: OPP L3 GSV0639 Client Smp ID: OPP L3 GSV0639
Inj Date : 26-JUN-2009 20:18
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L3 GSV0639
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Meth Date : 30-Jun-2009 12:58 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 19:50 Cal File: 006F0601.D
Als bottle: 7 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

						AMOUNTS	
	Compounds	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/mL)	ON-COL (ug/mL)
	1 o,o,o-TEPT	4.728	4.731	(0.251)	81887	1.00000	0.9107
	2 Dichlorvos	6.546	6.546	(0.348)	63970	1.00000	0.9111
$	3 Chlormefos	7.383	7.384	(0.392)	61984	1.00000	0.8770
	4 Mevinphos	9.235	9.234	(0.491)	42341	1.00000	0.8952
	5 Demeton-O	9.733	9.734	(0.517)	13386	0.32500	0.2970
	6 Thionazin	9.985	9.984	(0.531)	67347	1.00000	0.9522
	7 Ethoprop	10.500	10.499	(0.558)	50288	1.00000	0.9515
	8 Phorate	10.536	10.539	(0.560)	55056	1.00000	0.8983
	9 Naled	10.941	10.939	(0.582)	10859	1.00000	0.9052
	10 Sulfotepp	11.016	11.017	(0.586)	90141	1.00000	0.9752(A)
*	11 Tributylphosphate	11.116	11.116	(1.000)	109941	2.00000	
	12 Simazine	11.398	11.399	(0.606)	12288	1.00000	0.9282(A)
	13 Diazinon	11.541	11.541	(0.613)	49407	1.00000	1.013
	14 Atrazine	11.581	11.584	(0.616)	21316	1.00000	0.9678(A)
	15 Propazine	11.746	11.747	(0.624)	20907	1.00000	0.9421
	16 Disulfoton	12.050	12.049	(0.640)	47563	1.00000	0.9757
	17 Demeton-S	12.126	12.124	(0.645)	33785	0.68000	0.6688
	18 Dimethoate	13.283	13.282	(0.706)	60106	1.00000	0.9200
	19 Ronnel	13.588	13.587	(0.722)	39845	1.00000	0.9061
	20 Merphos-A (Merphos)	13.690	13.689	(1.231)	42032	1.00000	1.055(A)
	21 Chlorpyrifos	14.410	14.409	(0.766)	43430	1.00000	0.9737
	22 Fenthion	14.663	14.662	(0.779)	40767	1.00000	0.9854
	23 Trichloronate	14.710	14.711	(0.782)	49357	1.00000	0.9220
	24 Anilazine	15.218	15.216	(0.809)	3581	1.00000	0.9372(M)
	25 Methyl Parathion	15.520	15.519	(0.825)	42442	1.00000	0.9503
	26 Malathion	15.725	15.724	(0.836)	39993	1.00000	0.9559
	27 Tokuthion	16.345	16.344	(0.869)	47016	1.00000	0.9598
	28 Parathion	16.493	16.494	(0.877)	43405	1.00000	0.9863(M)
	29 Merphos-B (Merphos Oxone)	16.515	16.517	(1.486)	15065	1.00000	1.162(AM)
	30 Tetrachlorvinphos (stirophos)	16.976	16.977	(0.902)	25459	1.00000	0.8943
	31 Carbophenothion methyl	17.081	17.082	(0.908)	36393	1.00000	0.8919
	32 Bolstar	17.441	17.440	(0.927)	41390	1.00000	0.9630
	33 Carbophenothion	17.523	17.524	(0.931)	40089	1.00000	0.9485(A)

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	34 Triphenyl phosphate	18.280	18.281	(0.972)	31677	1.00000	0.9133
	35 Fensulfothion	18.558	18.559	(0.986)	30601	1.00000	0.9609
*	36 TOCP	18.815	18.816	(1.000)	69519	2.00000	
	37 Phosmet / EPN	18.908	18.909	(1.005)	68186	2.00000	1.866
	38 Famphur	19.010	19.011	(1.010)	41284	1.00000	0.9054
	39 Azinphos-methyl	19.145	19.147	(1.018)	37491	1.00000	0.8988
	40 Azinphos-ethyl	19.365	19.366	(1.029)	38936	1.00000	0.9801
	41 Coumaphos	20.345	20.347	(1.081)	29854	1.00000	0.9774
S	42 Merphos				57097	1.00000	0.9855
M	43 Total Demeton				47171	1.00000	0.9658

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

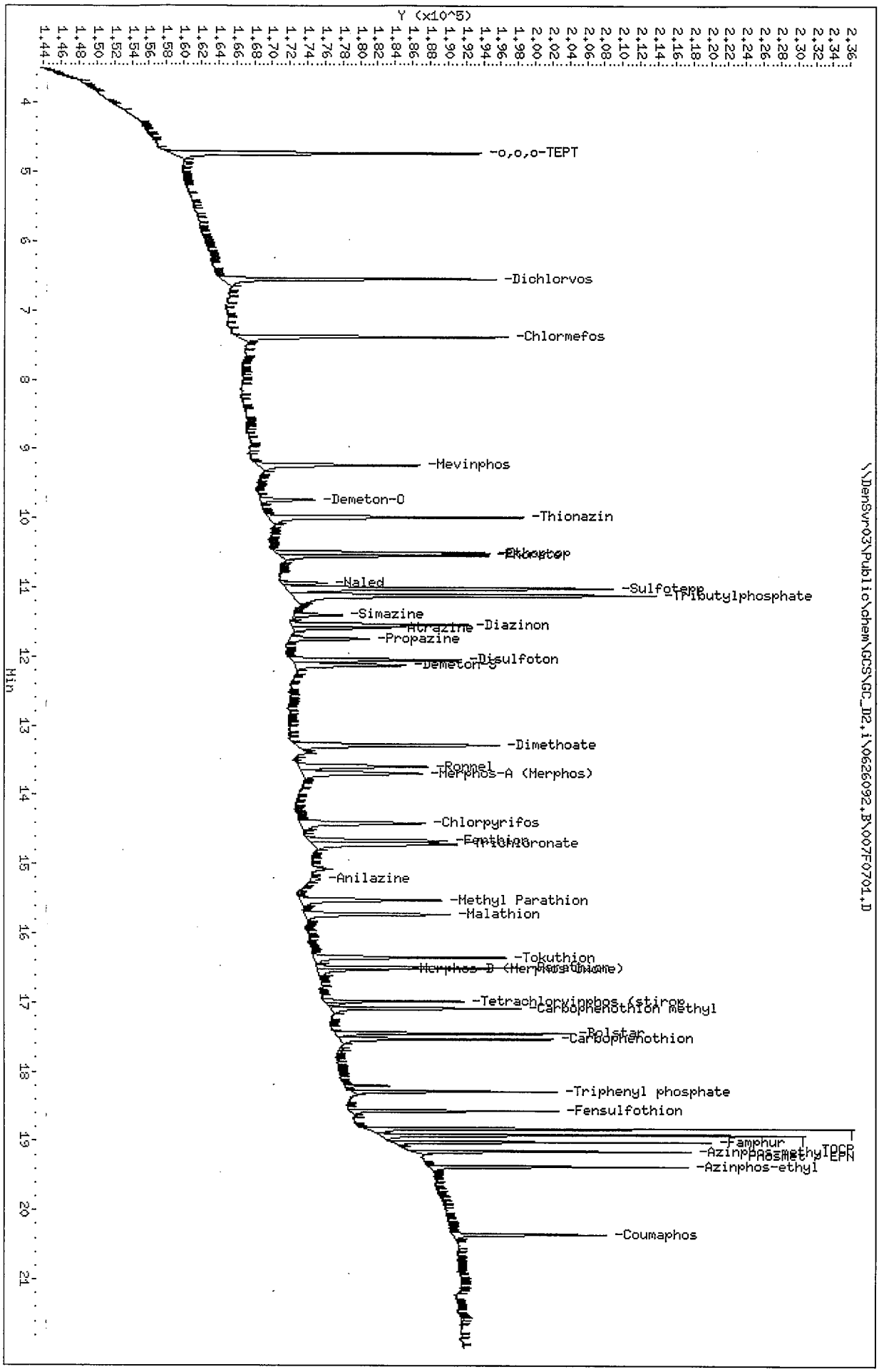
Instrument ID: GC_D2.i
Lab File ID: 007F0701.D
Lab Smp Id: OPP L3 GSV0639
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Misc Info:

Calibration Date: 26-JUN-2009
Calibration Time: 19:50
Client Smp ID: OPP L3 GSV0639
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	126959	63480	253918	109941	-13.40
36 TOCP	68161	34081	136322	69519	1.99

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.12	0.01
36 TOCP	18.82	18.32	19.32	18.82	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\DenSvr03\Public\chem\GCS\GC_D2,i\0626092,B\007F0704.D
Date : 26-JUN-2009 20:18
Client ID: OPP L3 GSV0639
Sample Info: OPP L3 GSV0639
Column phase: RTx-OPPest
Instrument: GC_D2,i
Operator: MPK/TLW
Column diameter: 0.32
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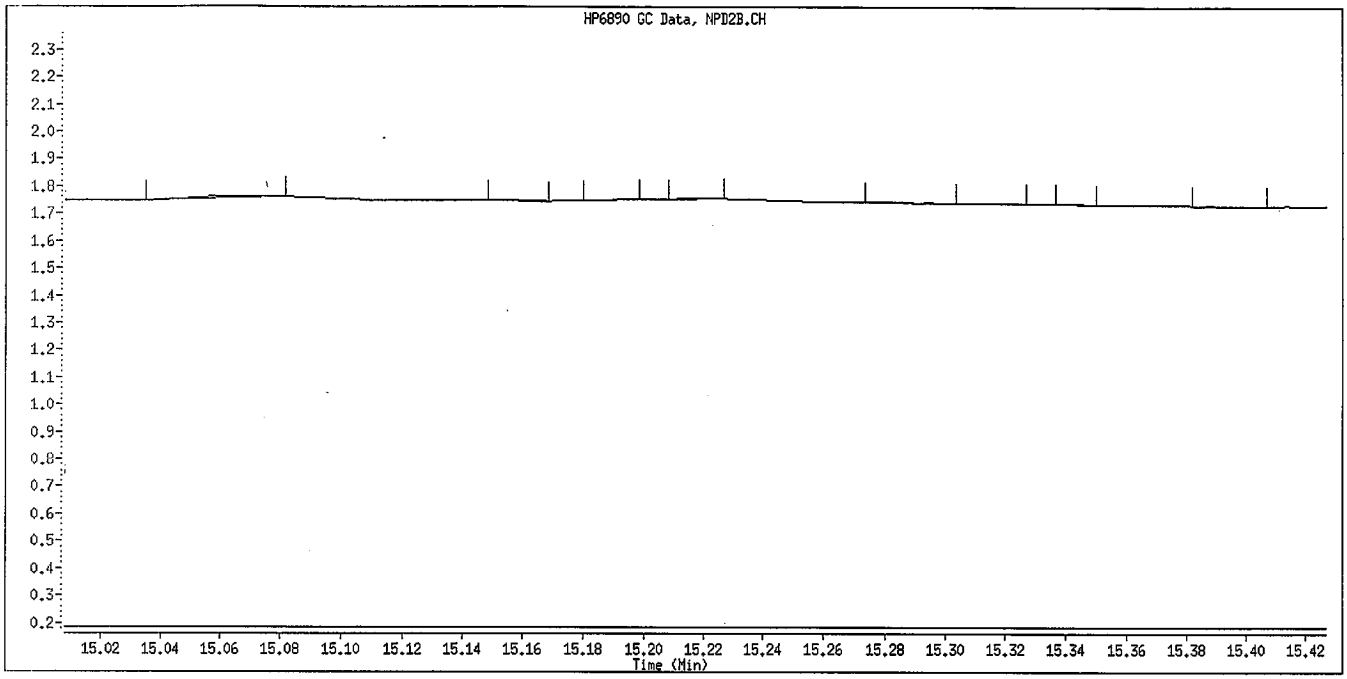
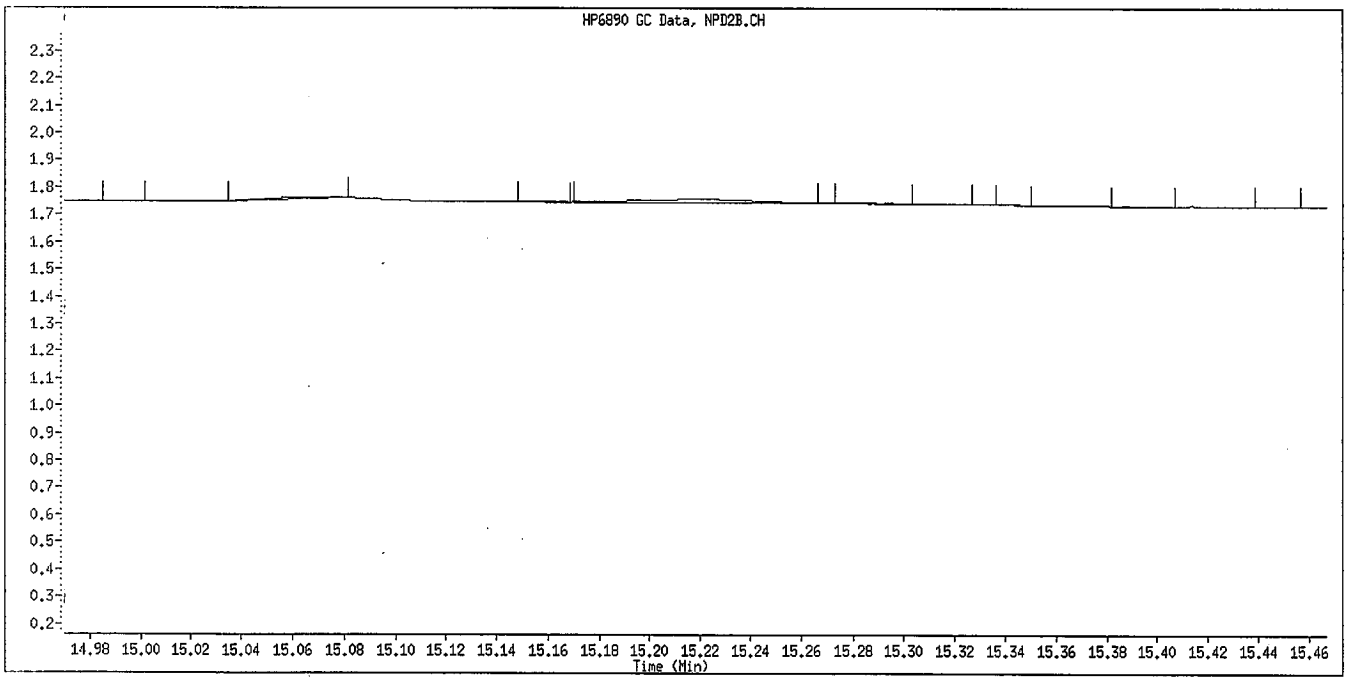
Min
-o,o,o-TEPT
-Dichlorvos
-Chlormefos
-Mevinphos
-Demeton-O
-Thionazin
-Naled
-Sulfotepp
-Tributylphosphate
-Simazine
-Atrazine
-Diazinon
-Propazine
-Demeton-S
-Disulfoton
-Dimethoate
-Ronnel
-Merphos-A (Merphos)
-Chlorpyrifos
-Fenthion
-Trichloronate
-Anilazine
-Methyl Parathion
-Malathion
-Tokuthion
-Merphos-B (Merphos Oxone)
-Tetrachlorvinphos (Stirofos)
-Carbophenothion methyl
-Bolstar
-Carbophenothion
-Triphenyl phosphate
-Fensulfothion
-Famphur
-Azinphos-methyl
-EPN
-Azinphos-ethyl
-Coumaphos

Data File Name: 007F0701.D
Inj. Date and Time: 26-JUN-2009 20:18
Instrument ID: GC_D2.i
Client ID: OPP L3 GSV0639
Compound Name: Anilazine
CAS #:
Report Date: 06/30/2009



Original Integration

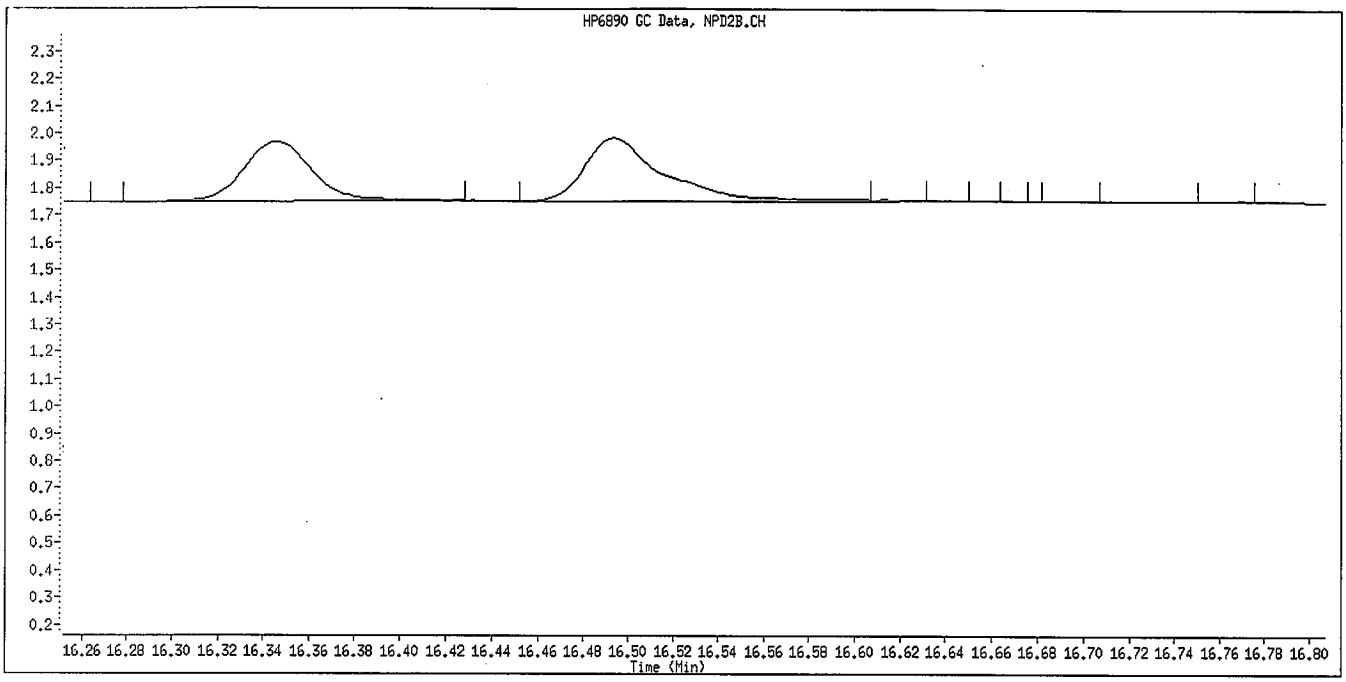


Manual Integration

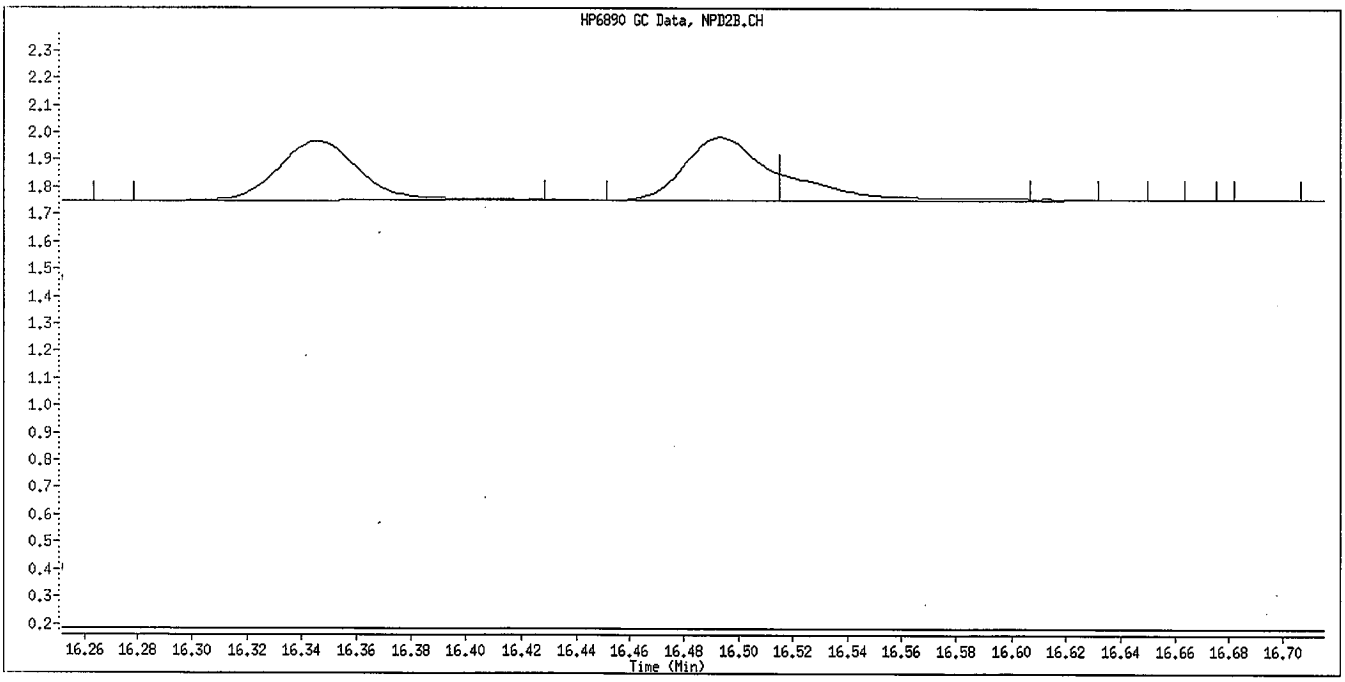
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 007F0701.D
Inj. Date and Time: 26-JUN-2009 20:18
Instrument ID: GC_D2.i
Client ID: OPP L3 GSV0639
Compound Name: Parathion
CAS #:
Report Date: 06/30/2009



Original Integration

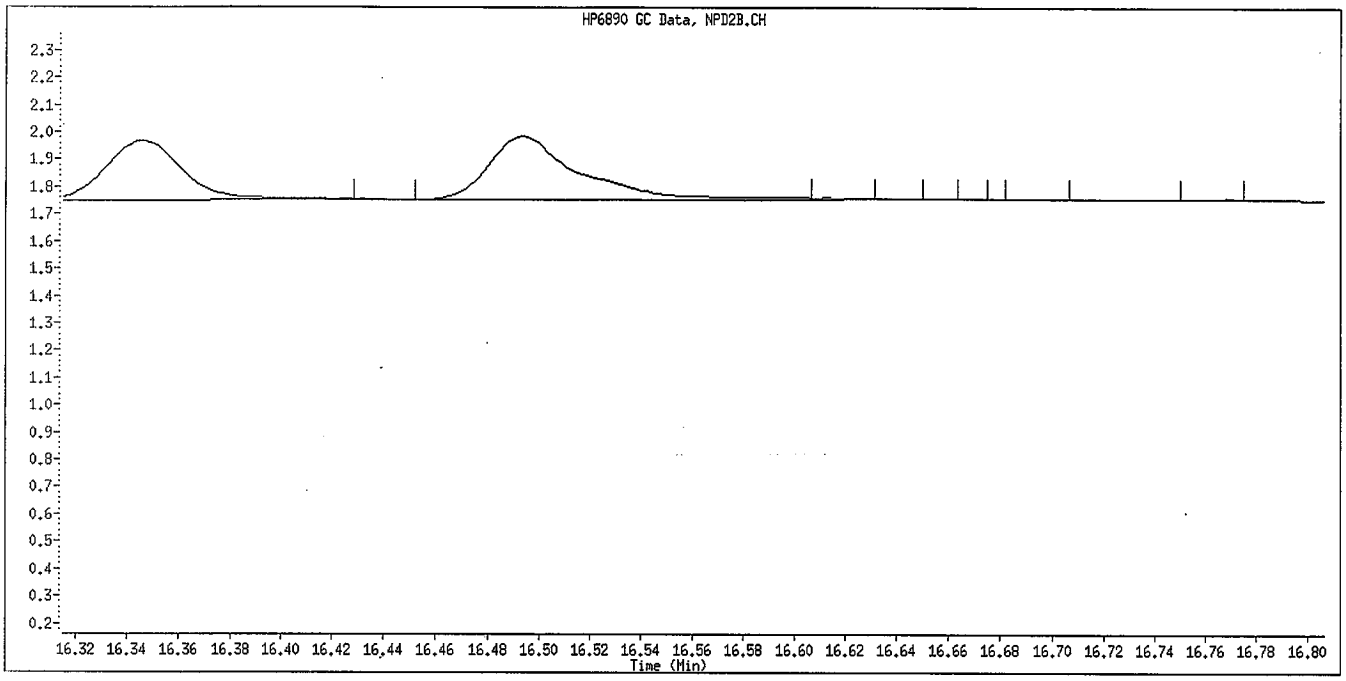


Manual Integration

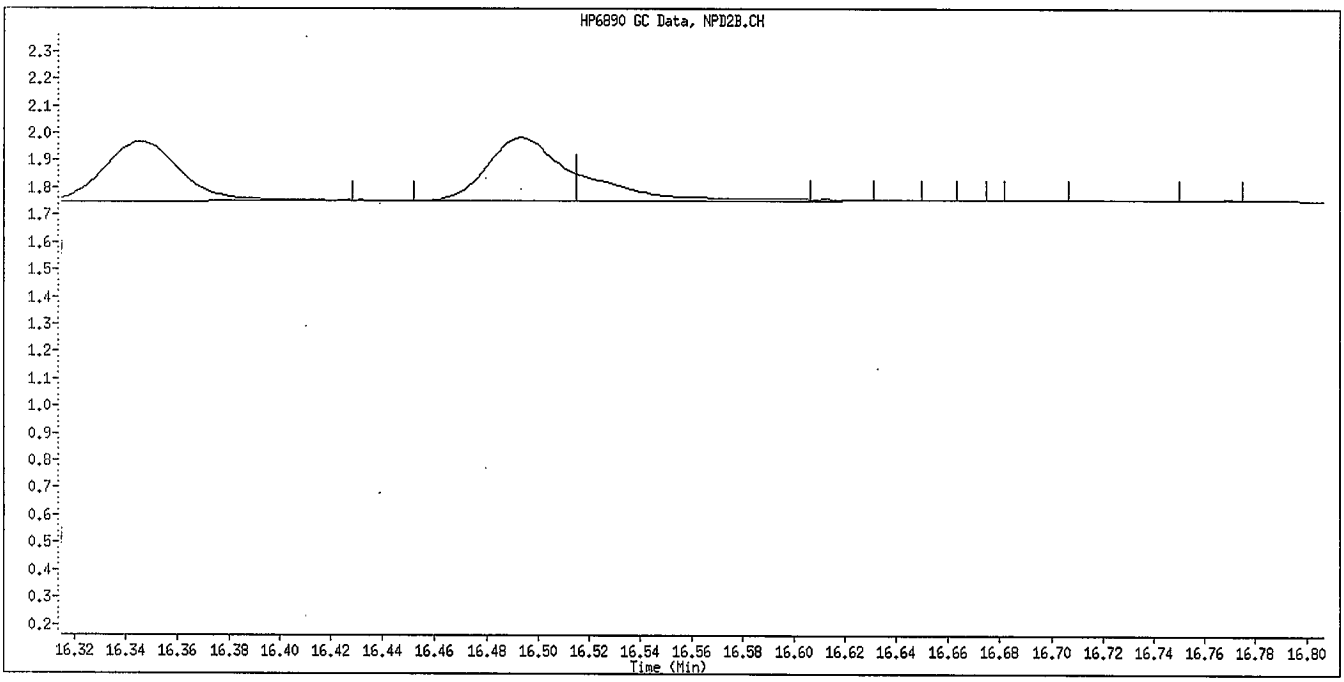
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 007F0701.D
Inj. Date and Time: 26-JUN-2009 20:18
Instrument ID: GC_D2.i
Client ID: OPP L3 GSV0639
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\008F0801.D
Lab Smp Id: OPP L2 GSV0640 Client Smp ID: OPP L2 GSV0640
Inj Date : 26-JUN-2009 20:45
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L2 GSV0640
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Meth Date : 30-Jun-2009 12:58 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 20:18 Cal File: 007F0701.D
Als bottle: 8 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

		Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1	o,o,o-TEPT	4.729	4.731	(0.251)	43725	0.50000	0.4721
	2	Dichlorvos	6.546	6.546	(0.348)	32623	0.50000	0.4511
$	3	Chlormefos	7.383	7.384	(0.392)	32886	0.50000	0.4517
	4	Mevinphos	9.233	9.234	(0.491)	22377	0.50000	0.4593
	5	Demeton-O	9.734	9.734	(0.517)	7562	0.16250	0.1629
	6	Thionazin	9.983	9.984	(0.531)	32975	0.50000	0.4526
	7	Ethoprop	10.501	10.499	(0.558)	25261	0.50000	0.4640
	8	Phorate	10.538	10.539	(0.560)	28693	0.50000	0.4545
	9	Naled	10.934	10.939	(0.581)	1666	0.50000	0.3635
	10	Sulfotepp	11.018	11.017	(0.586)	45401	0.50000	0.4768(A)
*	11	Tributylphosphate	11.118	11.116	(1.000)	107017	2.00000	
	12	Simazine	11.401	11.399	(0.606)	6209	0.50000	0.4553(A)
	13	Diazinon	11.541	11.541	(0.613)	15923	0.50000	0.3370
	14	Atrazine	11.579	11.584	(0.615)	1231	0.50000	0.2736(A)
	15	Propazine	11.746	11.747	(0.624)	8102	0.50000	0.3907
	16	Disulfoton	12.049	12.049	(0.640)	23807	0.50000	0.4741
	17	Demeton-S	12.124	12.124	(0.644)	15766	0.34000	0.3681
	18	Dimethoate	13.281	13.282	(0.706)	33707	0.50000	0.5009
	19	Ronnel	13.588	13.587	(0.722)	19648	0.50000	0.4338
	20	Merphos-A (Merphos)	13.689	13.689	(1.231)	19488	0.50000	0.5025(A)
	21	Chlorpyrifos	14.409	14.409	(0.766)	20746	0.50000	0.4515
	22	Fenthion	14.661	14.662	(0.779)	20747	0.50000	0.4869
	23	Trichloronate	14.709	14.711	(0.782)	26053	0.50000	0.5238
	24	Anilazine	15.213	15.216	(0.809)	2256	0.50000	0.5727(M)
	25	Methyl Parathion	15.519	15.519	(0.825)	20061	0.50000	0.4361
	26	Malathion	15.724	15.724	(0.836)	21428	0.50000	0.4972
	27	Tokuthion	16.346	16.344	(0.869)	23462	0.50000	0.4650
	28	Parathion	16.493	16.494	(0.877)	20700	0.50000	0.4566(M)
	29	Merphos-B (Merphos Oxone)	16.514	16.517	(1.485)	6271	0.50000	0.4377(AM)
	30	Tetrachlorvinphos (stirophos)	16.976	16.977	(0.902)	13089	0.50000	0.4464
	31	Carbophenothion methyl	17.081	17.082	(0.908)	18266	0.50000	0.4346
	32	Bolstar	17.441	17.440	(0.927)	21910	0.50000	0.4949
	33	Carbophenothion	17.521	17.524	(0.931)	20336	0.50000	0.4671(A)

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	34 Triphenyl phosphate	18.279	18.281	(0.972)	15570	0.50000	0.4358
	35 Fensulfothion	18.558	18.559	(0.986)	14395	0.50000	0.4388
*	36 TOCP	18.814	18.816	(1.000)	71609	2.00000	
	37 Phosmet / EPN	18.908	18.909	(1.005)	35826	1.00000	0.9102
	38 Famphur	19.009	19.011	(1.010)	21626	0.50000	0.4604
	39 Azinphos-methyl	19.146	19.147	(1.018)	19508	0.50000	0.4540
	40 Azinphos-ethyl	19.364	19.366	(1.029)	19984	0.50000	0.4884
	41 Coumaphos	20.348	20.347	(1.081)	14618	0.50000	0.4646
S	42 Merphos				25759	0.50000	0.4316
M	43 Total Demeton				23328	0.50000	0.5310

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

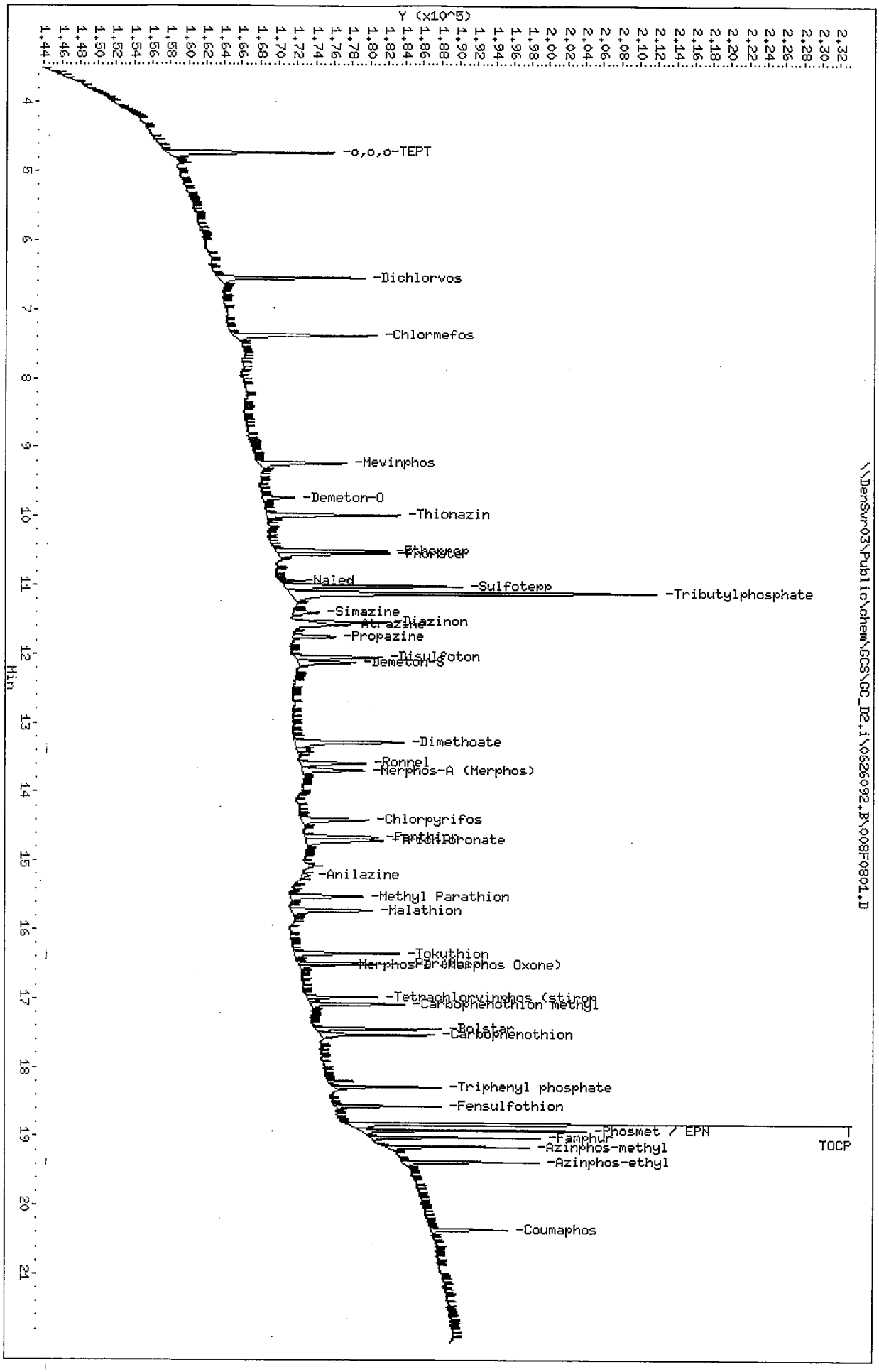
Instrument ID: GC_D2.i
Lab File ID: 008F0801.D
Lab Smp Id: OPP L2 GSV0640
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Misc Info:

Calibration Date: 26-JUN-2009
Calibration Time: 19:50
Client Smp ID: OPP L2 GSV0640
Level:
Sample Type:

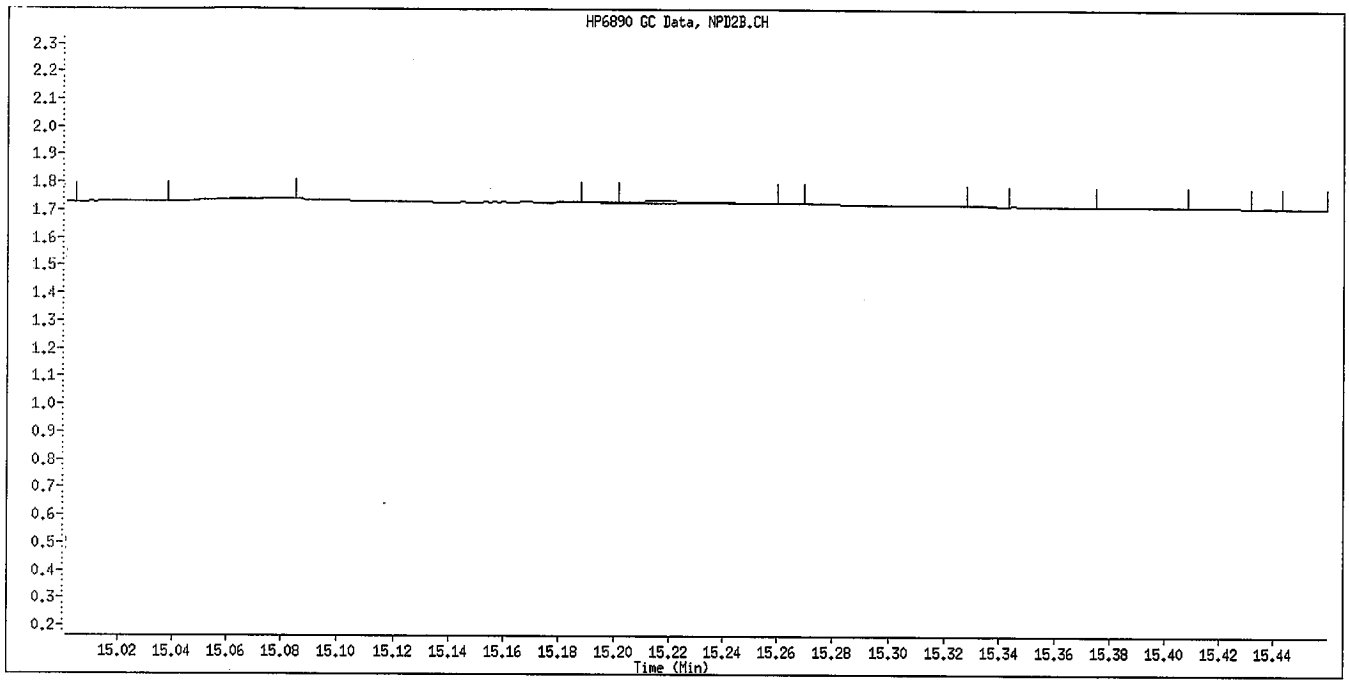
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	126959	63480	253918	107017	-15.71
36 TOCP	68161	34081	136322	71609	5.06

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.12	0.02
36 TOCP	18.82	18.32	19.32	18.81	-0.00

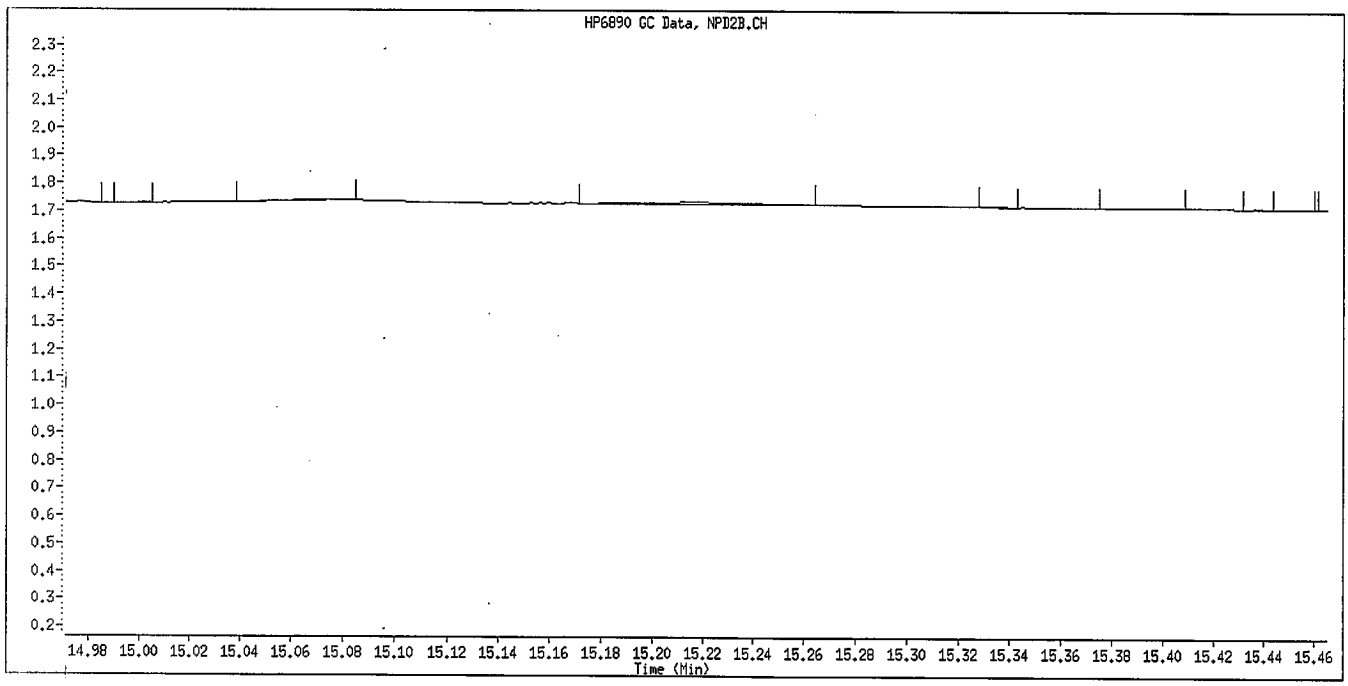
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\008F0801.D
Date : 26-JUN-2009 20:45
Client ID: OPP L2 GSV0640
Sample Info: OPP L2 GSV0640
Column phase: RTx-OPPest
Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32
\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\008F0801.D
Y (x10^5)
Min
-o,o,o-TEPT
-Dichlorvos
-Chlormefos
-Mevinphos
-Demeton-O
-Thionazin
-Ethoprop
-Phorate
-Naled
-Sulfotepp
-Tributylphosphate
-Simazine
-Atrazine
-Diazinon
-Propazine
-Disulfoton
-Demeton-S
-Dimethoate
-Ronnel
-Merphos-A (Merphos)
-Chlorpyrifos
-Fenthion
-Prothiofos
-Anilazine
-Methyl Parathion
-Malathion
-Tokuthion
-Merphos-B (Merphos Oxone)
-Tetrachlorvinphos (stirofos)
-Carbophenothion methyl
-Bolstar
-Carbophenothion
-Triphenyl phosphate
-Fensulfothion
-Phosmet / EPN
-Famphur
-Azinphos-methyl
-Azinphos-ethyl
TOCP
-Coumaphos

Data File Name: 008F0801.D
Inj. Date and Time: 26-JUN-2009 20:45
Instrument ID: GC_D2.i
Client ID: OPP L2 GSV0640
Compound Name: Anilazine
CAS #:
Report Date: 06/30/2009



Original Integration

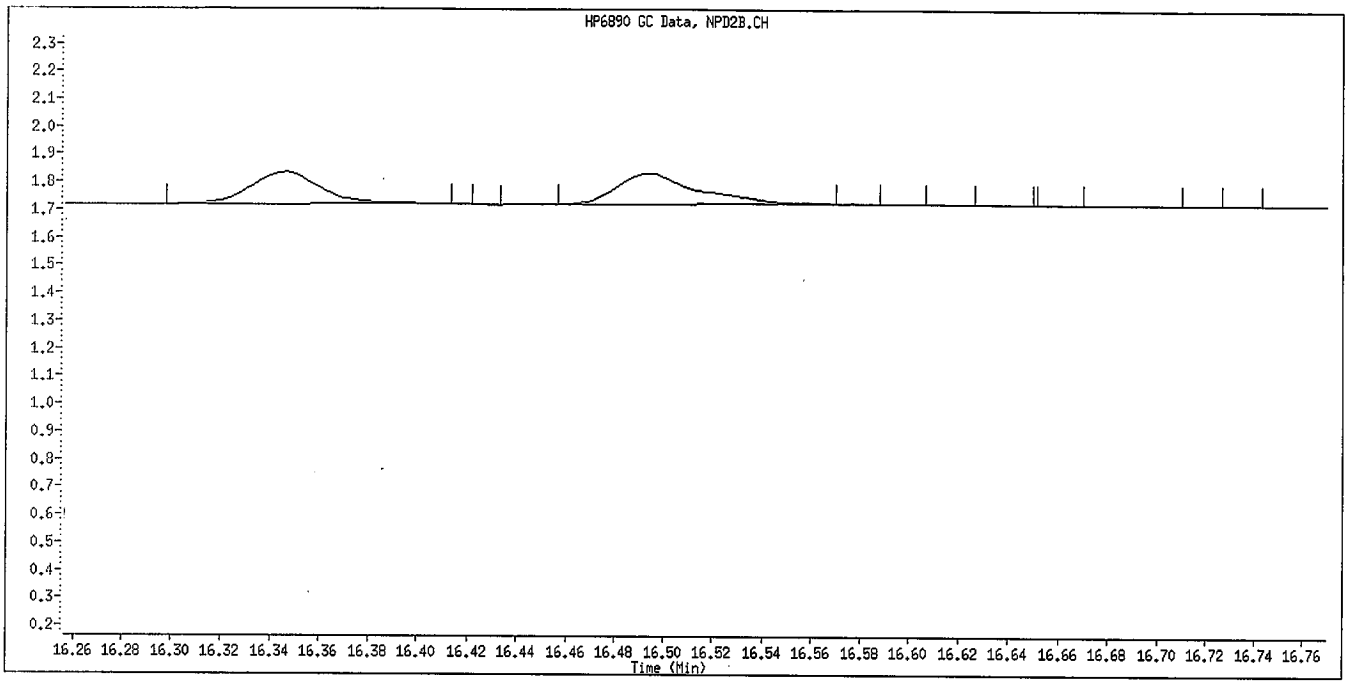


Manual Integration

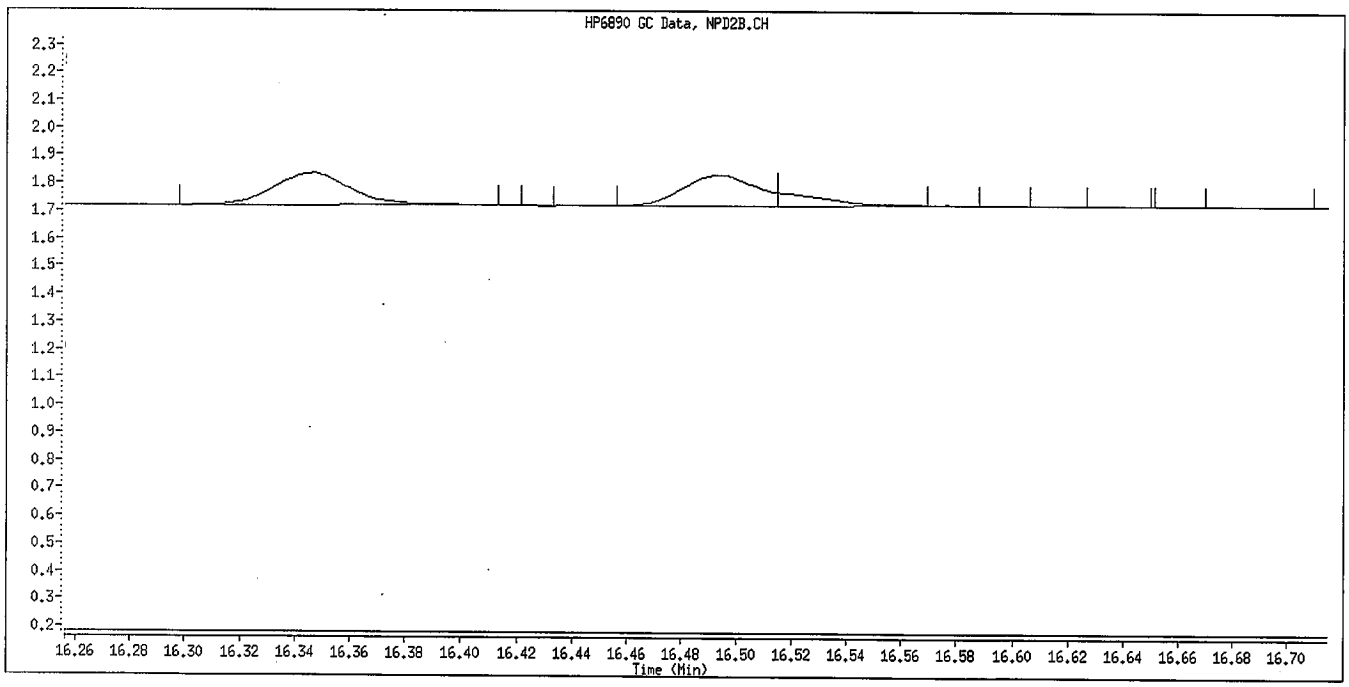
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 008F0801.D
Inj. Date and Time: 26-JUN-2009 20:45
Instrument ID: GC_D2.i
Client ID: OPP L2 GSV0640
Compound Name: Parathion
CAS #:
Report Date: 06/30/2009



Original Integration

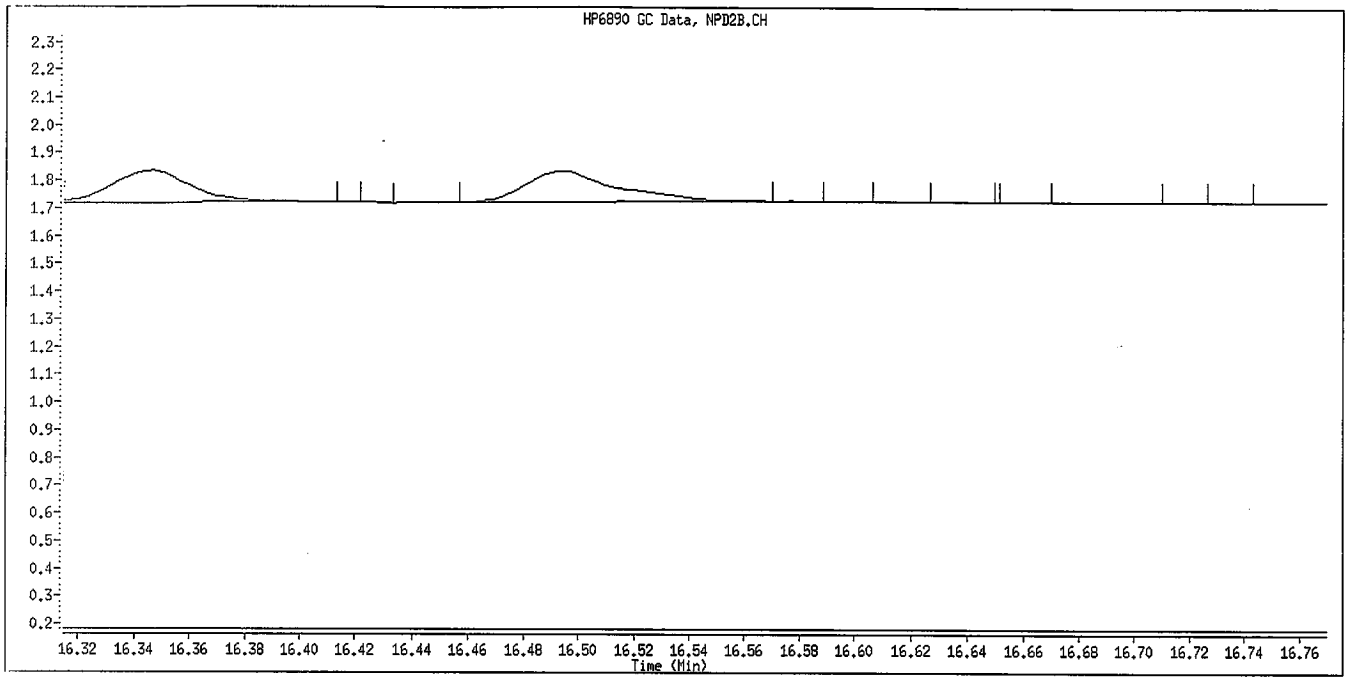


Manual Integration

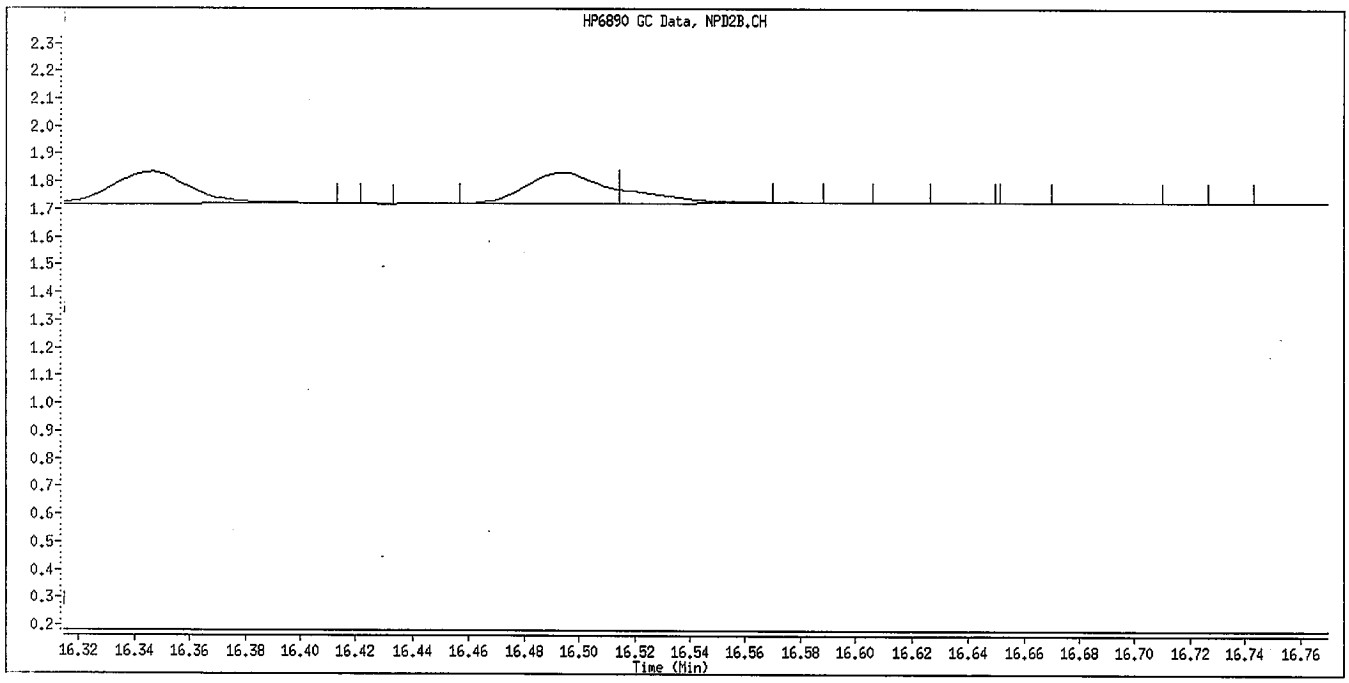
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 008F0801.D
Inj. Date and Time: 26-JUN-2009 20:45
Instrument ID: GC_D2.i
Client ID: OPP L2 GSV0640
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\009F0901.D
Lab Smp Id: OPP L1 GSV0641 Client Smp ID: OPP L1 GSV0641
Inj Date : 26-JUN-2009 21:13
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L1 GSV0641
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Meth Date : 30-Jun-2009 12:58 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 20:45 Cal File: 008F0801.D
Als bottle: 9 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

		Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1	o,o,o-TEPT	4.731	4.731	(0.251)	21538	0.20000	0.2262
	2	Dichlorvos	6.546	6.546	(0.348)	14456	0.20000	0.1945
$	3	Chlormefos	7.382	7.384	(0.392)	16155	0.20000	0.2159
	4	Mevinphos	9.236	9.234	(0.491)	10624	0.20000	0.2122
	5	Demeton-O	9.737	9.734	(0.518)	2866	0.06500	0.06007
	6	Thionazin	9.986	9.984	(0.531)	15885	0.20000	0.2121
	7	Ethoprop	10.502	10.499	(0.558)	12514	0.20000	0.2237
	8	Phorate	10.537	10.539	(0.560)	13936	0.20000	0.2148
	9	Naled	10.939	10.939	(0.581)	94	0.20000	0.2739
	10	Sulfotepp	11.016	11.017	(0.585)	20595	0.20000	0.2105 (A)
*	11	Tributylphosphate	11.117	11.116	(1.000)	104756	2.00000	
	12	Simazine	11.399	11.399	(0.606)	2680	0.20000	0.1912 (A)
	13	Diazinon	11.541	11.541	(0.613)	12067	0.20000	0.2561
	14	Atrazine	11.581	11.584	(0.615)	5427	0.20000	0.4092 (A)
	15	Propazine	11.746	11.747	(0.624)	4880	0.20000	0.2531
	16	Disulfoton	12.052	12.049	(0.641)	10273	0.20000	0.1991
	17	Demeton-S	12.121	12.124	(0.644)	667	0.13600	0.1293
	18	Dimethoate	13.282	13.282	(0.706)	14242	0.20000	0.2059
	19	Ronnel	13.587	13.587	(0.722)	10994	0.20000	0.2362
	20	Merphos-A (Merphos)	13.689	13.689	(1.231)	7722	0.20000	0.2034 (A)
	21	Chlorpyrifos	14.409	14.409	(0.766)	9439	0.20000	0.1999
	22	Fenthion	14.661	14.662	(0.779)	8896	0.20000	0.2031
	23	Trichloronate	14.709	14.711	(0.782)	6944	0.20000	0.2138
	24	Anilazine	15.217	15.216	(0.809)	1634	0.20000	0.4033 (M)
	25	Methyl Parathion	15.519	15.519	(0.825)	8934	0.20000	0.1890
	26	Malathion	15.724	15.724	(0.836)	9125	0.20000	0.2060
	27	Tokuthion	16.344	16.344	(0.869)	11061	0.20000	0.2133
	28	Parathion	16.494	16.494	(0.877)	9355	0.20000	0.2008 (M)
	29	Merphos-B (Merphos Oxone)	16.512	16.517	(1.485)	3793	0.20000	0.2310 (AM)
	30	Tetrachlorvinphos (stirophos)	16.976	16.977	(0.902)	6332	0.20000	0.2101
	31	Carbophenothion methyl	17.081	17.082	(0.908)	8575	0.20000	0.1985
	32	Bolstar	17.441	17.440	(0.927)	9809	0.20000	0.2156
	33	Carbophenothion	17.522	17.524	(0.931)	8717	0.20000	0.1948 (A)

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	34 Triphenyl phosphate	18.281	18.281	(0.972)	8167	0.20000	0.2224
	35 Fensulfothion	18.559	18.559	(0.986)	6502	0.20000	0.1929
*	36 TOCP	18.816	18.816	(1.000)	73597	2.00000	
	37 Phosmet / EPN	18.909	18.909	(1.005)	19707	0.40000	0.4475
	38 Famphur	19.012	19.011	(1.010)	10711	0.20000	0.2219
	39 Azinphos-methyl	19.149	19.147	(1.018)	9243	0.20000	0.2093
	40 Azinphos-ethyl	19.367	19.366	(1.029)	8391	0.20000	0.1995
	41 Coumaphos	20.349	20.347	(1.081)	5809	0.20000	0.1796
S	42 Merphos				11515	0.20000	0.1877
M	43 Total Demeton				3533	0.20000	0.1894

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

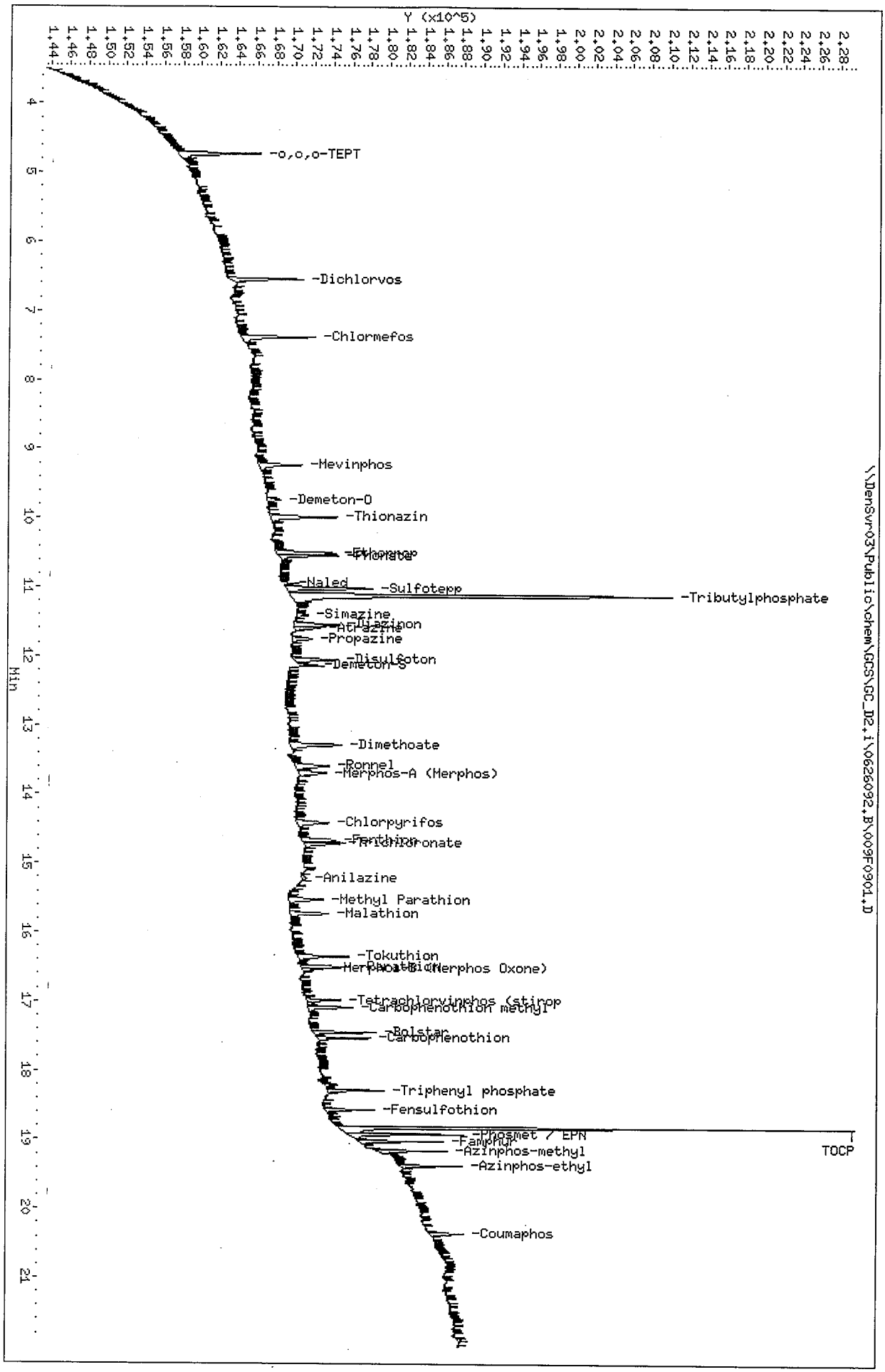
Instrument ID: GC_D2.i
Lab File ID: 009F0901.D
Lab Smp Id: OPP L1 GSV0641
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Misc Info:

Calibration Date: 26-JUN-2009
Calibration Time: 19:50
Client Smp ID: OPP L1 GSV0641
Level:
Sample Type:

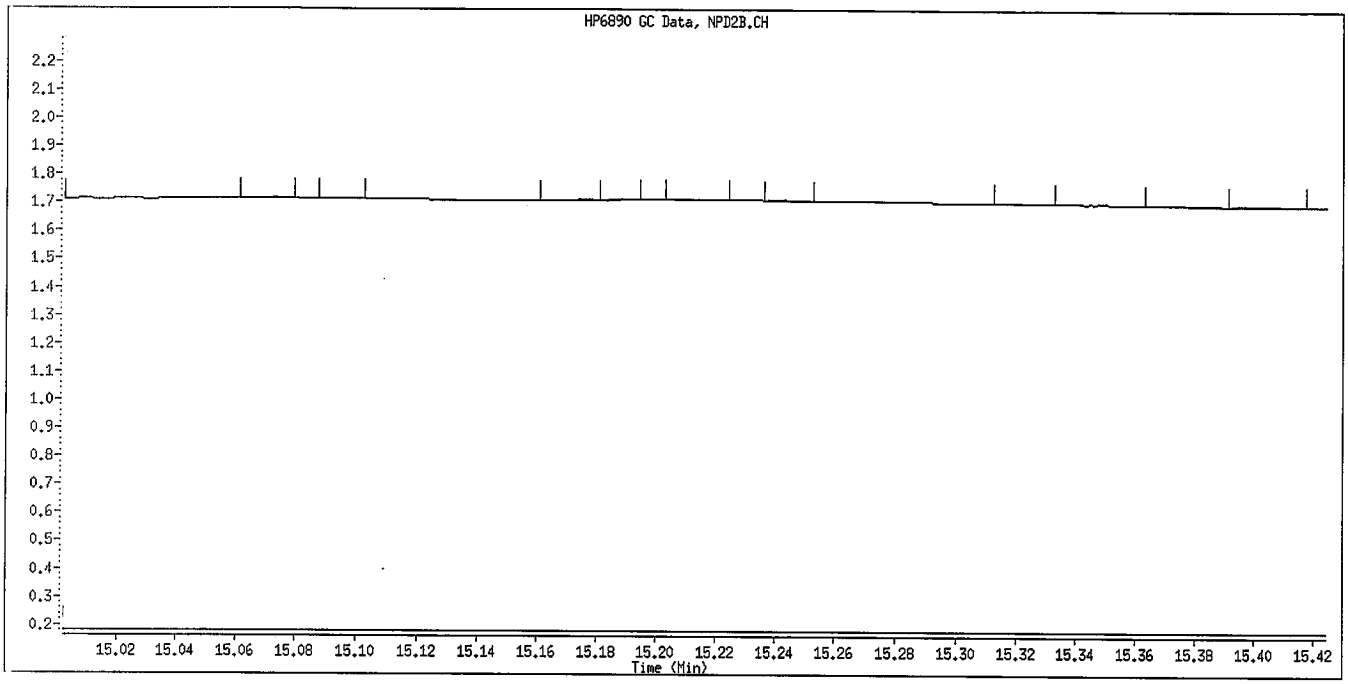
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	126959	63480	253918	104756	-17.49
36 TOCP	68161	34081	136322	73597	7.98

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.12	0.02
36 TOCP	18.82	18.32	19.32	18.82	0.00

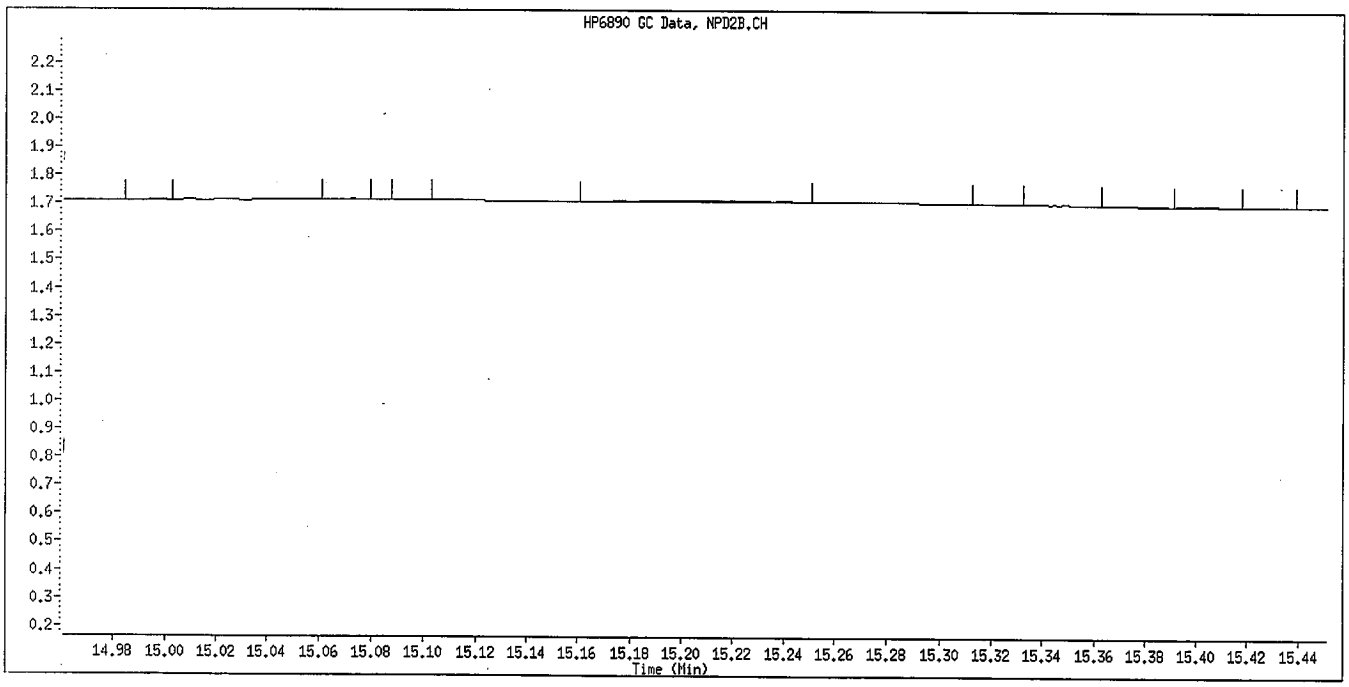
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\DenSvr03\Public\chem\GCS\GC_D2,i\0626092,B\009F0901.D
Date : 26-JUN-2009 21:13
Client ID: OPP L1 GSV0641
Sample Info: OPP L1 GSV0641
Column phase: RTx-OPPest
Instrument: GC_D2,i
Operator: MPK/TLW
Column diameter: 0.32
\\DenSvr03\Public\chem\GCS\GC_D2,i\0626092,B\009F0901.D
Y (x10^5)
Min
-o,o,o-TEPT
-Dichlorvos
-Chlormefos
-Mevinphos
-Demeton-O
-Thionazin
-Ethoprop
-Phorate
-Naled
-Sulfotepp
-Tributylphosphate
-Simazine
-Atrazine
-Propazine
-Disulfoton
-Demeton-S
-Dimethoate
-Ronnel
-Merphos-A (Merphos)
-Chlorpyrifos
-Fenthion
-Trichloronate
-Anilazine
-Methyl Parathion
-Malathion
-Tokuthion
-Merphos-B (Merphos Oxone)
-Tetrachlorvinphos (stirop
-Carbophenothion methyl
-Bolstar
-Carbophenothion
-Triphenyl phosphate
-Fensulfothion
-Phosmet / EPN
-Famphur
-Azinphos-methyl
-Azinphos-ethyl
TOCP
-Coumaphos

Data File Name: 009F0901.D
Inj. Date and Time: 26-JUN-2009 21:13
Instrument ID: GC_D2.i
Client ID: OPP L1 GSV0641
Compound Name: Anilazine
CAS #:
Report Date: 06/30/2009



Original Integration

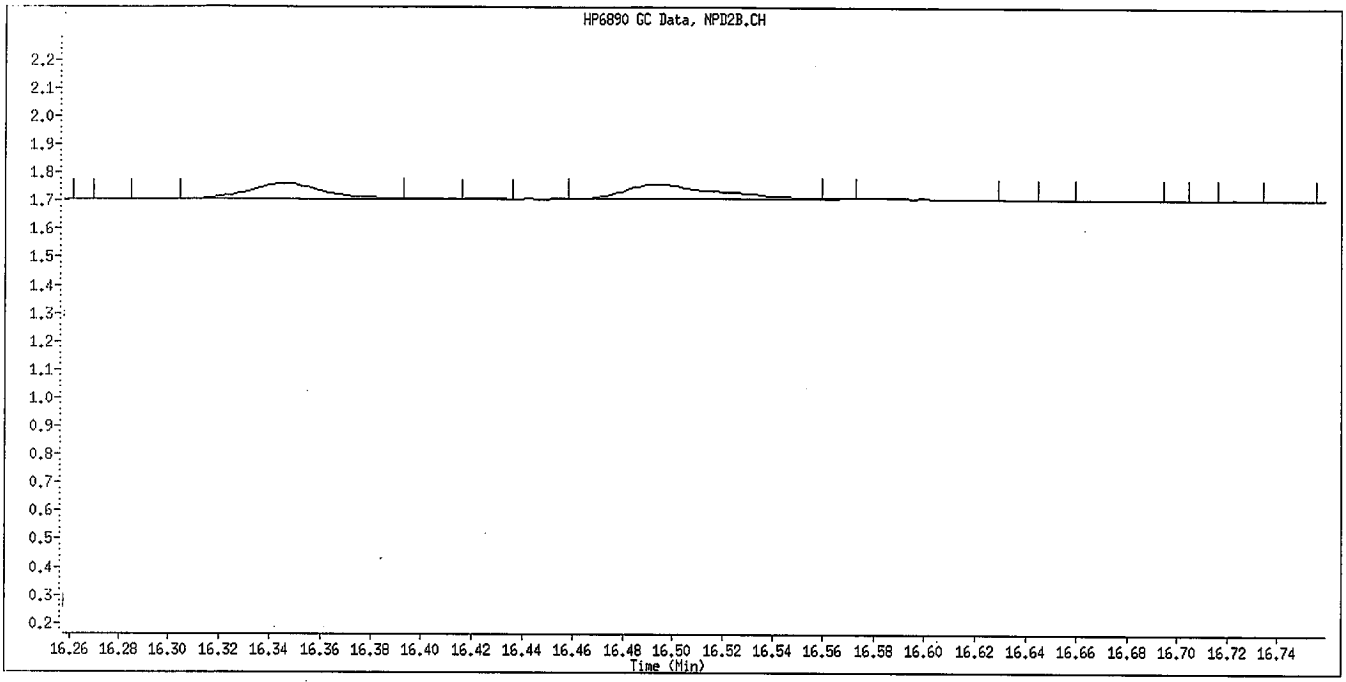


Manual Integration

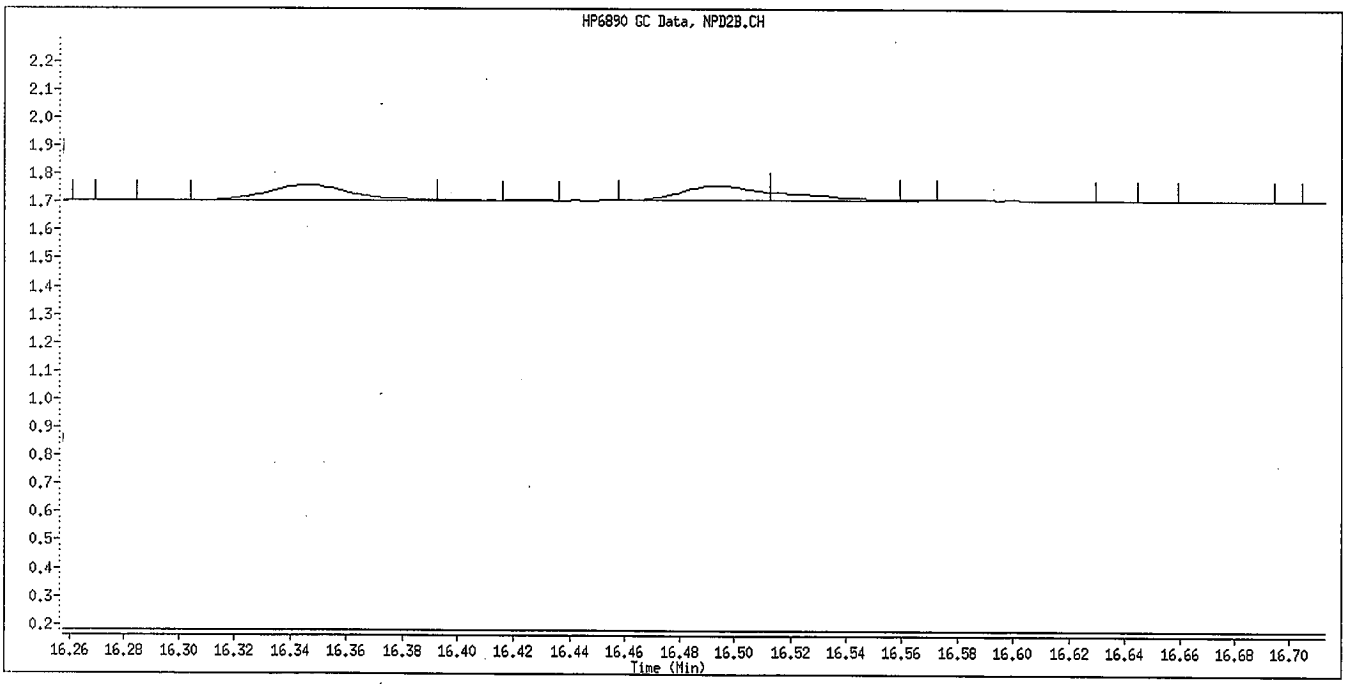
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

7/30/09

Data File Name: 009F0901.D
Inj. Date and Time: 26-JUN-2009 21:13
Instrument ID: GC_D2.i
Client ID: OPP L1 GSV0641
Compound Name: Parathion
CAS #:
Report Date: 06/30/2009



Original Integration

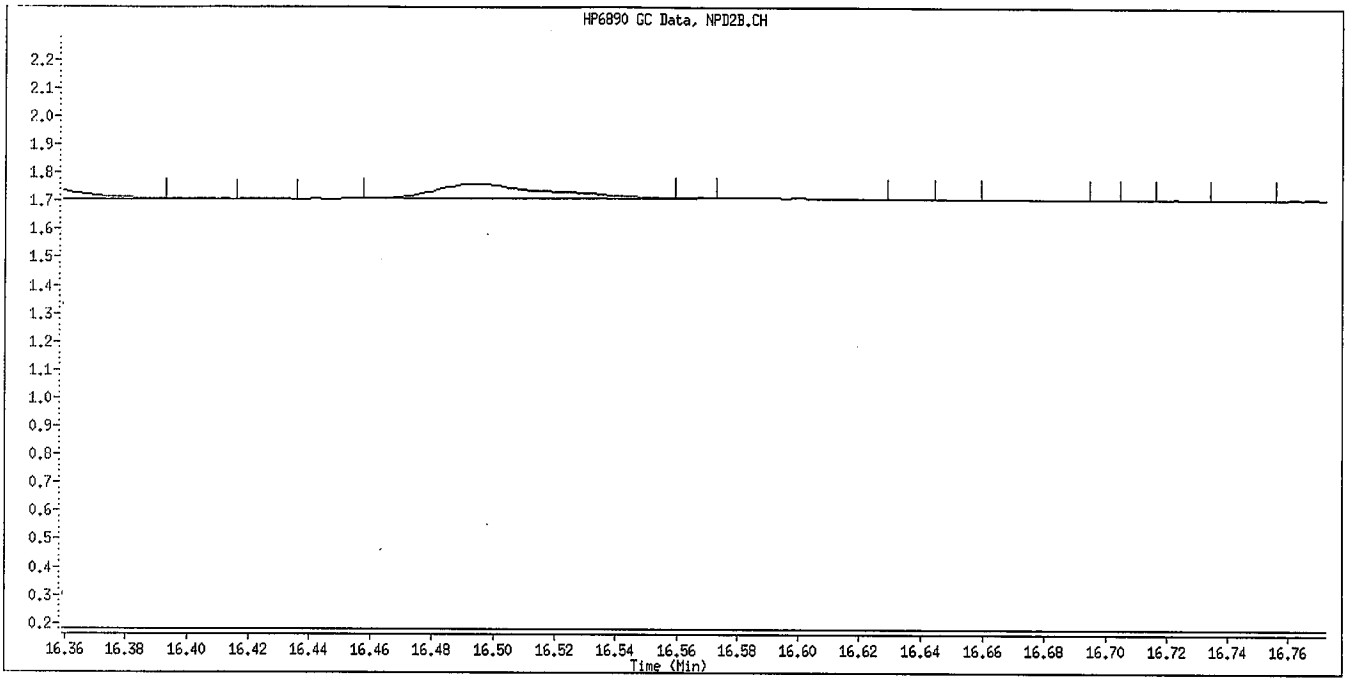


Manual Integration

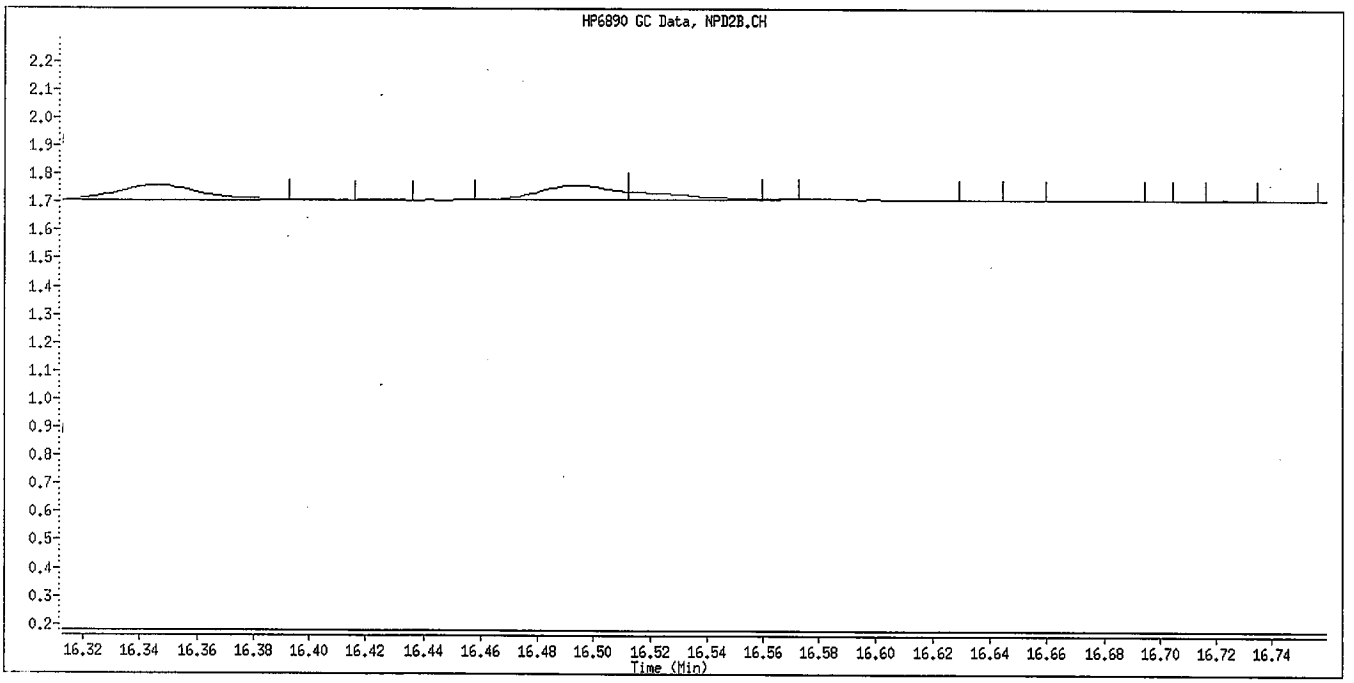
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 009F0901.D
Inj. Date and Time: 26-JUN-2009 21:13
Instrument ID: GC_D2.i
Client ID: OPP L1 GSV0641
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

JL 6/30/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\010F1001.D
Lab Smp Id: OPP SS GSV0633 Client Smp ID: OPP SS GSV0633
Inj Date : 26-JUN-2009 21:40
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP SS GSV0633
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Meth Date : 30-Jun-2009 13:09 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 10 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
1	o,o,o-TEPT	4.728	4.731	(0.251)	178670	2.00000	2.007
2	Dichlorvos	6.545	6.546	(0.348)	123097	2.00000	1.771
$ 3	Chlormefos	7.383	7.384	(0.392)	118669	2.00000	1.696
4	Mevinphos	9.232	9.234	(0.491)	85996	2.00000	1.836
5	Demeton-O	9.733	9.734	(0.517)	91352	0.65000	2.047
6	Thionazin	9.983	9.984	(0.531)	131360	2.00000	1.876
7	Ethoprop	10.498	10.499	(0.558)	99220	2.00000	1.896
8	Phorate	10.537	10.539	(0.560)	118380	2.00000	1.951
9	Naled	10.938	10.939	(0.581)	13173	2.00000	1.049
10	Sulfotepp	11.017	11.017	(0.586)	156890	2.00000	1.714(A)
* 11	Tributylphosphate	11.115	11.116	(1.000)	123933	2.00000	
12	Simazine	11.398	11.399	(0.606)	47205	2.00000	3.601(A)
13	Diazinon	11.540	11.541	(0.613)	101968	2.00000	2.080
14	Atrazine	11.580	11.584	(0.615)	49851	2.00000	1.969(A)
15	Propazine	11.745	11.747	(0.624)	42529	2.00000	1.874
16	Disulfoton	12.048	12.049	(0.640)	81906	2.00000	1.697(M)
17	Demeton-S	12.120	12.124	(0.644)	4990	1.36000	0.2011(M)
18	Dimethoate	13.280	13.282	(0.706)	120970	2.00000	1.870
19	Ronnel	13.587	13.587	(0.722)	87569	2.00000	2.011
20	Merphos-A (Merphos)	13.687	13.689	(1.231)	24019	2.00000	0.5348(A)
21	Chlorpyrifos	14.410	14.409	(0.766)	93110	2.00000	2.108
22	Fenthion	14.660	14.662	(0.779)	84515	2.00000	2.063
23	Trichloronate	14.708	14.711	(0.782)	105095	2.00000	1.862
24	Anilazine	15.215	15.216	(0.809)	4699	2.00000	1.242(M)
25	Methyl Parathion	15.517	15.519	(0.825)	89448	2.00000	2.023(A)
26	Malathion	15.723	15.724	(0.836)	63638	2.00000	1.536
27	Tokuthion	16.345	16.344	(0.869)	91793	2.00000	1.892
28	Parathion	16.493	16.494	(0.877)	92973	2.00000	2.134
29	Merphos-B (Merphos Oxone)	16.518	16.517	(1.486)	68602	2.00000	5.008(A)
30	Tetrachlorvinphos (stirophos)	16.975	16.977	(0.902)	58667	2.00000	2.081
31	Carbophenothion methyl	17.080	17.082	(0.908)	50362	2.00000	1.246
32	Bolstar	17.440	17.440	(0.927)	88423	2.00000	2.078
33	Carbophenothion	17.522	17.524	(0.931)	73217	2.00000	1.750(A)

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	34 Triphenyl phosphate	18.278	18.281	(0.971)	59320	2.00000	1.727
	35 Fensulfothion	18.558	18.559	(0.986)	65657	2.00000	2.082
*	36 TOCP	18.815	18.816	(1.000)	68831	2.00000	
	37 Phosmet / EPN	18.908	18.909	(1.005)	122970	4.00000	3.469
	38 Famphur	19.010	19.011	(1.010)	79361	2.00000	1.758
	39 Azinphos-methyl	19.145	19.147	(1.018)	74782	2.00000	1.811
	40 Azinphos-ethyl	19.363	19.366	(1.029)	70726	2.00000	1.798
	41 Coumaphos	20.347	20.347	(1.081)	59237	2.00000	1.959
S	42 Merphos				92621	2.00000	1.615
M	43 Total Demeton				96342	2.00000	2.248

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

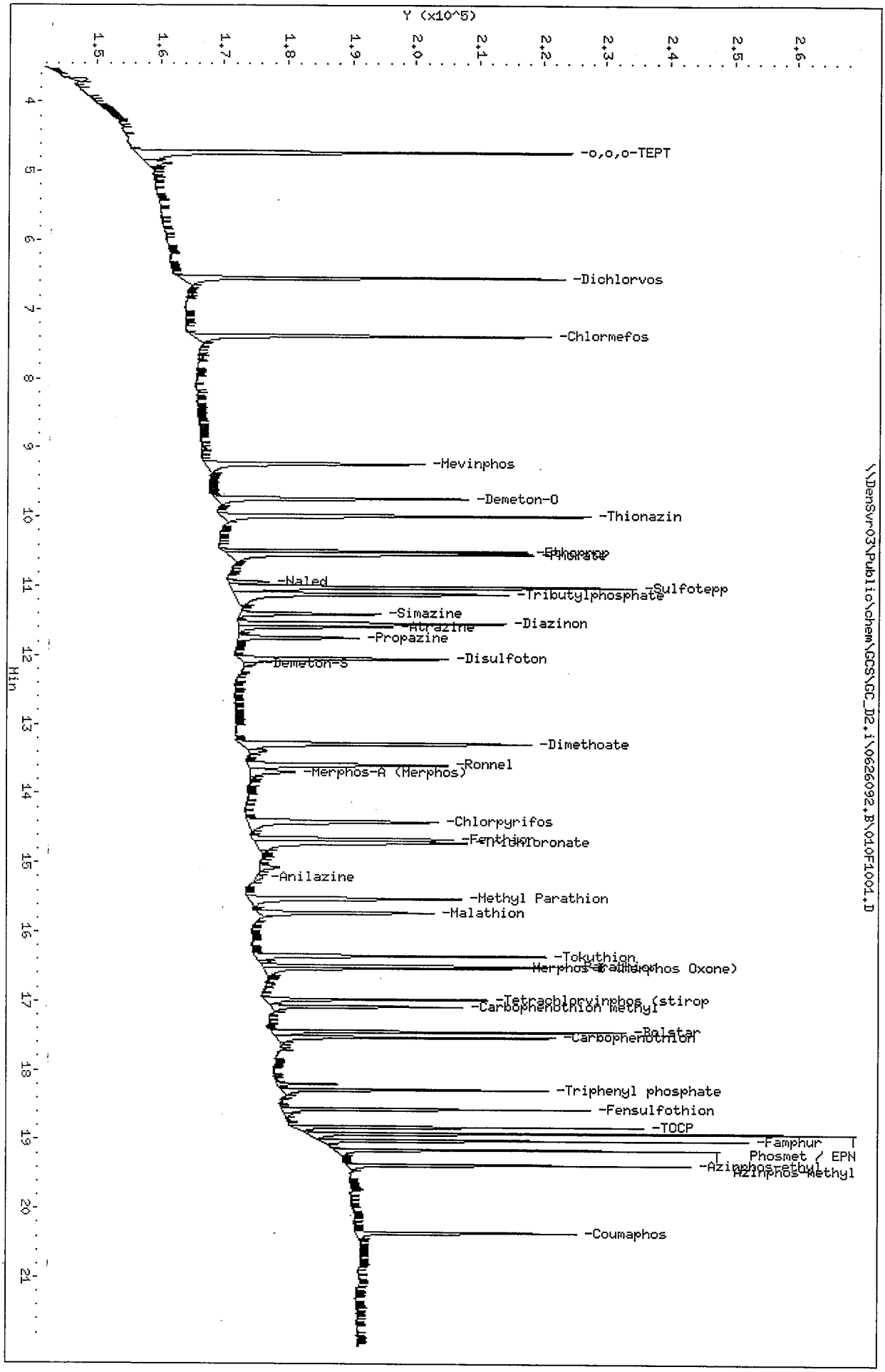
Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Lab Smp Id: OPP SS GSV0633
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Misc Info:

Calibration Date: 27-JUN-2009
Calibration Time: 04:04
Client Smp ID: OPP SS GSV0633
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	143401	71701	286802	123933	-13.58
36 TOCP	69335	34668	138670	68831	-0.73

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.12	-0.05
36 TOCP	18.82	18.32	19.32	18.82	-0.01

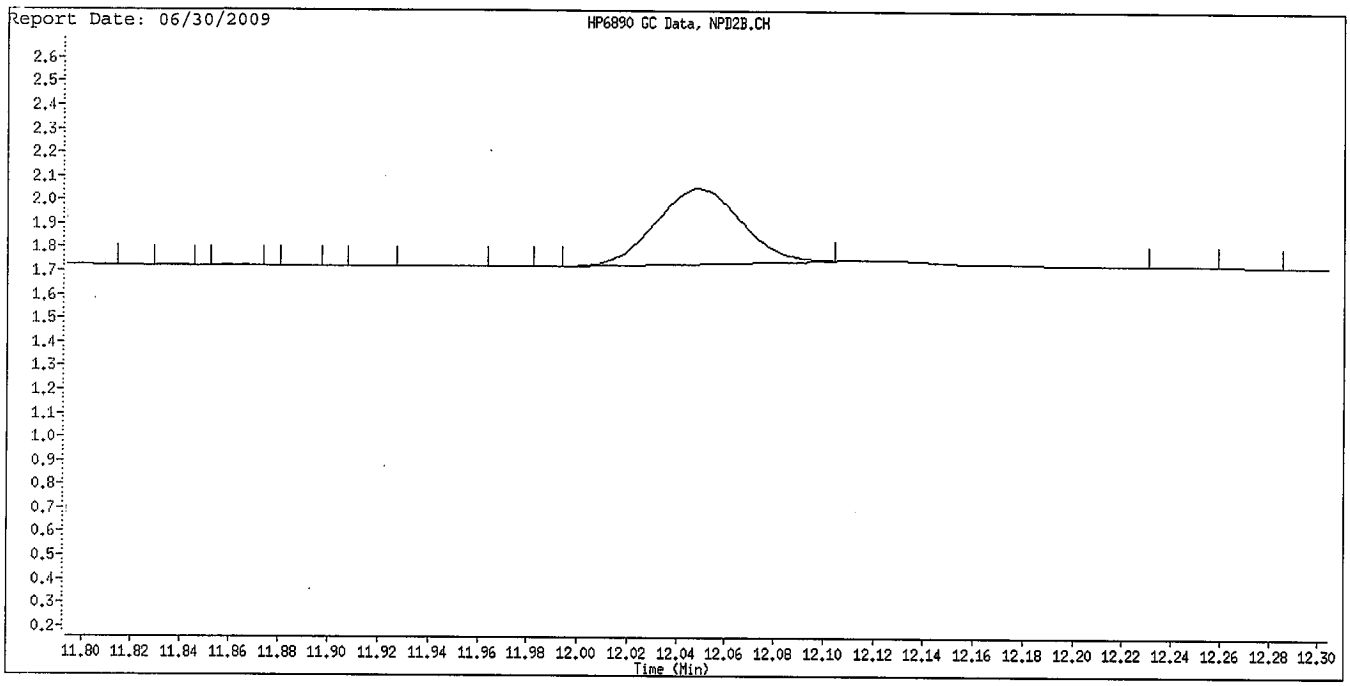
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



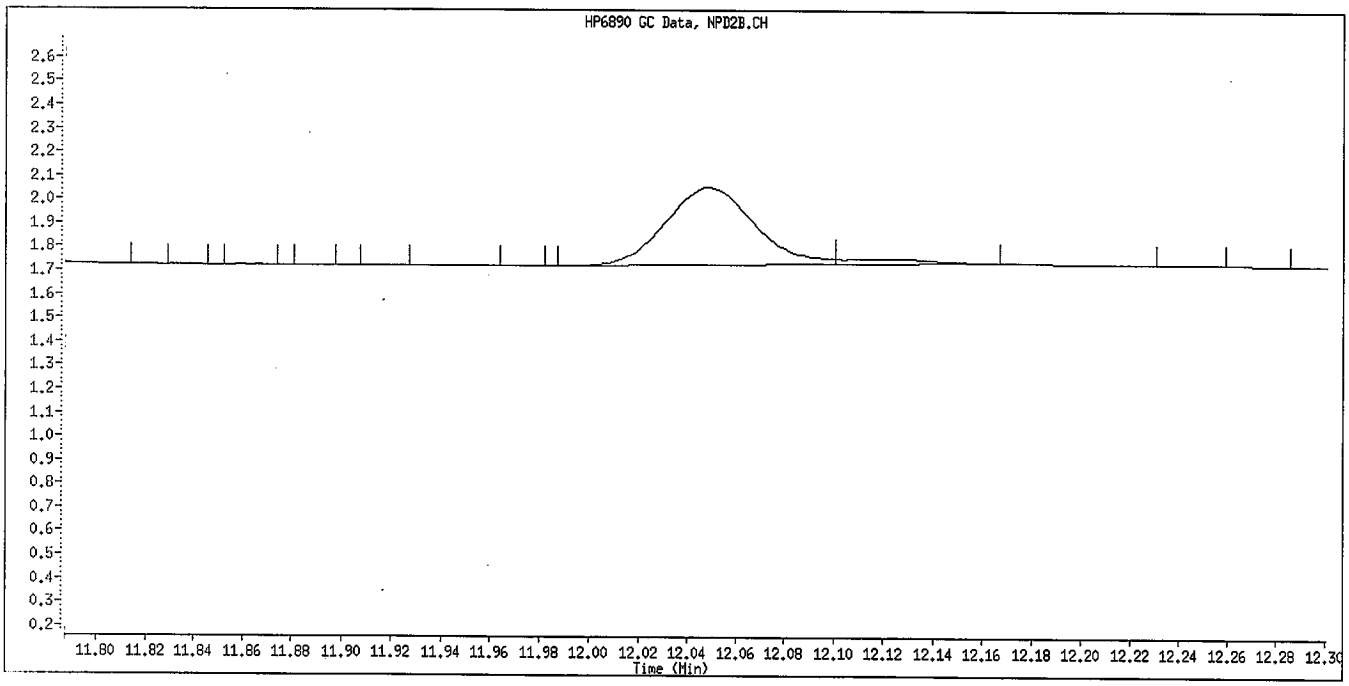
Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\010F1001.D
Date : 26-JUN-2009 21:40
Client ID: OPP SS GSV0633
Sample Info: OPP SS GSV0633
Column phase: RTx-OPPest

Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

Data File Name: 010F1001.D
Inj. Date and Time: 26-JUN-2009 21:40
Instrument ID: GC_D2.i
Client ID: OPP SS GSV0633
Compound Name: Disulfoton
CAS #: 298-04-4
Report Date: 06/30/2009



Original Integration

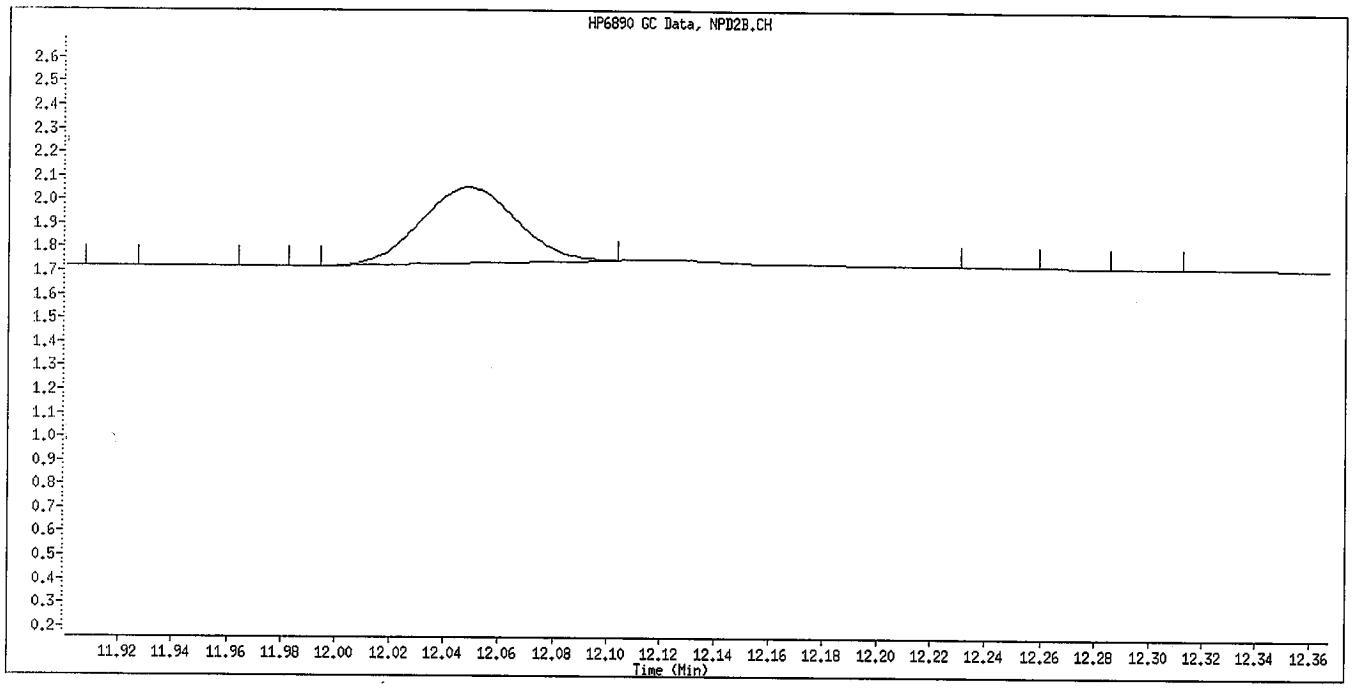


Manual Integration

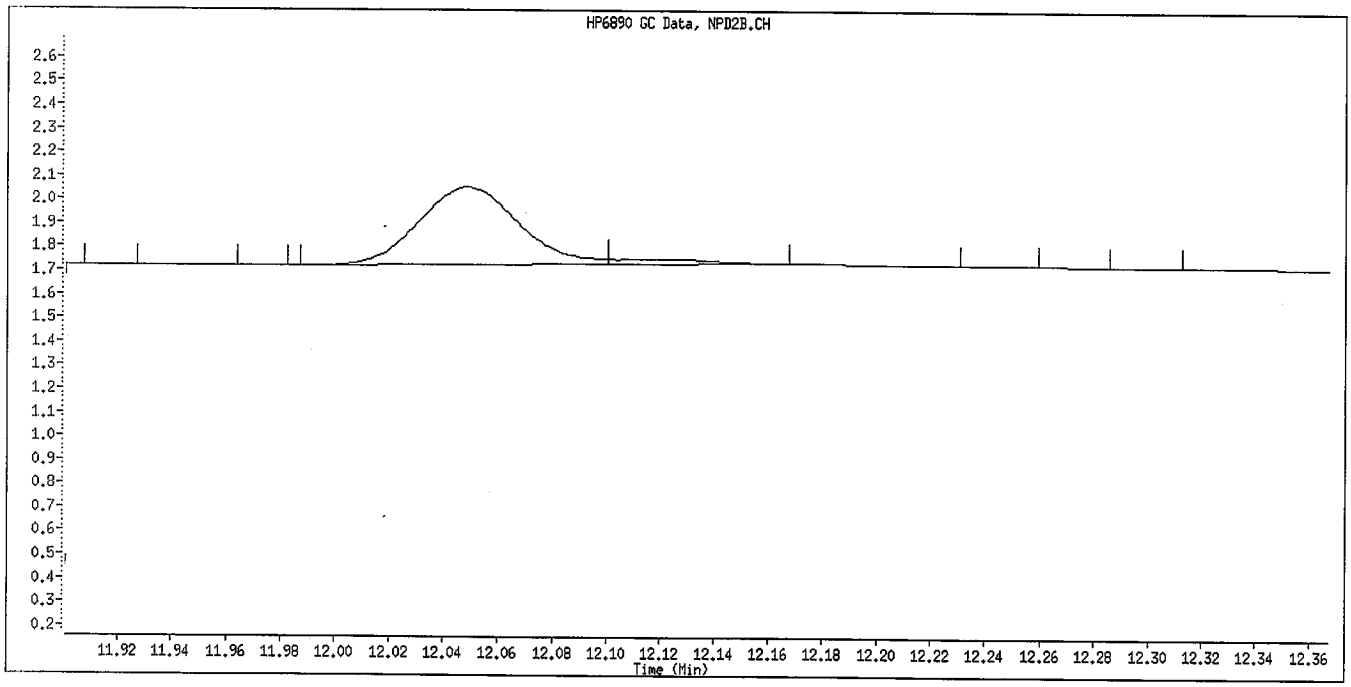
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/07

Data File Name: 010F1001.D
Inj. Date and Time: 26-JUN-2009 21:40
Instrument ID: GC_D2.i
Client ID: OPP SS GSV0633
Compound Name: Demeton-S
CAS #: 126-75-0
Report Date: 06/30/2009



Original Integration

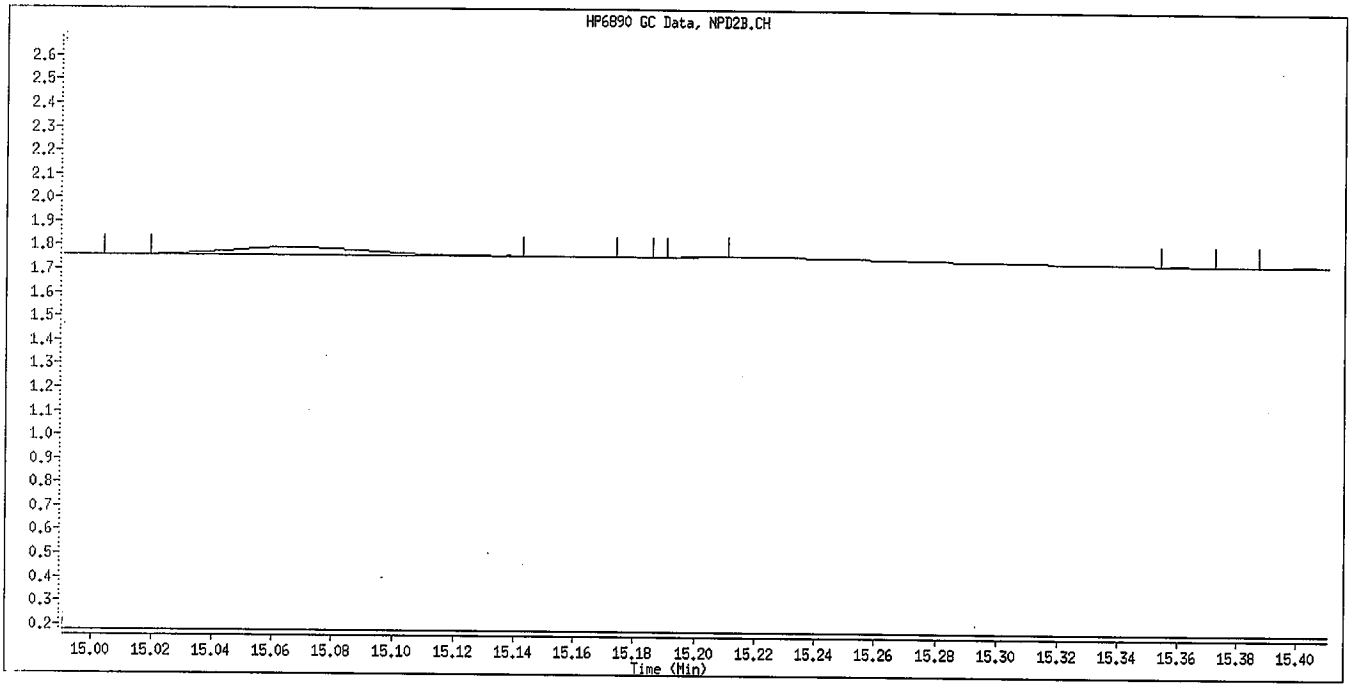


Manual Integration

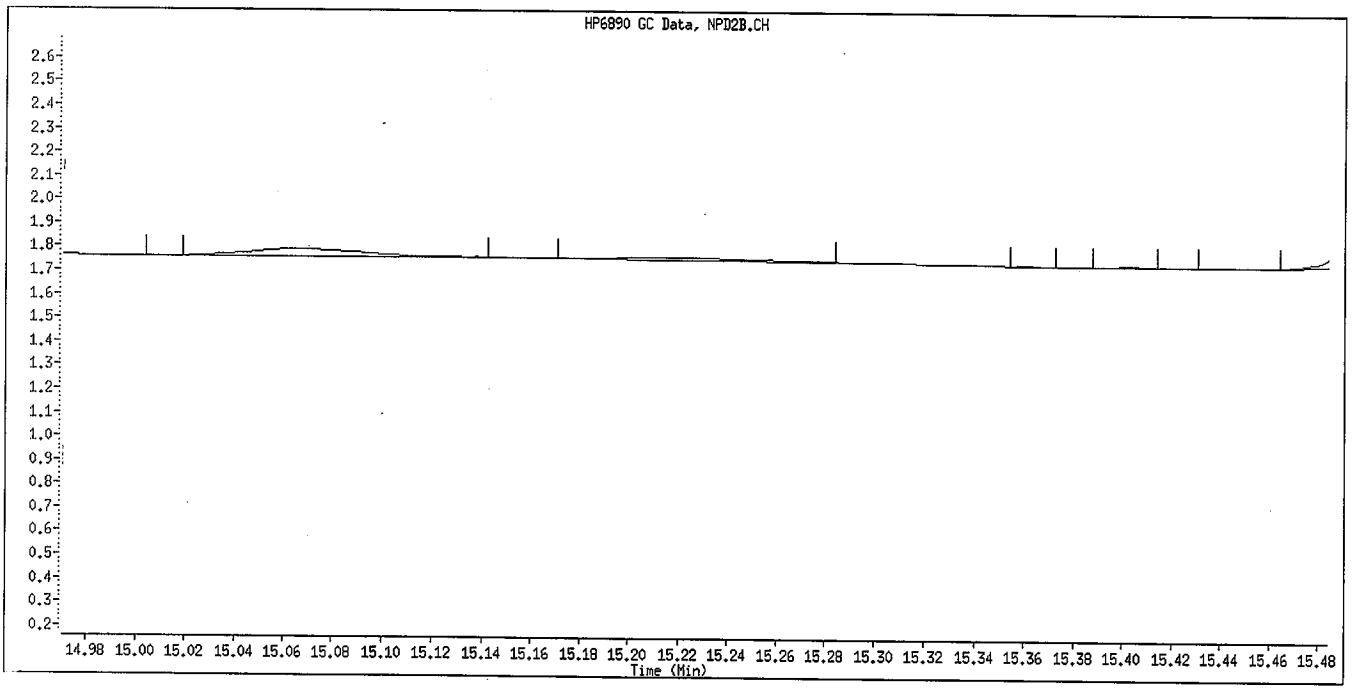
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 010F1001.D
Inj. Date and Time: 26-JUN-2009 21:40
Instrument ID: GC_D2.i
Client ID: OPP SS GSV0633
Compound Name: Anilazine
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

General Chemistry

Supporting Documentation

Sample Sequence, Instrument Printouts, Calculations

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Method: % MOISTURE 07/06/09

Batch #(s): 9187130-31-37

I certify that, to the best of my knowledge, the attached package represents a complete and accurate copy of the original data.

Signature/Date: 07/07/09

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Wet Chemistry Data Review Checklist For Gravimetric Methods

Test Name/Method #: % MOISTURE Analysis Date: 07/06/09

SOP #: DUWC0228[illegible] Analyst: [illegible] Instrument: BALANCE

Lot / Sample Numbers	Matrix	Batch	Method	QC	Special Inst
020318	SOIL	9187130	NJ	01	
1	1	9187131		1	
020222, 020235	1	9187132	JS	1	

	Yes	No	N/A	2nd Level
A. Balance, Oven, and DI Water QC Checks				
1. Was the balance calibration verified before and after processing samples and noted in the "Balance Calibration Log" for the date(s) the samples were processed?	✓			
2. Was the oven temperature within method requirements and recorded in the "Oven Temperature" logbook for the date(s) the samples were processed?	✓			
3. Was the daily conductivity check of the deionized water recorded in the "Conductivity Logbook"?			✓	
B. Method Requirements				
1. If sample is visibly oily, was this noted on the benchsheet?			✓	
2. Was final residue weight within minimum/maximum requirements?	✓			✓
3. Were the initial and final drying dates and times recorded on the benchsheet and were all samples dried for at least one hour?	✓			✓
C. Sample Results				
1. TDS/Conductivity ratio or historical data checked?			✓	
2. Were sample analyses done within holding time?	✓			✓
3. Were special client requirements met?	✓			✓
4. Were data that were manually transcribed from instrument printouts into QuanTIMS verified 100% including significant figures and units?	✓			✓
5. Do the prep and analysis dates in QuanTIMS reflect the actual dates? Lots/Dates report checked?	✓			✓
6. STD/True Value sheet is updated and included?			✓	
7. Are all data being reported highlighted on the benchsheet?	✓			✓
8. Are raw data copies prepared and scanned?	✓			
D. Preparation/Matrix QC				
1. Method blank < RL or all reported samples > 10 X RL?			✓	
2. Method blank < ½ RL or NCM provided?			✓	
3. LCS/LCSD run for batch and within QC limits?			✓	
4. DUP run for batch and RPD < 20% for samples ≥5 X RL?	✓			✓

Analyst: [illegible] Date: 07/07/09

Comments: [illegible]

2nd Level Reviewer: Paul Berry Date: 7/7/09

Comments:

TEST AMERICA
THE LEADER IN ENVIRONMENTAL TESTING

GRAVIMETRIC CALCULATION BENCHSHEET

ANALYST: RMG
REVIEWED BY: RMG
BATCH NO.: 9187130-31-32
Prep Code: 88
Method Code: IJ, NJ

ANALYSIS DATE: 07/06/09
REVIEW DATE: 07/07/09

METHOD NO.: MOIS
BALANCE NO.: BAL
FILE: 70609

Date/Time In: 7/6/2009 13:00
Date/Time Out: 7/7/2009 7:00
Temp In, C: 101
Temp Out, C: 99

Date/Time In:
Date/Time Out:
Temp In, C:
Temp Out, C:

	Lab ID	Lot-Sample	Time	True Conc. %	Dish #	Tare Wt. gram	Initial GW g	Init Dried Wt. g	Final Dried W g	Percent Moisture %	%Rec.	Check	Upload by RMG Upload?	%D
1	LF2M6	D9G020318 -3	13:00		1	1.3300	17.24	CAT	16.9000	2.14			Y	
2	LF2M6-X	D9G020318 -3	13:00	0	2	1.3300	17.27	CAT	16.9200	2.2			Y	2.7%
3	LF2NH	D9G020318 -4	13:00		3	1.3200	17.35	CAT	17.0800	1.68			Y	
4	LF2NK	D9G020318 -5	13:00		4	1.3200	17.3	CAT	16.9800	2			Y	
5	LF2N4	D9G020318 -6	13:00		5	1.3000	17.73	CAT	17.4700	1.58			Y	
6	LF2PA	D9G020318 -7	13:00		6	1.3300	17.14	CAT	15.7400	8.86			Y	
7	LF2PQ	D9G020318 -8	13:00		7	1.3400	17.12	CAT	16.6200	3.17			Y	
8	LF2P1	D9G020318 -9	13:00		8	1.3400	17.38	CAT	16.6600	4.49			Y	
9	LF2P6	D9G020318 -10	13:00		9	1.3200	17.67	CAT	17.0600	3.73			Y	
10	LF2QJ	D9G020318 -11	13:00		10	1.3400	17.1	CAT	15.7100	8.82			Y	
11	LF2QL	D9G020318 -12	13:00		11	1.3400	17.9	CAT	17.7300	1.03			Y	
12	LF2QN	D9G020318 -13	13:00		12	1.3400	17.15	CAT	16.9100	1.52			Y	
13	LF2QP	D9G020318 -14	13:00		13	1.3200	17.92	CAT	17.7600	0.96			Y	
14	LF2QQ	D9G020318 -15	13:00		14	1.3400	17.11	CAT	16.8100	1.9			Y	
15	LF2QR	D9G020318 -16	13:00		15	1.3300	17.3	CAT	17.1800	0.75			Y	
16	LF2QT	D9G020318 -17	13:00		16	1.3200	17.4	CAT	17.0900	1.93			Y	
17	LF2QV	D9G020318 -18	13:00		17	1.3200	17.26	CAT	17.1500	0.69			Y	
18	LF2QW	D9G020318 -19	13:00		18	1.3300	17.71	CAT	17.5100	1.22			Y	
19	LF2Q0	D9G020318 -20	13:00		19	1.3300	17.43	CAT	17.2700	0.99			Y	
20	LF2Q2	D9G020318 -21	13:00		20	1.3200	17.45	CAT	17.3500	0.62			Y	
21	LF2Q3	D9G020318 -22	13:00		21	1.3200	17.57	CAT	17.3700	1.23			Y	
22	LF2Q4	D9G020318 -23	13:00		22	1.2900	17.96	CAT	14.0600	23.4			Y	
23	LF2Q4-X	D9G020318 -23	13:00	0	23	1.3300	17.98	CAT	14.0300	23.7			Y	1.4%
24	LF2Q6	D9G020318 -24	13:00		24	1.3300	17.73	CAT	15.0000	16.6			Y	
25	LF2RF	D9G020318 -29	13:00		25	1.3300	17.42	CAT	15.8000	10.1			Y	
26	LF2Q7	D9G020318 -25	13:00		26	1.3200	17.87	CAT	14.9400	17.7			Y	
27	LF2RA	D9G020318 -27	13:00		27	1.3100	17.51	CAT	17.2800	1.42			Y	
28	LF2RD	D9G020318 -28	13:00		28	1.3200	17.67	CAT	17.2700	2.45			Y	
29	LF2Q9	D9G020318 -26	13:00		29	1.3200	17.7	CAT	17.3400	2.2			Y	
30	LF2RH	D9G020318 -30	13:00		30	1.3200	17.39	CAT	16.8800	3.17			Y	
31	LF2RJ	D9G020318 -31	13:00		31	1.3300	17.79	CAT	17.2500	3.28			Y	
32	LF2RK	D9G020318 -32	13:00		32	1.3000	17.46	CAT	17.1300	2.04			Y	
33	LF2RN	D9G020318 -34	13:00		33	1.3200	17.16	CAT	16.6200	3.41			Y	
34	LF2RM	D9G020318 -33	13:00		34	1.3300	17.68	CAT	17.4200	1.59			Y	
35	LF2RR	D9G020318 -35	13:00		35	1.3100	17.3	CAT	17.1900	0.69			Y	
36	LF2RV	D9G020318 -36	13:00		36	1.2900	17.29	CAT	16.2100	6.75			Y	
37	LF2RW	D9G020318 -37	13:00		37	1.3000	17.33	CAT	16.6300	4.37			Y	
38	LF1T8	D9G020222 -1	13:00		38	1.2900	17.43		15.1600	14.1			Y	
39	LF1T8-X	D9G020222 -1	13:00	0	39	1.3100	17.42		15.1500	14.1			Y	0.2%
40	LF1XG	D9G020235 -1	13:00		40	1.2900	17.4		16.9300	2.92			Y	
41	LF1XT	D9G020235 -2	13:00		41	1.2900	17.76		16.8900	5.28			Y	
42	LF1XX	D9G020235 -3	13:00		42	1.2900	17.74		10.8800	41.7			Y	
43													Y	
44													Y	
45													Y	
46													Y	

07/07/09

Semivolatile GC

Supporting Documentation

Sample Sequence, Chromatograms

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Lot ID: D9G020235

Client: Northgate

Method: 8141

Associated Samples: 1-3

Batch #(s): 9188427

I certify that, to the best of my knowledge, the attached package represents a complete and accurate copy of the original data.

Signature/Date: 7/14/09

GC SEMIVOLATILE ORGANIC EXTRACTION LOG SHEETS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

RQC058

TestAmerica Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 7/09/09
Time: 17:48:10

LEV 1	LEV 2		LEV 1	LEV 2	
Y	Y	Blank	Y	Y	Weights/Volumes
Y	Y	Check	Y	Y	Spike & Surrogate Worksheet
Y	Y	MS/MSD	Y	Y	Vial contains correct volume
			Y	Y	Labels, greenbars, worksheets
					computer batch: correct & all match
			_	_	Anomalies to Extraction Method

_ Expanded Deliverable
_ COC Completed
_ Bench Sheet Copied
_ Package Submitted to AnalyticalGroup
_ Bench Sheet Copied per COC

Extractionist: 009580 David Bourgery

Concentrationist: 002074 Cheyana Cokley

Reviewer/Date: COKLEYC / 7/09/09

QC BATCH: 9188427

PREP DATE: 7/07/09 20:00
COMP DATE: 7/09/09 17:50

Compounds, Organophosphorus (8141A)
SOXHLET (NONE,Na2SO4)

EXTR EXPR	ANL DUE	LOT#,MSRUN#/ WORK ORDER	TEST FLGS	EXT	MTH	MATRIX	INIT/FIN WT/VOL	INIT	PH"S ADJ1	ADJ2	SOLVENTS EXTRACTION	VOL	EXCHANGE	VOL	SPIKE STANDARD/ SURROGATE ID
7/14/09	7/14/09	D9G020222-001 **LF1T8-1-AA**	DR	11	P2	SOLID	**29.33g** 2.00mL	NA	NA	NA	1:1	300.0	HEXANE	50.0	1ML GSV0673 6.4.09
COMMENTS:															
7/14/09	7/14/09	D9G020222-001 **LF1T8-1-ADS**	DR	11	P2	SOLID	**29.62g** 2.00mL	NA	NA	NA	1:1	300.0	HEXANE	50.0	1ML GSV0753 6.24.09 1ML GSV0673 6.4.09
COMMENTS:															
7/14/09	7/14/09	D9G020222-001 **LF1T8-1-AED**	DR	11	P2	SOLID	**29.43g** 2.00mL	NA	NA	NA	1:1	300.0	HEXANE	50.0	1ML GSV0753 6.24.09 1ML GSV0673 6.4.09
COMMENTS:															
7/15/09	7/14/09	D9G020235-001 **LF1XG-1-AA**	DR	11	P2	SOLID	**29.94g** 2.00mL	NA	NA	NA	1:1	300.0	HEXANE	50.0	1ML GSV0673 6.4.09
COMMENTS:															
7/15/09	7/14/09	D9G020235-001 **LF1XG-1-ACS**	DR	11	P2	SOLID	**30.11g** 2.00mL	NA	NA	NA	1:1	300.0	HEXANE	50.0	1ML GSV0753 6.24.09 1ML GSV0673 6.4.09
COMMENTS:															
7/15/09	7/14/09	D9G020235-001 **LF1XG-1-ADD**	DR	11	P2	SOLID	**29.95g** 2.00mL	NA	NA	NA	1:1	300.0	HEXANE	50.0	1ML GSV0753 6.24.09 1ML GSV0673 6.4.09
COMMENTS:															
7/15/09	7/14/09	D9G020235-002 **LF1XT-1-AA**	DR	11	P2	SOLID	**30.18g** 2.00mL	NA	NA	NA	1:1	300.0	HEXANE	50.0	1ML GSV0673 6.4.09
COMMENTS:															

RQC058

TestAmerica Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 7/09/09
Time: 17:48:10

QC BATCH: 9188427

PREP DATE: 7/07/09 20:00
COMP DATE: 7/09/09 17:50

EXTR EXPR	ANL DUE	LOT#,MSRUN#/ WORK ORDER	TEST FLGS	EXT	MTH	MATRIX	INIT/FIN WT/VOL	INIT	PH"S ADJ1	ADJ2	SOLVENTS EXTRACTION	VOL	EXCHANGE	VOL	SPIKE STANDARD/ SURROGATE ID
7/15/09	7/14/09	D9G020235-003 **LF1XX-1-AA**	DR	11	P2	SOLID	**30.79g** 2.00mL	NA	NA	NA	1:1	300.0	HEXANE	50.0	1ML GSV0673 6.4.09
COMMENTS:															
7/14/09	0/00/00	D9G070000-427 **LF5T8-1-AA**B		11	P2	SOLID	**30.97g** 2.00mL	NA	NA	NA	1:1	300.0	HEXANE	50.0	1ML GSV0673 6.4.09
COMMENTS:															
7/14/09	0/00/00	D9G070000-427 **LF5T8-1-AC**C		11	P2	SOLID	**31.43g** 2.00mL	NA	NA	NA	1:1	300.0	HEXANE	50.0	1ML GSV0753 6.24.09 1ML GSV0673 6.4.09
COMMENTS:															

DV-OP-0010/7 BAL:J61947 SAND:XV0975 NA2SO4:G45627 1:1-H23E04 S/S:DB-E W:CL
TURBOVAP A:40C HEX:H11E04 PIP:CON-6

R = RUSH C = CLP
E = EPA 600 D = EXP.DEL)
M = CLIENT REQ MS/MSD

NUMBER OF WORK ORDERS IN BATCH: 10

GC SEMIVOLATILE INSTRUMENT LOG SHEETS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

...NCE\071309.S

...quence Table (Front Injector):

Quantification Part:

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
1	Vial 1	PRIMER				
2	Vial 2	HEXANE				
3	Vial 3	OPP CCV GSV0827				
4	Vial 4	OPP SS GSV				
5	Vial 5	LF7RT1AA,MB				
6	Vial 6	LF7RT1AD,LCS				
7	Vial 7	LF7RT1AE,LCSD				
8	Vial 8	LFC4G2AA,197-1				
9	Vial 9	LFC4M2AA,198-1				
10	Vial 10	OPP CCV GSV0827				
11	Vial 11	LF5T81AA,MB				
12	Vial 12	LF5T81AC,LCS				
13	Vial 13	LF1T81AA,222-1				
14	Vial 14	LF1T81AD,222-1S				
15	Vial 15	LF1T81AE,222-1D				
16	Vial 16	LF1XG1AA,235-1				
17	Vial 17	LF1XG1AC,235-1S				
18	Vial 18	LF1XG1AD,235-1D				
19	Vial 19	LF1XT1AA,235-2				
20	Vial 20	LF1XX1AA,235-3				
21	Vial 21	OPP CCV GSV0827				
22	Vial 22	OPP L1 GSV				
23	Vial 2	HEXANE/ACETONE				

9189494

9188487

...quence Table (Back Injector):

No entries - empty table!

GC SEMIVOLATILE
CONTINUING CALIBRATION DATA

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B/010F1001.D
Report Date: 07/14/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Analysis Type: NONE

Injection Date: 13-JUL-2009 20:24
Lab Sample ID: OPP CCV GSV0827
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.1196	15.2	15.0	<-
2	Dichlorvos	2.5000	2.1005	16.0	15.0	<-
3	Mevinphos	2.5000	2.5551	2.2	15.0	
4	Chlormefos	2.5000	2.4021	3.9	15.0	
5	Thionazin	2.5000	2.3356	6.6	15.0	
6	Demeton-O	0.8125	0.7011	13.7	15.0	
7	Ethoprop	2.5000	2.3134	7.5	15.0	
8	Naled	2.5000	3.5810	43.2	15.0	<-
9	Sulfotepp	2.5000	2.4307	2.8	15.0	
10	Phorate	2.5000	2.3319	6.7	15.0	
11	Dimethoate	2.5000	2.5150	0.6	15.0	
12	Demeton-S	1.7000	1.6459	3.2	15.0	
13	Simazine	2.5000	2.1125	15.5	15.0	<-
14	Atrazine	2.5000	2.2786	8.9	15.0	
15	propazine	2.5000	2.2181	11.3	15.0	
17	Disulfoton	2.5000	2.5010	0.0	15.0	
16	Diazinon	2.5000	2.1942	12.2	15.0	
18	Methyl Parathion	2.5000	2.6974	7.9	15.0	
19	Ronnel	2.5000	2.1761	13.0	15.0	
20	Malathion	2.5000	2.3988	4.0	15.0	
21	Fenthion	2.5000	2.3975	4.1	15.0	
22	Parathion	2.5000	2.5190	0.8	15.0	
23	Chlorpyrifos	2.5000	2.2368	10.5	15.0	
24	Trichloronate	2.5000	2.3064	7.7	15.0	
25	Anilazine	2.5000	2.6602	6.4	15.0	
148	Merphos-A (Merphos)	2.5000	2.1335	14.7	999.0	
26	Tetrachlorvinphos (Stirophos)	2.5000	2.5724	2.9	15.0	
28	Tokuthion	2.5000	2.2457	10.2	15.0	
149	Merphos-B (Merphos Oxone)	2.5000	2.7119	8.5	999.0	
29	Carbophenothion-methyl	2.5000	2.4374	2.5	15.0	
29	Fensulfothion	2.5000	2.4911	0.4	15.0	
30	Bolstar / Famphur	5.0000	4.5534	8.9	15.0	
32	Carbophenothion	2.5000	2.1561	13.8	15.0	
31	Triphenyl phosphate	2.5000	2.3006	8.0	15.0	
34	Phosmet	2.5000	2.4661	1.4	15.0	
32	EPN	2.5000	2.6567	6.3	15.0	
33	Azinphos-methyl	2.5000	2.6326	5.3	15.0	
35	Azinphos-ethyl	2.5000	2.4080	3.7	15.0	
36	Coumaphos	2.5000	2.5734	2.9	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B/010F1001.D
Report Date: 07/14/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Analysis Type: NONE
Injection Date: 13-JUL-2009 20:24
Lab Sample ID: OPP CCV GSV0827
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
27 Merphos	2.5000	2.2655	9.4	15.0
40 Total Demeton	2.5000	2.3470	6.1	15.0

Average %D = 8.02

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\010F1001.D
Lab Smp Id: OPP CCV GSV0827 Client Smp ID: OPP CCV GSV0827
Inj Date : 13-JUL-2009 20:24
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP CCV GSV0827
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Meth Date : 14-Jul-2009 08:48 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 10 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1 o,o,o-TEPT	3.164	3.163	(0.178)	394610	2.50000	2.120
	2 Dichlorvos	4.000	4.002	(0.225)	242831	2.50000	2.100
	3 Mevinphos	5.662	5.670	(0.319)	162261	2.50000	2.555
$	4 Chlormefos	5.744	5.745	(0.323)	347750	2.50000	2.402
	5 Thionazin	7.405	7.407	(0.417)	308578	2.50000	2.336
	6 Demeton-O	7.540	7.542	(0.424)	89244	0.81250	0.7011
	7 Ethoprop	7.750	7.753	(0.436)	267843	2.50000	2.313
	8 Naled	7.949	7.952	(0.447)	106065	2.50000	3.581
*	9 Tributylphosphate	8.045	8.072	(1.000)	214729	2.00000	
	10 Sulfotepp	8.327	8.327	(0.469)	402503	2.50000	2.431
	11 Phorate	8.415	8.417	(0.474)	279604	2.50000	2.332
	12 Dimethoate	8.547	8.552	(0.481)	350307	2.50000	2.515
	13 Demeton-S	8.732	8.747	(0.492)	166237	1.70000	1.646
	14 Simazine	8.814	8.815	(0.496)	98233	2.50000	2.112
	15 Atrazine	8.982	8.983	(0.506)	123066	2.50000	2.279
	16 propazine	9.127	9.127	(0.514)	110536	2.50000	2.218
	17 Disulfoton	9.742	9.743	(0.548)	202889	2.50000	2.501
	18 Diazinon	9.780	9.782	(0.551)	282616	2.50000	2.194
	19 Methyl Parathion	10.589	10.588	(0.596)	220334	2.50000	2.697
	20 Ronnel	11.109	11.108	(0.625)	183740	2.50000	2.176
	21 Malathion	11.665	11.665	(0.657)	184496	2.50000	2.399
	22 Fenthion	11.792	11.792	(0.664)	199073	2.50000	2.397
	23 Parathion	11.879	11.877	(0.669)	222604	2.50000	2.519
	24 Chlorpyrifos	11.925	11.925	(0.671)	239146	2.50000	2.237
	25 Trichloronate	12.347	12.345	(0.695)	220384	2.50000	2.306
	26 Anilazine	12.665	12.663	(0.713)	22491	2.50000	2.660
	27 Merphos-A (Merphos)	13.040	13.038	(0.734)	170087	2.50000	2.133
	28 Tetrachlorvinphos (Stirophos)	13.664	13.667	(0.769)	136299	2.50000	2.572
	29 Tokuthion	14.280	14.278	(0.804)	205702	2.50000	2.246
	30 Merphos-B (Merphos Oxone)	14.487	14.490	(0.815)	58022	2.50000	2.712
	31 Carbophenothion-methyl	15.059	15.058	(0.848)	171777	2.50000	2.437
	32 Fensulfothion	15.200	15.205	(0.856)	188031	2.50000	2.491
	33 Bolstar / Famphur	15.930	15.930	(0.897)	399018	5.00000	4.553

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	16.079	16.075	(0.905)	189554	2.50000	2.156
S	35 Triphenyl phosphate	16.614	16.615	(0.935)	153702	2.50000	2.301(A)
	36 Phosmet	16.869	16.868	(0.950)	185567	2.50000	2.466
	37 EPN	17.059	17.058	(0.960)	192013	2.50000	2.657
	38 Azinphos-methyl	17.394	17.392	(0.979)	211088	2.50000	2.632
*	39 TOCP	17.765	17.767	(1.000)	132142	2.00000	
	40 Azinphos-ethyl	17.844	17.843	(1.004)	213458	2.50000	2.408
	41 Coumaphos	18.290	18.290	(1.030)	166431	2.50000	2.573
S	42 Merphos				228109	2.50000	2.266
M	43 Total Demeton				255481	2.50000	2.347

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

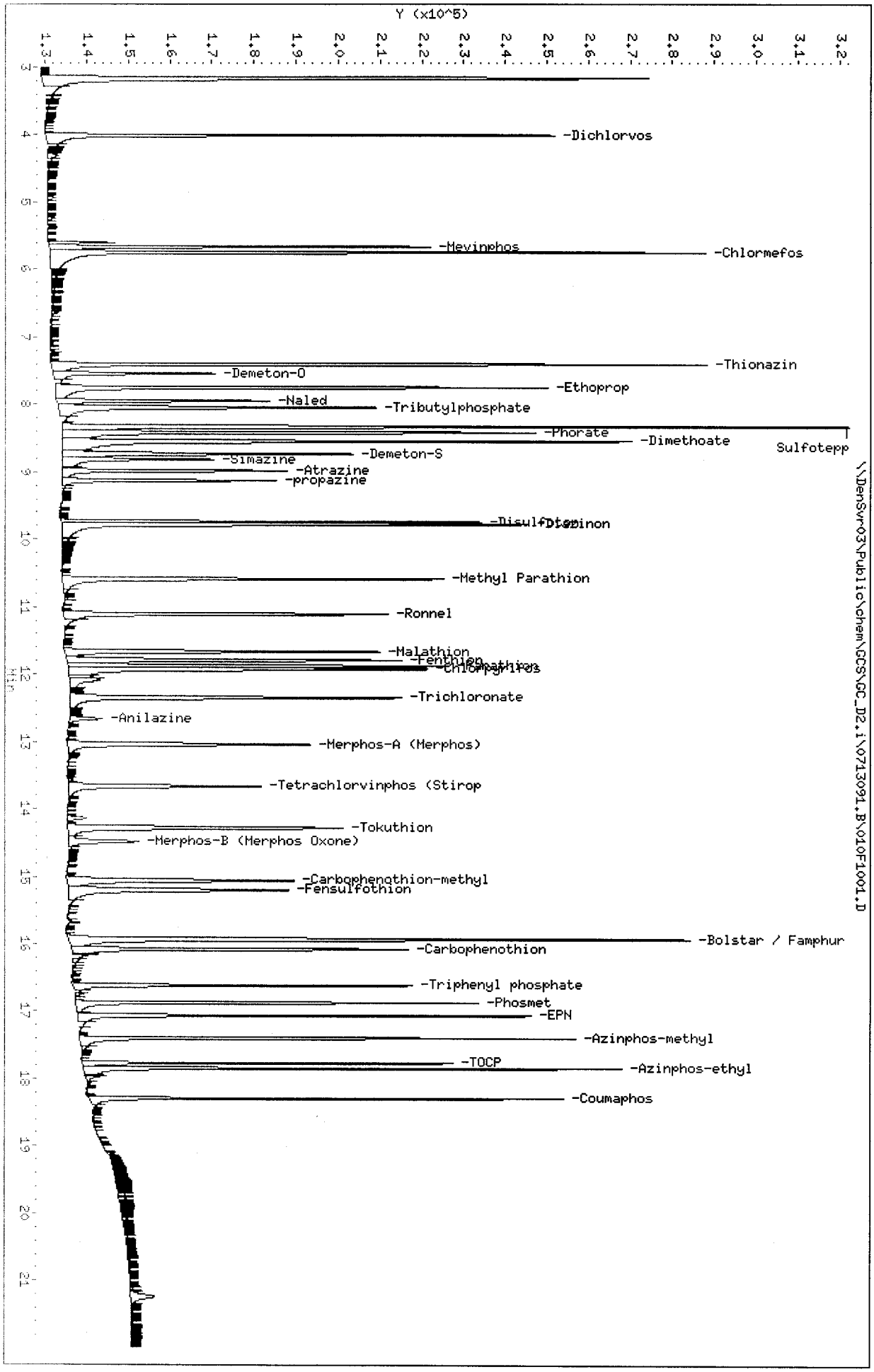
Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Lab Smp Id: OPP CCV GSV0827
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 13-JUL-2009
Calibration Time: 17:13
Client Smp ID: OPP CCV GSV0827
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	221173	110587	442346	214729	-2.91
39 TOCP	134692	67346	269384	132142	-1.89

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.07	7.57	8.57	8.05	-0.32
39 TOCP	17.77	17.27	18.27	17.77	-0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\010F1001.D
Date : 13-JUL-2009 20:24
Client ID: OPP CCV GSV0827
Sample Info: OPP CCV GSV0827
Column phase: RTx-1MS

Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B/010F1001.D
Report Date: 07/14/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Analysis Type: NONE

Injection Date: 13-JUL-2009 20:24
Lab Sample ID: OPP CCV GSV0827
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.1611	13.6	15.0	
2	Dichlorvos	2.5000	2.2247	11.0	15.0	
3	Chlormefos	2.5000	2.1199	15.2	15.0	<-
4	Mevinphos	2.5000	2.5108	0.4	15.0	
5	Demeton-O	0.8125	0.7519	7.5	15.0	
6	Thionazin	2.5000	2.1134	15.5	15.0	<-
7	Ethoprop	2.5000	2.2141	11.4	15.0	
8	Phorate	2.5000	2.3419	6.3	15.0	
10	Naled	2.5000	3.3137	32.5	15.0	<-
146	Sulfotepp	2.5000	2.3038	7.8	15.0	
10	Simazine	2.5000	1.9770	20.9	15.0	<-
12	Diazinon	2.5000	2.3082	7.7	15.0	
150	Atrazine	2.5000	2.0621	17.5	15.0	<-
13	Propazine	2.5000	1.9225	23.1	15.0	<-
14	Disulfoton	2.5000	2.3358	6.6	15.0	
15	Demeton-S	1.7000	1.5706	7.6	15.0	
16	Dimethoate	2.5000	2.3018	7.9	15.0	
17	Ronnel	2.5000	2.2255	11.0	15.0	
148	Merphos-A (Merphos)	2.5000	2.3503	6.0	999.0	
18	Chlorpyrifos	2.5000	2.3272	6.9	15.0	
19	Fenthion	2.5000	2.4350	2.6	15.0	
20	Trichloronate	2.5000	2.1545	13.8	15.0	
21	Anilazine	2.5000	2.1188	15.2	15.0	<-
23	Methyl Parathion	2.5000	2.5961	3.8	15.0	
24	Malathion	2.5000	2.1505	14.0	15.0	
25	Tokuthion	2.5000	2.1157	15.4	15.0	<-
26	Parathion	2.5000	2.6148	4.6	15.0	
149	Merphos-B (Merphos Oxone)	2.5000	2.8112	12.4	999.0	
27	Tetrachlorvinphos (stirophos)	2.5000	2.4481	2.1	15.0	
28	Carbophenothion methyl	2.5000	2.1715	13.1	15.0	
28	Bolstar	2.5000	2.2071	11.7	15.0	
30	Carbophenothion	2.5000	2.2871	8.5	15.0	
29	Triphenyl phosphate	2.5000	2.5597	2.4	15.0	
30	Fensulfothion	2.5000	2.6588	6.4	15.0	
35	Phosmet / EPN	5.0000	5.3413	6.8	15.0	
33	Famphur	2.5000	2.5871	3.5	15.0	
34	Azinphos-methyl	2.5000	2.3745	5.0	15.0	
35	Azinphos-ethyl	2.5000	2.4327	2.7	15.0	
36	Coumaphos	2.5000	2.5698	2.8	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B/010F1001.D
Report Date: 07/14/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Analysis Type: NONE

Injection Date: 13-JUL-2009 20:24
Lab Sample ID: OPP CCV GSV0827
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
22 Merphos	2.5000	2.1896	12.4	15.0
40 Total Demeton	2.5000	2.3224	7.1	15.0

Average %D = 9.83

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\010F1001.D
Lab Smp Id: OPP CCV GSV0827 Client Smp ID: OPP CCV GSV0827
Inj Date : 13-JUL-2009 20:24
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP CCV GSV0827
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Meth Date : 14-Jul-2009 10:34 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 10 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
1	o,o,o-TEPT	4.647	4.647	(0.248)	328675	2.50000	2.161
2	Dichlorvos	6.452	6.452	(0.344)	264188	2.50000	2.225
$ 3	Chlormefos	7.281	7.280	(0.388)	253420	2.50000	2.120
4	Mevinphos	9.119	9.120	(0.486)	200848	2.50000	2.511
5	Demeton-O	9.611	9.610	(0.513)	57312	0.81250	0.7519
6	Thionazin	9.859	9.860	(0.526)	252821	2.50000	2.113
7	Ethoprop	10.376	10.377	(0.553)	197915	2.50000	2.214
8	Phorate	10.406	10.404	(0.555)	242750	2.50000	2.342
9	Naled	10.809	10.809	(0.577)	87861	2.50000	3.314
10	Sulfotepp	10.886	10.885	(0.581)	360174	2.50000	2.304(A)
* 11	Tributylphosphate	11.002	11.010	(1.000)	183814	2.00000	
12	Simazine	11.269	11.269	(0.601)	44267	2.50000	1.977(A)
13	Diazinon	11.407	11.407	(0.608)	193544	2.50000	2.308
14	Atrazine	11.449	11.449	(0.611)	89708	2.50000	2.062(A)
15	Propazine	11.612	11.612	(0.619)	74585	2.50000	1.922
16	Disulfoton	11.904	11.904	(0.635)	192576	2.50000	2.336
17	Demeton-S	11.984	11.989	(0.639)	150874	1.70000	1.570
18	Dimethoate	13.122	13.122	(0.700)	254348	2.50000	2.302
19	Ronnel	13.426	13.424	(0.716)	165527	2.50000	2.226
20	Merphos-A (Merphos)	13.522	13.520	(1.229)	156546	2.50000	2.350(A)
21	Chlorpyrifos	14.241	14.239	(0.760)	175560	2.50000	2.327
22	Fenthion	14.494	14.490	(0.773)	170374	2.50000	2.435
23	Trichloronate	14.536	14.534	(0.775)	209462	2.50000	2.154
24	Anilazine	15.039	15.039	(0.802)	13683	2.50000	2.119
25	Methyl Parathion	15.359	15.359	(0.819)	196106	2.50000	2.596(A)
26	Malathion	15.587	15.584	(0.831)	152177	2.50000	2.150
27	Tokuthion	16.229	16.229	(0.866)	175296	2.50000	2.116
28	Parathion	16.382	16.382	(0.874)	194632	2.50000	2.615(M)
29	Merphos-B (Merphos Oxone)	16.407	16.407	(1.491)	58017	2.50000	2.811(AM)
30	Tetrachlorvinphos (stirophos)	16.882	16.882	(0.901)	117878	2.50000	2.448
31	Carbophenothion methyl	16.984	16.984	(0.906)	149868	2.50000	2.172
32	Bolstar	17.352	17.352	(0.926)	160452	2.50000	2.207
33	Carbophenothion	17.434	17.434	(0.930)	163495	2.50000	2.287(A)

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	34 Triphenyl phosphate	18.202	18.202	(0.971)	150154	2.50000	2.560
	35 Fensulfothion	18.482	18.484	(0.986)	143204	2.50000	2.659
*	36 TOCP	18.747	18.747	(1.000)	117580	2.00000	
	37 Phosmet / EPN	18.837	18.839	(1.005)	320679	5.00000	5.341(A)
	38 Famphur	18.941	18.942	(1.010)	199517	2.50000	2.587
	39 Azinphos-methyl	19.076	19.079	(1.018)	167518	2.50000	2.374
	40 Azinphos-ethyl	19.289	19.294	(1.029)	163452	2.50000	2.433
	41 Coumaphos	20.242	20.247	(1.080)	132755	2.50000	2.570
$	42 Merphos				214563	2.50000	2.190(A)
M	43 Total Demeton				208186	2.50000	2.322

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

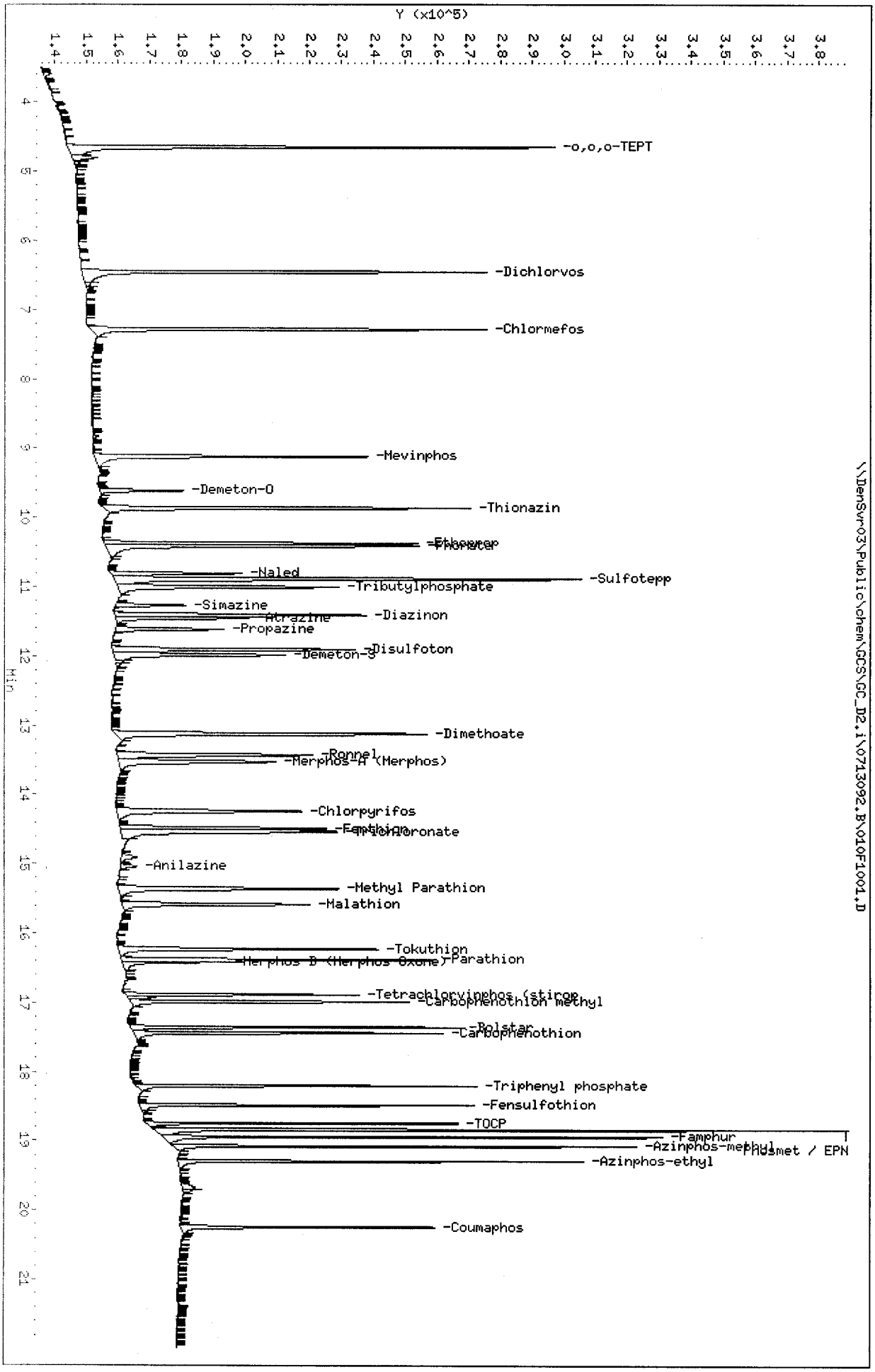
Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Lab Smp Id: OPP CCV GSV0827
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Misc Info:

Calibration Date: 13-JUL-2009
Calibration Time: 17:13
Client Smp ID: OPP CCV GSV0827
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	189223	94612	378446	183814	-2.86
36 TOCP	113498	56749	226996	117580	3.60

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.01	10.51	11.51	11.00	-0.07
36 TOCP	18.75	18.25	19.25	18.75	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



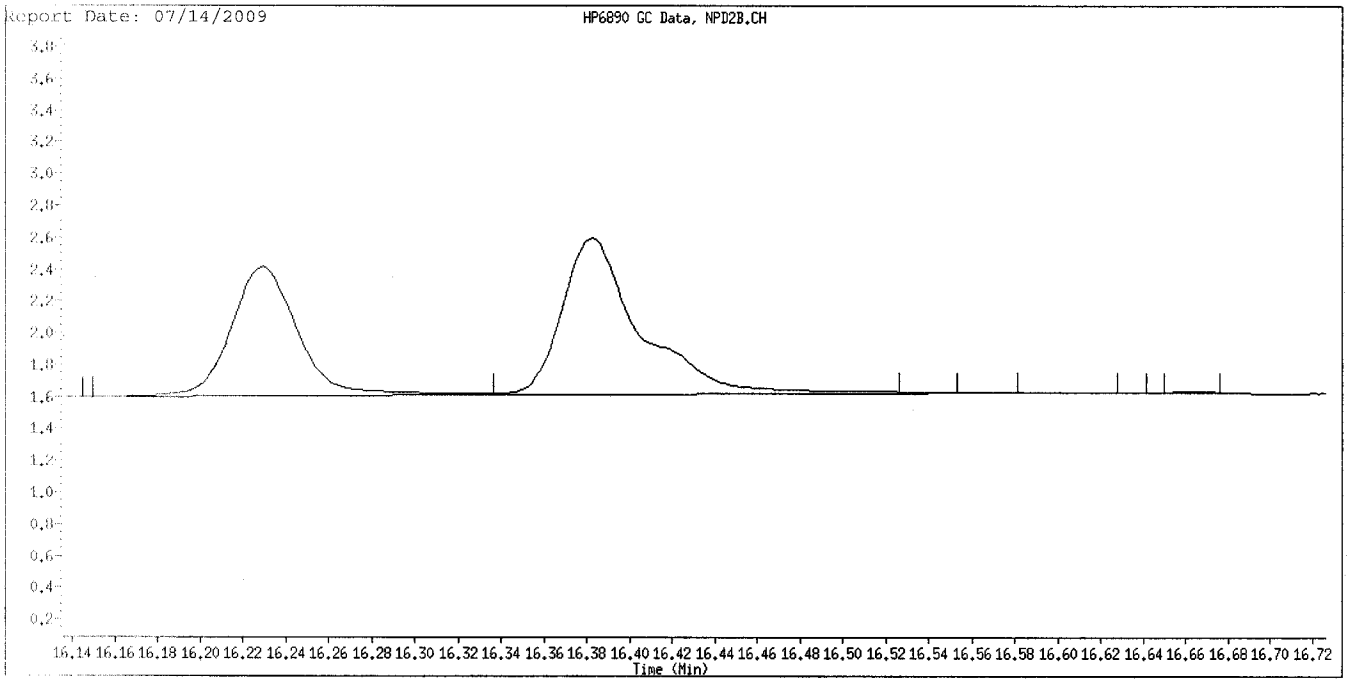
Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\071309Z.B\010F1001.D
Date : 13-JUL-2009 20:24
Client ID: OPP CCV GSV0827
Sample Info: OPP CCV GSV0827
Column phase: RTx-OPPest

\\DenSvr03\Public\chem\GCS\GC_D2.i\071309Z.B\010F1001.D

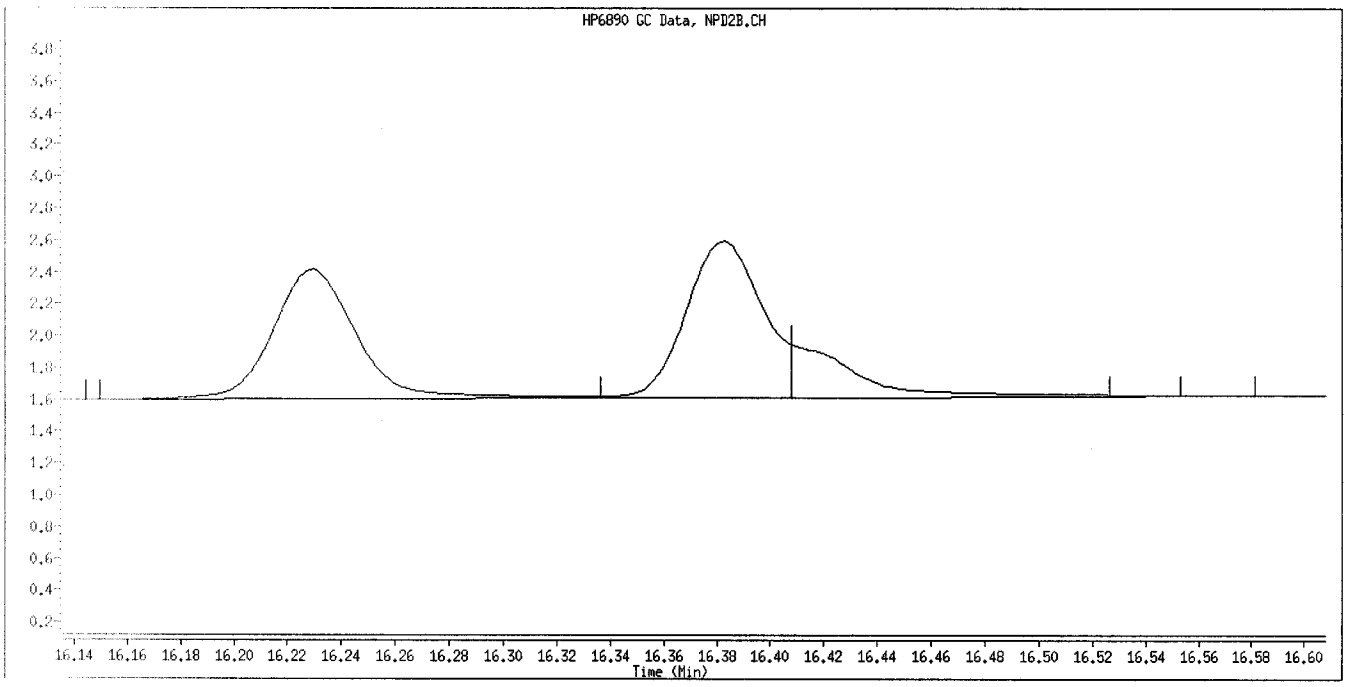
Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

Page 4

Data File Name: 010F1001.D
Inj. Date and Time: 13-JUL-2009 20:24
Instrument ID: GC_D2.i
Client ID: OPP CCV GSV0827
Compound Name: Parathion
CAS #:
Report Date: 07/14/2009



Original Integration

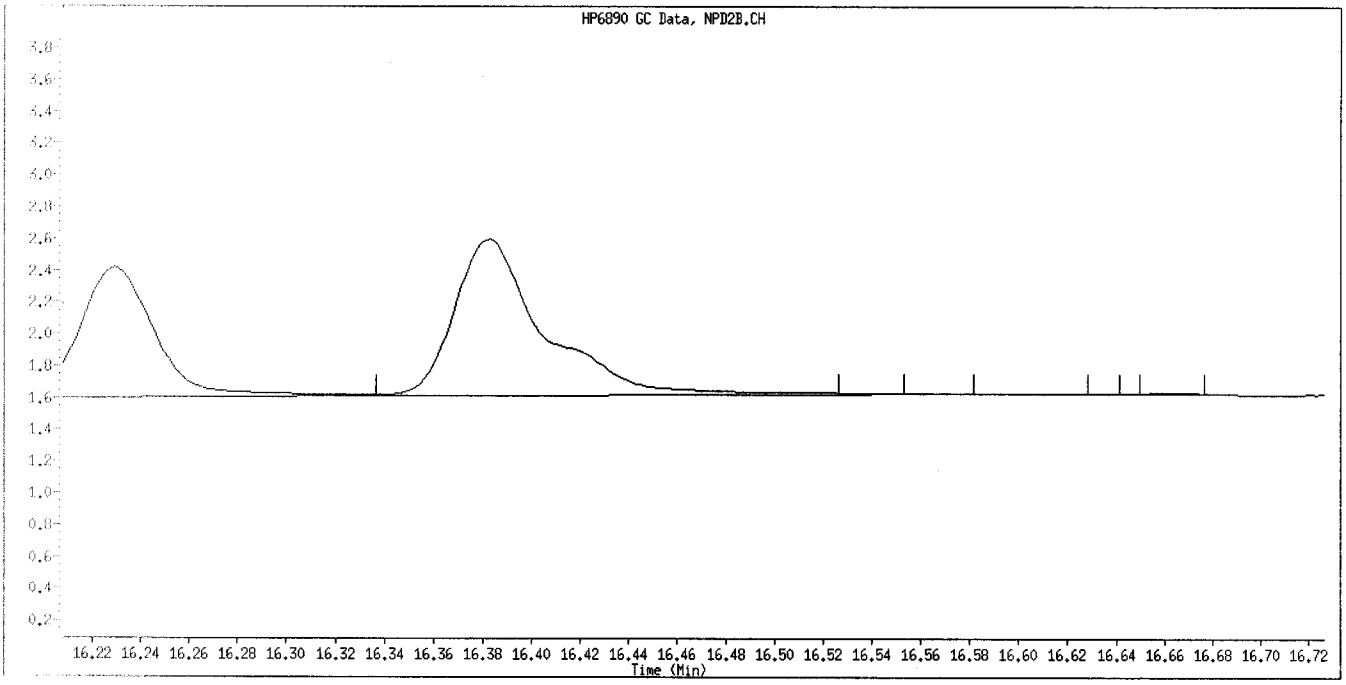


Manual Integration

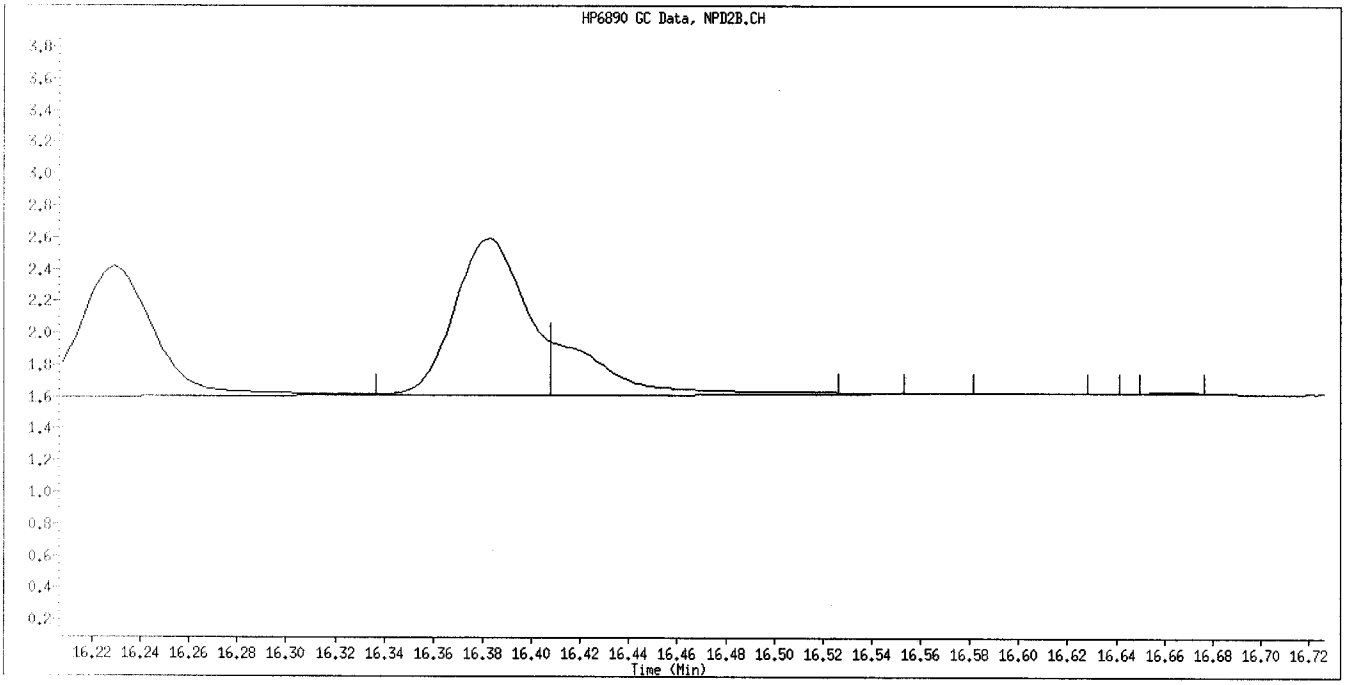
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

7/14/09

Data File Name: 010F1001.D
Inj. Date and Time: 13-JUL-2009 20:24
Instrument ID: GC_D2.i
Client ID: OPP CCV GSV0827
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 07/14/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

7/14/09

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B/021F2101.D
Report Date: 07/14/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Injection Date: 14-JUL-2009 01:24
Lab File ID: 021F2101.D
Lab Sample ID: OPP CCV GSV0827
Analysis Type: NONE
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.2285	10.9	15.0	
2	Dichlorvos	2.5000	2.5185	0.7	15.0	
3	Mevinphos	2.5000	2.6806	7.2	15.0	
4	Chlormefos	2.5000	2.3657	5.4	15.0	
5	Thionazin	2.5000	2.3993	4.0	15.0	
6	Demeton-O	0.8125	0.7744	4.7	15.0	
7	Ethoprop	2.5000	2.3999	4.0	15.0	
8	Naled	2.5000	2.4261	3.0	15.0	
9	Sulfotepp	2.5000	2.5054	0.2	15.0	
10	Phorate	2.5000	2.3527	5.9	15.0	
11	Dimethoate	2.5000	2.5321	1.3	15.0	
12	Demeton-S	1.7000	1.6872	0.8	15.0	
13	Simazine	2.5000	2.0083	19.7	15.0	<-
14	Atrazine	2.5000	2.2907	8.4	15.0	
15	propazine	2.5000	2.2221	11.1	15.0	
17	Disulfoton	2.5000	2.5380	1.5	15.0	
16	Diazinon	2.5000	2.2662	9.4	15.0	
18	Methyl Parathion	2.5000	2.7577	10.3	15.0	
19	Ronnel	2.5000	2.2370	10.5	15.0	
20	Malathion	2.5000	2.4719	1.1	15.0	
21	Fenthion	2.5000	2.4235	3.1	15.0	
22	Parathion	2.5000	2.5498	2.0	15.0	
23	Chlorpyrifos	2.5000	2.2792	8.8	15.0	
24	Trichloronate	2.5000	2.2809	8.8	15.0	
25	Anilazine	2.5000	1.4012	44.0	15.0	<-
148	Merphos-A (Merphos)	2.5000	2.1693	13.2	999.0	
26	Tetrachlorvinphos (Stirophos)	2.5000	2.4417	2.3	15.0	
28	Tokuthion	2.5000	2.3124	7.5	15.0	
149	Merphos-B (Merphos Oxone)	2.5000	2.9061	16.2	999.0	
29	Carbophenothion-methyl	2.5000	2.4580	1.7	15.0	
29	Fensulfothion	2.5000	2.7544	10.2	15.0	
30	Bolstar / Famphur	5.0000	4.6570	6.9	15.0	
32	Carbophenothion	2.5000	2.2653	9.4	15.0	
31	Triphenyl phosphate	2.5000	2.4396	2.4	15.0	
34	Phosmet	2.5000	2.5112	0.4	15.0	
32	EPN	2.5000	2.7613	10.5	15.0	
33	Azinphos-methyl	2.5000	2.5923	3.7	15.0	
35	Azinphos-ethyl	2.5000	2.4203	3.2	15.0	
36	Coumaphos	2.5000	2.6655	6.6	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B/021F2101.D
Report Date: 07/14/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 021F2101.D
Analysis Type: NONE

Injection Date: 14-JUL-2009 01:24
Lab Sample ID: OPP CCV GSV0827
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
27 Merphos	2.5000	2.3355	6.6	15.0
40 Total Demeton	2.5000	2.4616	1.5	15.0

Average %D = 7.05

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\021F2101.D
Lab Smp Id: OPP CCV GSV0827 Client Smp ID: OPP CCV GSV0827
Inj Date : 14-JUL-2009 01:24
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP CCV GSV0827
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Meth Date : 14-Jul-2009 08:48 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 21 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1 o,o,o-TEPT	3.164	3.163	(0.178)	414906	2.50000	2.228
	2 Dichlorvos	4.001	4.002	(0.225)	291172	2.50000	2.518
	3 Mevinphos	5.661	5.670	(0.319)	170243	2.50000	2.681
S	4 Chlormefos	5.746	5.745	(0.323)	342496	2.50000	2.366
	5 Thionazin	7.407	7.407	(0.417)	317002	2.50000	2.399
	6 Demeton-O	7.542	7.542	(0.425)	98246	0.81250	0.7744
	7 Ethoprop	7.749	7.753	(0.436)	277873	2.50000	2.400
	8 Naled	7.949	7.952	(0.447)	69916	2.50000	2.426
*	9 Tributylphosphate	8.026	8.072	(1.000)	226582	2.00000	
	10 Sulfotepp	8.329	8.327	(0.469)	414556	2.50000	2.505
	11 Phorate	8.419	8.417	(0.474)	282104	2.50000	2.353
	12 Dimethoate	8.547	8.552	(0.481)	352707	2.50000	2.532
	13 Demeton-S	8.731	8.747	(0.491)	170418	1.70000	1.687
	14 Simazine	8.814	8.815	(0.496)	93198	2.50000	2.008
	15 Atrazine	8.982	8.983	(0.506)	123721	2.50000	2.291
	16 propazine	9.129	9.127	(0.514)	110739	2.50000	2.222
	17 Disulfoton	9.746	9.743	(0.549)	205848	2.50000	2.538
	18 Diazinon	9.782	9.782	(0.551)	291894	2.50000	2.266
	19 Methyl Parathion	10.592	10.588	(0.596)	225266	2.50000	2.758
	20 Ronnel	11.111	11.108	(0.625)	188891	2.50000	2.237
	21 Malathion	11.666	11.665	(0.657)	190033	2.50000	2.472
	22 Fenthion	11.794	11.792	(0.664)	201239	2.50000	2.423
	23 Parathion	11.881	11.877	(0.669)	225335	2.50000	2.550
	24 Chlorpyrifos	11.929	11.925	(0.671)	243688	2.50000	2.279
	25 Trichloronate	12.349	12.345	(0.695)	217955	2.50000	2.281
	26 Anilazine	12.669	12.663	(0.713)	10602	2.50000	1.401
	27 Merphos-A (Merphos)	13.044	13.038	(0.734)	172949	2.50000	2.169
	28 Tetrachlorvinphos (Stirophos)	13.666	13.667	(0.769)	129381	2.50000	2.442
	29 Tokuthion	14.284	14.278	(0.804)	211822	2.50000	2.312
	30 Merphos-B (Merphos Oxone)	14.487	14.490	(0.815)	62212	2.50000	2.906
	31 Carbophenothion-methyl	15.064	15.058	(0.848)	173195	2.50000	2.458
	32 Fensulfothion	15.201	15.205	(0.856)	208700	2.50000	2.754
	33 Bolstar / Famphur	15.934	15.930	(0.897)	408113	5.00000	4.657

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	16.081	16.075	(0.905)	199155	2.50000	2.265
S	35 Triphenyl phosphate	16.616	16.615	(0.935)	162993	2.50000	2.440(A)
	36 Phosmet	16.871	16.868	(0.950)	188969	2.50000	2.511
	37 EPN	17.061	17.058	(0.960)	199722	2.50000	2.761
	38 Azinphos-methyl	17.394	17.392	(0.979)	207871	2.50000	2.592
*	39 TOCP	17.767	17.767	(1.000)	132147	2.00000	
	40 Azinphos-ethyl	17.846	17.843	(1.004)	214496	2.50000	2.420
	41 Coumaphos	18.292	18.290	(1.030)	172394	2.50000	2.666
S	42 Merphos				235161	2.50000	2.335
M	43 Total Demeton				268664	2.50000	2.462

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

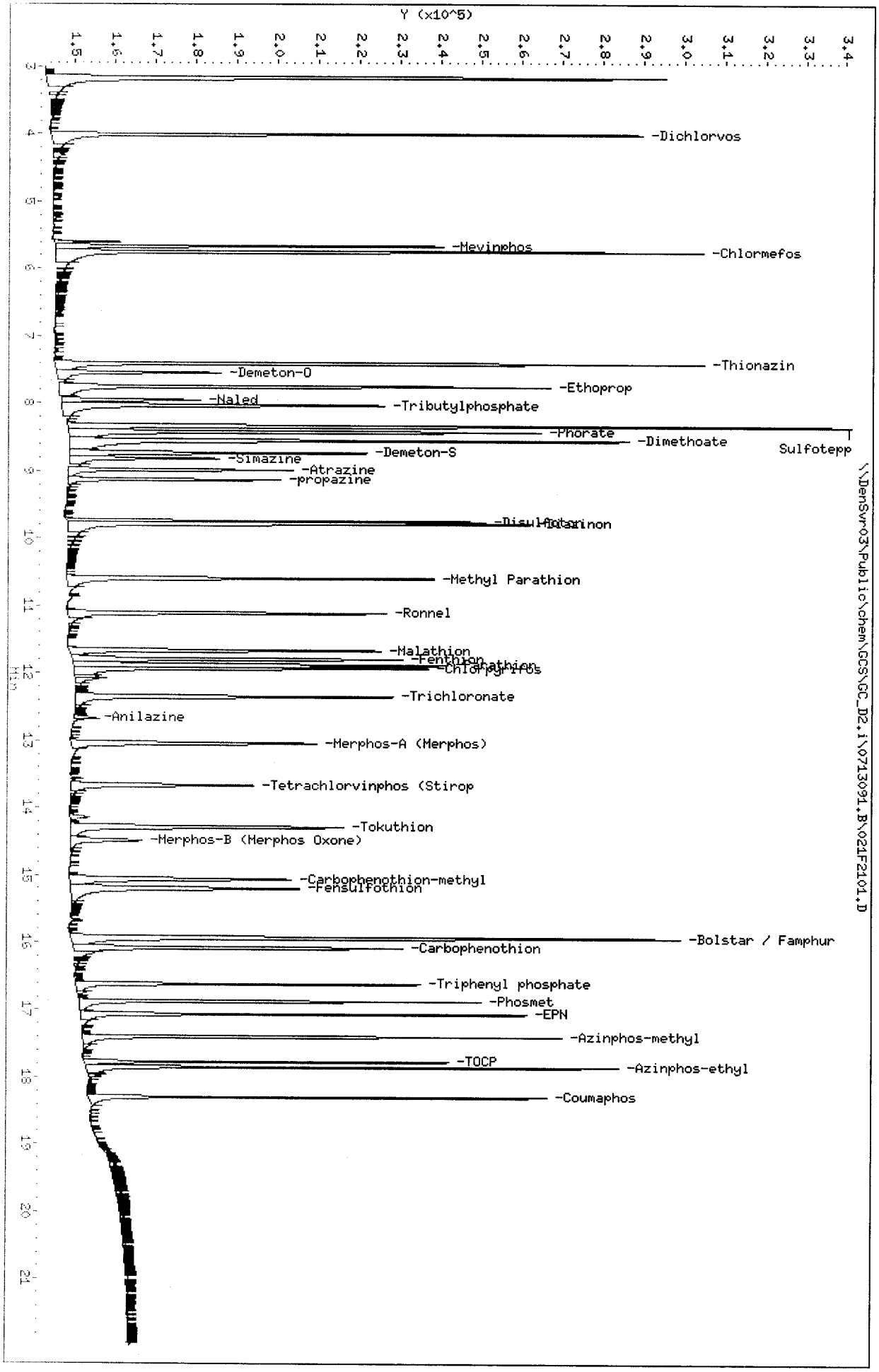
Instrument ID: GC_D2.i
Lab File ID: 021F2101.D
Lab Smp Id: OPP CCV GSV0827
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 13-JUL-2009
Calibration Time: 20:24
Client Smp ID: OPP CCV GSV0827
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	214729	107365	429458	226582	5.52
39 TOCP	132142	66071	264284	132147	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.05	7.55	8.55	8.03	-0.25
39 TOCP	17.77	17.27	18.27	17.77	0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\071309i.B\021F2101.D
Date : 14-JUL-2009 01:24
Client ID: OPP CCV GSV0827
Sample Info: OPP CCV GSV0827
Column phase: RTx-1MS

Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B/021F2101.D
Report Date: 07/14/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Injection Date: 14-JUL-2009 01:24
Lab File ID: 021F2101.D
Lab Sample ID: OPP CCV GSV0827
Analysis Type: NONE
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.2756	9.0	15.0	
2	Dichlorvos	2.5000	2.5849	3.4	15.0	
3	Chlormefos	2.5000	2.2493	10.0	15.0	
4	Mevinphos	2.5000	2.5389	1.6	15.0	
5	Demeton-O	0.8125	0.8856	9.0	15.0	
6	Thionazin	2.5000	2.3288	6.8	15.0	
7	Ethoprop	2.5000	2.3872	4.5	15.0	
8	Phorate	2.5000	2.4102	3.6	15.0	
10	Naled	2.5000	2.2814	8.7	15.0	
146	Sulfotepp	2.5000	2.4971	0.1	15.0	
10	Simazine	2.5000	2.1833	12.7	15.0	
12	Diazinon	2.5000	2.5281	1.1	15.0	
150	Atrazine	2.5000	2.2970	8.1	15.0	
13	Propazine	2.5000	2.2227	11.1	15.0	
14	Disulfoton	2.5000	2.4977	0.1	15.0	
15	Demeton-S	1.7000	1.7627	3.7	15.0	
16	Dimethoate	2.5000	2.4576	1.7	15.0	
17	Ronnel	2.5000	2.3350	6.6	15.0	
148	Merphos-A (Merphos)	2.5000	2.0654	17.4	999.0	
18	Chlorpyrifos	2.5000	2.4690	1.2	15.0	
19	Fenthion	2.5000	2.5598	2.4	15.0	
20	Trichloronate	2.5000	2.3355	6.6	15.0	
21	Anilazine	2.5000	1.4844	40.6	15.0	<-
23	Methyl Parathion	2.5000	2.6637	6.5	15.0	
24	Malathion	2.5000	2.4919	0.3	15.0	
25	Tokuthion	2.5000	2.2498	10.0	15.0	
26	Parathion	2.5000	2.7158	8.6	15.0	
149	Merphos-B (Merphos Oxone)	2.5000	2.9499	18.0	999.0	
27	Tetrachlorvinphos (stirophos)	2.5000	2.5049	0.2	15.0	
28	Carbophenothion methyl	2.5000	2.4377	2.5	15.0	
28	Bolstar	2.5000	2.3532	5.9	15.0	
30	Carbophenothion	2.5000	2.5813	3.3	15.0	
29	Triphenyl phosphate	2.5000	2.5665	2.7	15.0	
30	Fensulfothion	2.5000	2.7519	10.1	15.0	
35	Phosmet / EPN	5.0000	5.2010	4.0	15.0	
33	Famphur	2.5000	2.3224	7.1	15.0	
34	Azinphos-methyl	2.5000	2.4969	0.1	15.0	
35	Azinphos-ethyl	2.5000	2.5447	1.8	15.0	
36	Coumaphos	2.5000	2.7420	9.7	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B/021F2101.D
Report Date: 07/14/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 021F2101.D
Analysis Type: NONE

Injection Date: 14-JUL-2009 01:24
Lab Sample ID: OPP CCV GSV0827
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
22 Merphos	2.5000	2.2019	11.9	15.0
40 Total Demeton	2.5000	2.6483	5.9	15.0

Average %D = 6.80

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\021F2101.D
Lab Smp Id: OPP CCV GSV0827 Client Smp ID: OPP CCV GSV0827
Inj Date : 14-JUL-2009 01:24
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP CCV GSV0827
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Meth Date : 14-Jul-2009 10:35 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 21 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1 o,o,o-TEPT	4.648	4.647	(0.248)	336377	2.50000	2.276
	2 Dichlorvos	6.453	6.452	(0.344)	298356	2.50000	2.585
$	3 Chlormefos	7.283	7.280	(0.388)	261355	2.50000	2.249
	4 Mevinphos	9.121	9.120	(0.487)	197407	2.50000	2.539
	5 Demeton-O	9.613	9.610	(0.513)	65611	0.81250	0.8856
	6 Thionazin	9.861	9.860	(0.526)	270769	2.50000	2.329
	7 Ethoprop	10.376	10.377	(0.553)	207398	2.50000	2.387
	8 Phorate	10.409	10.404	(0.555)	242823	2.50000	2.410
	9 Naled	10.809	10.809	(0.577)	56446	2.50000	2.281
	10 Sulfotepp	10.888	10.885	(0.581)	379445	2.50000	2.497(A)
*	11 Tributylphosphate	10.998	11.010	(1.000)	194356	2.00000	
	12 Simazine	11.269	11.269	(0.601)	47516	2.50000	2.183(A)
	13 Diazinon	11.409	11.407	(0.609)	206266	2.50000	2.528
	14 Atrazine	11.451	11.449	(0.611)	98386	2.50000	2.297(A)
	15 Propazine	11.613	11.612	(0.619)	84165	2.50000	2.223
	16 Disulfoton	11.908	11.904	(0.635)	200155	2.50000	2.498
	17 Demeton-S	11.984	11.989	(0.639)	166058	1.70000	1.763
	18 Dimethoate	13.124	13.122	(0.700)	263950	2.50000	2.458
	19 Ronnel	13.428	13.424	(0.716)	168803	2.50000	2.335
	20 Merphos-A (Merphos)	13.526	13.520	(1.230)	145457	2.50000	2.065(A)
	21 Chlorpyrifos	14.243	14.239	(0.760)	181036	2.50000	2.469
	22 Fenthion	14.494	14.490	(0.773)	174087	2.50000	2.560
	23 Trichloronate	14.538	14.534	(0.775)	221575	2.50000	2.336
	24 Anilazine	15.043	15.039	(0.802)	9320	2.50000	1.484(M)
	25 Methyl Parathion	15.361	15.359	(0.819)	195575	2.50000	2.664(A)
	26 Malathion	15.586	15.584	(0.831)	171398	2.50000	2.492
	27 Tokuthion	16.231	16.229	(0.866)	181183	2.50000	2.250
	28 Parathion	16.383	16.382	(0.874)	196481	2.50000	2.716(M)
	29 Merphos-B (Merphos Oxone)	16.408	16.407	(1.492)	64264	2.50000	2.950(AM)
	30 Tetrachlorvinphos (stirophos)	16.883	16.882	(0.901)	117230	2.50000	2.505
	31 Carbophenothion methyl	16.986	16.984	(0.906)	163519	2.50000	2.438
	32 Bolstar	17.354	17.352	(0.926)	166272	2.50000	2.353
	33 Carbophenothion	17.436	17.434	(0.930)	179348	2.50000	2.581(A)

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	34 Triphenyl phosphate	18.203	18.202	(0.971)	146328	2.50000	2.566
	35 Fensulfothion	18.483	18.484	(0.986)	144066	2.50000	2.752
*	36 TOCP	18.748	18.747	(1.000)	114284	2.00000	
	37 Phosmet / EPN	18.838	18.839	(1.005)	303628	5.00000	5.201(A)
	38 Famphur	18.941	18.942	(1.010)	174079	2.50000	2.322
	39 Azinphos-methyl	19.074	19.079	(1.017)	171210	2.50000	2.497
	40 Azinphos-ethyl	19.289	19.294	(1.029)	166181	2.50000	2.545
	41 Coumaphos	20.243	20.247	(1.080)	137679	2.50000	2.742
S	42 Merphos				209721	2.50000	2.202(A)
M	43 Total Demeton				231669	2.50000	2.648

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

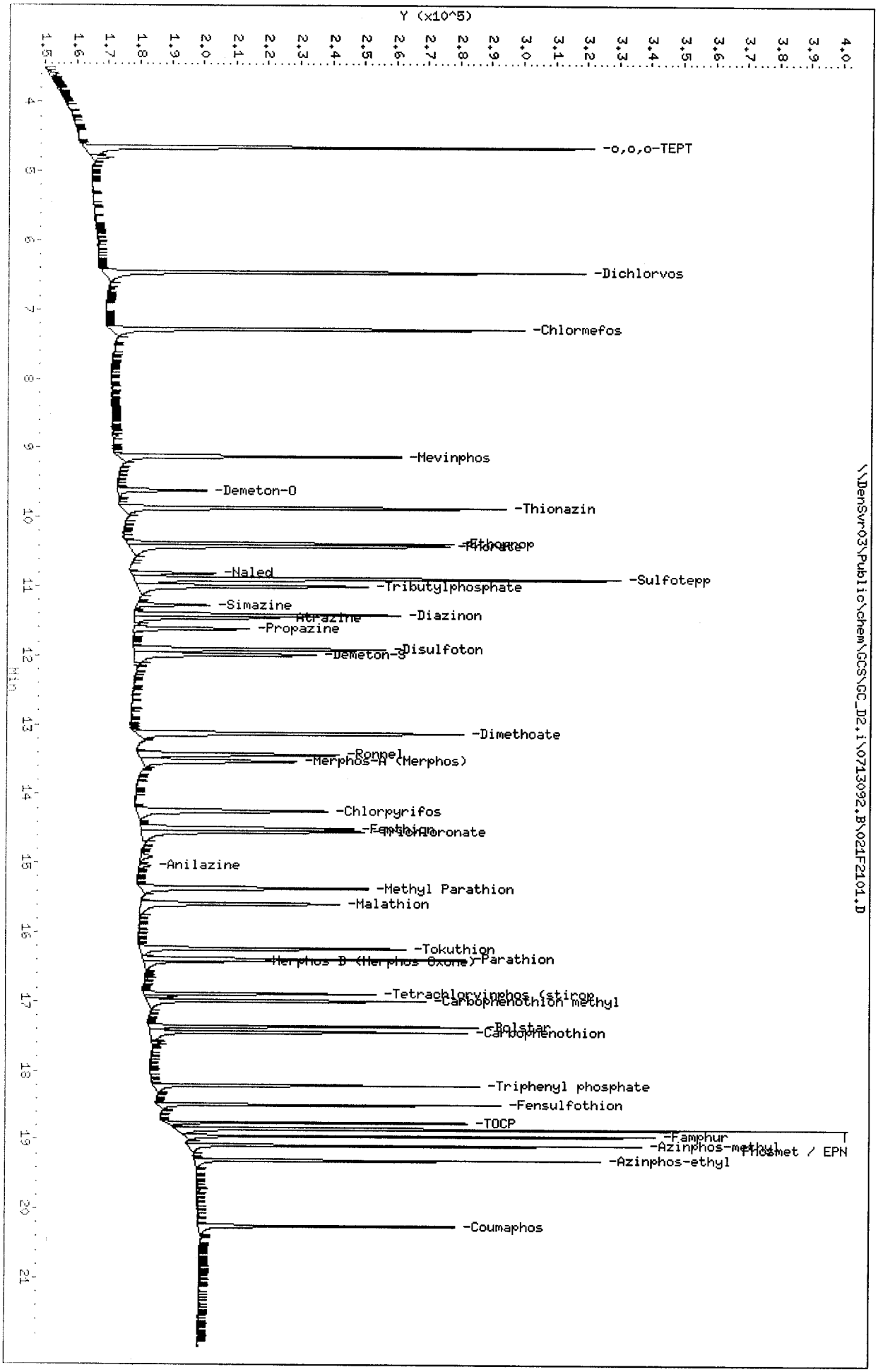
Instrument ID: GC_D2.i
Lab File ID: 021F2101.D
Lab Smp Id: OPP CCV GSV0827
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Misc Info:

Calibration Date: 13-JUL-2009
Calibration Time: 20:24
Client Smp ID: OPP CCV GSV0827
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	183814	91907	367628	194356	5.74
36 TOCP	117580	58790	235160	114284	-2.80

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.00	10.50	11.50	11.00	-0.04
36 TOCP	18.75	18.25	19.25	18.75	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



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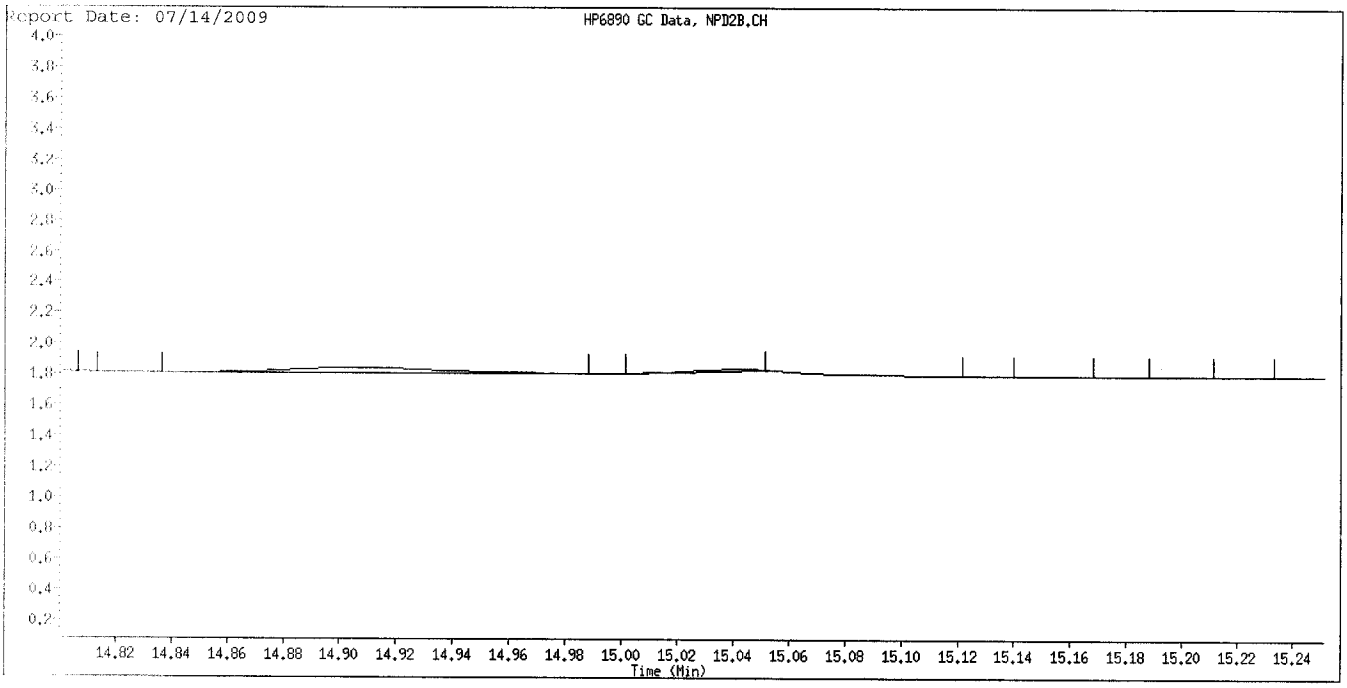
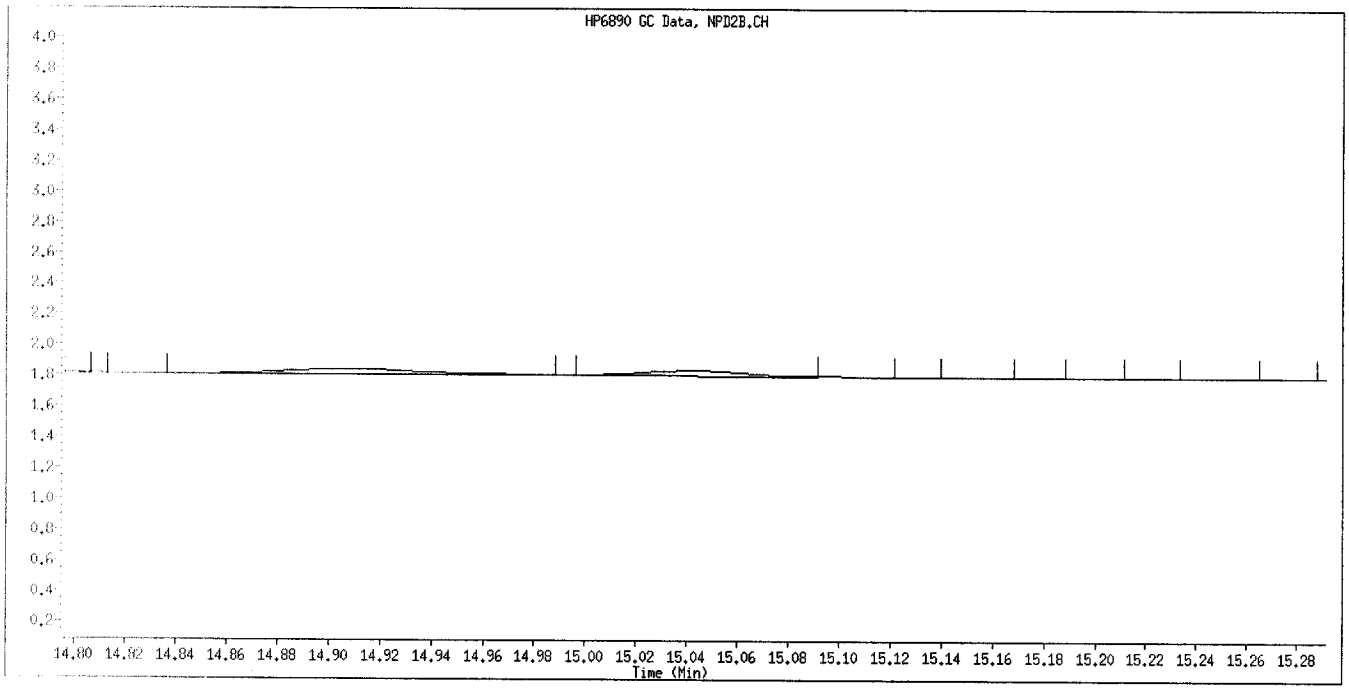
Date : 14-JUL-2009 01:24
Client ID: OPP CCV GSV0827
Sample Info: OPP CCV GSV0827
Column phase: RTx-OPPest

Instrument: GC_D2.i
Operator: HPK/TLW
Column diameter: 0.32

Data File Name: 021F2101.D
Inj. Date and Time: 14-JUL-2009 01:24
Instrument ID: GC_D2.i
Client ID: OPP CCV GSV0827
Compound Name: Anilazine
CAS #:



Original Integration

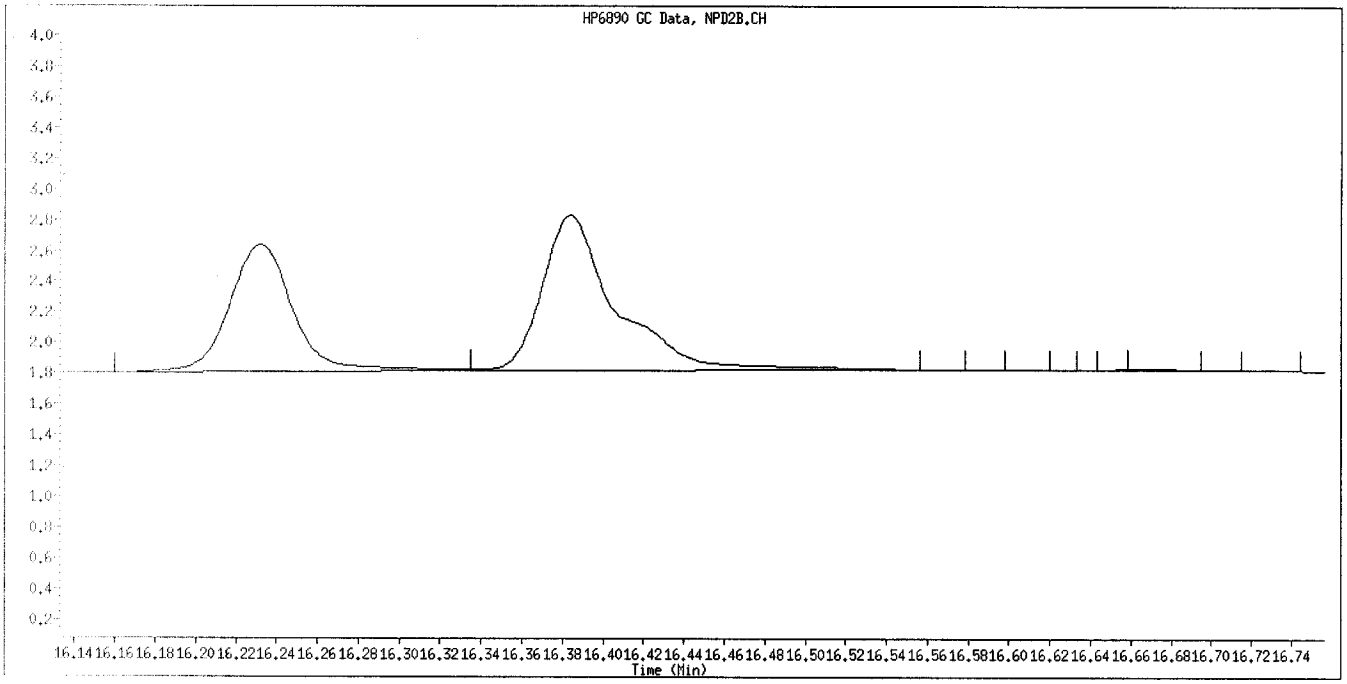


Manual Integration

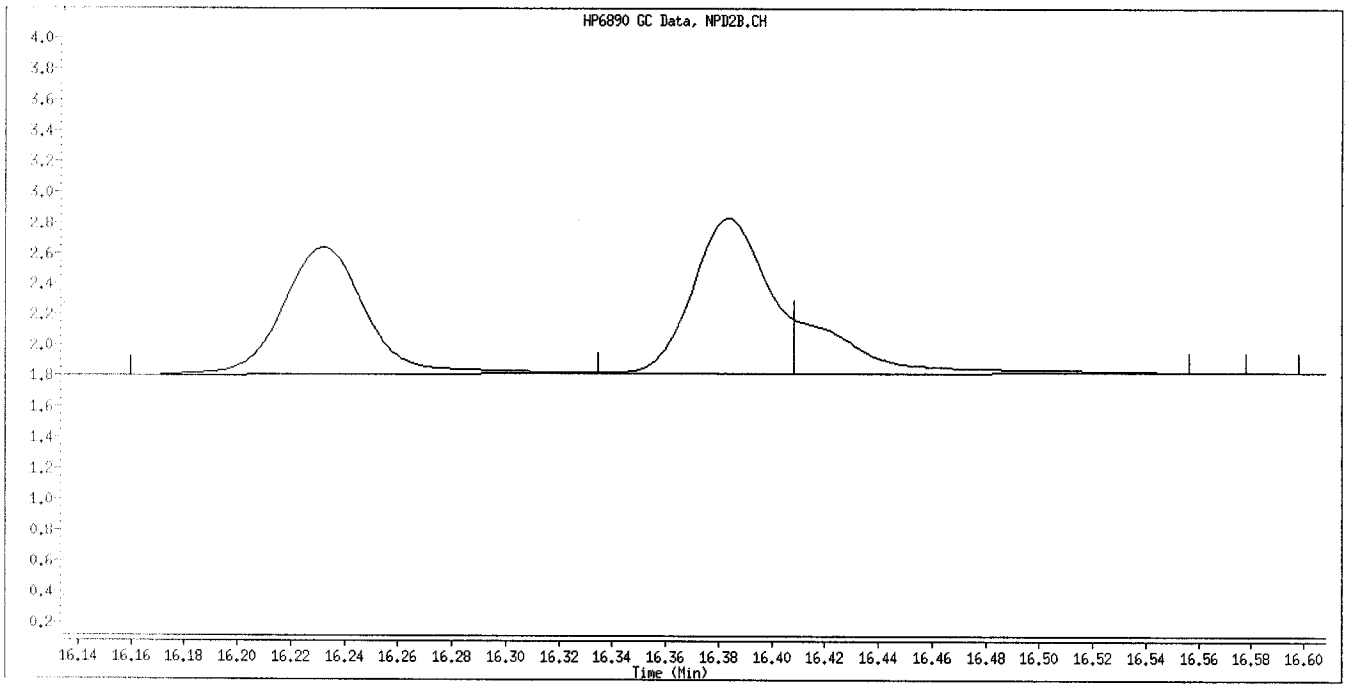
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

7/14/09

Data File Name: 021F2101.D
Inj. Date and Time: 14-JUL-2009 01:24
Instrument ID: GC_D2.i
Client ID: OPP CCV GSV0827
Compound Name: Parathion
CAS #:
Report Date: 07/14/2009



Original Integration

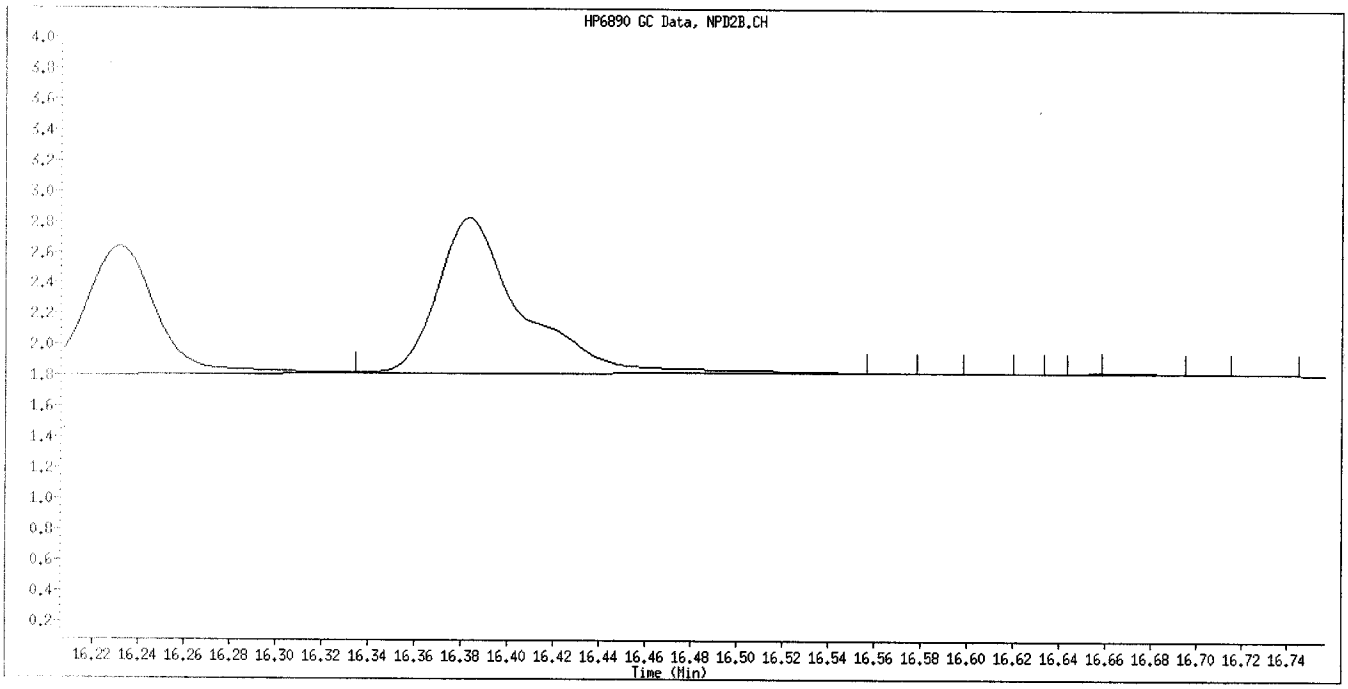


Manual Integration

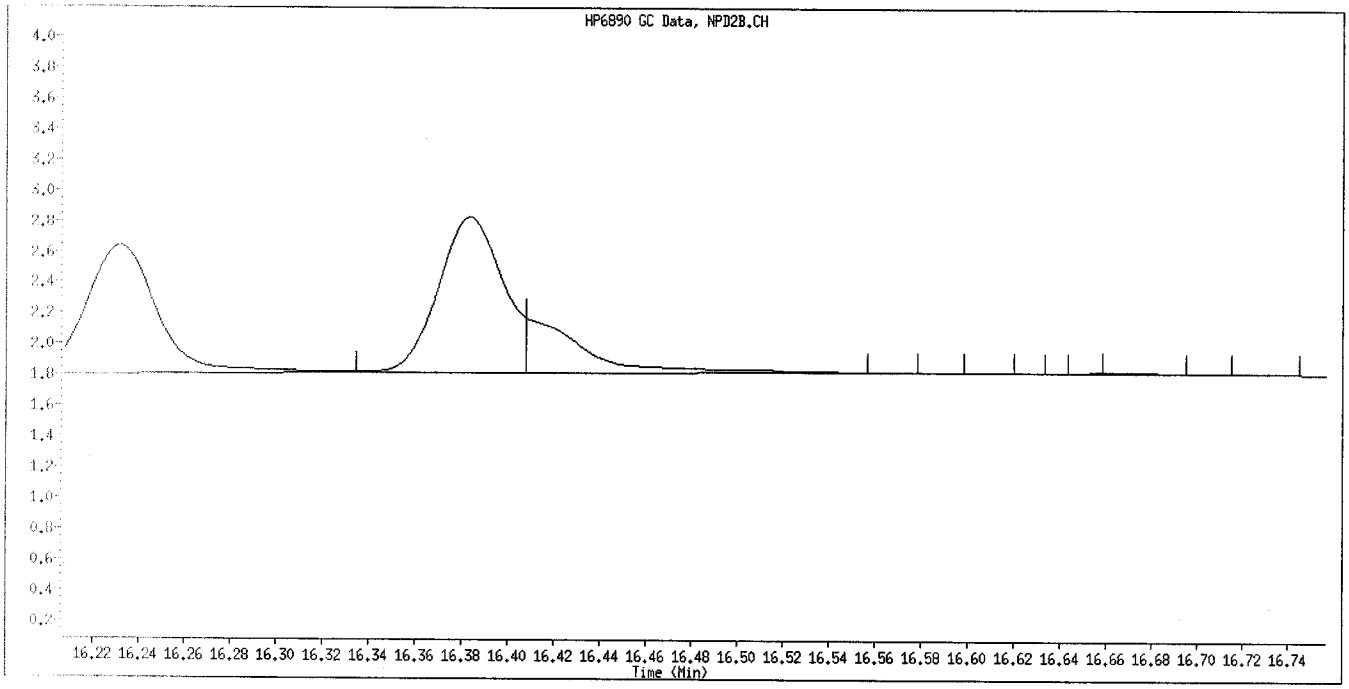
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

7/14/09

Data File Name: 021F2101.D
Inj. Date and Time: 14-JUL-2009 01:24
Instrument ID: GC_D2.i
Client ID: OPP CCV GSV0827
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 07/14/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

7/14/09

GC SEMIVOLATILE SAMPLE DATA

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\011F1101.D
Lab Smp Id: LF5T81AA Client Smp ID: BLANK
Inj Date : 13-JUL-2009 20:52
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LF5T81AA,MB
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Meth Date : 14-Jul-2009 08:48 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 11 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Ws	30.970	Weight of Sample extracted (g)
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
1	o,o,o-TEPT	Compound Not Detected.					
2	Dichlorvos	Compound Not Detected.					
3	Mevinphos	Compound Not Detected.					
$ 4	Chlormefos	5.745	5.745	(0.323)	79445	0.45089	29.12(R)
5	Thionazin	Compound Not Detected.					
6	Demeton-O	Compound Not Detected.					
7	Ethoprop	Compound Not Detected.					
8	Naled	7.950	7.952	(0.447)	104	0.19538	12.62
* 9	Tributylphosphate	8.047	8.072	(1.000)	223809	2.00000	
10	Sulfotepp	Compound Not Detected.					
11	Phorate	Compound Not Detected.					
12	Dimethoate	Compound Not Detected.					
13	Demeton-S	Compound Not Detected.					
14	Simazine	8.802	8.815	(0.495)	77	0.08107	5.235
15	Atrazine	Compound Not Detected.					
16	propazine	Compound Not Detected.					
17	Disulfoton	Compound Not Detected.					
18	Diazinon	Compound Not Detected.					
19	Methyl Parathion	Compound Not Detected.					
20	Ronnel	Compound Not Detected.					
21	Malathion	Compound Not Detected.					
22	Fenthion	Compound Not Detected.					

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
23	Parathion	Compound Not Detected.					
24	Chlorpyrifos	11.928	11.925	(0.671)	113	9e-004	0.05608
25	Trichloronate	Compound Not Detected.					
26	Anilazine	12.643	12.663	(0.712)	70	0.05012	3.237
27	Merphos-A (Merphos)	Compound Not Detected.					
28	Tetrachlorvinphos (Stirophos)	13.692	13.667	(0.771)	72	0.00112	0.07210
29	Tokuthion	Compound Not Detected.					
30	Merphos-B (Merphos Oxone)	14.477	14.490	(0.815)	86	0.02416	1.560
31	Carbophenothion-methyl	Compound Not Detected.					
32	Fensulfothion	15.212	15.205	(0.856)	785	0.10278	6.637
33	Bolstar / Famphur	Compound Not Detected.					
34	Carbophenothion	Compound Not Detected.					
$ 35	Triphenyl phosphate	16.613	16.615	(0.935)	59637	0.73345	47.36
36	Phosmet	Compound Not Detected.					
37	EPN	17.058	17.058	(0.960)	121	0.05048	3.260
38	Azinphos-methyl	Compound Not Detected.					
* 39	TOCP	17.767	17.767	(1.000)	160825	2.00000	
40	Azinphos-ethyl	Compound Not Detected.					
41	Coumaphos	Compound Not Detected.					
S 42	Merphos				86	7.e-004	0.04532
M 43	Total Demeton	Compound Not Detected.					

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 011F1101.D
Lab Smp Id: LF5T81AA
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 13-JUL-2009
Calibration Time: 20:24
Client Smp ID: BLANK
Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	214729	107365	429458	223809	4.23
39 TOCP	132142	66071	264284	160825	21.71

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.05	7.55	8.55	8.05	0.02
39 TOCP	17.77	17.27	18.27	17.77	0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

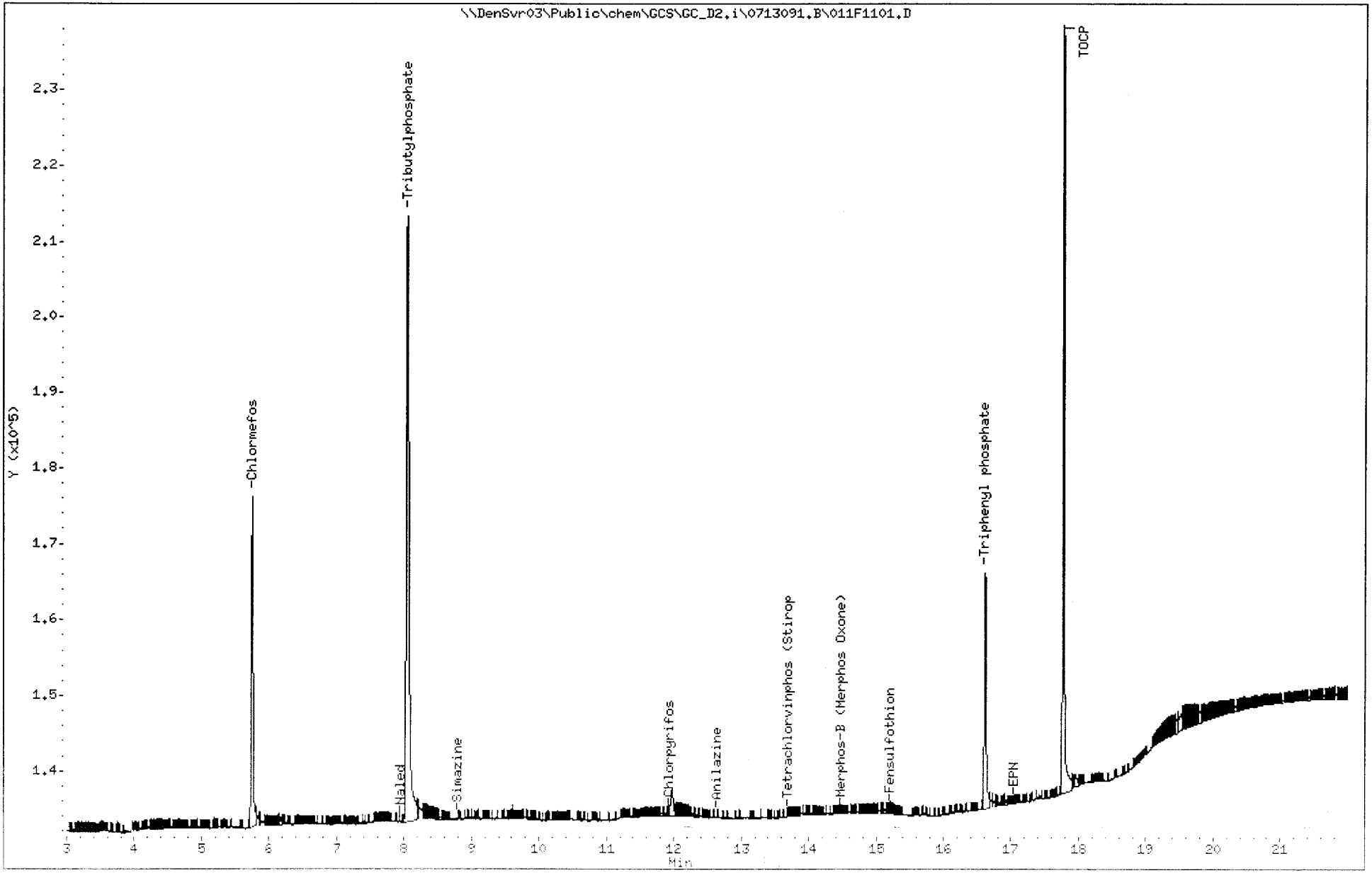
Client Name: Client SDG: D9G070000
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LF5T81AA Client Smp ID: BLANK
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: BLANK
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Misc Info: IS - GSV0633-09

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 4 Chlormefos	64.58	29.12	45.09*	59-112
$ 35 Triphenyl phosphat	64.58	47.36	73.34	50-150

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\011F1101.D
Date : 13-JUL-2009 20:52
Client ID: BLANK
Sample Info: LF5T81AA,MB

Instrument: GC_D2.i

Operator: MPK/TLW
Column phase: RTx-1MS
Column diameter: 0.32



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\011F1101.D
Lab Smp Id: LF5T81AA Client Smp ID: BLANK
Inj Date : 13-JUL-2009 20:52
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LF5T81AA,MB
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Meth Date : 14-Jul-2009 08:59 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 11 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Ws	30.970	Weight of Sample extracted (g)
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
1	o,o,o-TEPT	Compound Not Detected.					
2	Dichlorvos	Compound Not Detected.					
S 3	Chlormefos	7.280	7.280	(0.388)	67289	0.49335	31.86(R)
4	Mevinphos	Compound Not Detected.					
5	Demeton-O	Compound Not Detected.					
6	Thionazin	Compound Not Detected.					
7	Ethoprop	Compound Not Detected.					
8	Phorate	Compound Not Detected.					
9	Naled	10.819	10.809	(0.577)	142	0.27304	17.63
10	Sulfotepp	10.880	10.885	(0.580)	377	0.00211	0.1365(aA)
* 11	Tributylphosphate	11.004	11.010	(1.000)	189997	2.00000	
12	Simazine	11.274	11.269	(0.601)	83	0.00325	0.2098(aA)
13	Diazinon	Compound Not Detected.					
14	Atrazine	11.472	11.449	(0.612)	77	0.23379	15.10(aA)
15	Propazine	11.597	11.612	(0.619)	93	0.06024	3.890
16	Disulfoton	Compound Not Detected.					
17	Demeton-S	11.992	11.989	(0.640)	60	0.11959	7.723
18	Dimethoate	Compound Not Detected.					
19	Ronnel	Compound Not Detected.					
20	Merphos-A (Merphos)	13.522	13.520	(1.229)	53	0.00077	0.04971(aA)
21	Chlorpyrifos	Compound Not Detected.					
22	Fenthion	Compound Not Detected.					

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	23 Trichloronate	14.527	14.534	(0.775)	79	0.10594	6.841
	24 Anilazine	Compound Not Detected.					
	25 Methyl Parathion	Compound Not Detected.					
	26 Malathion	15.582	15.584	(0.831)	144	0.00178	0.1152(a)
	27 Tokuthion	Compound Not Detected.					
	28 Parathion	16.417	16.382	(0.876)	77	9e-004	0.05855(a)
	29 Merphos-B (Merphos Oxone)	Compound Not Detected.					
	30 Tetrachlorvinphos (stirophos)	Compound Not Detected.					
	31 Carbophenothion methyl	Compound Not Detected.					
	32 Bolstar	Compound Not Detected.					
	33 Carbophenothion	Compound Not Detected.					
S	34 Triphenyl phosphate	18.202	18.202	(0.971)	49375	0.73775	47.64
	35 Fensulfothion	Compound Not Detected.					
A	36 TOCP	18.747	18.747	(1.000)	134150	2.00000	
	37 Phosmet / EPN	Compound Not Detected.					
	38 Famphur	Compound Not Detected.					
	39 Azinphos-methyl	Compound Not Detected.					
	40 Azinphos-ethyl	Compound Not Detected.					
	41 Coumaphos	Compound Not Detected.					
S	42 Merphos	Compound Not Detected.					
M	43 Total Demeton				60	0.11959	7.723

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 011F1101.D
Lab Smp Id: LF5T81AA
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Misc Info:

Calibration Date: 13-JUL-2009
Calibration Time: 20:24
Client Smp ID: BLANK
Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	183814	91907	367628	189997	3.36
36 TOCP	117580	58790	235160	134150	14.09

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.00	10.50	11.50	11.00	0.01
36 TOCP	18.75	18.25	19.25	18.75	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

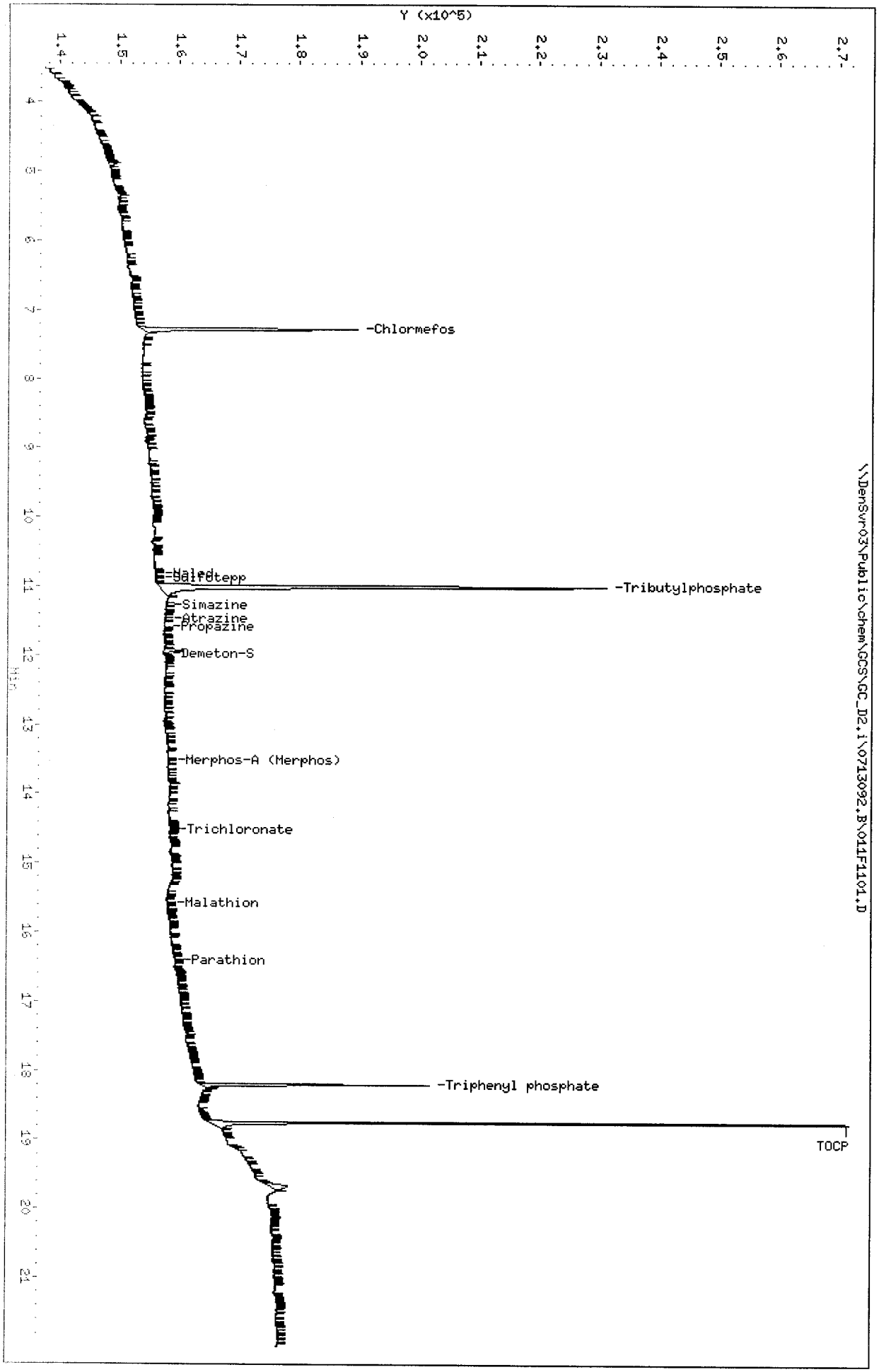
TestAmerica

RECOVERY REPORT

Client Name:
Sample Matrix: SOLID
Lab Smp Id: LF5T81AA
Level: LOW
Data Type: GC DATA
SpikeList File: fullDFCwater.spk
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Misc Info:

Client SDG: D9G070000
Fraction: SV
Client Smp ID: BLANK
Operator: MPK/TLW
SampleType: BLANK
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 3 Chlormefos	64.58	31.86	49.34*	59-112
$ 34 Triphenyl phosphat	64.58	47.64	73.77	50-150



Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\011F1101.D
Date : 13-JUL-2009 20:52
Client ID: BLANK
Sample Info: LF5T81AA,MB
Column phase: RTx-OPPest

Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\012F1201.D
Lab Smp Id: LF5T81AC Client Smp ID: LCS
Inj Date : 13-JUL-2009 21:19
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LF5T81AC,LCS
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Meth Date : 14-Jul-2009 08:48 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 12 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Ws	31.430	Weight of Sample extracted (g)
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
1	o,o,o-TEPT	3.167	3.163	(0.178)	287116	1.43310	91.19
2	Dichlorvos	4.007	4.002	(0.226)	224022	1.80069	114.6
3	Mevinphos	5.668	5.670	(0.319)	86723	1.26899	80.75
4	Chlormefos	5.745	5.745	(0.323)	129859	0.83355	53.04
5	Thionazin	7.407	7.407	(0.417)	239319	1.68325	107.1
6	Demeton-O	7.542	7.542	(0.424)	121293	0.89224	56.78
7	Ethoprop	7.753	7.753	(0.436)	211835	1.70022	108.2
8	Naled	7.952	7.952	(0.448)	23709	0.89647	57.04
9	Tributylphosphate	8.045	8.072	(1.000)	216949	2.00000	
10	Sulfotepp	8.328	8.327	(0.469)	280077	1.54720	98.45
11	Phorate	8.417	8.417	(0.474)	164414	1.27422	81.08
12	Dimethoate	8.548	8.552	(0.481)	163529	1.09099	69.42
13	Demeton-S	8.743	8.747	(0.492)	11576	0.10650	6.777
14	Simazine	8.813	8.815	(0.496)	61656	1.26538	80.52
15	Atrazine	8.982	8.983	(0.506)	85094	1.46411	93.17
16	propazine	9.125	9.127	(0.514)	83841	1.56341	99.48
17	Disulfoton	9.743	9.743	(0.548)	91975	1.03126	65.62
18	Diazinon	9.782	9.782	(0.551)	216195	1.55980	99.26
19	Methyl Parathion	10.588	10.588	(0.596)	181993	2.07041	131.7
20	Ronnel	11.108	11.108	(0.625)	160947	1.77130	112.7
21	Malathion	11.665	11.665	(0.657)	130942	1.56800	99.78
22	Fenthion	11.792	11.792	(0.664)	155974	1.74556	111.1

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	23 Parathion	11.878	11.877	(0.669)	177152	1.86287	118.5
	24 Chlorpyrifos	11.925	11.925	(0.671)	200626	1.74376	111.0
	25 Trichloronate	12.347	12.345	(0.695)	169230	1.64575	104.7
	26 Anilazine	12.665	12.663	(0.713)	20140	2.29075	145.8
	27 Merphos-A (Merphos)	13.038	13.038	(0.734)	187	0.00218	0.1387
	28 Tetrachlorvinphos (Stirophos)	13.663	13.667	(0.769)	115476	2.02522	128.9
	29 Tokuthion	14.280	14.278	(0.804)	175322	1.77860	113.2
	30 Merphos-B (Merphos Oxone)	14.487	14.490	(0.815)	171242	7.40110	471.0(A)
	31 Carbophenothion-methyl	15.060	15.058	(0.848)	142287	1.86073	118.4
	32 Fensulfothion	15.202	15.205	(0.856)	150734	1.87982	119.6
	33 Bolstar / Famphur	15.930	15.930	(0.897)	339684	3.60208	229.2
	34 Carbophenothion	16.078	16.075	(0.905)	166512	1.76006	112.0
S	35 Triphenyl phosphate	16.613	16.615	(0.935)	71197	0.99030	63.02
	36 Phosmet	16.867	16.868	(0.949)	161302	1.99196	126.8
	37 EPN	17.060	17.058	(0.960)	169648	2.19003	139.4
	38 Azinphos-methyl	17.393	17.392	(0.979)	171292	1.98513	126.3
*	39 TOCP	17.767	17.767	(1.000)	142201	2.00000	
	40 Azinphos-ethyl	17.845	17.843	(1.004)	176125	1.81175	115.3
	41 Coumaphos	18.290	18.290	(1.029)	147840	2.12426	135.2
S	42 Merphos				171429	1.58214	100.7
M	43 Total Demeton				132869	0.99874	63.55

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 012F1201.D
Lab Smp Id: LF5T81AC
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Calibration Date: 13-JUL-2009
Calibration Time: 20:24
Client Smp ID: LCS
Level: LOW
Sample Type: SOIL
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Misc Info: IS - GSV0633-09

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	214729	107365	429458	216949	1.03
39 TOCP	132142	66071	264284	142201	7.61

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.05	7.55	8.55	8.05	-0.01
39 TOCP	17.77	17.27	18.27	17.77	0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name:
Client SDG: D9G070000
Sample Matrix: SOLID
Fraction: SV
Lab Smp Id: LF5T81AC
Client Smp ID: LCS
Level: LOW
Operator: MPK/TLW
Data Type: GC DATA
SampleType: LCS
SpikeList File: fullDFCwater.spk
Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Misc Info: IS - GSV0633-09

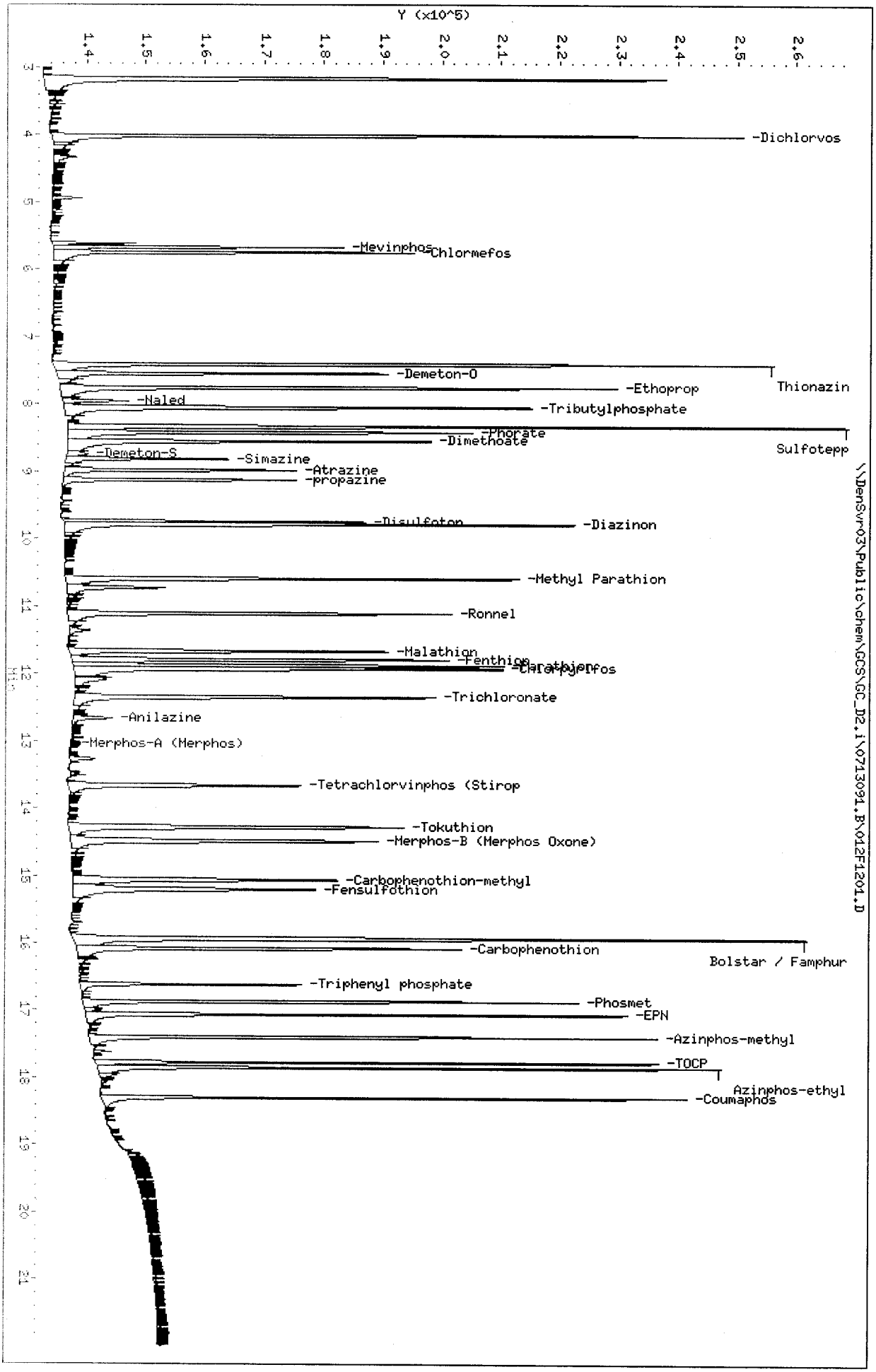
	SPIKE	COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
	1	o,o,o-TEPT	127.3	91.19	71.66	36-119
	2	Dichlorvos	127.3	114.6	90.03	50-120
	3	Mevinphos	127.3	80.75	63.45	35-108
$	4	Chlormefos	63.63	53.04	83.35	48-114
	5	Thionazin	127.3	107.1	84.16	65-116
	7	Ethoprop	127.3	108.2	85.01	65-108
	8	Naled	127.3	57.04	44.82	36-119
	10	Sulfotepp	127.3	98.45	77.36	69-103
	11	Phorate	127.3	81.08	63.71	62-104
	12	Dimethoate	127.3	69.42	54.55	28-115
	14	Simazine	127.3	80.52	63.27	47-109
	15	Atrazine	127.3	93.17	73.21	36-119
	16	propazine	127.3	99.48	78.17	36-119
	17	Disulfoton	127.3	65.62	51.56	36-119
	18	Diazinon	127.3	99.26	77.99	36-119
	19	Methyl Parathion	127.3	131.7	103.52	68-119
	20	Ronnel	127.3	112.7	88.57	62-115
	21	Malathion	127.3	99.78	78.40	67-115
	22	Fenthion	127.3	111.1	87.28	36-119
	23	Parathion	127.3	118.5	93.14	36-119
	24	Chlorpyrifos	127.3	111.0	87.19	36-119
	25	Trichloronate	127.3	104.7	82.29	36-119
	26	Anilazine	127.3	145.8	114.54	47-115
	28	Tetrachlorvinphos	127.3	128.9	101.26	36-119
	29	Tokuthion	127.3	113.2	88.93	36-119
	31	Carbophenothion-me	127.3	118.4	93.04	36-119
	32	Fensulfothion	127.3	119.6	93.99	61-115
	33	Bolstar / Famphur	254.5	229.2	90.05	36-119
	34	Carbophenothion	127.3	112.0	88.00	36-119
$	35	Triphenyl phosphat	63.63	63.02	99.03	50-150
	36	Phosmet	127.3	126.8	99.60	36-119
	37	EPN	127.3	139.4	109.50	36-119
	38	Azinphos-methyl	127.3	126.3	99.26	55-115
	40	Azinphos-ethyl	127.3	115.3	90.59	36-119
	41	Coumaphos	127.3	135.2	106.21	62-115
S	42	Merphos	127.3	100.7	79.11	36-119
M	43	Total Demeton	127.3	63.55	49.94	47-115

TestAmerica

RECOVERY REPORT

Client Name: Client SDG: D9G070000
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LF5T81AC Client Smp ID: LCS
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: LCS
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Misc Info: IS - GSV0633-09

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 4 Chlormefos	64.58	53.04	83.35	59-112
$ 35 Triphenyl phosphat	64.58	63.02	99.03	50-150



Data File: \\DenSvr03\Public\chem\GCS\GC_D2,i\0713091,B\012F1201.D
Date : 13-JUL-2009 21:19
Client ID: LCS
Sample Info: LF5T81AC,LCS
Column phase: RTx-1MS
Instrument: GC_D2,i
Operator: MPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\012F1201.D
Lab Smp Id: LF5T81AC Client Smp ID: LCS
Inj Date : 13-JUL-2009 21:19
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LF5T81AC,LCS
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Meth Date : 14-Jul-2009 08:59 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 12 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Ws	31.430	Weight of Sample extracted (g)
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	1 o,o,o-TEPT	4.649	4.647	(0.248)	227671	1.41677	90.15
	2 Dichlorvos	6.454	6.452	(0.344)	239795	1.91105	121.6
S	3 Chlormefos	7.280	7.280	(0.388)	95203	0.75370	47.96
	4 Mevinphos	9.120	9.120	(0.487)	114561	1.35536	86.25
	5 Demeton-O	9.610	9.610	(0.513)	88652	1.10068	70.04
	6 Thionazin	9.860	9.860	(0.526)	200859	1.58907	101.1
	7 Ethoprop	10.375	10.377	(0.553)	173243	1.83425	116.7
	8 Phorate	10.404	10.404	(0.555)	120024	1.09585	69.73
	9 Naled	10.810	10.809	(0.577)	17673	0.84839	53.99
	10 Sulfotepp	10.887	10.885	(0.581)	252668	1.52956	97.33(A)
*	11 Tributylphosphate	11.002	11.010	(1.000)	215471	2.00000	
	12 Simazine	11.269	11.269	(0.601)	47249	1.99707	127.1(A)
	13 Diazinon	11.407	11.407	(0.608)	151965	1.72270	109.6
	14 Atrazine	11.449	11.449	(0.611)	61998	1.42917	90.94(A)
	15 Propazine	11.610	11.612	(0.619)	58606	1.44461	91.92
	16 Disulfoton	11.904	11.904	(0.635)	91273	1.04772	66.67(R)
	17 Demeton-S	11.982	11.989	(0.639)	314	0.12194	7.760(R)
	18 Dimethoate	13.122	13.122	(0.700)	120847	1.03503	65.86
	19 Ronnel	13.425	13.424	(0.716)	145328	1.84922	117.7
	20 Merphos-A (Merphos)	13.562	13.520	(1.233)	318	0.00407	0.2592(aA)
	21 Chlorpyrifos	14.240	14.239	(0.760)	139097	1.74501	111.0
	22 Fenthion	14.492	14.490	(0.773)	131287	1.77578	113.0

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	23 Trichloronate	14.534	14.534	(0.775)	159725	1.58416	100.8
	24 Anilazine	15.040	15.039	(0.802)	13888	2.03519	129.5
	25 Methyl Parathion	15.359	15.359	(0.819)	162497	2.03588	129.5(A)
	26 Malathion	15.585	15.584	(0.831)	103775	1.38787	88.32
	27 Tokuthion	16.230	16.229	(0.866)	144153	1.64658	104.8
	28 Parathion	16.382	16.382	(0.874)	151277	1.92343	122.4
	29 Merphos-B (Merphos Oxone)	16.415	16.407	(1.492)	153747	6.48546	412.7(A)
	30 Tetrachlorvinphos (stirophos)	16.882	16.882	(0.901)	102016	2.00516	127.6
	31 Carbophenothion methyl	16.984	16.984	(0.906)	120375	1.65071	105.0
	32 Bolstar	17.354	17.352	(0.926)	139728	1.81904	115.8
	33 Carbophenothion	17.434	17.434	(0.930)	142169	1.88221	119.8(A)
$	34 Triphenyl phosphate	18.202	18.202	(0.971)	62386	1.00652	64.05
	35 Fensulfothion	18.484	18.484	(0.986)	109375	1.92186	122.3
*	36 TOCP	18.747	18.747	(1.000)	124239	2.00000	
	37 Phosmet / EPN	18.837	18.839	(1.005)	266321	4.17991	266.0
	38 Famphur	18.940	18.942	(1.010)	144529	1.77365	112.9
	39 Azinphos-methyl	19.074	19.079	(1.017)	142093	1.90620	121.3
	40 Azinphos-ethyl	19.289	19.294	(1.029)	124143	1.74864	111.3
	41 Coumaphos	20.242	20.247	(1.080)	116618	2.13645	135.9
S	42 Merphos				154065	1.48795	94.68
M	43 Total Demeton				88966	1.22262	77.80

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 012F1201.D
Lab Smp Id: LF5T81AC
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Misc Info:

Calibration Date: 13-JUL-2009
Calibration Time: 20:24
Client Smp ID: LCS
Level: LOW
Sample Type: SOIL

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
11 Tributylphosphate	183814	91907	367628	215471	17.22
36 TOCP	117580	58790	235160	124239	5.66

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.00	10.50	11.50	11.00	-0.01
36 TOCP	18.75	18.25	19.25	18.75	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name:
Sample Matrix: SOLID
Lab Smp Id: LF5T81AC
Level: LOW
Data Type: GC DATA
SpikeList File: fullDFCwater.spk
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Misc Info:

Client SDG: D9G070000
Fraction: SV
Client Smp ID: LCS
Operator: MPK/TLW
SampleType: LCS
Quant Type: ISTD

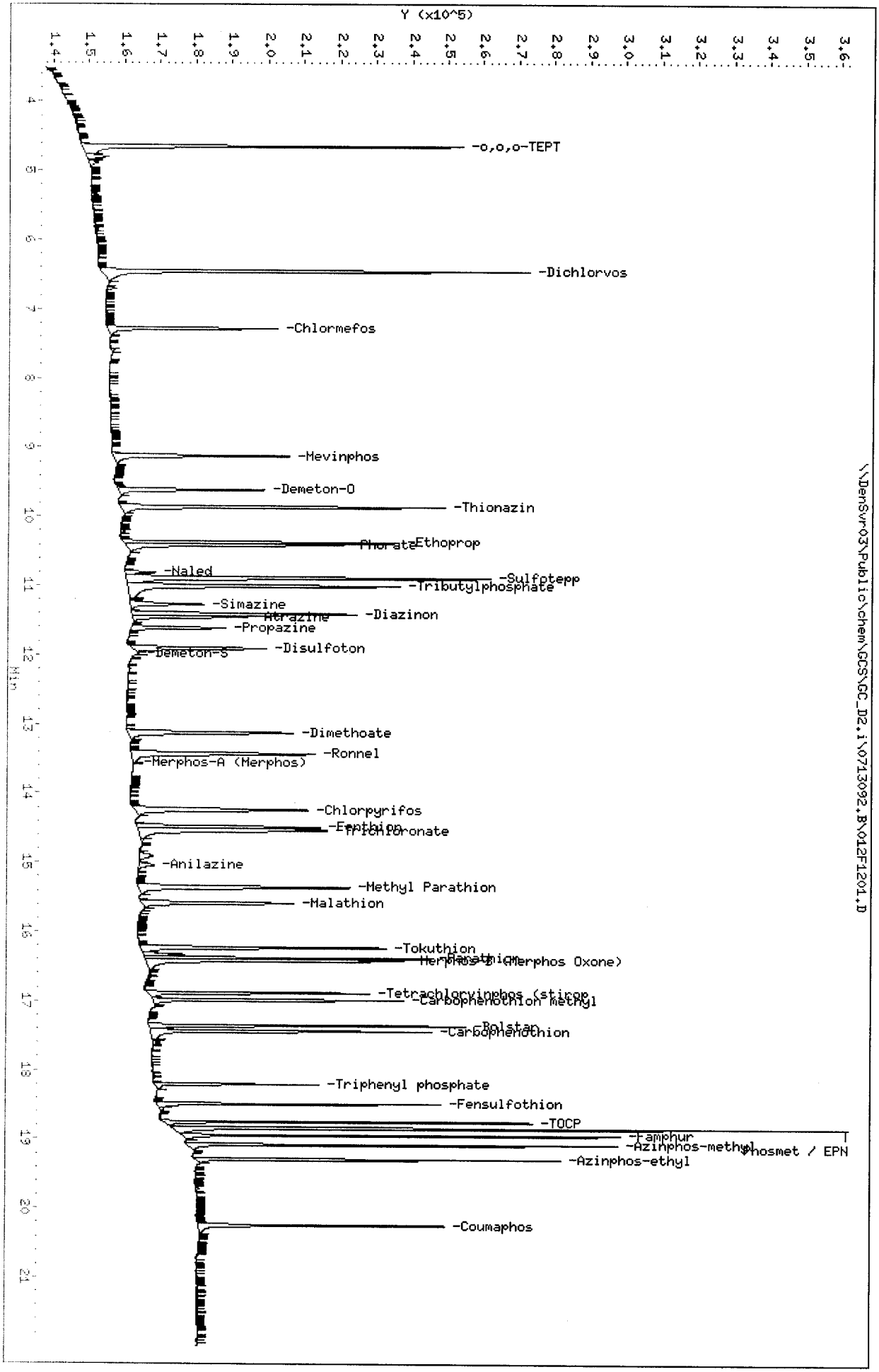
	SPIKE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
	1 o,o,o-TEPT	127.3	90.15	70.84	36-119
	2 Dichlorvos	127.3	121.6	95.55	50-120
$	3 Chlormefos	63.63	47.96	75.37	58-114
	4 Mevinphos	127.3	86.25	67.77	35-108
	5 Demeton-O	89.09	70.04	78.62	36-119
	6 Thionazin	127.3	101.1	79.45	65-116
	7 Ethoprop	127.3	116.7	91.71	36-119
	8 Phorate	127.3	69.73	54.79	36-119
	9 Naled	127.3	53.99	42.42	36-119
	10 Sulfotepp	127.3	97.33	76.48	36-119
	12 Simazine	127.3	127.1	99.85	36-119
	13 Diazinon	127.3	109.6	86.14	36-119
	14 Atrazine	127.3	90.94	71.46	36-119
	15 Propazine	127.3	91.92	72.23	36-119
	16 Disulfoton	127.3	66.67	52.39*	61-103
	17 Demeton-S	38.18	7.760	20.32*	36-119
	18 Dimethoate	127.3	65.86	51.75	28-82
	19 Ronnel	127.3	117.7	92.46	62-99
	21 Chlorpyrifos	127.3	111.0	87.25	66-101
	22 Fenthion	127.3	113.0	88.79	36-119
	23 Trichloronate	127.3	100.8	79.21	36-119
	24 Anilazine	127.3	129.5	101.76	36-119
	25 Methyl Parathion	127.3	129.5	101.79	36-119
	26 Malathion	127.3	88.32	69.39	36-119
	27 Tokuthion	127.3	104.8	82.33	36-119
	28 Parathion	127.3	122.4	96.17	36-119
	30 Tetrachlorvinphos	127.3	127.6	100.26	36-119
	31 Carbophenothion me	127.3	105.0	82.54	36-119
	32 Bolstar	127.3	115.8	90.95	36-119
	33 Carbophenothion	127.3	119.8	94.11	36-119
$	34 Triphenyl phosphat	63.63	64.05	100.65	36-119
	35 Fensulfothion	127.3	122.3	96.09	20-105
	37 Phosmet / EPN	254.5	266.0	104.50	36-119
	38 Famphur	127.3	112.9	88.68	61-108
	39 Azinphos-methyl	127.3	121.3	95.31	55-103
	40 Azinphos-ethyl	127.3	111.3	87.43	36-119
	41 Coumaphos	127.3	135.9	106.82	36-119
S	42 Merphos	127.3	94.68	74.40	36-119
M	43 Total Demeton	127.3	77.80	61.13	47-100

TestAmerica

RECOVERY REPORT

Client Name:
Client SDG: D9G070000
Sample Matrix: SOLID
Fraction: SV
Lab Smp Id: LF5T81AC
Client Smp ID: LCS
Level: LOW
Operator: MPK/TLW
Data Type: GC DATA
SampleType: LCS
SpikeList File: fullDFCwater.spk
Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 3 Chlormefos	64.58	47.96	75.37	59-112
$ 34 Triphenyl phosphat	64.58	64.05	100.65	50-150


Y (x10^5)
Min
-o,o,o-TEPT
-Dichlorvos
-Chlormefos
-Mevinphos
-Demeton-O
-Thionazin
Phorate
Ethoprop
-Naled
-Sulfotepp
-Tributylphosphate
-Simazine
Atrazine
-Diazinon
-Propazine
Demeton-S
-Disulfoton
-Dimethoate
-Ronnel
-Merphos-A (Merphos)
-Chlorpyrifos
-Trichloronate
-Anilazine
-Methyl Parathion
-Malathion
-Tokuthion
-Merphos-B (Merphos Oxone)
-Tetrachlorvinphos (stirop
-Carbophenothion methyl
-Bolstar
-Carbophenothion
-Triphenyl phosphate
-Fensulfothion
-TOCP
-Famphur
-Azinphos-methyl
-Azinphos-ethyl
-Coumaphos
\\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\012F1201.D
Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\012F1201.D
Date : 13-JUL-2009 21:19
Client ID: LCS
Sample Info: LF5T81AC,LCS
Column phase: RTx-OPPest
Instrument: GC_D2.i
Operator: HPK/TLW
Column diameter: 0.32
Page 6

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\016F1601.D
Lab Smp Id: LF1XG1AA Client Smp ID: SA82-0.5B
Inj Date : 13-JUL-2009 23:08
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LF1XG1AA,235-1
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Meth Date : 14-Jul-2009 08:48 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 16
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Ws	29.940	Weight of Sample extracted (g)
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
1	o,o,o-TEPT	Compound Not Detected.					
2	Dichlorvos	Compound Not Detected.					
3	Mevinphos	Compound Not Detected.					
4	Chlormefos	5.746	5.745	(0.323)	96404	0.59849	39.98
5	Thionazin	Compound Not Detected.					
6	Demeton-O	Compound Not Detected.					
7	Ethoprop	Compound Not Detected.					
8	Naled	7.946	7.952	(0.447)	54	0.19420	12.97
* 9	Tributylphosphate	8.026	8.072	(1.000)	215969	2.00000	
10	Sulfotepp	Compound Not Detected.					
11	Phorate	Compound Not Detected.					
12	Dimethoate	Compound Not Detected.					
13	Demeton-S	8.733	8.747	(0.492)	8950	0.07964	5.320 NC
14	Simazine	8.831	8.815	(0.497)	242	0.08426	5.628
15	Atrazine	Compound Not Detected.					
16	propazine	Compound Not Detected.					
17	Disulfoton	Compound Not Detected.					
18	Diazinon	Compound Not Detected.					
19	Methyl Parathion	Compound Not Detected.					
20	Ronnel	Compound Not Detected.					
21	Malathion	Compound Not Detected.					
22	Fenthion	Compound Not Detected.					

						CONCENTRATIONS	
						ON-COLUMN	FINAL
	Compounds	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/Kg)
	23 Parathion	Compound Not Detected.					
	24 Chlorpyrifos	11.925	11.925	(0.671)	210	0.00177	0.1179
	25 Trichloronate	Compound Not Detected.					
	26 Anilazine	Compound Not Detected.					
	27 Merphos-A (Merphos)	13.016	13.038	(0.733)	54	6e-004	0.04066
	28 Tetrachlorvinphos (Stirophos)	13.665	13.667	(0.769)	55	9e-004	0.06232
	29 Tokuthion	Compound Not Detected.					
	30 Merphos-B (Merphos Oxone)	14.493	14.490	(0.816)	416	0.03823	2.554
	31 Carbophenothion-methyl	Compound Not Detected.					
	32 Fensulfothion	15.185	15.205	(0.855)	313	0.09814	6.556
	33 Bolstar / Famphur	Compound Not Detected.					
	34 Carbophenothion	Compound Not Detected.					
$	35 Triphenyl phosphate	16.615	16.615	(0.935)	68963	0.92773	61.97
	36 Phosmet	Compound Not Detected.					
	37 EPN	Compound Not Detected.					
	38 Azinphos-methyl	Compound Not Detected.					
*	39 TOCP	17.768	17.767	(1.000)	147028	2.00000	
	40 Azinphos-ethyl	Compound Not Detected.					
	41 Coumaphos	Compound Not Detected.					
$	42 Merphos				470	0.00420	0.2802
M	43 Total Demeton				8950	0.07964	5.320

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 016F1601.D
Lab Smp Id: LF1XG1AA
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Calibration Date: 13-JUL-2009
Calibration Time: 20:24
Client Smp ID: SA82-0.5B
Level: LOW
Sample Type: SOIL
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Misc Info: IS - GSV0633-09

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	214729	107365	429458	215969	0.58
39 TOCP	132142	66071	264284	147028	11.27

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.05	7.55	8.55	8.03	-0.24
39 TOCP	17.77	17.27	18.27	17.77	0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name: Northgate Environmen02-JUL-2009 00:00 Client SDG: 8304610
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LF1XG1AA Client Smp ID: SA82-0.5B
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: SAMPLE
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Misc Info: IS - GSV0633-09

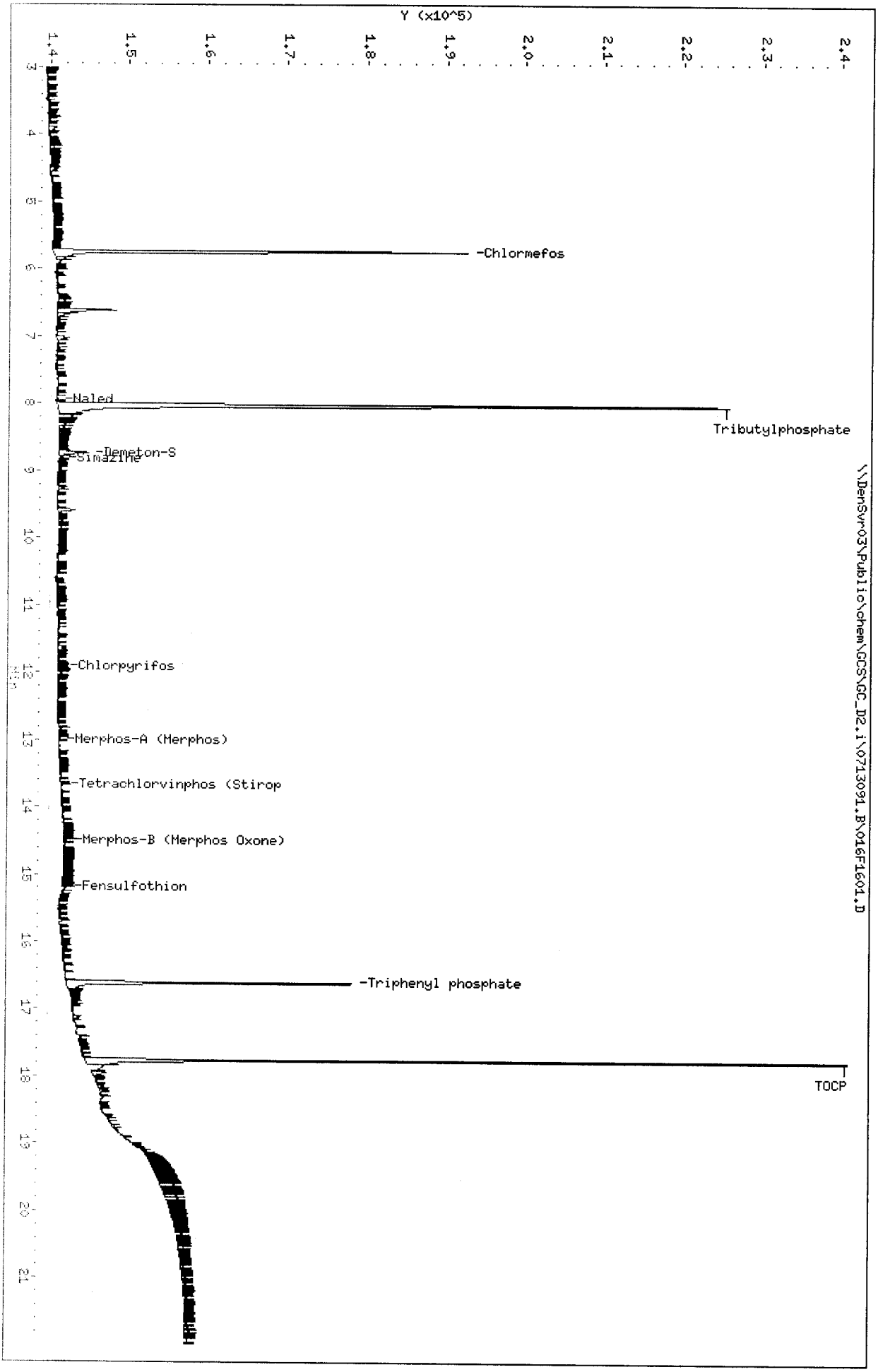
SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 4 Chlormefos	66.80	39.98	59.85	59-112
$ 35 Triphenyl phosphat	66.80	61.97	92.77	50-150

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\016F1601.D
Date : 13-JUL-2009 23:08
Client ID: SA82-0.5B
Sample Info: LF1XG1AA,235-1

Column phase: RTx-1MS

Instrument: GC_D2.i

Operator: MPK/TLW
Column diameter: 0.32



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\016F1601.D
Lab Smp Id: LF1XG1AA Client Smp ID: SA82-0.5B
Inj Date : 13-JUL-2009 23:08
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LF1XG1AA,235-1
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Meth Date : 14-Jul-2009 08:59 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 16
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Ws	29.940	Weight of Sample extracted (g)
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
1	o,o,o-TEPT	Compound Not Detected.					
2	Dichlorvos	Compound Not Detected.					
$ 3	Chlormefos	7.282	7.280	(0.388)	82078	0.59449	39.71
4	Mevinphos	Compound Not Detected.					
5	Demeton-O	Compound Not Detected.					
6	Thionazin	Compound Not Detected.					
7	Ethoprop	Compound Not Detected.					
8	Phorate	Compound Not Detected.					
9	Naled	10.800	10.809	(0.576)	57	0.27044	18.06
10	Sulfotepp	10.862	10.885	(0.579)	91	5.e-004	0.03367(aA)
* 11	Tributylphosphate	10.997	11.010	(1.000)	182014	2.00000	
12	Simazine	11.263	11.269	(0.601)	61	0.00236	0.1576(aA)
13	Diazinon	Compound Not Detected.					
14	Atrazine	11.448	11.449	(0.611)	57	0.23342	15.59(aA)
15	Propazine	11.605	11.612	(0.619)	50	0.05929	3.960
16	Disulfoton	Compound Not Detected.					
17	Demeton-S	12.008	11.989	(0.641)	735	0.12521	8.364
18	Dimethoate	Compound Not Detected.					
19	Ronnel	Compound Not Detected.					
20	Merphos-A (Merphos)	13.515	13.520	(1.229)	76	0.00115	0.07697(aA)
21	Chlorpyrifos	Compound Not Detected.					
22	Fenthion	Compound Not Detected.					

NOT a peak

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
23	Trichloronate	14.575	14.534	(0.777)	50	0.10568	7.060
24	Anilazine	Compound Not Detected.					
25	Methyl Parathion	Compound Not Detected.					
26	Malathion	15.580	15.584	(0.831)	126	0.00154	0.1030(a)
27	Tokuthion	Compound Not Detected.					
28	Parathion	16.375	16.382	(0.873)	59	7e-004	0.04585(a)
29	Merphos-B (Merphos Oxone)	Compound Not Detected.					
30	Tetrachlorvinphos (stirophos)	Compound Not Detected.					
31	Carbophenothion methyl	Compound Not Detected.					
32	Bolstar	Compound Not Detected.					
33	Carbophenothion	Compound Not Detected.					
S 34	Triphenyl phosphate	18.203	18.202	(0.971)	62119	0.91692	61.25
35	Fensulfothion	Compound Not Detected.					
* 36	TOCP	18.748	18.747	(1.000)	135795	2.00000	
37	Phosmet / EPN	Compound Not Detected.					
38	Famphur	Compound Not Detected.					
39	Azinphos-methyl	Compound Not Detected.					
40	Azinphos-ethyl	Compound Not Detected.					
41	Coumaphos	Compound Not Detected.					
S 42	Merphos	Compound Not Detected.					
43	Total Demeton				735	0.12521	8.364

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 016F1601.D
Lab Smp Id: LF1XG1AA
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Misc Info:

Calibration Date: 13-JUL-2009
Calibration Time: 20:24
Client Smp ID: SA82-0.5B
Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	183814	91907	367628	182014	-0.98
36 TOCP	117580	58790	235160	135795	15.49

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.00	10.50	11.50	11.00	-0.05
36 TOCP	18.75	18.25	19.25	18.75	0.01

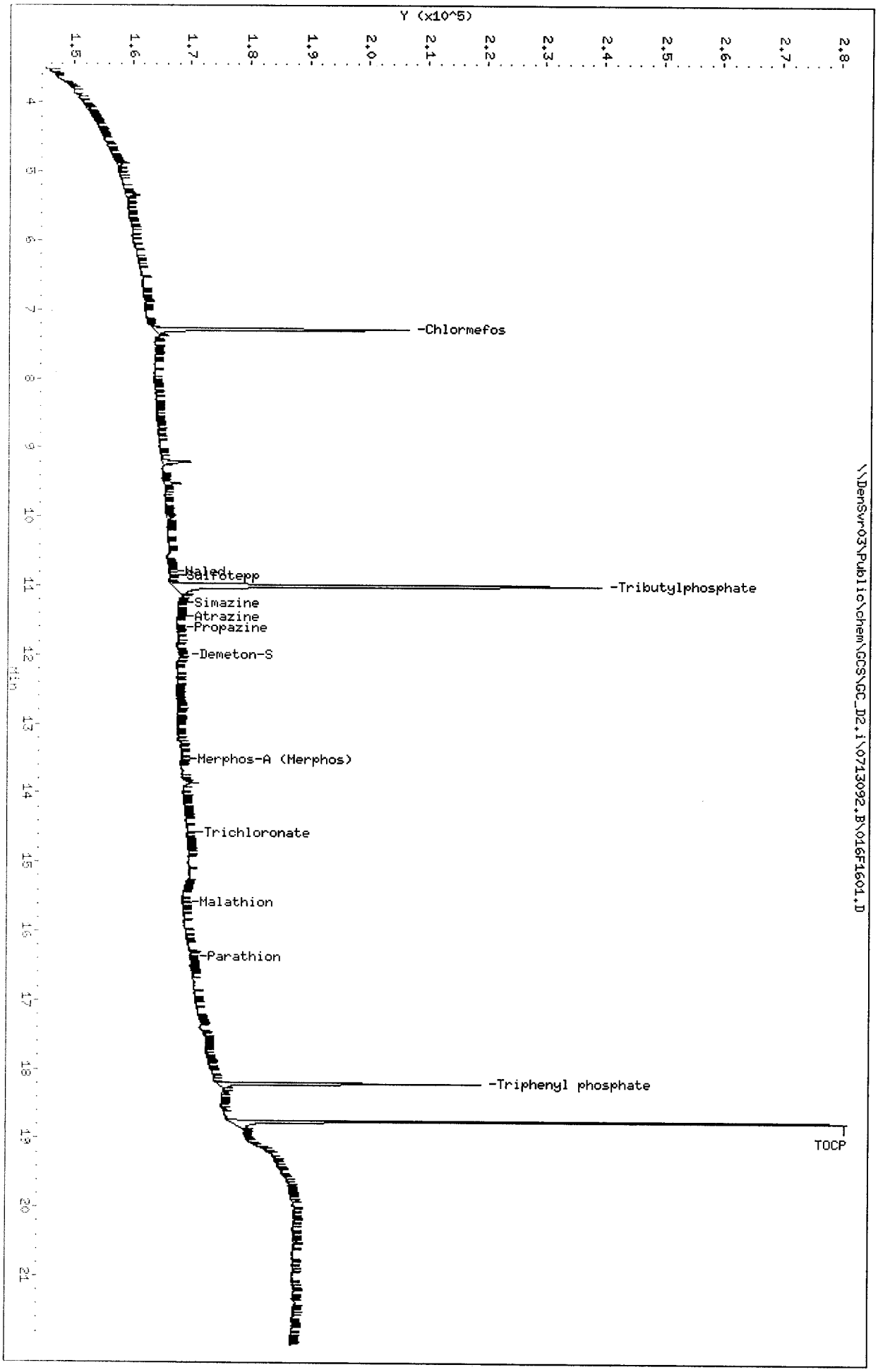
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name: Northgate Environmen02-JUL-2009 00:00 Client SDG: 8304610
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LF1XG1AA Client Smp ID: SA82-0.5B
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: SAMPLE
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 3 Chlormefos	66.80	39.71	59.45	59-112
$ 34 Triphenyl phosphat	66.80	61.25	91.69	50-150



Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\016F1601.D
Date : 13-JUL-2009 23:08
Client ID: SA82-0.5B
Sample Info: LF1XG1AA,235-1
Column phase: RTx-OPPest

Instrument: GC_D2.i
Operator: HPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\017F1701.D
Lab Smp Id: LF1XG1AC Client Smp ID: SA82-0.5B MS
Inj Date : 13-JUL-2009 23:35
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LF1XG1AC,235-1S
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Meth Date : 14-Jul-2009 08:48 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 17 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Ws	30.110	Weight of Sample extracted (g)
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
1	o,o,o-TEPT	3.168	3.163	(0.178)	160674	0.77370	51.39
2	Dichlorvos	4.008	4.002	(0.226)	93282	0.72336	48.05(R)
3	Mevinphos	5.668	5.670	(0.319)	17145	0.24203	16.08(R)
4	Chlormefos	5.746	5.745	(0.323)	67519	0.41811	27.77(RR)
5	Thionazin	7.408	7.407	(0.417)	139032	0.94340	62.66(R)
6	Demeton-O	7.543	7.542	(0.425)	93734	0.65864	43.75
7	Ethoprop	7.751	7.753	(0.436)	131356	1.01710	67.56(R)
8	Naled	7.951	7.952	(0.448)	9491	0.46446	30.85(R)
* 9	Tributylphosphate	8.024	8.072	(1.000)	225739	2.00000	
10	Sulfotepp	8.329	8.327	(0.469)	176516	0.91353	60.68(R)
11	Phorate	8.418	8.417	(0.474)	105344	0.78764	52.32(R)
12	Dimethoate	8.553	8.552	(0.481)	23942	0.15410	10.24(R)
13	Demeton-S	8.734	8.747	(0.492)	11481	0.10191	6.769
14	Simazine	8.816	8.815	(0.496)	33522	0.70164	46.60(R)
15	Atrazine	8.984	8.983	(0.506)	47023	0.78054	51.84
16	propazine	9.129	9.127	(0.514)	48433	0.87130	57.87
17	Disulfoton	9.746	9.743	(0.549)	79929	0.85836	57.02
18	Diazinon	9.783	9.782	(0.551)	136618	0.95091	63.16
19	Methyl Parathion	10.591	10.588	(0.596)	113505	1.24573	82.74(R)
20	Ronnel	11.109	11.108	(0.625)	100015	1.06190	70.53(R)
21	Malathion	11.666	11.665	(0.657)	84444	0.95992	63.76(R)
22	Fenthion	11.793	11.792	(0.664)	100303	1.08294	71.93

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	23 Parathion	11.879	11.877	(0.669)	112579	1.14209	75.86
	24 Chlorpyrifos	11.928	11.925	(0.671)	128231	1.07523	71.42
	25 Trichloronate	12.349	12.345	(0.695)	105310	0.98802	65.63
	26 Anilazine	12.669	12.663	(0.713)	9128	1.11083	73.78
	27 Merphos-A (Merphos)	13.029	13.038	(0.733)	143	0.00161	0.1068
	28 Tetrachlorvinphos (Stirophos)	13.664	13.667	(0.769)	69023	1.16783	77.57
	29 Tokuthion	14.283	14.278	(0.804)	111881	1.09498	72.73
	30 Merphos-B (Merphos Oxone)	14.484	14.490	(0.815)	109497	4.57359	303.8
	31 Carbophenothion-methyl	15.063	15.058	(0.848)	93621	1.15667	76.83
	32 Fensulfothion	15.204	15.205	(0.856)	68308	0.87505	58.12(R)
	33 Bolstar / Famphur	15.931	15.930	(0.897)	204793	2.09509	139.2
	34 Carbophenothion	16.081	16.075	(0.905)	103268	1.05307	69.95
S	35 Triphenyl phosphate	16.616	16.615	(0.935)	43731	0.58682	38.98
	36 Phosmet	16.869	16.868	(0.949)	99706	1.18788	78.90
	37 EPN	17.061	17.058	(0.960)	106061	1.34038	89.03
	38 Azinphos-methyl	17.396	17.392	(0.979)	102525	1.14628	76.14
*	39 TOCP	17.768	17.767	(1.000)	147399	2.00000	
	40 Azinphos-ethyl	17.846	17.843	(1.004)	117582	1.11413	74.00
	41 Coumaphos	18.293	18.290	(1.030)	92356	1.28023	85.04
S	42 Merphos				109640	0.97620	64.84
M	43 Total Demeton				105215	0.76054	50.52(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 017F1701.D
Lab Smp Id: LF1XG1AC
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Calibration Date: 13-JUL-2009
Calibration Time: 20:24
Client Smp ID: SA82-0.5B MS
Level: LOW
Sample Type: SOIL
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Misc Info: IS - GSV0633-09

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	214729	107365	429458	225739	5.13
39 TOCP	132142	66071	264284	147399	11.55

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.05	7.55	8.55	8.02	-0.26
39 TOCP	17.77	17.27	18.27	17.77	0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name: Northgate Environmen02-JUL-2009 00:00 Client SDG: 8304610
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LF1XG1AC Client Smp ID: SA82-0.5B MS
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: MS
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Misc Info: IS - GSV0633-09

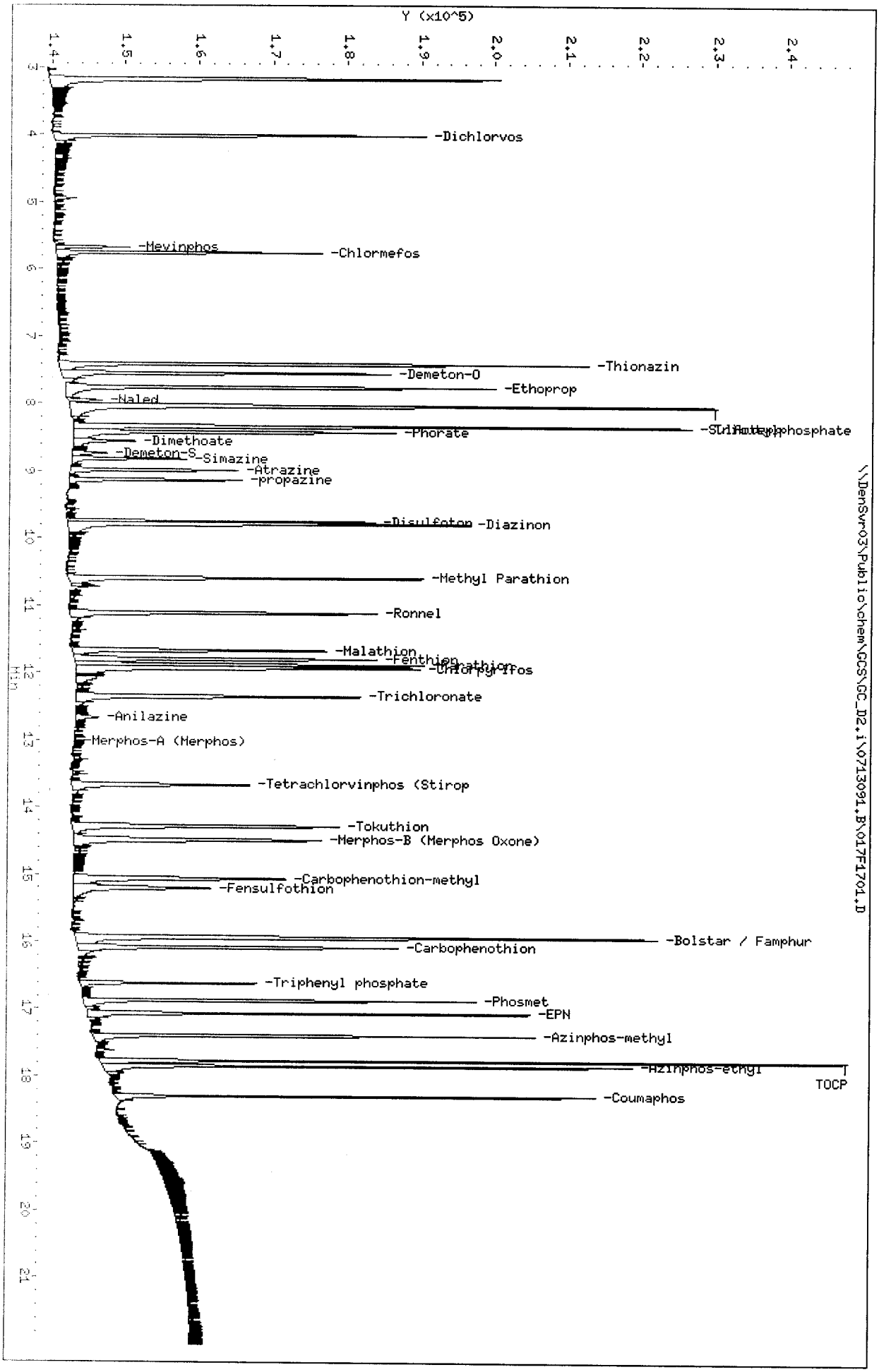
	SPIKE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
	1 o,o,o-TEPT	132.8	51.39	38.69	36-119
	2 Dichlorvos	132.8	48.05	36.17*	50-120
	3 Mevinphos	132.8	16.08	12.10*	35-108
$	4 Chlormefos	66.42	27.77	41.81*	48-114
	5 Thionazin	132.8	62.66	47.17*	65-116
	7 Ethoprop	132.8	67.56	50.86*	65-108
	8 Naled	132.8	30.85	23.22*	36-119
	10 Sulfotepp	132.8	60.68	45.68*	69-103
	11 Phorate	132.8	52.32	39.38*	62-104
	12 Dimethoate	132.8	10.24	7.70*	28-115
	14 Simazine	132.8	46.60	35.08*	47-109
	15 Atrazine	132.8	51.84	39.03	36-119
	16 propazine	132.8	57.87	43.56	36-119
	17 Disulfoton	132.8	57.02	42.92	36-119
	18 Diazinon	132.8	63.16	47.55	36-119
	19 Methyl Parathion	132.8	82.74	62.29*	68-119
	20 Ronnel	132.8	70.53	53.09*	62-115
	21 Malathion	132.8	63.76	48.00*	67-115
	22 Fenthion	132.8	71.93	54.15	36-119
	23 Parathion	132.8	75.86	57.10	36-119
	24 Chlorpyrifos	132.8	71.42	53.76	36-119
	25 Trichloronate	132.8	65.63	49.40	36-119
	26 Anilazine	132.8	73.78	55.54	47-115
	28 Tetrachlorvinphos	132.8	77.57	58.39	36-119
	29 Tokuthion	132.8	72.73	54.75	36-119
	31 Carbophenothion-me	132.8	76.83	57.83	36-119
	32 Fensulfothion	132.8	58.12	43.75*	61-115
	33 Bolstar / Famphur	265.7	139.2	52.38	36-119
	34 Carbophenothion	132.8	69.95	52.65	36-119
$	35 Triphenyl phosphat	66.42	38.98	58.68	50-150
	36 Phosmet	132.8	78.90	59.39	36-119
	37 EPN	132.8	89.03	67.02	36-119
	38 Azinphos-methyl	132.8	76.14	57.31	55-115
	40 Azinphos-ethyl	132.8	74.00	55.71	36-119
	41 Coumaphos	132.8	85.04	64.01	62-115
S	42 Merphos	132.8	64.84	48.81	36-119
M	43 Total Demeton	132.8	50.52	38.03*	47-115

TestAmerica

RECOVERY REPORT

Client Name: Northgate Environmen02-JUL-2009 00:00 Client SDG: 8304610
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LF1XG1AC Client Smp ID: SA82-0.5B MS
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: MS
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Misc Info: IS - GSV0633-09

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 4 Chlormefos	66.80	27.77	41.81*	59-112
$ 35 Triphenyl phosphat	66.80	38.98	58.68	50-150



Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\017F1701.D
Date : 13-JUL-2009 23:35
Client ID: SA82-0.5B MS
Sample Info: LF1XG1AC.235-1S
Column phase: RTx-1MS
Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\017F1701.D
Lab Smp Id: LF1XG1AC Client Smp ID: SA82-0.5B MS
Inj Date : 13-JUL-2009 23:35
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LF1XG1AC,235-1S
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Meth Date : 14-Jul-2009 08:59 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 17 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Ws	30.110	Weight of Sample extracted (g)
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	1 o,o,o-TEPT	4.648	4.647	(0.248)	126753	0.74107	49.22
	2 Dichlorvos	6.455	6.452	(0.344)	106269	0.79570	52.85(R)
$	3 Chlormefos	7.281	7.280	(0.388)	58558	0.43556	28.93(RR)
	4 Mevinphos	9.123	9.120	(0.487)	20305	0.22570	14.99(R)
	5 Demeton-O	9.613	9.610	(0.513)	76199	0.88886	59.04
	6 Thionazin	9.861	9.860	(0.526)	122823	0.91294	60.64(R)
	7 Ethoprop	10.376	10.377	(0.553)	104495	1.03947	69.04
	8 Phorate	10.406	10.404	(0.555)	81370	0.69800	46.36(R)
	9 Naled	10.810	10.809	(0.577)	5596	0.44118	29.30(R)
	10 Sulfotepp	10.888	10.885	(0.581)	152977	0.87007	57.79(A)
*	11 Tributylphosphate	10.996	11.010	(1.000)	189763	2.00000	
	12 Simazine	11.268	11.269	(0.601)	24275	0.96399	64.03(A)
	13 Diazinon	11.408	11.407	(0.609)	98602	1.06155	70.51
	14 Atrazine	11.451	11.449	(0.611)	37165	0.90643	60.21(A)
	15 Propazine	11.613	11.612	(0.619)	36237	0.86360	57.36
	16 Disulfoton	11.906	11.904	(0.635)	74635	0.80493	53.46(R)
	17 Demeton-S	11.983	11.989	(0.639)	70	0.11968	7.950(R)
	18 Dimethoate	13.126	13.122	(0.700)	14652	0.11790	7.832(R)
	19 Ronnel	13.428	13.424	(0.716)	93479	1.11754	74.23(R)
	20 Merphos-A (Merphos)	13.541	13.520	(1.231)	433	0.00630	0.4183(aA)
	21 Chlorpyrifos	14.243	14.239	(0.760)	92498	1.09025	72.42(R)
	22 Fenthion	14.495	14.490	(0.773)	85645	1.08838	72.29

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	23 Trichloronate	14.538	14.534	(0.775)	102186	0.99419	66.04
	24 Anilazine	15.043	15.039	(0.802)	7225	0.99416	66.03
	25 Methyl Parathion	15.360	15.359	(0.819)	103974	1.22389	81.29
	26 Malathion	15.586	15.584	(0.831)	69446	0.87260	57.96
	27 Tokuthion	16.231	16.229	(0.866)	91946	0.98674	65.54
	28 Parathion	16.383	16.382	(0.874)	93985	1.12273	74.57
	29 Merphos-B (Merphos Oxone)	16.416	16.407	(1.493)	91249	4.33688	288.1(A)
	30 Tetrachlorvinphos (stirophos)	16.883	16.882	(0.901)	64594	1.19284	79.23
	31 Carbophenothion methyl	16.986	16.984	(0.906)	83904	1.08101	71.80
	32 Bolstar	17.355	17.352	(0.926)	90715	1.10956	73.70
	33 Carbophenothion	17.435	17.434	(0.930)	84467	1.05066	69.79(A)
S	34 Triphenyl phosphate	18.205	18.202	(0.971)	40508	0.61403	40.78
	35 Fensulfothion	18.485	18.484	(0.986)	48556	0.80160	53.24
	36 TOCP	18.748	18.747	(1.000)	132235	2.00000	
	37 Phosmet / EPN	18.838	18.839	(1.005)	174166	2.53538	168.4
	38 Famphur	18.941	18.942	(1.010)	83221	0.95953	63.73(R)
	39 Azinphos-methyl	19.075	19.079	(1.017)	85995	1.08388	71.99(R)
	40 Azinphos-ethyl	19.288	19.294	(1.029)	83164	1.10059	73.10
	41 Coumaphos	20.241	20.247	(1.080)	72551	1.24877	82.95
S	42 Merphos				91682	0.83192	55.26
M	43 Total Demeton				76269	1.00854	66.99

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 017F1701.D
Lab Smp Id: LF1XG1AC
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Misc Info:

Calibration Date: 13-JUL-2009
Calibration Time: 20:24
Client Smp ID: SA82-0.5B MS
Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	183814	91907	367628	189763	3.24
36 TOCP	117580	58790	235160	132235	12.46

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.00	10.50	11.50	11.00	-0.06
36 TOCP	18.75	18.25	19.25	18.75	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name: Northgate Environmen02-JUL-2009 00:00 Client SDG: 8304610
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LF1XG1AC Client Smp ID: SA82-0.5B MS
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: MS
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Misc Info:

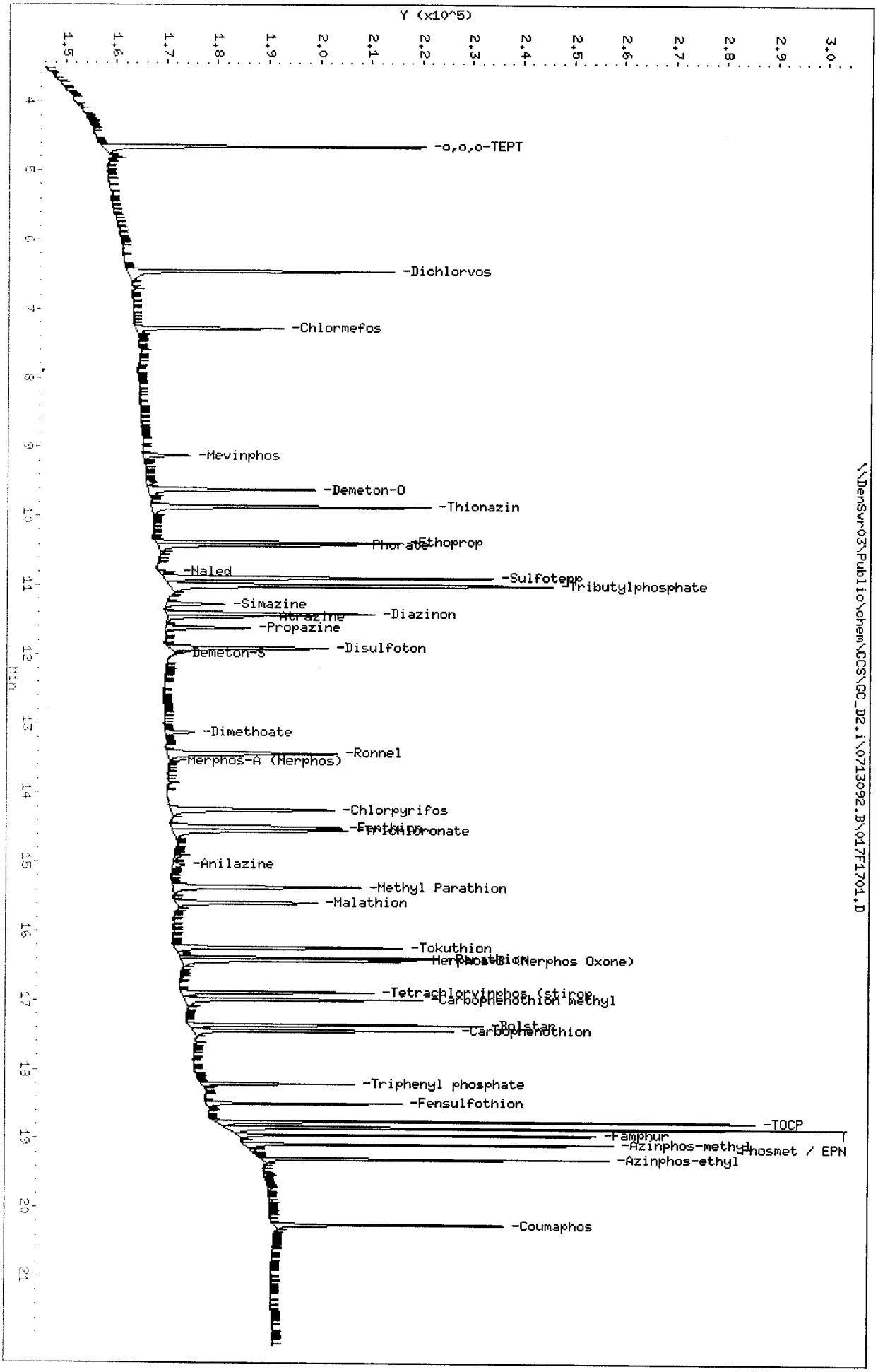
	SPIKE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
	1 o,o,o-TEPT	132.8	49.22	37.05	36-119
	2 Dichlorvos	132.8	52.85	39.79*	50-120
$	3 Chlormefos	66.42	28.93	43.56*	58-114
	4 Mevinphos	132.8	14.99	11.29*	35-108
	5 Demeton-O	92.99	59.04	63.49	36-119
	6 Thionazin	132.8	60.64	45.65*	65-116
	7 Ethoprop	132.8	69.04	51.97	36-119
	8 Phorate	132.8	46.36	34.90*	36-119
	9 Naled	132.8	29.30	22.06*	36-119
	10 Sulfotepp	132.8	57.79	43.50	36-119
	12 Simazine	132.8	64.03	48.20	36-119
	13 Diazinon	132.8	70.51	53.08	36-119
	14 Atrazine	132.8	60.21	45.32	36-119
	15 Propazine	132.8	57.36	43.18	36-119
	16 Disulfoton	132.8	53.46	40.25*	61-103
	17 Demeton-S	39.85	7.950	19.95*	36-119
	18 Dimethoate	132.8	7.832	5.90*	28-82
	19 Ronnel	132.8	74.23	55.88*	62-99
	21 Chlorpyrifos	132.8	72.42	54.51*	66-101
	22 Fenthion	132.8	72.29	54.42	36-119
	23 Trichloronate	132.8	66.04	49.71	36-119
	24 Anilazine	132.8	66.03	49.71	36-119
	25 Methyl Parathion	132.8	81.29	61.19	36-119
	26 Malathion	132.8	57.96	43.63	36-119
	27 Tokuthion	132.8	65.54	49.34	36-119
	28 Parathion	132.8	74.57	56.14	36-119
	30 Tetrachlorvinphos	132.8	79.23	59.64	36-119
	31 Carbophenothion me	132.8	71.80	54.05	36-119
	32 Bolstar	132.8	73.70	55.48	36-119
	33 Carbophenothion	132.8	69.79	52.53	36-119
$	34 Triphenyl phosphat	66.42	40.78	61.40	36-119
	35 Fensulfothion	132.8	53.24	40.08	20-105
	37 Phosmet / EPN	265.7	168.4	63.38	36-119
	38 Famphur	132.8	63.73	47.98*	61-108
	39 Azinphos-methyl	132.8	71.99	54.19*	55-103
	40 Azinphos-ethyl	132.8	73.10	55.03	36-119
	41 Coumaphos	132.8	82.95	62.44	36-119
S	42 Merphos	132.8	55.26	41.60	36-119
M	43 Total Demeton	132.8	66.99	50.43	47-100

TestAmerica

RECOVERY REPORT

Client Name: Northgate Environmen02-JUL-2009 00:00 Client SDG: 8304610
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LF1XG1AC Client Smp ID: SA82-0.5B MS
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: MS
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 3 Chlormefos	66.80	28.93	43.56*	59-112
$ 34 Triphenyl phosphat	66.80	40.78	61.40	50-150



Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\071309Z.B\017F1701.D
Date : 13-JUL-2009 23:35
Client ID: SA82-0.5B MS
Sample Info: LF1XG1AC,235-1S
Column phase: RTx-OPPest

Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\018F1801.D
Lab Smp Id: LF1XG1AD Client Smp ID: SA82-0.5B MSD
Inj Date : 14-JUL-2009 00:03
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LF1XG1AD,235-1D
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Meth Date : 14-Jul-2009 08:48 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 18 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Ws	29.950	Weight of Sample extracted (g)
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
1	o,o,o-TEPT	3.169	3.163	(0.178)	128597	0.62051	41.44(R)
2	Dichlorvos	4.007	4.002	(0.226)	94241	0.73229	48.90(R)
3	Mevinphos	5.665	5.670	(0.319)	39130	0.55352	36.96(R)
4	Chlormefos	5.747	5.745	(0.323)	67982	0.42184	28.17(RR)
5	Thionazin	7.407	7.407	(0.417)	157588	1.07150	71.55(R)
6	Demeton-O	7.544	7.542	(0.425)	106049	0.75015	50.09
7	Ethoprop	7.752	7.753	(0.436)	150273	1.16597	77.86(R)
8	Naled	7.952	7.952	(0.448)	16020	0.65239	43.56(R)
* 9	Tributylphosphate	8.025	8.072	(1.000)	219671	2.00000	
10	Sulfotepp	8.330	8.327	(0.469)	197480	1.03252	68.95(R)
11	Phorate	8.419	8.417	(0.474)	117160	0.87778	58.62(R)
12	Dimethoate	8.550	8.552	(0.481)	78543	0.50656	33.83(R)
13	Demeton-S	8.735	8.747	(0.492)	14957	0.13303	8.884
14	Simazine	8.817	8.815	(0.496)	46762	0.94904	63.38
15	Atrazine	8.985	8.983	(0.506)	58009	0.96487	64.43
16	propazine	9.130	9.127	(0.514)	56743	1.02289	68.31
17	Disulfoton	9.747	9.743	(0.549)	94239	1.02111	68.19
18	Diazinon	9.784	9.782	(0.551)	147487	1.02867	68.69
19	Methyl Parathion	10.590	10.588	(0.596)	131811	1.44961	96.80
20	Ronnel	11.112	11.108	(0.625)	114653	1.21982	81.46(R)
21	Malathion	11.665	11.665	(0.657)	94447	1.08083	72.18(R)
22	Fenthion	11.794	11.792	(0.664)	109540	1.18510	79.14

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	23 Parathion	11.880	11.877	(0.669)	126676	1.28774	85.99
	24 Chlorpyrifos	11.929	11.925	(0.671)	141841	1.19179	79.58
	25 Trichloronate	12.349	12.345	(0.695)	119740	1.12570	75.17
	26 Anilazine	12.670	12.663	(0.713)	10648	1.27823	85.36
	27 Merphos-A (Merphos)	13.034	13.038	(0.734)	232	0.00261	0.1746
	28 Tetrachlorvinphos (Stirophos)	13.667	13.667	(0.769)	81544	1.38252	92.32
	29 Tokuthion	14.282	14.278	(0.804)	126254	1.23819	82.68
	30 Merphos-B (Merphos Oxone)	14.487	14.490	(0.815)	125030	5.23010	349.2(A)
	31 Carbophenothion-methyl	15.064	15.058	(0.848)	105037	1.30870	87.39
	32 Fensulfothion	15.204	15.205	(0.856)	99810	1.23734	82.63
	33 Bolstar / Famphur	15.932	15.930	(0.897)	239481	2.45498	163.9
	34 Carbophenothion	16.080	16.075	(0.905)	119644	1.22256	81.64
S	35 Triphenyl phosphate	16.615	16.615	(0.935)	52779	0.70968	47.39
	36 Phosmet	16.870	16.868	(0.950)	113068	1.34983	90.14
	37 EPN	17.062	17.058	(0.960)	114936	1.45131	96.92
	38 Azinphos-methyl	17.395	17.392	(0.979)	116938	1.31011	87.49
*	39 TOCP	17.767	17.767	(1.000)	147097	2.00000	
	40 Azinphos-ethyl	17.847	17.843	(1.004)	135145	1.30566	87.19
	41 Coumaphos	18.292	18.290	(1.030)	104698	1.45430	97.11
S	42 Merphos				125262	1.11758	74.63
M	43 Total Demeton				121006	0.88318	58.98(R)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 018F1801.D
Lab Smp Id: LF1XG1AD
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Calibration Date: 13-JUL-2009
Calibration Time: 20:24
Client Smp ID: SA82-0.5B MSD
Level: LOW
Sample Type: SOIL
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Misc Info: IS - GSV0633-09

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	214729	107365	429458	219671	2.30
39 TOCP	132142	66071	264284	147097	11.32

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.05	7.55	8.55	8.03	-0.25
39 TOCP	17.77	17.27	18.27	17.77	0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name: Northgate Environmen02-JUL-2009 00:00 Client SDG: 8304610
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LF1XG1AD Client Smp ID: SA82-0.5B MSD
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: MSD
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Misc Info: IS - GSV0633-09

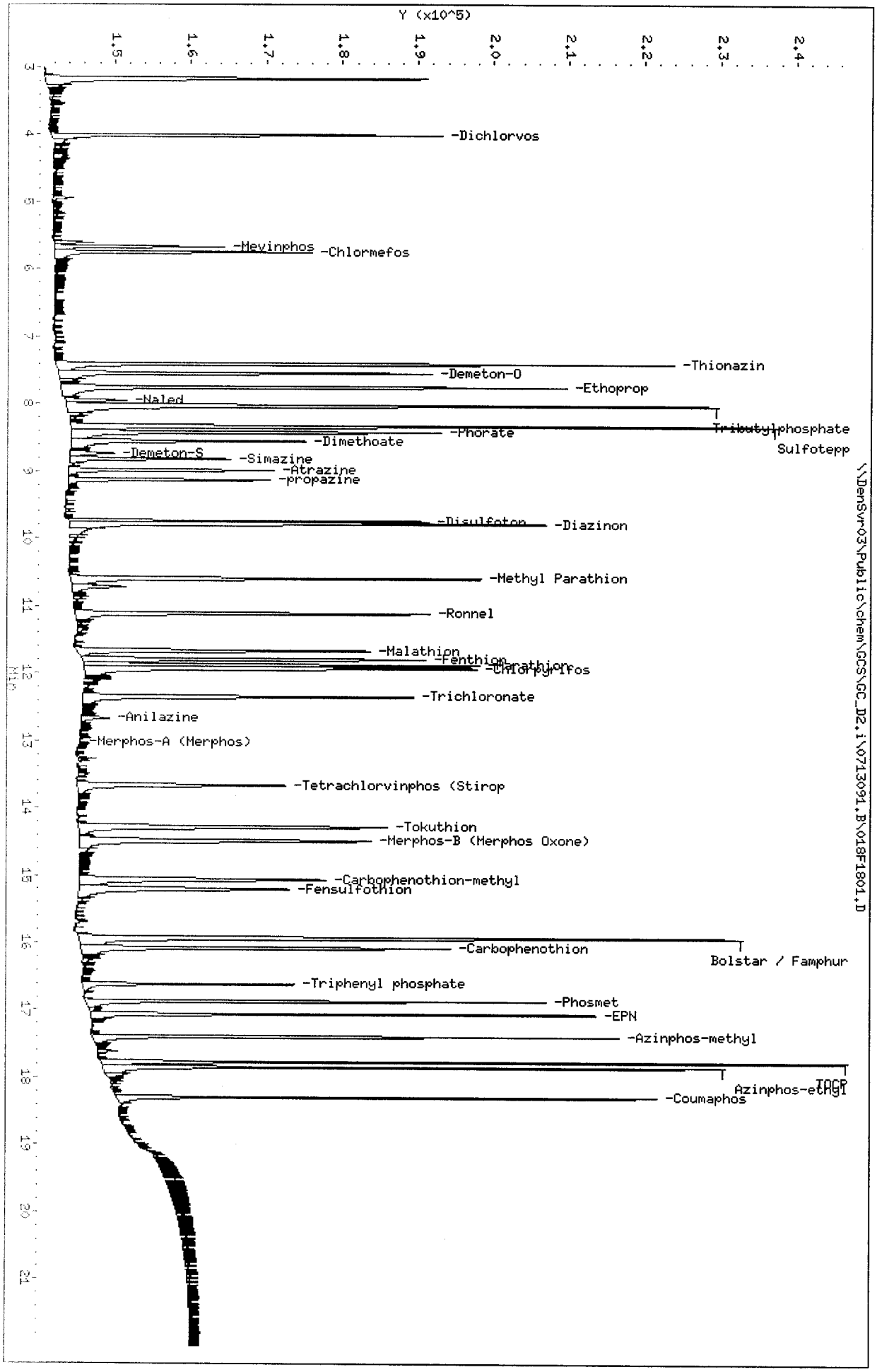
		SPIKE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
	1	o,o,o-TEPT	133.6	41.44	31.03*	36-119
	2	Dichlorvos	133.6	48.90	36.61*	50-120
	3	Mevinphos	133.6	36.96	27.68*	35-108
$	4	Chlormefos	66.78	28.17	42.18*	48-114
	5	Thionazin	133.6	71.55	53.58*	65-116
	7	Ethoprop	133.6	77.86	58.30*	65-108
	8	Naled	133.6	43.56	32.62*	36-119
	10	Sulfotepp	133.6	68.95	51.63*	69-103
	11	Phorate	133.6	58.62	43.89*	62-104
	12	Dimethoate	133.6	33.83	25.33*	28-115
	14	Simazine	133.6	63.38	47.45	47-109
	15	Atrazine	133.6	64.43	48.24	36-119
	16	propazine	133.6	68.31	51.14	36-119
	17	Disulfoton	133.6	68.19	51.06	36-119
	18	Diazinon	133.6	68.69	51.43	36-119
	19	Methyl Parathion	133.6	96.80	72.48	68-119
	20	Ronnel	133.6	81.46	60.99*	62-115
	21	Malathion	133.6	72.18	54.04*	67-115
	22	Fenthion	133.6	79.14	59.25	36-119
	23	Parathion	133.6	85.99	64.39	36-119
	24	Chlorpyrifos	133.6	79.58	59.59	36-119
	25	Trichloronate	133.6	75.17	56.29	36-119
	26	Anilazine	133.6	85.36	63.91	47-115
	28	Tetrachlorvinphos	133.6	92.32	69.13	36-119
	29	Tokuthion	133.6	82.68	61.91	36-119
	31	Carbophenothion-me	133.6	87.39	65.44	36-119
	32	Fensulfothion	133.6	82.63	61.87	61-115
	33	Bolstar / Famphur	267.1	163.9	61.37	36-119
	34	Carbophenothion	133.6	81.64	61.13	36-119
$	35	Triphenyl phosphat	66.78	47.39	70.97	50-150
	36	Phosmet	133.6	90.14	67.49	36-119
	37	EPN	133.6	96.92	72.57	36-119
	38	Azinphos-methyl	133.6	87.49	65.51	55-115
	40	Azinphos-ethyl	133.6	87.19	65.28	36-119
	41	Coumaphos	133.6	97.11	72.71	62-115
S	42	Merphos	133.6	74.63	55.88	36-119
M	43	Total Demeton	133.6	58.98	44.16*	47-115

TestAmerica

RECOVERY REPORT

Client Name: Northgate Environmen02-JUL-2009 00:00 Client SDG: 8304610
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LF1XG1AD Client Smp ID: SA82-0.5B MSD
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: MSD
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Misc Info: IS - GSV0633-09

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 4 Chlormefos	66.80	28.17	42.18*	59-112
$ 35 Triphenyl phosphat	66.80	47.39	70.97	50-150



Data File: \\DenSvr03\Public\chem\GCS\GC_D2,i\0713091,B\018F1801,D
Date : 14-JUL-2009 00:03
Client ID: SA82-0,5B MSD
Sample Info: LF1XG1AD,235-1D
Column phase: RTx-1MS
Instrument: GC_D2,i
Operator: MPK/TLW
Column diameter: 0,32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\018F1801.D
Lab Smp Id: LF1XG1AD Client Smp ID: SA82-0.5B MSD
Inj Date : 14-JUL-2009 00:03
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LF1XG1AD,235-1D
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Meth Date : 14-Jul-2009 08:59 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 18 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Ws	29.950	Weight of Sample extracted (g)
Cpnd Variable		Local Compound Variable

		Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	1	o,o,o-TEPT	4.649	4.647	(0.248)	106595	0.62674	41.85(R)
	2	Dichlorvos	6.454	6.452	(0.344)	103753	0.78125	52.17(R)
$	3	Chlormefos	7.282	7.280	(0.388)	51923	0.38839	25.94(RR)
	4	Mevinphos	9.121	9.120	(0.487)	47998	0.53654	35.83(R)
	5	Demeton-O	9.612	9.610	(0.513)	76968	0.90290	60.29
	6	Thionazin	9.861	9.860	(0.526)	136028	1.01681	67.90(R)
	7	Ethoprop	10.377	10.377	(0.554)	121988	1.22033	81.49
	8	Phorate	10.407	10.404	(0.555)	92946	0.80181	53.54
	9	Naled	10.811	10.809	(0.577)	10641	0.59850	39.97(R)
	10	Sulfotepp	10.887	10.885	(0.581)	170246	0.97376	65.02(A)
*	11	Tributylphosphate	10.997	11.010	(1.000)	187796	2.00000	
	12	Simazine	11.269	11.269	(0.601)	21833	0.87191	58.22(A)
	13	Diazinon	11.409	11.407	(0.609)	112078	1.20928	80.75
	14	Atrazine	11.451	11.449	(0.611)	45010	1.05332	70.34(A)
	15	Propazine	11.614	11.612	(0.620)	42814	1.01516	67.79
	16	Disulfoton	11.906	11.904	(0.635)	91710	0.99467	66.42(R)
	17	Demeton-S	11.991	11.989	(0.640)	2809	0.14325	9.566(R)
	18	Dimethoate	13.124	13.122	(0.700)	58161	0.47066	31.43(R)
	19	Ronnel	13.427	13.424	(0.716)	105834	1.27240	84.97
	20	Merphos-A (Merphos)	13.544	13.520	(1.232)	142	0.00209	0.1393(aA)
	21	Chlorpyrifos	14.242	14.239	(0.760)	105848	1.25465	83.78(R)
	22	Fenthion	14.492	14.490	(0.773)	92378	1.18058	78.84

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
23	Trichloronate	14.536	14.534	(0.775)	110942	1.07581	71.84
24	Anilazine	15.044	15.039	(0.802)	6482	0.89685	59.89
25	Methyl Parathion	15.359	15.359	(0.819)	116601	1.38028	92.17
26	Malathion	15.587	15.584	(0.831)	77774	0.98277	65.63
27	Tokuthion	16.231	16.229	(0.866)	103995	1.12235	74.95
28	Parathion	16.382	16.382	(0.874)	107083	1.28642	85.90
29	Merphos-B (Merphos Oxone)	16.416	16.407	(1.493)	107098	5.16269	344.8(A)
30	Tetrachlorvinphos (stirophos)	16.882	16.882	(0.901)	73027	1.35620	90.56
31	Carbophenothion methyl	16.986	16.984	(0.906)	89894	1.16473	77.78
32	Bolstar	17.354	17.352	(0.926)	101317	1.24624	83.22
33	Carbophenothion	17.436	17.434	(0.930)	92832	1.16123	77.54(A)
S 34	Triphenyl phosphate	18.202	18.202	(0.971)	43189	0.65836	43.96
35	Fensulfothion	18.484	18.484	(0.986)	73754	1.22447	81.77
* 36	TOCP	18.747	18.747	(1.000)	131492	2.00000	
37	Phosmet / EPN	18.837	18.839	(1.005)	199182	2.92872	195.6
38	Famphur	18.941	18.942	(1.010)	102937	1.19355	79.70(R)
39	Azinphos-methyl	19.076	19.079	(1.018)	97329	1.23366	82.38
40	Azinphos-ethyl	19.289	19.294	(1.029)	97343	1.29551	86.51
41	Coumaphos	20.242	20.247	(1.080)	82546	1.42883	95.41
S 42	Merphos				107240	0.97859	65.35
M 43	Total Demeton				79777	1.04615	69.86

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 018F1801.D
Lab Smp Id: LF1XG1AD
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Misc Info:

Calibration Date: 13-JUL-2009
Calibration Time: 20:24
Client Smp ID: SA82-0.5B MSD
Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	183814	91907	367628	187796	2.17
36 TOCP	117580	58790	235160	131492	11.83

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.00	10.50	11.50	11.00	-0.05
36 TOCP	18.75	18.25	19.25	18.75	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name: Northgate Environmen02-JUL-2009 00:00 Client SDG: 830461
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LF1XG1AD Client Smp ID: SA82-0.5B MSD
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: MSD
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Misc Info:

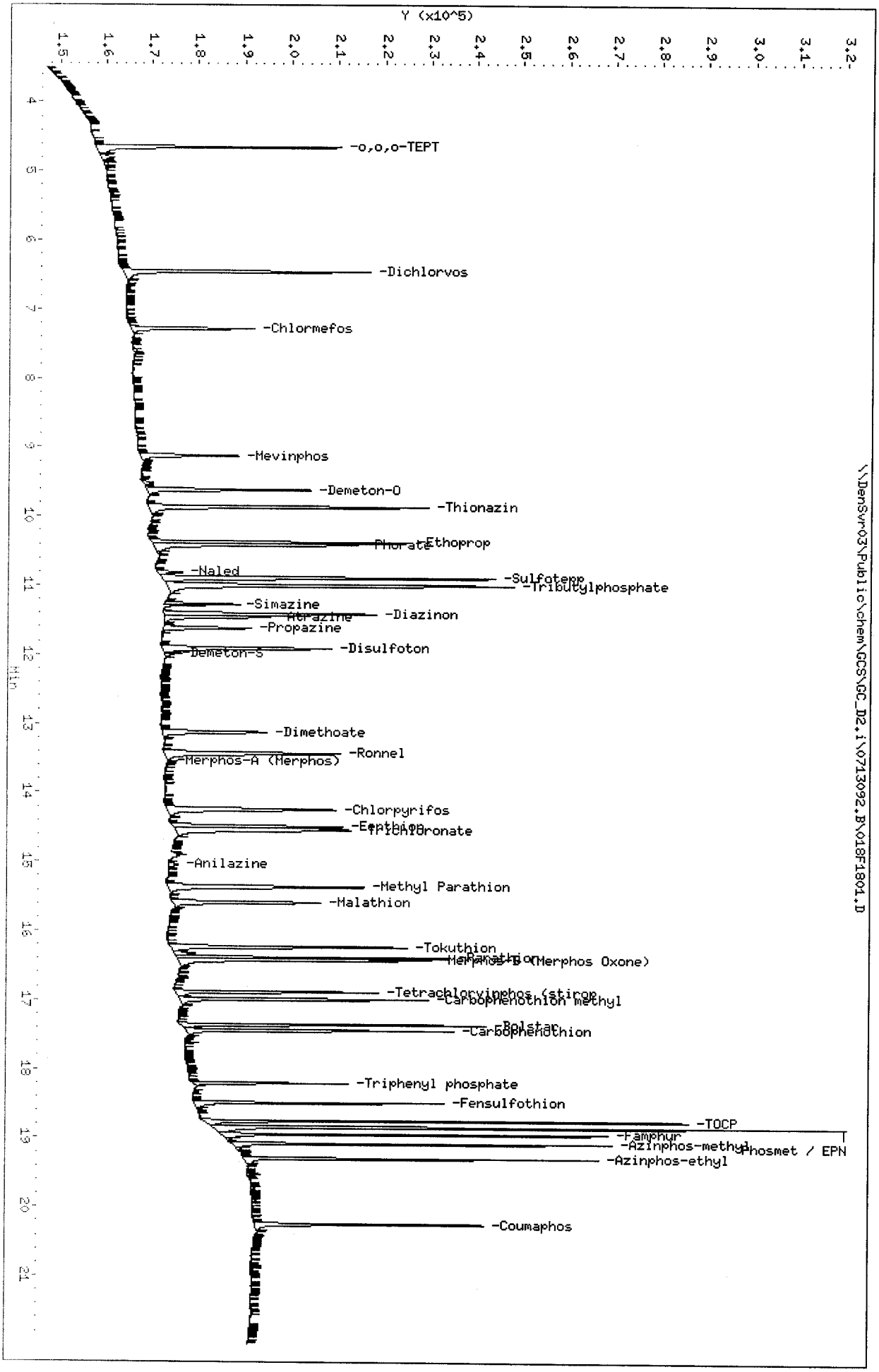
	SPIKE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
	1 o,o,o-TEPT	133.6	41.85	31.34*	36-119
	2 Dichlorvos	133.6	52.17	39.06*	50-120
$	3 Chlormefos	66.78	25.94	38.84*	58-114
	4 Mevinphos	133.6	35.83	26.83*	35-108
	5 Demeton-O	93.49	60.29	64.49	36-119
	6 Thionazin	133.6	67.90	50.84*	65-116
	7 Ethoprop	133.6	81.49	61.02	36-119
	8 Phorate	133.6	53.54	40.09	36-119
	9 Naled	133.6	39.97	29.92*	36-119
	10 Sulfotepp	133.6	65.02	48.69	36-119
	12 Simazine	133.6	58.22	43.60	36-119
	13 Diazinon	133.6	80.75	60.46	36-119
	14 Atrazine	133.6	70.34	52.67	36-119
	15 Propazine	133.6	67.79	50.76	36-119
	16 Disulfoton	133.6	66.42	49.73*	61-103
	17 Demeton-S	40.07	9.566	23.87*	36-119
	18 Dimethoate	133.6	31.43	23.53*	28-82
	19 Ronnel	133.6	84.97	63.62	62-99
	21 Chlorpyrifos	133.6	83.78	62.73*	66-101
	22 Fenthion	133.6	78.84	59.03	36-119
	23 Trichloronate	133.6	71.84	53.79	36-119
	24 Anilazine	133.6	59.89	44.84	36-119
	25 Methyl Parathion	133.6	92.17	69.01	36-119
	26 Malathion	133.6	65.63	49.14	36-119
	27 Tokuthion	133.6	74.95	56.12	36-119
	28 Parathion	133.6	85.90	64.32	36-119
	30 Tetrachlorvinphos	133.6	90.56	67.81	36-119
	31 Carbophenothion me	133.6	77.78	58.24	36-119
	32 Bolstar	133.6	83.22	62.31	36-119
	33 Carbophenothion	133.6	77.54	58.06	36-119
$	34 Triphenyl phosphat	66.78	43.96	65.84	36-119
	35 Fensulfothion	133.6	81.77	61.22	20-105
	37 Phosmet / EPN	267.1	195.6	73.22	36-119
	38 Famphur	133.6	79.70	59.68*	61-108
	39 Azinphos-methyl	133.6	82.38	61.68	55-103
	40 Azinphos-ethyl	133.6	86.51	64.78	36-119
	41 Coumaphos	133.6	95.41	71.44	36-119
S	42 Merphos	133.6	65.35	48.93	36-119
M	43 Total Demeton	133.6	69.86	52.31	47-100

TestAmerica

RECOVERY REPORT

Client Name: Northgate Environmen02-JUL-2009 00:00 Client SDG: 830461
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LF1XG1AD Client Smp ID: SA82-0.5B MSD
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: MSD
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 3 Chlormefos	66.80	25.94	38.84*	59-112
$ 34 Triphenyl phosphat	66.80	43.96	65.84	50-150



Data File: \\DenSvr03\Public\chem\GCS\GC_D2,i\0713092,B\018F1801,D
Date : 14-JUL-2009 00:03
Client ID: SA82-0,5B MSD
Sample Info: LF1XG1AD,235-1D
Column phase: RTx-OPPest
Instrument: GC_D2,i
Operator: MPK/TLW
Column diameter: 0,32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\019F1901.D
Lab Smp Id: LF1XT1AA Client Smp ID: SA82-10B
Inj Date : 14-JUL-2009 00:30
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LF1XT1AA,235-2
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Meth Date : 14-Jul-2009 08:48 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 19
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Ws	30.180	Weight of Sample extracted (g)
Cpnd Variable		Local Compound Variable

			RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	1	o,o,o-TEPT	Compound Not Detected.					
	2	Dichlorvos	Compound Not Detected.					
	3	Mevinphos	Compound Not Detected.					
$	4	Chlormefos	5.746	5.745	(0.323)	95645	0.56031	37.13(R)
	5	Thionazin	Compound Not Detected.					
	6	Demeton-O	Compound Not Detected.					
	7	Ethoprop	Compound Not Detected.					
	8	Naled	7.917	7.952	(0.446)	62	0.19433	12.88
*	9	Tributylphosphate	8.027	8.072	(1.000)	216995	2.00000	
	10	Sulfotepp	Compound Not Detected.					
	11	Phorate	Compound Not Detected.					
	12	Dimethoate	Compound Not Detected.					
	13	Demeton-S	Compound Not Detected.					
	14	Simazine	8.819	8.815	(0.496)	253	0.08420	5.580
	15	Atrazine	Compound Not Detected.					
	16	propazine	Compound Not Detected.					
	17	Disulfoton	Compound Not Detected.					
	18	Diazinon	Compound Not Detected.					
	19	Methyl Parathion	Compound Not Detected.					
	20	Ronnel	Compound Not Detected.					
	21	Malathion	Compound Not Detected.					
	22	Fenthion	Compound Not Detected.					

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	23 Parathion	Compound Not Detected.					
	24 Chlorpyrifos	11.926	11.925	(0.671)	116	0.00092	0.06098
	25 Trichloronate	Compound Not Detected.					
	26 Anilazine	12.671	12.663	(0.713)	91	0.05285	3.502
	27 Merphos-A (Merphos)	12.997	13.038	(0.732)	92	1e-003	0.06486
	28 Tetrachlorvinphos (Stirophos)	13.662	13.667	(0.769)	106	0.00170	0.1124
	29 Tokuthion	Compound Not Detected.					
	30 Merphos-B (Merphos Oxone)	14.496	14.490	(0.816)	71	0.02368	1.569
	31 Carbophenothion-methyl	Compound Not Detected.					
	32 Fensulfothion	15.192	15.205	(0.855)	1124	0.10671	7.071
	33 Bolstar / Famphur	Compound Not Detected.					
	34 Carbophenothion	Compound Not Detected.					
S	35 Triphenyl phosphate	16.616	16.615	(0.935)	66522	0.84446	55.96
	36 Phosmet	Compound Not Detected.					
	37 EPN	17.064	17.058	(0.960)	134	0.05067	3.358
	38 Azinphos-methyl	Compound Not Detected.					
*	39 TOCP	17.767	17.767	(1.000)	155809	2.00000	
	40 Azinphos-ethyl	Compound Not Detected.					
	41 Coumaphos	Compound Not Detected.					
S	42 Merphos				163	0.00137	0.09098
M	43 Total Demeton	Compound Not Detected.					

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 019F1901.D
Lab Smp Id: LF1XT1AA
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Calibration Date: 13-JUL-2009
Calibration Time: 20:24
Client Smp ID: SA82-10B
Level: LOW
Sample Type: SOIL
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Misc Info: IS - GSV0633-09

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	214729	107365	429458	216995	1.06
39 TOCP	132142	66071	264284	155809	17.91

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.05	7.55	8.55	8.03	-0.22
39 TOCP	17.77	17.27	18.27	17.77	0.01

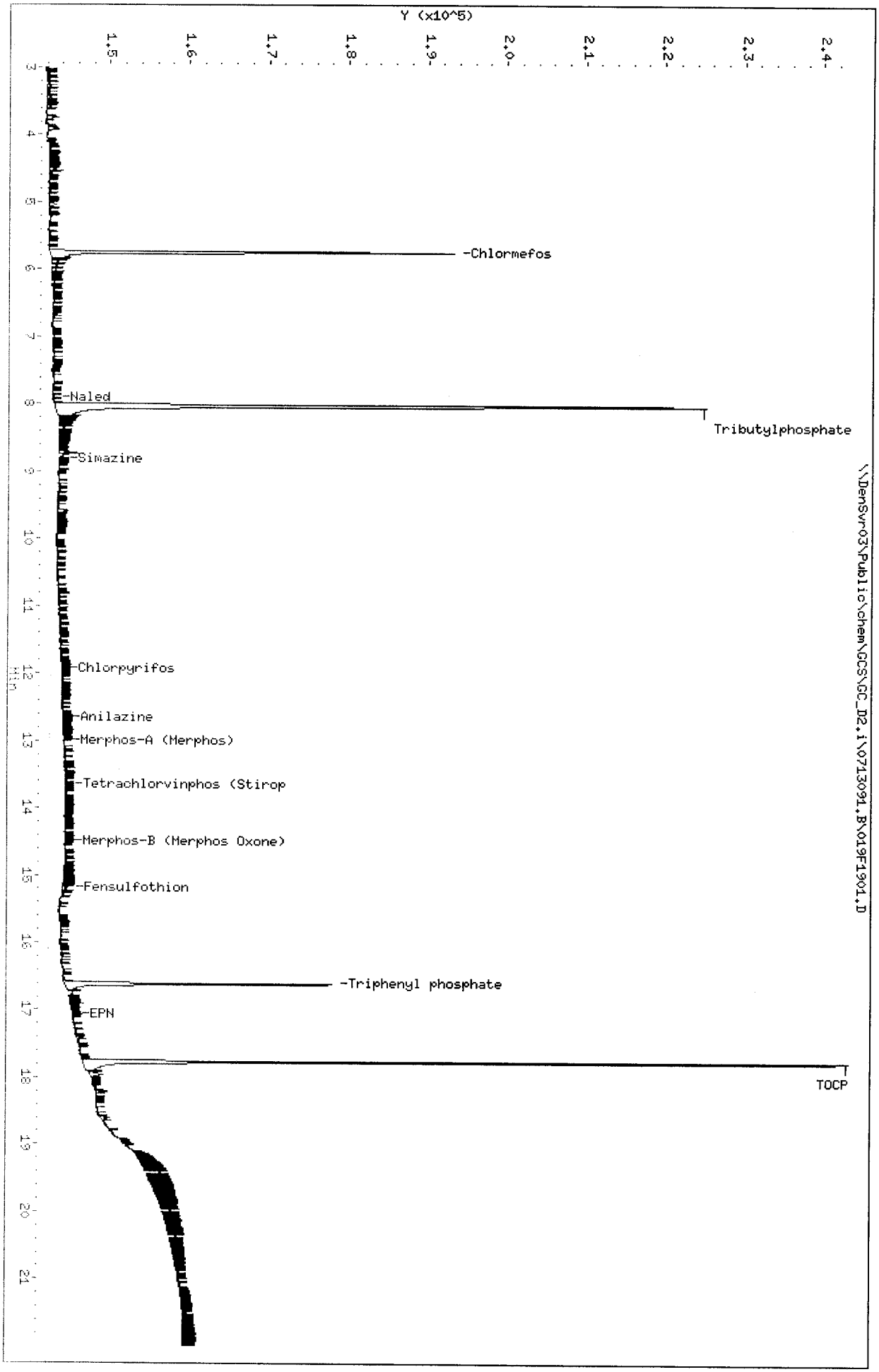
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name: Northgate Environmen02-JUL-2009 00:00 Client SDG: 8304610
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LF1XT1AA Client Smp ID: SA82-10B
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: SAMPLE
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Misc Info: IS - GSV0633-09

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 4 Chlormefos	66.27	37.13	56.03*	59-112
$ 35 Triphenyl phosphat	66.27	55.96	84.45	50-150



Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\019F1901.D
Date : 14-JUL-2009 00:30
Client ID: SA82-10B
Sample Info: LF1XT1AA,235-2
Column phase: RTx-1HS
Instrument: GC_D2.i
Operator: HPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\019F1901.D
Lab Smp Id: LF1XT1AA Client Smp ID: SA82-10B
Inj Date : 14-JUL-2009 00:30
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LF1XT1AA,235-2
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Meth Date : 14-Jul-2009 08:59 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 19
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Ws	30.180	Weight of Sample extracted (g)
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
1	o,o,o-TEPT	Compound Not Detected.					
2	Dichlorvos	Compound Not Detected.					
$ 3	Chlormefos	7.283	7.280	(0.388)	79862	0.59924	39.71
4	Mevinphos	Compound Not Detected.					
5	Demeton-O	Compound Not Detected.					
6	Thionazin	Compound Not Detected.					
7	Ethoprop	Compound Not Detected.					
8	Phorate	Compound Not Detected.					
9	Naled	10.821	10.809	(0.577)	52	0.27035	17.92
10	Sulfotepp	10.896	10.885	(0.581)	66	4e-004	0.02509(aA)
* 11	Tributylphosphate	10.998	11.010	(1.000)	175061	2.00000	
12	Simazine	11.241	11.269	(0.600)	107	0.00429	0.2840(aA)
13	Diazinon	Compound Not Detected.					
14	Atrazine	11.443	11.449	(0.610)	154	0.23523	15.59(aA)
15	Propazine	11.623	11.612	(0.620)	128	0.06108	4.047
16	Disulfoton	Compound Not Detected.					
17	Demeton-S	12.008	11.989	(0.641)	122	0.12014	7.961
18	Dimethoate	Compound Not Detected.					
19	Ronnel	Compound Not Detected.					
20	Merphos-A (Merphos)	13.488	13.520	(1.226)	86	0.00136	0.08984(aA)
21	Chlorpyrifos	Compound Not Detected.					
22	Fenthion	Compound Not Detected.					

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	23 Trichloronate	14.556	14.534	(0.776)	96	0.10610	7.031
	24 Anilazine	Compound Not Detected.					
	25 Methyl Parathion	Compound Not Detected.					
	26 Malathion	15.586	15.584	(0.831)	55	7.e-004	0.04620(a)
	27 Tokuthion	Compound Not Detected.					
	28 Parathion	16.348	16.382	(0.872)	76	9e-004	0.06069(a)
	29 Merphos-B (Merphos Oxone)	Compound Not Detected.					
	30 Tetrachlorvinphos (stirophos)	Compound Not Detected.					
	31 Carbophenothion methyl	Compound Not Detected.					
	32 Bolstar	Compound Not Detected.					
	33 Carbophenothion	Compound Not Detected.					
$	34 Triphenyl phosphate	18.204	18.202	(0.971)	55825	0.85364	56.57
	35 Fensulfothion	Compound Not Detected.					
*	36 TOCP	18.748	18.747	(1.000)	131083	2.00000	
	37 Phosmet / EPN	Compound Not Detected.					
	38 Famphur	Compound Not Detected.					
	39 Azinphos-methyl	Compound Not Detected.					
	40 Azinphos-ethyl	Compound Not Detected.					
	41 Coumaphos	Compound Not Detected.					
$	42 Merphos	Compound Not Detected.					
M	43 Total Demeton				122	0.12014	7.961

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 019F1901.D
Lab Smp Id: LF1XT1AA
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Misc Info:

Calibration Date: 13-JUL-2009
Calibration Time: 20:24
Client Smp ID: SA82-10B
Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	183814	91907	367628	175061	-4.76
36 TOCP	117580	58790	235160	131083	11.48

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.00	10.50	11.50	11.00	-0.04
36 TOCP	18.75	18.25	19.25	18.75	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name: Northgate Environmen02-JUL-2009 00:00 Client SDG: 830461(
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LF1XT1AA Client Smp ID: SA82-10B
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: SAMPLE
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Misc Info:

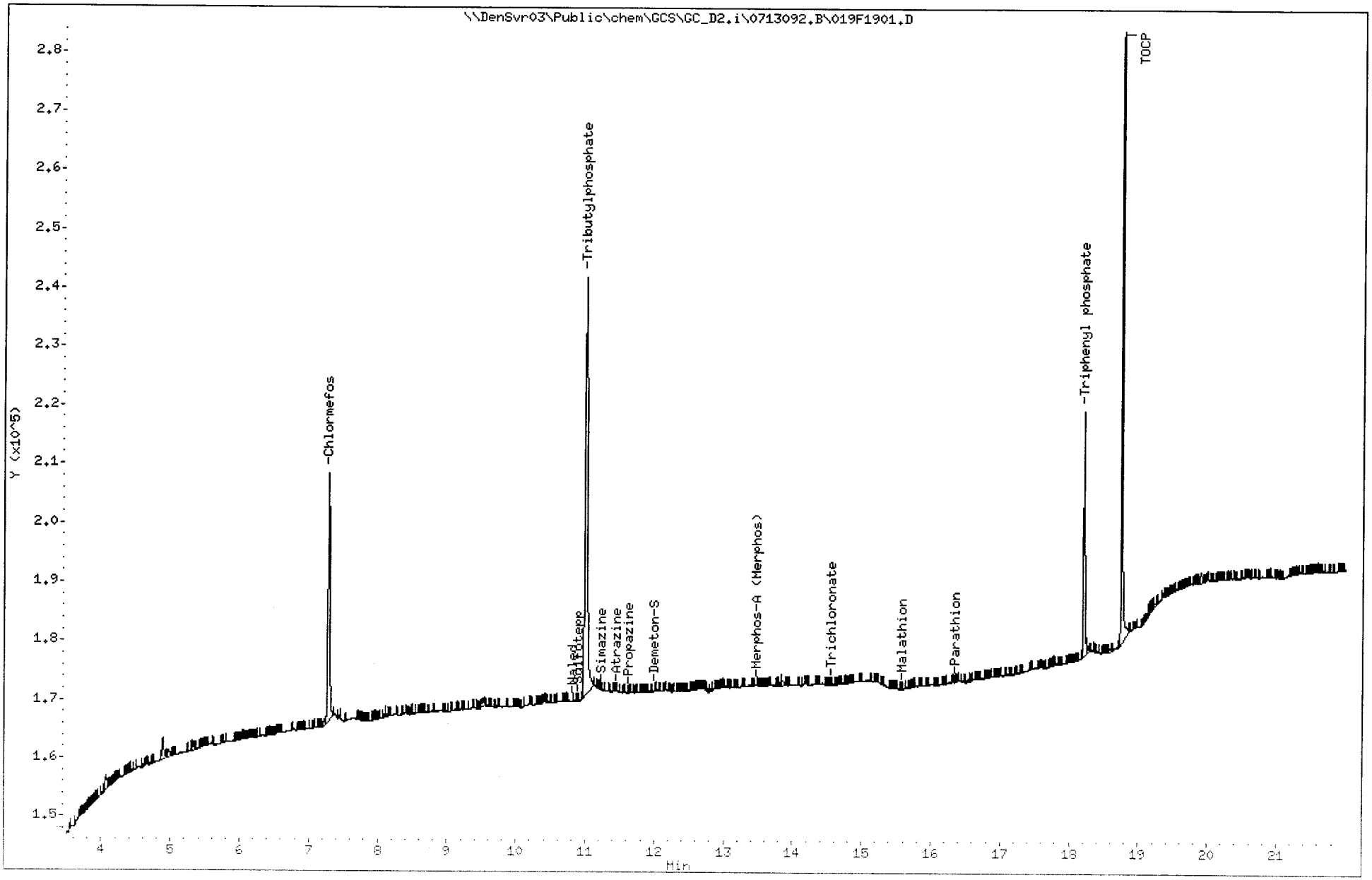
SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 3 Chlormefos	66.27	39.71	59.92	59-112
$ 34 Triphenyl phosphat	66.27	56.57	85.36	50-150

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\019F1901.D
Date : 14-JUL-2009 00:30
Client ID: SA82-10B
Sample Info: LF1XT1AA,235-2

Instrument: GC_D2.i

Operator: MPK/TLW
Column diameter: 0.32

Column phase: RTx-OPPest



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\020F2001.D
Lab Smp Id: LF1XX1AA Client Smp ID: SA82-29B
Inj Date : 14-JUL-2009 00:57
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LF1XX1AA,235-3
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Meth Date : 14-Jul-2009 08:48 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 20
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Ws	30.790	Weight of Sample extracted (g)
Cpnd Variable		Local Compound Variable

		Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	1	o,o,o-TEPT	Compound Not Detected.					
	2	Dichlorvos	Compound Not Detected.					
	3	Mevinphos	Compound Not Detected.					
S	4	Chlormefos	5.746	5.745	(0.323)	82874	0.49256	32.00(R)
	5	Thionazin	Compound Not Detected.					
	6	Demeton-O	Compound Not Detected.					
	7	Ethoprop	Compound Not Detected.					
	8	Naled	7.964	7.952	(0.448)	51	0.19405	12.60
*	9	Tributylphosphate	8.029	8.072	(1.000)	217336	2.00000	
	10	Sulfotepp	Compound Not Detected.					
	11	Phorate	Compound Not Detected.					
	12	Dimethoate	Compound Not Detected.					
	13	Demeton-S	Compound Not Detected.					
	14	Simazine	8.838	8.815	(0.497)	108	0.08168	5.306
	15	Atrazine	Compound Not Detected.					
	16	propazine	Compound Not Detected.					
	17	Disulfoton	Compound Not Detected.					
	18	Diazinon	Compound Not Detected.					
	19	Methyl Parathion	Compound Not Detected.					
	20	Ronnel	Compound Not Detected.					
	21	Malathion	Compound Not Detected.					
	22	Fenthion	Compound Not Detected.					

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	23 Parathion	Compound Not Detected.					
	24 Chlorpyrifos	11.921	11.925	(0.671)	247	0.00199	0.1291
	25 Trichloronate	Compound Not Detected.					
	26 Anilazine	12.669	12.663	(0.713)	152	0.06027	3.915
	27 Merphos-A (Merphos)	13.029	13.038	(0.733)	91	1e-003	0.06380
	28 Tetrachlorvinphos (Stirophos)	13.663	13.667	(0.769)	81	0.00132	0.08544
	29 Tokuthion	Compound Not Detected.					
	30 Merphos-B (Merphos Oxone)	14.486	14.490	(0.815)	56	0.02312	1.502
	31 Carbophenothion-methyl	Compound Not Detected.					
	32 Fensulfothion	15.198	15.205	(0.855)	381	0.09874	6.414
	33 Bolstar / Famphur	Compound Not Detected.					
	34 Carbophenothion	Compound Not Detected.					
S	35 Triphenyl phosphate	16.616	16.615	(0.935)	57275	0.73766	47.92
	36 Phosmet	Compound Not Detected.					
	37 EPN	17.054	17.058	(0.960)	63	0.04986	3.239
	38 Azinphos-methyl	Compound Not Detected.					
*	39 TOCP	17.768	17.767	(1.000)	153573	2.00000	
	40 Azinphos-ethyl	Compound Not Detected.					
	41 Coumaphos	Compound Not Detected.					
S	42 Merphos				147	0.00126	0.08160
M	43 Total Demeton	Compound Not Detected.					

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 020F2001.D
Lab Smp Id: LF1XX1AA
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Calibration Date: 13-JUL-2009
Calibration Time: 20:24
Client Smp ID: SA82-29B
Level: LOW
Sample Type: SOIL
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Misc Info: IS - GSV0633-09

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	214729	107365	429458	217336	1.21
39 TOCP	132142	66071	264284	153573	16.22

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.05	7.55	8.55	8.03	-0.20
39 TOCP	17.77	17.27	18.27	17.77	0.01

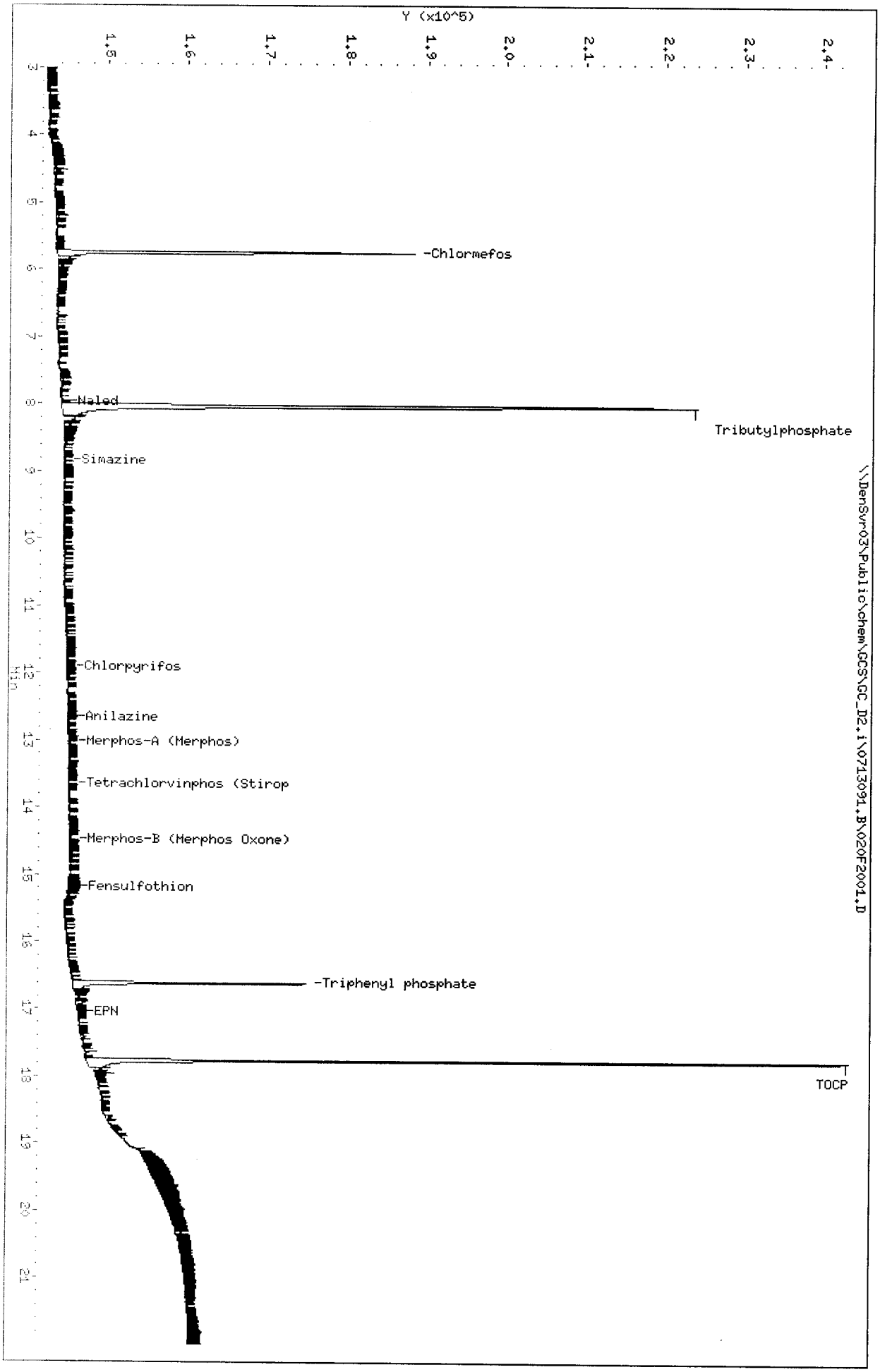
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name: Northgate Environmen02-JUL-2009 00:00 Client SDG: 8304610
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LF1XX1AA Client Smp ID: SA82-29B
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: SAMPLE
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\8141A-1.m
Misc Info: IS - GSV0633-09

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 4 Chlormefos	64.96	32.00	49.26*	59-112
$ 35 Triphenyl phosphat	64.96	47.92	73.77	50-150



Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713091.B\020F2001.D
Date : 14-JUL-2009 00:57
Client ID: SA82-29B
Sample Info: LF1XX1AA,235-3
Column phase: RTx-1MS
Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\020F2001.D
Lab Smp Id: LF1XX1AA Client Smp ID: SA82-29B
Inj Date : 14-JUL-2009 00:57
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : LF1XX1AA,235-3
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Meth Date : 14-Jul-2009 08:59 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 20
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

Concentration Formula: Amt * DF * Vf / Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Ws	30.790	Weight of Sample extracted (g)
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
1	o,o,o-TEPT	Compound Not Detected.					
2	Dichlorvos	Compound Not Detected.					
$ 3	Chlormefos	7.281	7.280	(0.388)	72859	0.56389	36.63(R)
4	Mevinphos	Compound Not Detected.					
5	Demeton-O	Compound Not Detected.					
6	Thionazin	Compound Not Detected.					
7	Ethoprop	Compound Not Detected.					
8	Phorate	Compound Not Detected.					
9	Naled	10.808	10.809	(0.577)	63	0.27075	17.59
10	Sulfotepp	10.863	10.885	(0.579)	51	3.e-004	0.01960(aA)
* 11	Tributylphosphate	11.000	11.010	(1.000)	175889	2.00000	
12	Simazine	11.270	11.269	(0.601)	82	0.00339	0.2201(aA)
13	Diazinon	Compound Not Detected.					
14	Atrazine	11.448	11.449	(0.611)	57	0.23349	15.17(aA)
15	Propazine	11.615	11.612	(0.620)	283	0.06475	4.206
16	Disulfoton	Compound Not Detected.					
17	Demeton-S	11.986	11.989	(0.639)	76	0.11976	7.779
18	Dimethoate	Compound Not Detected.					
19	Ronnel	Compound Not Detected.					
20	Merphos-A (Merphos)	13.501	13.520	(1.227)	157	0.00246	0.1600(aA)
21	Chlorpyrifos	Compound Not Detected.					
22	Fenthion	Compound Not Detected.					

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	23 Trichloronate	14.535	14.534	(0.775)	282	0.10781	7.003
	24 Anilazine	Compound Not Detected.					
	25 Methyl Parathion	Compound Not Detected.					
	26 Malathion	15.585	15.584	(0.831)	108	0.00141	0.09172(a)
	27 Tokuthion	Compound Not Detected.					
	28 Parathion	16.386	16.382	(0.874)	227	0.00282	0.1833(a)
	29 Merphos-B (Merphos Oxone)	Compound Not Detected.					
	30 Tetrachlorvinphos (stirophos)	Compound Not Detected.					
	31 Carbophenothion methyl	Compound Not Detected.					
	32 Bolstar	Compound Not Detected.					
	33 Carbophenothion	Compound Not Detected.					
$	34 Triphenyl phosphate	18.203	18.202	(0.971)	48763	0.76912	49.96
	35 Fensulfothion	Compound Not Detected.					
*	36 TOCP	18.748	18.747	(1.000)	127084	2.00000	
	37 Phosmet / EPN	Compound Not Detected.					
	38 Famphur	Compound Not Detected.					
	39 Azinphos-methyl	Compound Not Detected.					
	40 Azinphos-ethyl	Compound Not Detected.					
	41 Coumaphos	Compound Not Detected.					
S	42 Merphos	Compound Not Detected.					
M	43 Total Demeton				76	0.11976	7.779

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 020F2001.D
Lab Smp Id: LF1XX1AA
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Misc Info:

Calibration Date: 13-JUL-2009
Calibration Time: 20:24
Client Smp ID: SA82-29B
Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	183814	91907	367628	175889	-4.31
36 TOCP	117580	58790	235160	127084	8.08

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.00	10.50	11.50	11.00	-0.02
36 TOCP	18.75	18.25	19.25	18.75	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

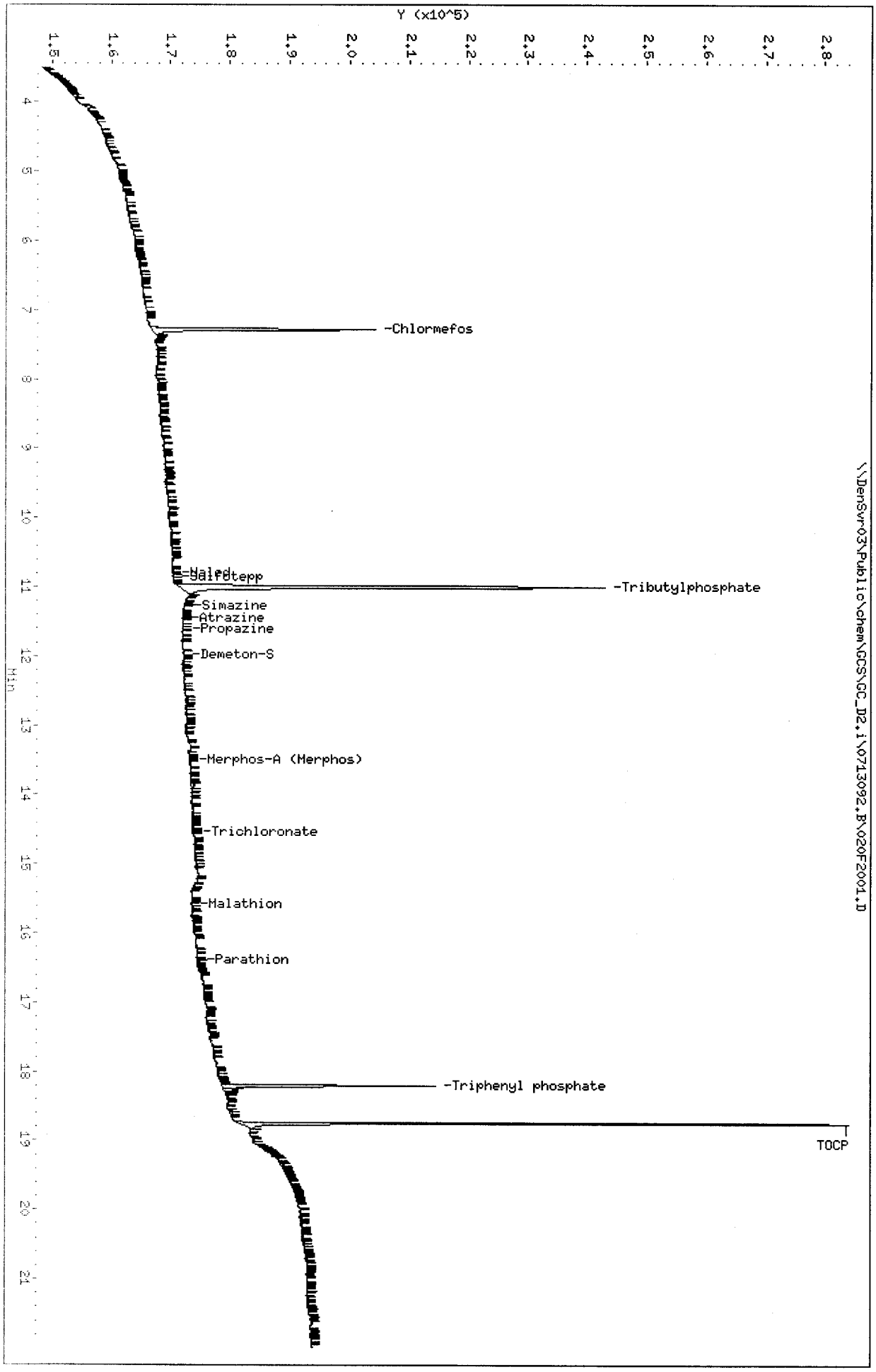
RECOVERY REPORT

Client Name: Northgate Environmen02-JUL-2009 00:00 Client SDG: 830461(
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LF1XX1AA Client Smp ID: SA82-29B
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: SAMPLE
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0713092.B\8141A-2.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 3 Chlormefos	64.96	36.63	56.39*	59-112
$ 34 Triphenyl phosphat	64.96	49.96	76.91	50-150

Data File: \\DenSvr03\Public\chem\GCS\GC_D2,i\0713092,B\020F2001.D
Date : 14-JUL-2009 00:57
Client ID: SA82-29B
Sample Info: LF1XX1AA,235-3
Column phase: RTx-OPPest

Instrument: GC_D2,i
Operator: MPK/TLW
Column diameter: 0.32



GC SEMIVOLATILE
INITIAL CALIBRATION DATA

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

GC and HPLC ICAL Review Checklist

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

608 8081 8082 8151 (8141)
TPH/DRO Other SV 6014
8310 8330 Other HPLC

601 602 8021 BTEX
TPH/GRO Other Volatile GC

Calibration Date: 062609
Instrument ID: D2

Review Items	--- Level 1 --- Yes	No	N/A	Level 2	Comments
Initial Calibration					
1. Are correct data files used?	✓			✓	
2. Is there a sufficient number of calibration points used?	✓			✓	
3. Are reasons for removal of points documented?	✓			✓	Better linearity
4. Is linearity acceptable, 8000 Series: linear least-squares regression with $r \geq 0.990$, (DOD projects require $r \geq 0.995$) quadratic fit COD $r^2 > 0.990$, or average response factors with RSD ≤ 20%? 600 Series: < 10% RSD or linear regression	✓			✓	
5. Are the correct RT windows applied to the ICAL integration?	✓			✓	
6. Are DDT & Endrin breakdown < 15%?			✓	NA	
7. Is each manual integration completely documented, signed and appropriate?	✓			✓	
8. Is traceability of standards properly documented?	✓			✓	
9. Was second level hand calculation performed? (document analyte checked)	-----	-----	-----	✓	
10. Was second-source ICV performed & recovery 85-115%?	✗	✓		✓	Primary Include %R Naled -40.1%, Simazine +31.1%, Disulfoton -20.6% Malathion -18.8%, Anilazine -49.2%, Carbophenothion-methyl -32.3%, Phosmet -17.6% Secondary Include %R Naled -47.6%, Simazine +80.1%, Anilazine -39.9%, Malathion -23.2%, Carbophenothion-methyl -37.7%, Merphos -19.3%

1st Level Reviewer: [signature] Date: 6/30/09
2nd Level Reviewer: [signature] Date: 6/30/09

E\062609.S

Sequence Table (Front Injector):

Quantification Part:

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
1	Vial 1	PRIMER				
2	Vial 2	HEXANE				
3	Vial 3	OPP L7 GSV0634				
4	Vial 4	OPP L6 GSV0637				
5	Vial 5	OPP L5 GSV0635				
6	Vial 6	OPP L4 GSV0638				
7	Vial 7	OPP L3 GSV0639				
8	Vial 8	OPP L2 GSV0640				
9	Vial 9	OPP L1 GSV0641				
10	Vial 10	OPP SS GSV0633				
11	Vial 11	GSV075309 SPK				
12	Vial 12	LE2931AA,MB				
13	Vial 13	LE2931AC,LCS				
14	Vial 14	LE2931AD,LCSD				
15	Vial 15	LEQA91AC,222-15				10
16	Vial 16	LEQA91AC,222-15				3
17	Vial 17	LEQCQ1AC,222-18				2
18	Vial 18	LERD61AD,377-1				
19	Vial 19	LERD81AH,377-3				
20	Vial 20	LERN71AF,115-1				
21	Vial 21	LERPQ1AF,115-2				
22	Vial 22	LERPX1AF,115-3				
23	Vial 23	LE1F91AJ,138-1				
24	Vial 24	OPP L5 GSV0635				
25	Vial 25	LE29M1AA,MB				
26	Vial 26	LE29M1AC,LCS				
27	Vial 27	LE29M1AD,LCSD				
28	Vial 28	LEQA91AA,222-15				10
29	Vial 29	LEQA91AA,222-15				3
30	Vial 30	LEQCQ1AA,222-18				2
31	Vial 31	LFARC1AA,MB				
32	Vial 32	LFARC1AC,LCS				
33	Vial 33	LFARC1AD,LCSD				
34	Vial 34	LEKL02AA,185-1				
35	Vial 35	LE29L1AA,MB				
36	Vial 36	LE29L1AC,LCS				
37	Vial 37	LE29L1AD,LCSD				
38	Vial 38	LERCV1AA,370-1				
39	Vial 39	LEWJG1AA,143-1				
40	Vial 40	OPP L5 GSV0635				
41	Vial 41	LE5PX1AA,MB				
42	Vial 42	LE5PX1AC,LCS				
43	Vial 43	LE5PX1AD,LCSD				
44	Vial 44	LE39F1AA,179-1				
45	Vial 45	LE3PF1AA,179-2				
46	Vial 46	LE39L1AA,179-3				
47	Vial 47	LFARL1AA,MB				
48	Vial 48	LFARL1AC,LCS				
49	Vial 49	LFARL1AD,LCSD				
50	Vial 50	LEKLE2AE,180-2				
51	Vial 51	LEKLF2AE,180-3				
52	Vial 52	LEKLL2AE,180-4				
53	Vial 53	LEKLQ2AE,180-5				
54	Vial 54	LENR72AD,322-1				
55	Vial 55	LEPG32AJ,161-1				
56	Vial 56	OPP L5 GSV0635				
57	Vial 57	LFD4N1AA,MB				
58	Vial 58	LFD4N1AC,LCS				

9168144

9168147

9170431

9168145

RR

9168553

9170430

9173102

E\062609.S

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
59	Vial 59	LFD4N1AD,LCSD				
60	Vial 60	LE3041AJ,158-1				
61	Vial 61	LFD4W1AA,MB				
62	Vial 62	LFD4W1AC,LCS				
63	Vial 63	LFD4W1AD,LCSD				
64	Vial 64	LE7EE1AA,266-2				
65	Vial 65	LE9Q61AA,216-2				
66	Vial 66	LE9RA1AA,216-3				
67	Vial 67	LFC4Q1AD,199-2				
68	Vial 68	OPP L5 GSV0635				
69	Vial 69	LFAN01AA,MB				
70	Vial 70	LFAN01AC,LCS				
71	Vial 71	LFAN01AD,LCSD				
72	Vial 72	LE4291AA,273-1				
73	Vial 73	LE4291AD,273-1S				
74	Vial 74	LE4291AE,273-1D				
75	Vial 75	LE9PJ1AA,215-1				
76	Vial 76	OPP L5 GSV0635				
77	Vial 77	OPP L1 GSV0641				
78	Vial 100	HEXANE/ACETONE				

9173103

9170919

Sequence Table (Back Injector):

No entries - empty table!

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INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Calibration File Names:
Level 1: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\009F0901.D
Level 2: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\008F0801.D
Level 3: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\007F0701.D
Level 4: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\006F0601.D
Level 5: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\005F0501.D
Level 6: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\004F0401.D
Level 7: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\003F0301.D

SEE CALIBRATION HISTORY

Compound	0.2000000 Level 1 / 5.0000 Level 7	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
1 o,o,o-TEPT	3.11591	2.63737	2.67945	2.89676	2.71623	2.90430					
	2.77446						AVRG		2.81778		5.91149
2 Dichlorvos	2.01706	1.62225	1.58545	1.76366	1.71981	1.74982					
	1.79032						AVRG		1.74977		7.99554
3 Mevinphos	1.01774	0.91295	0.90158	1.01760	0.95159	0.98250					
	0.94429						AVRG		0.96118		4.85992
5 Thionazin	2.12707	1.94606	1.94866	2.08214	1.96051	2.00095					
	1.93224						AVRG		1.99966		3.79706

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Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
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Compound	0.2000000 Level 1 / 5.0000 Level 7	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2	
6 Demeton-O	9836 / 165003	17553	30145	62341	96004	113108	WLINR	-0.01288	1.85831		0.99594	1/x
7 Ethoprop	1.93480 / 1.74432	1.70823	1.62324	1.73203	1.74110	1.78272	AVRG		1.75235		5.38512	
8 Naled	1992 / 121152	6103	15042	36940	67594	90892	WLINR	0.09632	0.47378		0.98961	<- 1/x r=0.995
10 Sulfotepp	34658 / 609341	70885	131347	259970	393078	486417	WLINR	-0.03469	2.43674		0.99856	1/x
11 Phorate	2.02801 / 1.72902	1.82946	1.73796	1.82370	1.76374	1.79146	AVRG		1.81476		5.60901	
12 Dimethoate	1.89561 / 2.21598	1.76866	2.07434	2.25696	2.23554	2.30994	AVRG		2.10815		9.72697	
13 Demeton-S	1.49306 / 1.52702	1.46224	1.49173	1.58543	1.55216	1.58919	AVRG		1.52869		3.21407	

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Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	5.0000 Level 7											
14 Simazine	4819	16248	29382	64611	115426	147784						1/x2
	190219						WLINR	0.03988	0.73140		0.99336	
15 Atrazine	0.70185	0.76532	0.75073	0.84628	0.85434	0.90844						
	0.89508						AVRG		0.81743		9.61085	
16 propazine	0.73887	0.70136	0.69239	0.78178	0.75651	0.81417						
	0.79462						AVRG		0.75424		6.13423	
17 Disulfoton	15404	33208	61920	127893	193050	247845						1/x
	290419						WLINR	-0.01928	1.20917		0.99576	
18 Diazinon	2.20234	1.83553	1.83772	2.01856	1.98676	1.84115						
	1.92388						AVRG		1.94942		6.88114	
19 Methyl Parathion	1.22644	1.10389	1.13741	1.32395	1.30344	1.29686						
	1.26213						AVRG		1.23630		6.92144	
20 Ronnel	1.42863	1.23369	1.21320	1.29342	1.24446	1.34650						
	1.18584						AVRG		1.27796		6.65504	

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Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
21 Malathion	15443	30581	57103	119836	186013	228260					
	283462						WLINR	-0.02066	1.14436		0.99783
22 Fenthion	1.46442	1.18458	1.16481	1.29096	1.25584	1.25506					
	1.18151						AVRG		1.25674		8.19381
23 Parathion	1.42438	1.25387	1.23322	1.38998	1.36308	1.38514					
	1.31279						AVRG		1.33749		5.43501
24 Chlorpyrifos	1.85614	1.56747	1.47379	1.62915	1.61527	1.62330					
	1.56216						AVRG		1.61818		7.28314
25 Trichloronate	1.44751	1.42551	1.34762	1.48171	1.46256	1.52450					
	1.43428						AVRG		1.44624		3.78186
26 Anilazine	1493	2095	5311	12790	19893	29375					
	+++++						QUAD	0.02107	9.16488	-8.66056	0.99476
27 Merphos-A (Merphos)	1.24844	1.15527	1.15966	1.23989	1.21263	1.24409					
	1.18648						AVRG		1.20664		3.30523

1/x

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Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	5.0000 Level 7											
28 Tetrachlorvinphos (Stirophos)	0.76814	0.74606	0.73464	0.83451	0.85233	0.85150						
	0.82648						AVRG		0.80195		6.32809	
29 Tokuthion	1.50295	1.28283	1.29501	1.44234	1.39452	1.40891						
	1.37817						AVRG		1.38639		5.62055	
30 Merphos-B (Merphos Oxone)	3884	7933	11676	34113	50056	65974						NTC
	79809						WLINR	0.01044	0.32634		0.98820	<-See Merphos
31 Carbophenothion-methyl	14924	30542	55023	105577	167145	206137						
	266724						WLINR	-0.03349	1.03813		0.99979	1/x
32 Fensulfothion	8319	23000	51304	104440	185778	229856						
	295978						WLINR	0.04728	1.18751		0.99821	1/x
33 Bolstar / Famphur	1.54988	1.27794	1.32328	1.33835	1.27633	1.28540						
	1.23307						AVRG		1.32632		7.86825	
34 Carbophenothion	1.57916	1.19992	1.27687	1.32336	1.26122	1.41398						
	1.25966						AVRG		1.33059		9.63398	

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Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	5.0000 Level 7											
36 Phosmet	1.22087	1.01385	1.11032	1.20586	1.12340	1.16129						
	1.13672						AVRG		1.13890		6.04111	
37 EPN	9525	23196	48705	111165	171283	220388						$1/x^2$
	294020						WLINR	0.02456	1.11450		0.99317	
38 Azinphos-methyl	1.19565	1.13516	1.16767	1.28235	1.23551	1.26700						
	1.21185						AVRG		1.21360		4.33999	
40 Azinphos-ethyl	23154	43578	74071	134607	209971	253982						$1/x^2$
	318459						WLINR	-0.07409	1.26388		0.99928	
41 Coumaphos	1.00140	0.89806	0.92250	1.01947	1.01017	1.01013						
	0.99015						AVRG		0.97884		4.92558	
42 Merphos	1.61523	1.45962	1.38820	1.59026	1.52873	1.58626						
	1.49925						AVRG		1.52393		5.34513	
43 Total Demeton	1.94415	1.66775	1.60440	1.71838	1.66174	1.66727						
	1.68503						AVRG		1.70696		6.44185	

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Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Last Edit : 30-Jun-2009 12:45 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
$ 4 Chlormefos	2.28223	2.03679	2.00000	2.26084	2.35620	2.24671					
	2.15521						AVRG		2.19114		6.04132
$ 35 Triphenyl phosphate	1.09980	0.99217	0.96977	1.05450	0.99627	1.00900					
	0.95665						AVRG		1.01117		4.94580

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Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Wt Linear	Amt = b + Rsp/m1	Response
Quad	Amt = b + m1*Rsp + m2*Rsp^2	Response

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Calibration History

Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Start Cal Date: 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Last Cal Level: 1
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 0.20000		
26-JUN-2009 21:13	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\009F0901.D
Cal Level: 2 , Cal Amount: 0.50000		
26-JUN-2009 20:45	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\008F0801.D
Cal Level: 3 , Cal Amount: 1.00000		
26-JUN-2009 20:18	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\007F0701.D
Cal Level: 4 , Cal Amount: 2.00000		
26-JUN-2009 19:50	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\006F0601.D
Cal Level: 5 , Cal Amount: 3.00000		
26-JUN-2009 19:23	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\005F0501.D
Cal Level: 6 , Cal Amount: 4.00000		
26-JUN-2009 18:55	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\004F0401.D
Cal Level: 7 , Cal Amount: 5.00000		
26-JUN-2009 18:28	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\003F0301.D

Continuing Calibration

Cal Level Mode: GLOBAL LEVEL 4

26-JUN-2009 21:40	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\010F1001.D
26-JUN-2009 19:50	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\006F0601.D
26-JUN-2009 19:23	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\005F0501.D

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
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Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Calibration File Names:
Level 1: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\009F0901.D
Level 2: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\008F0801.D
Level 3: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\007F0701.D
Level 4: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\006F0601.D
Level 5: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\005F0501.D SEE CALIBRATION HISTORY
Level 6: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\004F0401.D
Level 7: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\003F0301.D

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	5.0000 Level 7	Curve	Coefficients b	m1	m2	%RSD or R^2
1 o,o,o-TEPT	2.92648	2.44243	2.35582	2.65851	2.57132	2.61478						
	2.53900							AVRG		2.58691		7.02274
2 Dichlorvos	1.96421	1.82228	1.84036	2.17503	2.12732	2.04712						
	2.16332							AVRG		2.01995		7.32345
4 Mevinphos	1.44354	1.24995	1.21811	1.44363	1.32123	1.40873						
	1.43954							AVRG		1.36067		7.12634
5 Demeton-O	1.19821	1.29971	1.18493	1.34261	1.38930	1.37760						
	1.28370							AVRG		1.29658		6.26552

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Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	5.0000 Level 7	Curve	Coefficients b	m1	m2	%RSD or R^2	
6 Thionazin	2.15838	1.84195	1.93751	1.98059	2.08762	2.20076							
	2.03673							AVRG		2.03479		6.19054	
7 Ethoprop	1.70034	1.41105	1.44674	1.51565	1.56615	1.54046							
	1.46268							AVRG		1.52044		6.33190	
8 Phorate	1.89356	1.60276	1.58391	1.69691	1.82591	1.99241							
	1.74661							AVRG		1.76315		8.53946	
9 Naled	94.00000	1666	10859	28010	46004	58330							1/x
	78857							WLINR	0.13436	0.49080		0.99248	
10 Sulfotepp	2.79835	2.53605	2.59328	2.75080	2.67397	2.68532							
	2.57687							AVRG		2.65923		3.59851	
12 Simazine	0.36415	0.34683	0.35351	0.38559	0.39087	0.41510							
	0.41001							AVRG		0.38086		7.05346	
13 Diazinon	12067	15923	49407	98649	155648	181790							1/x
	228810							WLINR	0.01456	1.44446		0.99190	

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Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
14 Atrazine	5427	1231	21316	49088	85997	98759					
	128612						LINR	0.11621	0.83396		0.99221
15 Propazine	4880	8102	20907	43235	72628	85745					
	110050						WLINR	0.02910	0.68050		0.99492
16 Disulfoton	1.39584	1.32983	1.36835	1.41433	1.46581	1.46415					
	1.37843						AVRG		1.40239		3.56764
17 Demeton-S	667	15766	33785	70921	121463	157195					
	175573						WLINR	0.05954	1.76807		0.99272
18 Dimethoate	1.93513	1.88284	1.72920	1.81890	1.98388	1.88204					
	1.92489						AVRG		1.87955		4.46888
19 Ronnel	1.49381	1.09752	1.14631	1.23377	1.29336	1.31702					
	1.27410						AVRG		1.26513		10.15653
20 Merphos-A (Merphos)	0.73714	0.72841	0.76463	0.71117	0.75339	0.75359					
	0.62474						AVRG		0.72472		6.56840

1/x

1/x

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
21 Chlorpyrifos	1.28253	1.15885	1.24944	1.20702	1.32365	1.38773					
	1.37311						AVRG		1.28319		6.60140
22 Fenthion	1.20874	1.15890	1.17283	1.16181	1.25398	1.18816					
	1.18668						AVRG		1.19016		2.76871
23 Trichloronate	6944	26053	49357	106326	170976	208762					
	296442						WLINR	0.05263	1.73863		0.99738
24 Anilazine	1634	2256	3581	6899	11039	13112					
	19108						LINR	-0.00058	0.10979		0.99085
25 Methyl Parathion	1.21391	1.12059	1.22102	1.33829	1.35198	1.32937					
	1.41908						AVRG		1.28489		8.00353
26 Malathion	1.23986	1.19694	1.15056	1.17724	1.17540	1.20726					
	1.27856						AVRG		1.20369		3.60449
27 Tokuthion	1.50291	1.31056	1.35261	1.35076	1.45106	1.48916					
	1.40826						AVRG		1.40933		5.28420

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	5.0000 Level 7	Curve	Coefficients b	m1	m2	%RSD or R^2	
28 Parathion	1.27111	1.15628	1.24872	1.23420	1.30817	1.35972							
	1.28450							AVRG		1.26610		5.02432	
29 Merphos-B (Merphos Oxone)	3793	6271	15065	23458	40683	62127							
	65080							WLINR	-0.05169	0.21659		0.96366	<-NTC, see merphos
30 Tetrachlorvinphos (stirophos)	0.86036	0.73114	0.73243	0.80291	0.86664	0.87311							
	0.86651							AVRG		0.81902		7.82425	
31 Carbophenothion methyl	1.16513	1.02032	1.04699	1.17159	1.27808	1.26831							
	1.26700							AVRG		1.17392		9.08251	
32 Bolstar	1.33280	1.22387	1.19075	1.20601	1.27262	1.22830							
	1.20152							AVRG		1.23655		4.05030	
33 Carbophenothion	1.18442	1.13595	1.15332	1.18001	1.34689	1.22912							
	1.28180							AVRG		1.21593		6.21486	
35 Fensulfothion	0.88346	0.80409	0.88036	0.97346	0.94597	1.00424							
	0.92148							AVRG		0.91615		7.30438	

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	5.0000 Level 7											
37 Phosmet / EPN	19707	35826	68186	146012	207459	263604						
	330448						WLINR	-0.04262	1.00518		0.99785	1/x
38 Famphur	1.45536	1.20800	1.18770	1.39816	1.20947	1.39569						
	1.32805						AVRG		1.31178		8.35158	
39 Azinphos-methyl	1.25589	1.08970	1.07858	1.30240	1.20427	1.27709						
	1.19199						AVRG		1.19999		7.33978	
40 Azinphos-ethyl	1.14013	1.11628	1.12015	1.18786	1.16269	1.14594						
	1.12699						AVRG		1.14286		2.23350	
41 Coumaphos	0.78930	0.81655	0.85887	0.90448	0.89897	0.94628						
	0.93653						AVRG		0.87871		6.77030	
42 Merphos	1.56460	1.43887	1.64263	1.66880	1.73437	1.91569						
	1.70275						AVRG		1.66682		8.85773	
43 Total Demeton	3533	23328	47171	100663	168375	213468						
	244812						WLINR	0.06780	1.63923		0.99469	1/x

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Compound	0.2000000 Level 1	0.5000000 Level 2	1.0000 Level 3	2.0000 Level 4	3.0000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7										
$ 3 Chlormefos	2.19506	1.83698	1.78322	2.03418	2.29040	2.05386					
	2.04016						AVRG		2.03341		8.83890
$ 34 Triphenyl phosphate	1.10969	0.86972	0.91132	1.07710	1.01080	0.99885					
	1.00703						AVRG		0.99779		8.47904

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Last Edit : 30-Jun-2009 12:58 GC_D2.i

Curve	Formula	Units
Averaged	Amt = Rsp/ml	Response
Linear	Amt = b + Rsp/ml	Response
Wt Linear	Amt = b + Rsp/ml	Response

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Report Date: 30-Jun-2009 12:58

Calibration History

Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Start Cal Date: 26-JUN-2009 18:28
End Cal Date : 26-JUN-2009 21:13
Last Cal Level: 1
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 0.20000		
26-JUN-2009 21:13	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\009F0901.D
Cal Level: 2 , Cal Amount: 0.50000		
26-JUN-2009 20:45	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\008F0801.D
Cal Level: 3 , Cal Amount: 1.00000		
26-JUN-2009 20:18	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\007F0701.D
Cal Level: 4 , Cal Amount: 2.00000		
26-JUN-2009 19:50	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\006F0601.D
Cal Level: 5 , Cal Amount: 3.00000		
26-JUN-2009 19:23	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\005F0501.D
Cal Level: 6 , Cal Amount: 4.00000		
26-JUN-2009 18:55	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\004F0401.D
Cal Level: 7 , Cal Amount: 5.00000		
26-JUN-2009 18:28	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\003F0301.D

Continuing Calibration

Cal Level Mode: GLOBAL LEVEL 4

26-JUN-2009 21:40	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\010F1001.D
26-JUN-2009 19:50	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\006F0601.D
26-JUN-2009 19:23	8141A	\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\005F0501.D

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B/010F1001.D
Report Date: 06/30/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Analysis Type: NONE

Injection Date: 26-JUN-2009 21:40
Lab Sample ID: OPP SS GSV0633
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.0000	2.0577	2.9	15.0	
2	Dichlorvos	2.0000	1.9061	4.7	15.0	
3	Mevinphos	2.0000	1.6977	15.1	15.0	<- ok
4	Chlormefos	2.0000	1.7808	11.0	15.0	
5	Thionazin	2.0000	1.9740	1.3	15.0	
6	Demeton-O	0.6500	1.8707	187.8	15.0	<- ok, see total demeton
7	Ethoprop	2.0000	2.0536	2.7	15.0	
8	Naled	2.0000	1.1983	40.1	15.0	<-
9	Sulfotepp	2.0000	1.7932	10.3	15.0	
10	Phorate	2.0000	2.0180	0.9	15.0	
11	Dimethoate	2.0000	2.0859	4.3	15.0	
12	Demeton-S	1.3600	0.2313	83.0	15.0	<- ok, see total demeton
13	Simazine	2.0000	2.6218	31.1	15.0	<-
14	Atrazine	2.0000	1.9566	2.2	15.0	
15	propazine	2.0000	1.9127	4.4	15.0	
17	Disulfoton	2.0000	1.5890	20.6	15.0	<-
16	Diazinon	2.0000	2.1583	7.9	15.0	
18	Methyl Parathion	2.0000	2.0404	2.0	15.0	
19	Ronnel	2.0000	2.1513	7.6	15.0	
20	Malathion	2.0000	1.6248	18.8	15.0	<-
21	Fenthion	2.0000	1.8840	5.8	15.0	
22	Parathion	2.0000	1.9436	2.8	15.0	
23	Chlorpyrifos	2.0000	1.9720	1.4	15.0	
24	Trichloronate	2.0000	1.8619	6.9	15.0	
25	Anilazine	2.0000	1.0151	49.2	15.0	<-
148	Merphos-A (Merphos)	2.0000	0.4078	79.6	999.0	
26	Tetrachlorvinphos (Stirophos)	2.0000	2.0880	4.4	15.0	
28	Tokuthion	2.0000	2.0254	1.3	15.0	
149	Merphos-B (Merphos Oxone)	2.0000	6.6232	231.2	999.0	
29	Carbophenothion-methyl	2.0000	1.3536	32.3	15.0	<-
29	Fensulfothion	2.0000	1.9235	3.8	15.0	
30	Bolstar / Famphur	4.0000	4.0636	1.6	15.0	
32	Carbophenothion	2.0000	1.8639	6.8	15.0	
31	Triphenyl phosphate	2.0000	1.7170	14.2	15.0	
34	Phosmet	2.0000	1.6471	17.6	15.0	<-
32	EPN	2.0000	1.7931	10.3	15.0	
33	Azinphos-methyl	2.0000	1.9226	3.9	15.0	
35	Azinphos-ethyl	2.0000	1.8331	8.3	15.0	
36	Coumaphos	2.0000	2.0063	0.3	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B/010F1001.D
Report Date: 06/30/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Injection Date: 26-JUN-2009 21:40
Lab File ID: 010F1001.D
Lab Sample ID: OPP SS GSV0633
Analysis Type: NONE
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
27 Merphos	2.0000	1.7215	13.9	15.0
40 Total Demeton	2.0000	2.1021	5.1	15.0

Average %D = 23.4

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B/010F1001.D
Report Date: 06/30/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Analysis Type: NONE

Injection Date: 26-JUN-2009 21:40
Lab Sample ID: OPP SS GSV0633
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.0000	2.0069	0.3	15.0	
2	Dichlorvos	2.0000	1.7707	11.5	15.0	
3	Chlormefos	2.0000	1.6957	15.2	15.0	<- ok
4	Mevinphos	2.0000	1.8364	8.2	15.0	
5	Demeton-O	0.6500	2.0472	215.0	15.0	<- ok, see total demeton
6	Thionazin	2.0000	1.8758	6.2	15.0	
7	Ethoprop	2.0000	1.8962	5.2	15.0	
8	Phorate	2.0000	1.9509	2.5	15.0	
10	Naled	2.0000	1.0486	47.6	15.0	<-
146	Sulfotepp	2.0000	1.7143	14.3	15.0	
10	Simazine	2.0000	3.6013	80.1	15.0	<-
12	Diazinon	2.0000	2.0803	4.0	15.0	
150	Atrazine	2.0000	1.9693	1.5	15.0	
13	Propazine	2.0000	1.8742	6.3	15.0	
14	Disulfoton	2.0000	1.6970	15.1	15.0	<- ok
15	Demeton-S	1.3600	0.2011	85.2	15.0	<- ok, see total demeton
16	Dimethoate	2.0000	1.8701	6.5	15.0	
17	Ronnel	2.0000	2.0112	0.6	15.0	
148	Merphos-A (Merphos)	2.0000	0.5348	73.3	999.0	
18	Chlorpyrifos	2.0000	2.1084	5.4	15.0	
19	Fenthion	2.0000	2.0634	3.2	15.0	
20	Trichloronate	2.0000	1.8617	6.9	15.0	
21	Anilazine	2.0000	1.2425	37.9	15.0	<-
23	Methyl Parathion	2.0000	2.0228	1.1	15.0	
24	Malathion	2.0000	1.5362	23.2	15.0	<-
25	Tokuthion	2.0000	1.8925	5.4	15.0	
26	Parathion	2.0000	2.1337	6.7	15.0	
149	Merphos-B (Merphos Oxone)	2.0000	5.0080	150.4	999.0	
27	Tetrachlorvinphos (stirophos)	2.0000	2.0814	4.1	15.0	
28	Carbophenothion methyl	2.0000	1.2466	37.7	15.0	<-
28	Bolstar	2.0000	2.0778	3.9	15.0	
30	Carbophenothion	2.0000	1.7496	12.5	15.0	
29	Triphenyl phosphate	2.0000	1.7275	13.6	15.0	
30	Fensulfothion	2.0000	2.0824	4.1	15.0	
35	Phosmet / EPN	4.0000	3.4695	13.3	15.0	
33	Famphur	2.0000	1.7579	12.1	15.0	
34	Azinphos-methyl	2.0000	1.8108	9.5	15.0	
35	Azinphos-ethyl	2.0000	1.7982	10.1	15.0	
36	Coumaphos	2.0000	1.9588	2.1	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B/010F1001.D
Report Date: 06/30/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D2.i
Injection Date: 26-JUN-2009 21:40
Lab File ID: 010F1001.D
Lab Sample ID: OPP SS GSV0633
Analysis Type: NONE
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
22 Merphos	2.0000	1.6146	19.3	15.0	<-
40 Total Demeton	2.0000	2.2483	12.4	15.0	

Average %D = 24.2

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\003F0301.D
Lab Smp Id: OPP L7 GSV0634 Client Smp ID: OPP L7 GSV0634
Inj Date : 26-JUN-2009 18:28
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L7 GSV0634
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Meth Date : 30-Jun-2009 12:45 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 20:18 Cal File: 007F0701.D
Als bottle: 3 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1 o,o,o-TEPT	3.256	3.254	(0.183)	707938	5.00000	4.923
	2 Dichlorvos	4.075	4.074	(0.228)	456822	5.00000	5.116(A)
	3 Mevinphos	5.736	5.739	(0.322)	240948	5.00000	4.912
$	4 Chlormefos	5.835	5.836	(0.327)	549929	5.00000	4.918
	5 Thionazin	7.505	7.507	(0.421)	493034	5.00000	4.831
	6 Demeton-O	7.645	7.649	(0.428)	165003	1.62500	1.714
	7 Ethoprop	7.846	7.852	(0.440)	445084	5.00000	4.977
	8 Naled	8.053	8.057	(0.451)	121152	5.00000	5.203(A)
*	9 Tributylphosphate	8.110	8.135	(1.000)	206876	2.00000	
	10 Sulfotepp	8.440	8.442	(0.473)	609341	5.00000	4.831
	11 Phorate	8.530	8.532	(0.478)	441181	5.00000	4.764
	12 Dimethoate	8.655	8.659	(0.485)	565436	5.00000	5.256(A)
	13 Demeton-S	8.838	8.846	(0.495)	264954	3.40000	3.396
	14 Simazine	8.921	8.924	(0.500)	190219	5.00000	5.176(A)
	15 Atrazine	9.091	9.094	(0.510)	228392	5.00000	5.475(A)
	16 propazine	9.236	9.241	(0.518)	202756	5.00000	5.268(A)
	17 Disulfoton	9.866	9.869	(0.553)	290419	5.00000	4.668
	18 Diazinon	9.900	9.902	(0.555)	490902	5.00000	4.934
	19 Methyl Parathion	10.715	10.717	(0.601)	322048	5.00000	5.104(A)
	20 Ronnel	11.238	11.241	(0.630)	302582	5.00000	4.640
	21 Malathion	11.801	11.804	(0.661)	283462	5.00000	4.812
	22 Fenthion	11.930	11.932	(0.669)	301476	5.00000	4.701
	23 Parathion	12.020	12.019	(0.674)	334974	5.00000	4.908
	24 Chlorpyrifos	12.068	12.067	(0.676)	398604	5.00000	4.827
	25 Trichloronate	12.493	12.496	(0.700)	365975	5.00000	4.959
	26 Anilazine	12.815	12.817	(0.718)	34322	5.00000	4.247
	27 Merphos-A (Merphos)	13.196	13.199	(0.740)	302744	5.00000	4.916
	28 Tetrachlorvinphos (Stirophos)	13.818	13.824	(0.774)	210886	5.00000	5.153(A)
	29 Tokuthion	14.448	14.449	(0.810)	351657	5.00000	4.970
	30 Merphos-B (Merphos Oxone)	14.646	14.651	(0.821)	79809	5.00000	4.813
	31 Carbophenothion-methyl	15.235	15.239	(0.854)	266724	5.00000	4.968
	32 Fensulfothion	15.356	15.361	(0.861)	295978	5.00000	4.978
	33 Bolstar / Famphur	16.053	16.053	(0.900)	629265	10.0000	9.297

		Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34	Carbophenothion	16.196	16.197	(0.908)	321417	5.00000	4.733
$	35	Triphenyl phosphate	16.710	16.712	(0.936)	244102	5.00000	4.730(A)
	36	Phosmet	16.963	16.963	(0.951)	290049	5.00000	4.990
	37	EPN	17.150	17.151	(0.961)	294020	5.00000	5.219(A)
	38	Azinphos-methyl	17.478	17.480	(0.980)	309219	5.00000	4.993
*	39	TOCP	17.843	17.846	(1.000)	102065	2.00000	
	40	Azinphos-ethyl	17.923	17.926	(1.004)	318459	5.00000	4.789
	41	Coumaphos	18.363	18.366	(1.029)	252650	5.00000	5.058(A)
S	42	Merphos				382553	5.00000	4.876
M	43	Total Demeton				429957	5.00000	5.110

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

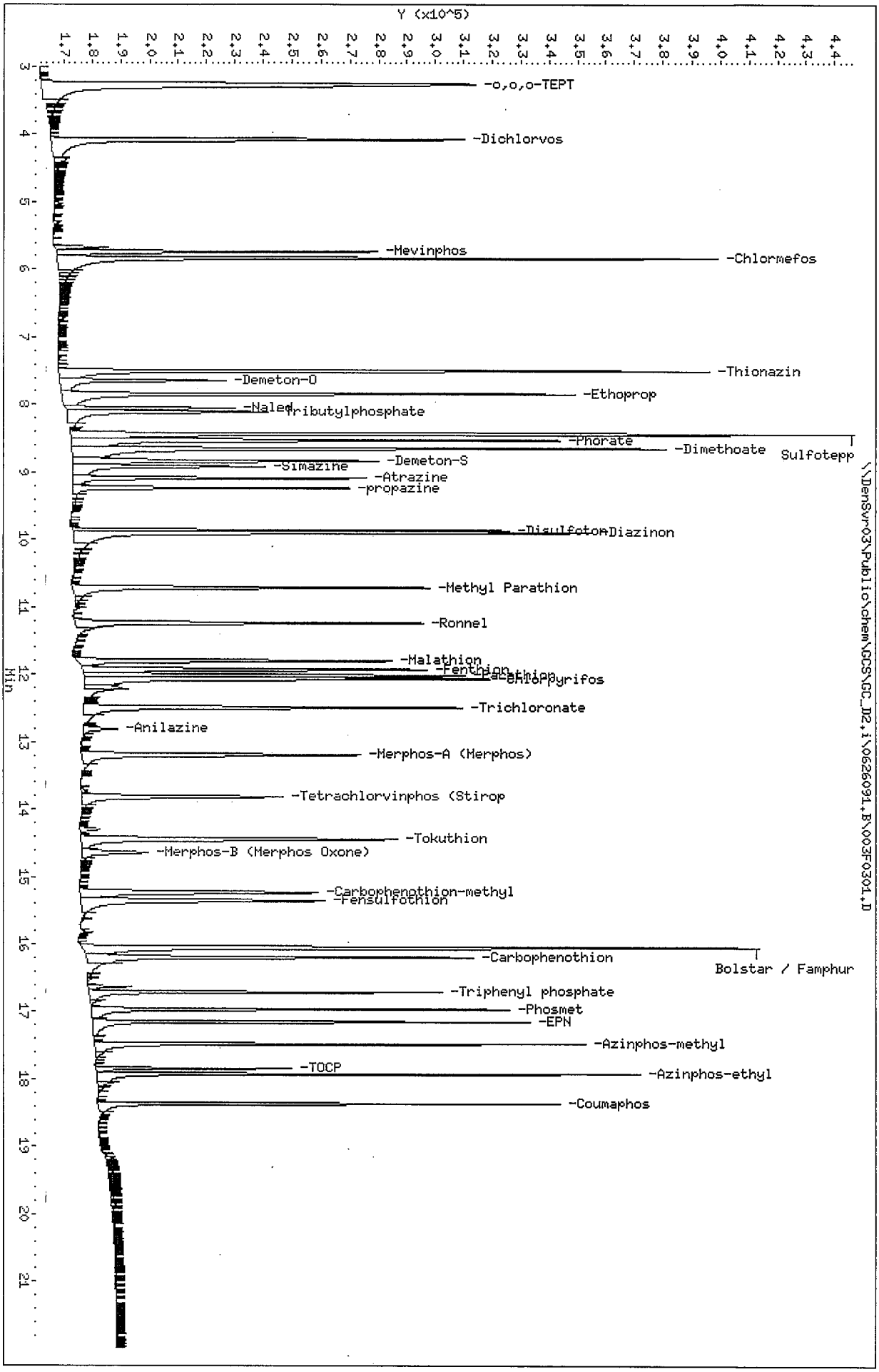
Instrument ID: GC_D2.i
Lab File ID: 003F0301.D
Lab Smp Id: OPP L7 GSV0634
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 26-JUN-2009
Calibration Time: 21:40
Client Smp ID: OPP L7 GSV0634
Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	166572	83286	333144	206876	24.20
39 TOCP	99647	49824	199294	102065	2.43

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.11	7.61	8.61	8.11	-0.03
39 TOCP	17.84	17.34	18.34	17.84	0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



Data File: \\DenSvr03\Public\chem\GCS\GC_D2,i\0626091,B\003F0301,D
Date : 26-JUN-2009 18:28
Client ID: OPP L7 GSV0634
Sample Info: OPP L7 GSV0634
Column phase: RTx-1MS
Instrument: GC_D2,i
Operator: MPK/TLW
Column diameter: 0.32
\\DenSvr03\Public\chem\GCS\GC_D2,i\0626091,B\003F0301,D

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\004F0401.D
Lab Smp Id: OPP L6 GSV0637 Client Smp ID: OPP L6 GSV0637
Inj Date : 26-JUN-2009 18:55
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L6 GSV0637
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Meth Date : 30-Jun-2009 12:45 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 18:28 Cal File: 003F0301.D
Als bottle: 4 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1 o,o,o-TEPT	3.254	3.254	(0.182)	559984	4.00000	4.123
	2 Dichlorvos	4.074	4.074	(0.228)	337386	4.00000	4.000
	3 Mevinphos	5.736	5.739	(0.321)	189437	4.00000	4.089
$	4 Chlormefos	5.834	5.836	(0.327)	433193	4.00000	4.101
	5 Thionazin	7.504	7.507	(0.421)	385808	4.00000	4.002
	6 Demeton-O	7.646	7.649	(0.429)	113108	1.30000	1.237
	7 Ethoprop	7.848	7.852	(0.440)	343730	4.00000	4.069
	8 Naled	8.054	8.057	(0.451)	90892	4.00000	4.172
*	9 Tributylphosphate	8.111	8.135	(1.000)	190710	2.00000	
	10 Sulfotepp	8.439	8.442	(0.473)	486417	4.00000	4.072
	11 Phorate	8.531	8.532	(0.478)	345415	4.00000	3.949
	12 Dimethoate	8.654	8.659	(0.485)	445385	4.00000	4.383
	13 Demeton-S	8.838	8.846	(0.495)	208362	2.72000	2.828
	14 Simazine	8.919	8.924	(0.500)	147784	4.00000	4.272
	15 Atrazine	9.089	9.094	(0.509)	175159	4.00000	4.445
	16 propazine	9.236	9.241	(0.518)	156982	4.00000	4.318
	17 Disulfoton	9.868	9.869	(0.553)	247845	4.00000	4.214
	18 Diazinon	9.901	9.902	(0.555)	354996	4.00000	3.778
	19 Methyl Parathion	10.714	10.717	(0.601)	250051	4.00000	4.196
	20 Ronnel	11.239	11.241	(0.630)	259621	4.00000	4.214
	21 Malathion	11.799	11.804	(0.661)	228260	4.00000	4.097
	22 Fenthion	11.931	11.932	(0.669)	241990	4.00000	3.995
	23 Parathion	12.018	12.019	(0.674)	267071	4.00000	4.142
	24 Chlorpyrifos	12.066	12.067	(0.676)	312992	4.00000	4.013
	25 Trichloronate	12.493	12.496	(0.700)	293942	4.00000	4.216
	26 Anilazine	12.814	12.817	(0.718)	29375	4.00000	4.019
	27 Merphos-A (Merphos)	13.196	13.199	(0.740)	239875	4.00000	4.124
	28 Tetrachlorvinphos (Stirophos)	13.818	13.824	(0.774)	164180	4.00000	4.247
	29 Tokuthion	14.446	14.449	(0.810)	271654	4.00000	4.065
	30 Merphos-B (Merphos Oxone)	14.648	14.651	(0.821)	65974	4.00000	4.215
	31 Carbophenothion-methyl	15.234	15.239	(0.854)	206137	4.00000	4.052
	32 Fensulfothion	15.358	15.361	(0.861)	229856	4.00000	4.110
	33 Bolstar / Famphur	16.053	16.053	(0.900)	495681	8.00000	7.753

		Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34	Carbophenothion	16.194	16.197	(0.908)	272632	4.00000	4.251
$	35	Triphenyl phosphate	16.711	16.712	(0.937)	194548	4.00000	3.991(A)
	36	Phosmet	16.963	16.963	(0.951)	223910	4.00000	4.079
	37	EPN	17.148	17.151	(0.961)	220388	4.00000	4.152
	38	Azinphos-methyl	17.478	17.480	(0.980)	244293	4.00000	4.176
*	39	TOCP	17.843	17.846	(1.000)	96406	2.00000	
	40	Azinphos-ethyl	17.923	17.926	(1.004)	253982	4.00000	4.021
	41	Coumaphos	18.363	18.366	(1.029)	194765	4.00000	4.128
S	42	Merphos				305849	4.00000	4.161
M	43	Total Demeton				321470	4.00000	4.064

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

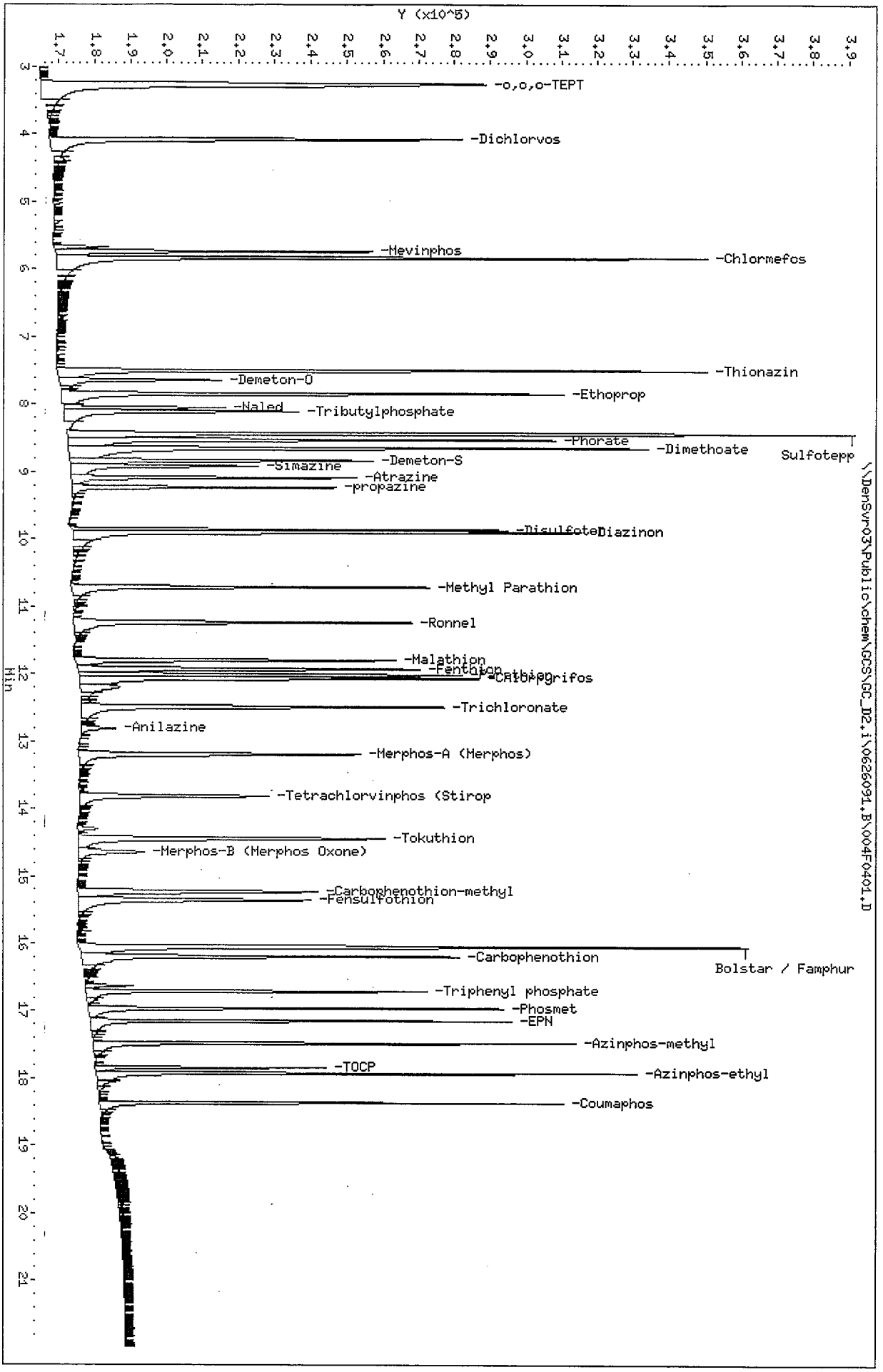
Instrument ID: GC_D2.i
Lab File ID: 004F0401.D
Lab Smp Id: OPP L6 GSV0637
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 26-JUN-2009
Calibration Time: 21:40
Client Smp ID: OPP L6 GSV0637
Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	166572	83286	333144	190710	14.49
39 TOCP	99647	49824	199294	96406	-3.25

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.11	7.61	8.61	8.11	-0.01
39 TOCP	17.84	17.34	18.34	17.84	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\004F0401.D
Date : 26-JUN-2009 18:55
Client ID: OPP L6 GSV0637
Sample Info: OPP L6 GSV0637
Column phase: RTx-1MS
Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\005F0501.D
Lab Smp Id: OPP L5 GSV0635 Client Smp ID: OPP L5 GSV0635
Inj Date : 26-JUN-2009 19:23
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L5 GSV0635
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Meth Date : 30-Jun-2009 12:45 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 18:55 Cal File: 004F0401.D
Als bottle: 5 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/mL)
	1 o,o,o-TEPT	3.254	3.254	(0.182)	430120	3.00000	2.892
	2 Dichlorvos	4.074	4.074	(0.228)	272336	3.00000	2.949
	3 Mevinphos	5.737	5.739	(0.322)	150686	3.00000	2.970
$	4 Chlormefos	5.834	5.836	(0.327)	373109	3.00000	3.226
	5 Thionazin	7.504	7.507	(0.421)	310451	3.00000	2.941
	6 Demeton-O	7.646	7.649	(0.429)	96004	0.97500	0.9530
	7 Ethoprop	7.847	7.852	(0.440)	275706	3.00000	2.981
	8 Naled	8.054	8.057	(0.451)	67594	3.00000	2.896
*	9 Tributylphosphate	8.111	8.135	(1.000)	190357	2.00000	
	10 Sulfotepp	8.439	8.442	(0.473)	393078	3.00000	2.987
	11 Phorate	8.531	8.532	(0.478)	279291	3.00000	2.916
	12 Dimethoate	8.654	8.659	(0.485)	354003	3.00000	3.181
	13 Demeton-S	8.837	8.846	(0.495)	167136	2.04000	2.071
	14 Simazine	8.919	8.924	(0.500)	115426	3.00000	3.070
	15 Atrazine	9.089	9.094	(0.509)	135287	3.00000	3.135
	16 propazine	9.236	9.241	(0.518)	119795	3.00000	3.009
	17 Disulfoton	9.867	9.869	(0.553)	193050	3.00000	2.986
	18 Diazinon	9.901	9.902	(0.555)	314608	3.00000	3.057
	19 Methyl Parathion	10.714	10.717	(0.600)	206402	3.00000	3.163
	20 Ronnel	11.239	11.241	(0.630)	197062	3.00000	2.921
	21 Malathion	11.799	11.804	(0.661)	186013	3.00000	3.038
	22 Fenthion	11.931	11.932	(0.669)	198864	3.00000	2.998
	23 Parathion	12.017	12.019	(0.674)	215846	3.00000	3.057
	24 Chlorpyrifos	12.066	12.067	(0.676)	255782	3.00000	2.995
	25 Trichloronate	12.494	12.496	(0.700)	231599	3.00000	3.034
	26 Anilazine	12.812	12.817	(0.718)	19893	3.00000	2.881
	27 Merphos-A (Merphos)	13.196	13.199	(0.740)	192022	3.00000	3.015
	28 Tetrachlorvinphos (Stirophos)	13.816	13.824	(0.774)	134968	3.00000	3.188
	29 Tokuthion	14.447	14.449	(0.810)	220825	3.00000	3.018
	30 Merphos-B (Merphos Oxone)	14.647	14.651	(0.821)	50056	3.00000	2.927
	31 Carbophenothion-methyl	15.236	15.239	(0.854)	167145	3.00000	2.983
	32 Fensulfothion	15.356	15.361	(0.861)	185778	3.00000	3.058
	33 Bolstar / Famphur	16.051	16.053	(0.900)	404218	6.00000	5.774

		Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34	Carbophenothion	16.194	16.197	(0.908)	199717	3.00000	2.844
$	35	Triphenyl phosphate	16.711	16.712	(0.937)	157761	3.00000	2.956(A)
	36	Phosmet	16.962	16.963	(0.951)	177892	3.00000	2.959
	37	EPN	17.149	17.151	(0.961)	171283	3.00000	2.961
	38	Azinphos-methyl	17.476	17.480	(0.979)	195645	3.00000	3.054
*	39	TOCP	17.842	17.846	(1.000)	105568	2.00000	
	40	Azinphos-ethyl	17.922	17.926	(1.004)	209971	3.00000	2.999
	41	Coumaphos	18.364	18.366	(1.029)	159962	3.00000	3.096
S	42	Merphos				242078	3.00000	2.978
M	43	Total Demeton				263140	3.00000	3.024

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

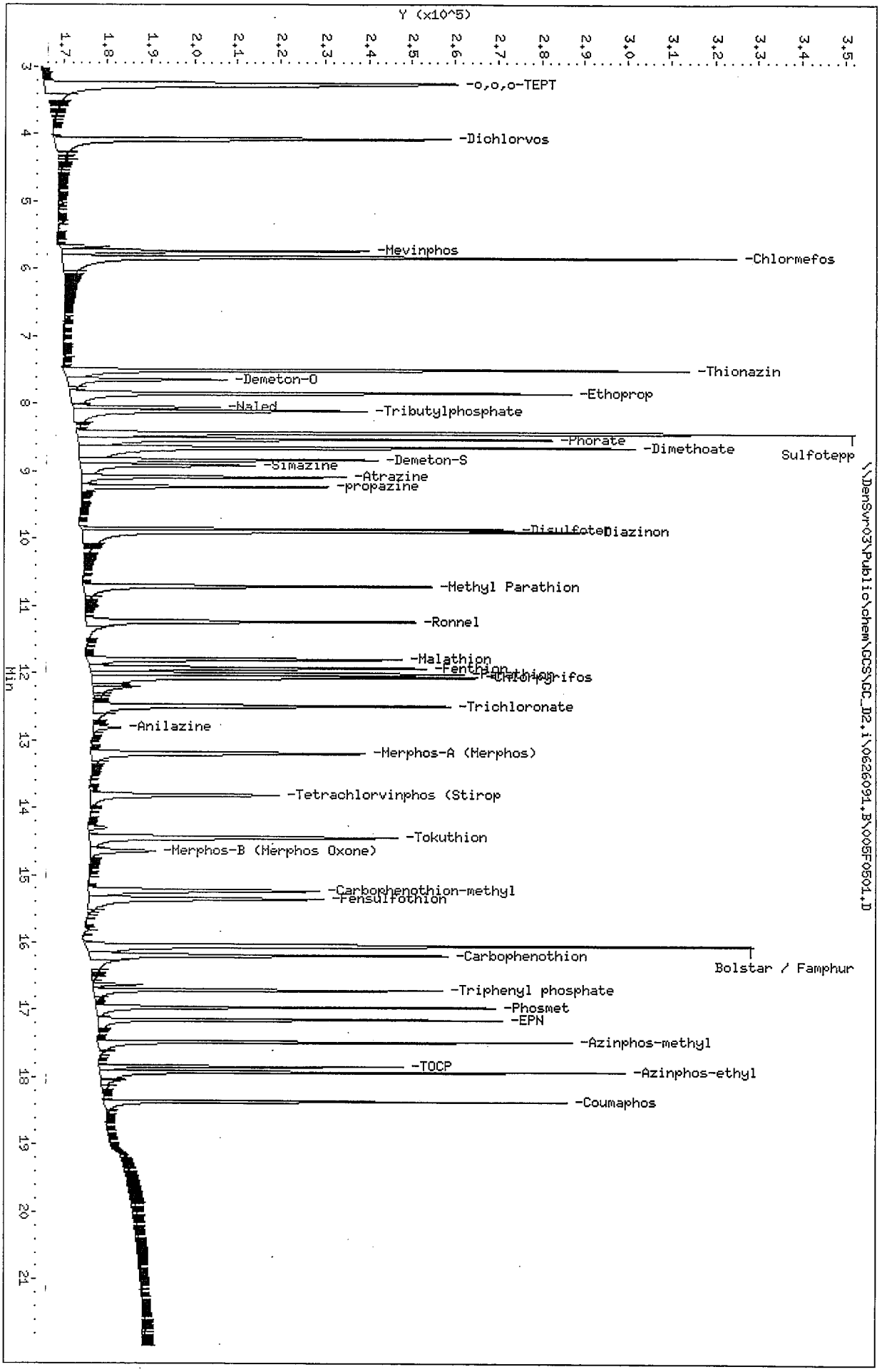
Instrument ID: GC_D2.i
Lab File ID: 005F0501.D
Lab Smp Id: OPP L5 GSV0635
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 26-JUN-2009
Calibration Time: 21:40
Client Smp ID: OPP L5 GSV0635
Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	166572	83286	333144	190357	14.28
39 TOCP	99647	49824	199294	105568	5.94

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.11	7.61	8.61	8.11	-0.02
39 TOCP	17.84	17.34	18.34	17.84	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\005F0501.D
Date : 26-JUN-2009 19:23
Client ID: OPP L5 GSV0635
Sample Info: OPP L5 GSV0635
Column phase: RTx-1HS
Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\006F0601.D
Lab Smp Id: OPP L4 GSV0638 Client Smp ID: OPP L4 GSV0638
Inj Date : 26-JUN-2009 19:50
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L4 GSV0638
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Meth Date : 30-Jun-2009 12:45 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 19:23 Cal File: 005F0501.D
Als bottle: 6 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/mL)
	1 o,o,o-TEPT	3.255	3.254	(0.182)	282037	2.00000	2.056
	2 Dichlorvos	4.075	4.074	(0.228)	171715	2.00000	2.016
	3 Mevinphos	5.737	5.739	(0.322)	99077	2.00000	2.117
$	4 Chlormefos	5.834	5.836	(0.327)	220122	2.00000	2.064
	5 Thionazin	7.504	7.507	(0.421)	202723	2.00000	2.082
	6 Demeton-O	7.647	7.649	(0.429)	62341	0.65000	0.6633
	7 Ethoprop	7.849	7.852	(0.440)	168636	2.00000	1.977
	8 Naled	8.055	8.057	(0.451)	36940	2.00000	1.794
*	9 Tributylphosphate	8.112	8.135	(1.000)	160310	2.00000	
	10 Sulfotepp	8.439	8.442	(0.473)	259970	2.00000	2.122
	11 Phorate	8.530	8.532	(0.478)	177561	2.00000	2.010
	12 Dimethoate	8.655	8.659	(0.485)	219744	2.00000	2.141
	13 Demeton-S	8.840	8.846	(0.495)	104966	1.36000	1.410
	14 Simazine	8.919	8.924	(0.500)	64611	2.00000	1.894
	15 Atrazine	9.089	9.094	(0.509)	82396	2.00000	2.070
	16 propazine	9.235	9.241	(0.518)	76116	2.00000	2.073
	17 Disulfoton	9.867	9.869	(0.553)	127893	2.00000	2.134
	18 Diazinon	9.902	9.902	(0.555)	196533	2.00000	2.071
	19 Methyl Parathion	10.714	10.717	(0.600)	128904	2.00000	2.142
	20 Ronnel	11.239	11.241	(0.630)	125931	2.00000	2.024
	21 Malathion	11.799	11.804	(0.661)	119836	2.00000	2.110
	22 Fenthion	11.930	11.932	(0.669)	125692	2.00000	2.054
	23 Parathion	12.017	12.019	(0.673)	135333	2.00000	2.078
	24 Chlorpyrifos	12.067	12.067	(0.676)	158619	2.00000	2.014
	25 Trichloronate	12.494	12.496	(0.700)	144264	2.00000	2.049
	26 Anilazine	12.815	12.817	(0.718)	12790	2.00000	2.151
	27 Merphos-A (Merphos)	13.197	13.199	(0.740)	120719	2.00000	2.055
	28 Tetrachlorvinphos (Stirophos)	13.817	13.824	(0.774)	81250	2.00000	2.081
	29 Tokuthion	14.447	14.449	(0.810)	140431	2.00000	2.081
	30 Merphos-B (Merphos Oxone)	14.649	14.651	(0.821)	34113	2.00000	2.168
	31 Carbophenothion-methyl	15.235	15.239	(0.854)	105577	2.00000	2.022
	32 Fensulfothion	15.357	15.361	(0.861)	104440	2.00000	1.901
	33 Bolstar / Famphur	16.052	16.053	(0.900)	260611	4.00000	4.036

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/mL)
	34 Carbophenothion	16.195	16.197	(0.908)	128846	2.00000	1.989
$	35 Triphenyl phosphate	16.710	16.712	(0.936)	102669	2.00000	2.086 (A)
	36 Phosmet	16.962	16.963	(0.951)	117406	2.00000	2.118
	37 EPN	17.149	17.151	(0.961)	111165	2.00000	2.098
	38 Azinphos-methyl	17.477	17.480	(0.979)	124853	2.00000	2.113
*	39 TOCP	17.844	17.846	(1.000)	97363	2.00000	
	40 Azinphos-ethyl	17.924	17.926	(1.004)	134607	2.00000	2.040
	41 Coumaphos	18.364	18.366	(1.029)	99259	2.00000	2.083
S	42 Merphos				154832	2.00000	2.068
M	43 Total Demeton				167307	2.00000	2.074

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

TestAmerica

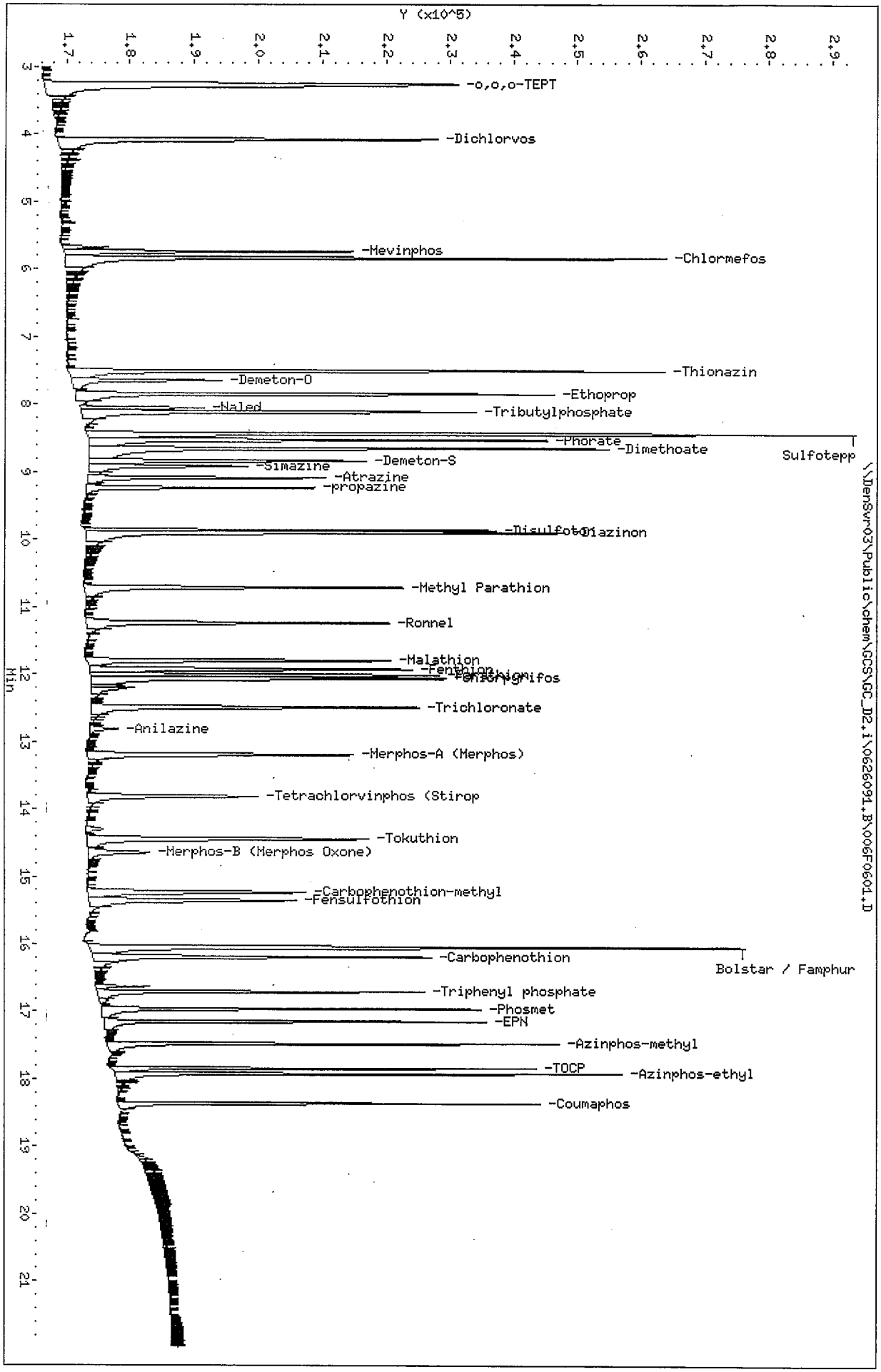
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 006F0601.D
Lab Smp Id: OPP L4 GSV0638
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Calibration Date: 26-JUN-2009
Calibration Time: 19:50
Client Smp ID: OPP L4 GSV0638
Level:
Sample Type:
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Misc Info: IS - GSV0633-09

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	160310	80155	320620	160310	0.00
39 TOCP	97363	48682	194726	97363	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.11	7.61	8.61	8.11	0.00
39 TOCP	17.84	17.34	18.34	17.84	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



Data File: \\DenSvr03\Public\chem\GCS\GC_D2,i\0626094,B\006F0604,D
Date : 26-JUN-2009 19:50
Client ID: OPP L4 GSV0638
Sample Info: OPP L4 GSV0638
Column phase: RTx-1MS

Instrument: GC_D2,i
Operator: HPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\007F0701.D
Lab Smp Id: OPP L3 GSV0639 Client Smp ID: OPP L3 GSV0639
Inj Date : 26-JUN-2009 20:18
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L3 GSV0639
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Meth Date : 30-Jun-2009 12:45 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 19:50 Cal File: 006F0601.D
Als bottle: 7 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1 o,o,o-TEPT	3.253	3.254	(0.182)	136897	1.00000	0.9509
	2 Dichlorvos	4.075	4.074	(0.228)	81003	1.00000	0.9061
	3 Mevinphos	5.738	5.739	(0.322)	46063	1.00000	0.9380
$	4 Chlormefos	5.833	5.836	(0.327)	102183	1.00000	0.9128
	5 Thionazin	7.503	7.507	(0.421)	99560	1.00000	0.9745
	6 Demeton-O	7.645	7.649	(0.429)	30145	0.32500	0.2917
	7 Ethoprop	7.850	7.852	(0.440)	82934	1.00000	0.9263
	8 Naled	8.055	8.057	(0.451)	15042	1.00000	0.8141
*	9 Tributylphosphate	8.113	8.135	(1.000)	156624	2.00000	
	10 Sulfotepp	8.438	8.442	(0.473)	131347	1.00000	0.9856
	11 Phorate	8.530	8.532	(0.478)	88795	1.00000	0.9577
	12 Dimethoate	8.657	8.659	(0.485)	105981	1.00000	0.9840
	13 Demeton-S	8.840	8.846	(0.495)	51826	0.68000	0.6636
	14 Simazine	8.918	8.924	(0.500)	29382	1.00000	0.8660
	15 Atrazine	9.088	9.094	(0.509)	38356	1.00000	0.9184
	16 propazine	9.235	9.241	(0.518)	35375	1.00000	0.9180
	17 Disulfoton	9.867	9.869	(0.553)	61920	1.00000	0.9637
	18 Diazinon	9.902	9.902	(0.555)	93892	1.00000	0.9427
	19 Methyl Parathion	10.715	10.717	(0.601)	58112	1.00000	0.9200
	20 Ronnel	11.240	11.241	(0.630)	61984	1.00000	0.9493
	21 Malathion	11.800	11.804	(0.661)	57103	1.00000	0.9353
	22 Fenthion	11.930	11.932	(0.669)	59512	1.00000	0.9268
	23 Parathion	12.017	12.019	(0.674)	63007	1.00000	0.9220
	24 Chlorpyrifos	12.067	12.067	(0.676)	75298	1.00000	0.9108
	25 Trichloronate	12.493	12.496	(0.700)	68852	1.00000	0.9318
	26 Anilazine	12.817	12.817	(0.718)	5311	1.00000	0.9480
	27 Merphos-A (Merphos)	13.198	13.199	(0.740)	59249	1.00000	0.9611
	28 Tetrachlorvinphos (Stirophos)	13.818	13.824	(0.775)	37534	1.00000	0.9161
	29 Tokuthion	14.448	14.449	(0.810)	66164	1.00000	0.9341
	30 Merphos-B (Merphos Oxone)	14.647	14.651	(0.821)	11676	1.00000	0.7212
	31 Carbophenothion-methyl	15.235	15.239	(0.854)	55023	1.00000	0.9704
	32 Fensulfothion	15.360	15.361	(0.861)	51304	1.00000	0.9402
	33 Bolstar / Famphur	16.050	16.053	(0.900)	135217	2.00000	1.995

		Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34	Carbophenothion	16.193	16.197	(0.908)	65237	1.00000	0.9596
$	35	Triphenyl phosphate	16.708	16.712	(0.936)	49547	1.00000	0.9591
	36	Phosmet	16.962	16.963	(0.951)	56728	1.00000	0.9749
	37	EPN	17.148	17.151	(0.961)	48705	1.00000	0.9045
	38	Azinphos-methyl	17.478	17.480	(0.980)	59658	1.00000	0.9622
*	39	TOCP	17.842	17.846	(1.000)	102183	2.00000	
	40	Azinphos-ethyl	17.923	17.926	(1.005)	74071	1.00000	0.9989
	41	Coumaphos	18.363	18.366	(1.029)	47132	1.00000	0.9424
S	42	Merphos				70925	1.00000	0.8976
M	43	Total Demeton				81971	1.00000	0.9553

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 007F0701.D
Lab Smp Id: OPP L3 GSV0639
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 26-JUN-2009
Calibration Time: 19:50
Client Smp ID: OPP L3 GSV0639
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	160310	80155	320620	156624	-2.30
39 TOCP	97363	48682	194726	102183	4.95

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.11	7.61	8.61	8.11	0.02
39 TOCP	17.84	17.34	18.34	17.84	-0.01

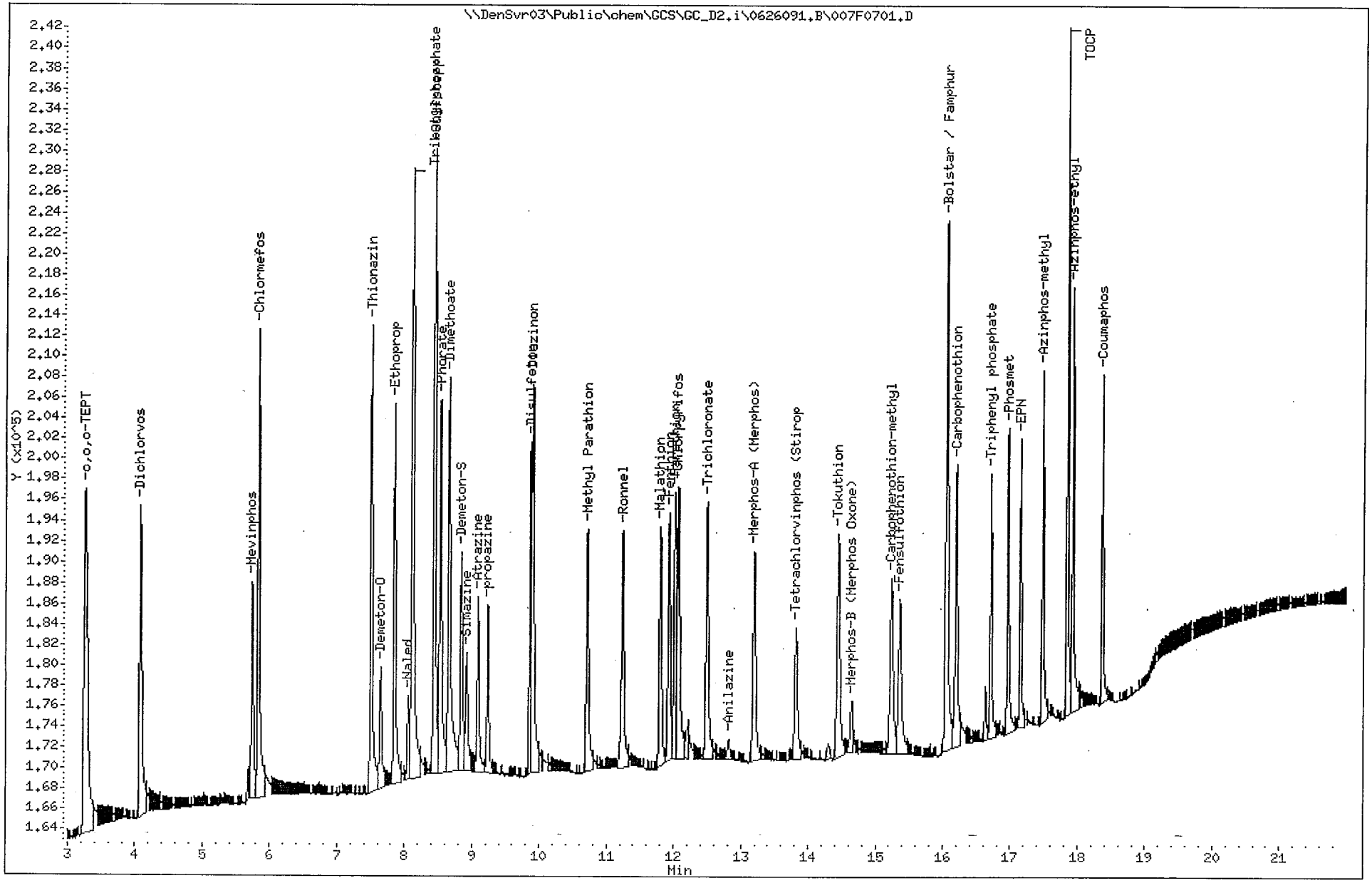
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\007F0701.D
Date : 26-JUN-2009 20:18
Client ID: OPP L3 GSV0639
Sample Info: OPP L3 GSV0639

Instrument: GC_D2.i

Operator: MPK/TLW
Column diameter: 0.32

Column phase: RTx-1MS



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\008F0801.D
Lab Smp Id: OPP L2 GSV0640 Client Smp ID: OPP L2 GSV0640
Inj Date : 26-JUN-2009 20:45
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L2 GSV0640
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Meth Date : 30-Jun-2009 12:45 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 20:18 Cal File: 007F0701.D
Als bottle: 8 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1 o,o,o-TEPT	3.255	3.254	(0.182)	68743	0.50000	0.4680
	2 Dichlorvos	4.076	4.074	(0.228)	42284	0.50000	0.4636
	3 Mevinphos	5.738	5.739	(0.322)	23796	0.50000	0.4749
$	4 Chlormefos	5.833	5.836	(0.327)	53089	0.50000	0.4648
	5 Thionazin	7.505	7.507	(0.421)	50724	0.50000	0.4866
	6 Demeton-O	7.646	7.649	(0.429)	17553	0.16250	0.1554
	7 Ethoprop	7.851	7.852	(0.440)	44525	0.50000	0.4874
	8 Naled	8.056	8.057	(0.452)	6103	0.50000	0.4398
*	9 Tributylphosphate	8.113	8.135	(1.000)	165852	2.00000	
	10 Sulfotepp	8.438	8.442	(0.473)	70885	0.50000	0.4886
	11 Phorate	8.530	8.532	(0.478)	47685	0.50000	0.5040
	12 Dimethoate	8.660	8.659	(0.485)	46100	0.50000	0.4195
	13 Demeton-S	8.843	8.846	(0.496)	25917	0.34000	0.3252
	14 Simazine	8.920	8.924	(0.500)	16248	0.50000	0.5059
	15 Atrazine	9.091	9.094	(0.510)	19948	0.50000	0.4681
	16 propazine	9.236	9.241	(0.518)	18281	0.50000	0.4649
	17 Disulfoton	9.866	9.869	(0.553)	33208	0.50000	0.4883
	18 Diazinon	9.903	9.902	(0.555)	47843	0.50000	0.4708
	19 Methyl Parathion	10.715	10.717	(0.601)	28773	0.50000	0.4464
	20 Ronnel	11.240	11.241	(0.630)	32156	0.50000	0.4827
	21 Malathion	11.800	11.804	(0.661)	30581	0.50000	0.4713
	22 Fenthion	11.931	11.932	(0.669)	30876	0.50000	0.4713
	23 Parathion	12.016	12.019	(0.673)	32682	0.50000	0.4687
	24 Chlorpyrifos	12.066	12.067	(0.676)	40856	0.50000	0.4843
	25 Trichloronate	12.493	12.496	(0.700)	37156	0.50000	0.4928
	26 Anilazine	12.820	12.817	(0.718)	2095	0.50000	0.4035 (M)
	27 Merphos-A (Merphos)	13.200	13.199	(0.740)	30112	0.50000	0.4787
	28 Tetrachlorvinphos (Stirophos)	13.818	13.824	(0.774)	19446	0.50000	0.4652
	29 Tokuthion	14.448	14.449	(0.810)	33437	0.50000	0.4626
	30 Merphos-B (Merphos Oxone)	14.651	14.651	(0.821)	7933	0.50000	0.4872 (M)
	31 Carbophenothion-methyl	15.235	15.239	(0.854)	30542	0.50000	0.4974
	32 Fensulfothion	15.360	15.361	(0.861)	23000	0.50000	0.4661
	33 Bolstar / Famphur	16.050	16.053	(0.899)	66619	1.00000	0.9635

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	16.193	16.197	(0.908)	31276	0.50000	0.4509
$	35 Triphenyl phosphate	16.710	16.712	(0.936)	25861	0.50000	0.4906
	36 Phosmet	16.961	16.963	(0.951)	26426	0.50000	0.4451
	37 EPN	17.148	17.151	(0.961)	23196	0.50000	0.4484
	38 Azinphos-methyl	17.478	17.480	(0.980)	29588	0.50000	0.4677
*	39 TOCP	17.843	17.846	(1.000)	104260	2.00000	
	40 Azinphos-ethyl	17.923	17.926	(1.004)	43578	0.50000	0.5132
	41 Coumaphos	18.363	18.366	(1.029)	23408	0.50000	0.4587
S	42 Merphos				38045	0.50000	0.4789
M	43 Total Demeton				43470	0.50000	0.4806

QC Flag Legend

M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

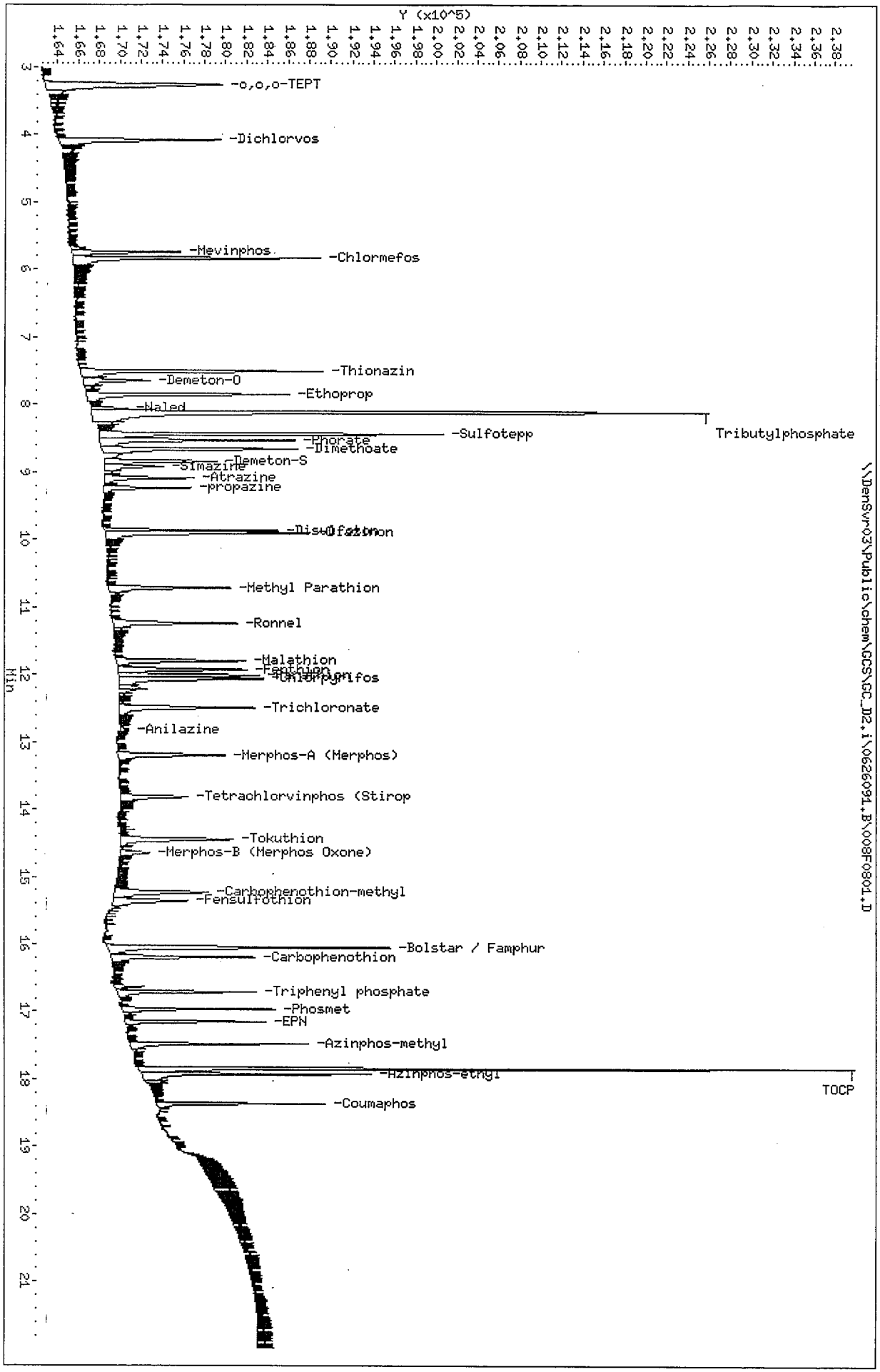
Instrument ID: GC_D2.i
Lab File ID: 008F0801.D
Lab Smp Id: OPP L2 GSV0640
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 26-JUN-2009
Calibration Time: 19:50
Client Smp ID: OPP L2 GSV0640
Level:
Sample Type:

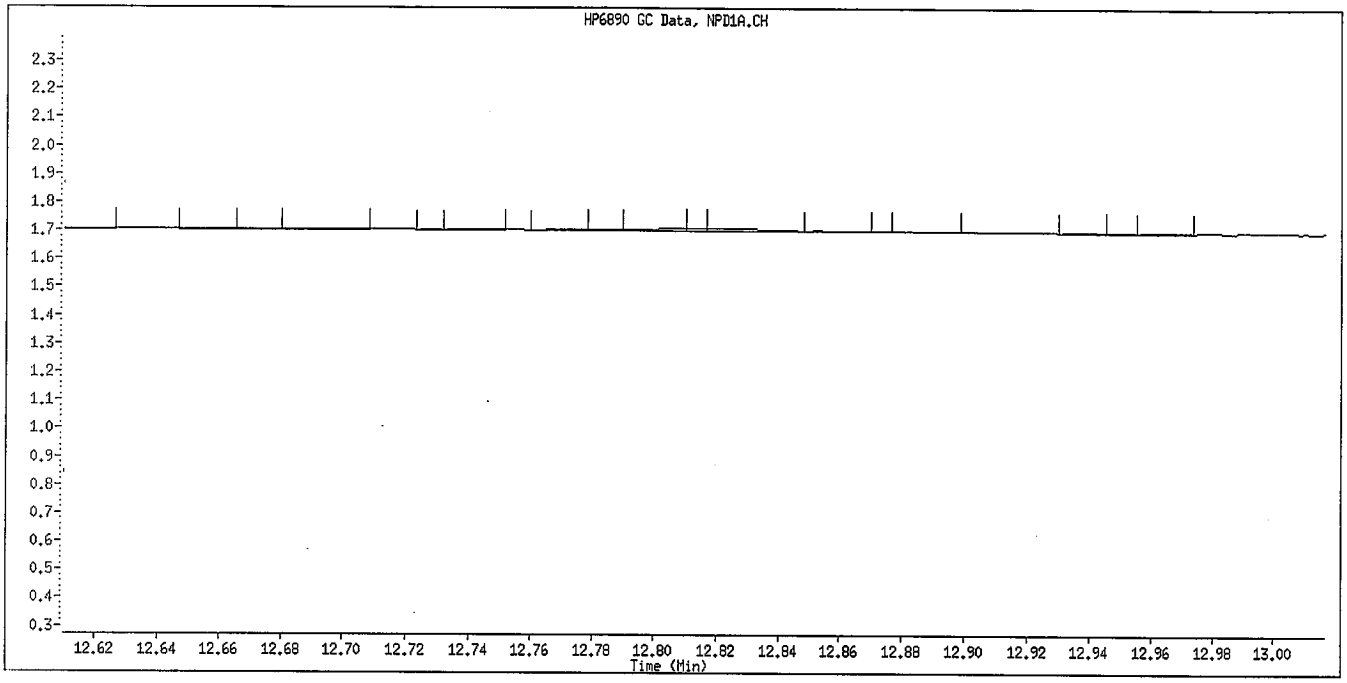
		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	160310	80155	320620	165852	3.46
39 TOCP	97363	48682	194726	104260	7.08

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.11	7.61	8.61	8.11	0.01
39 TOCP	17.84	17.34	18.34	17.84	-0.00

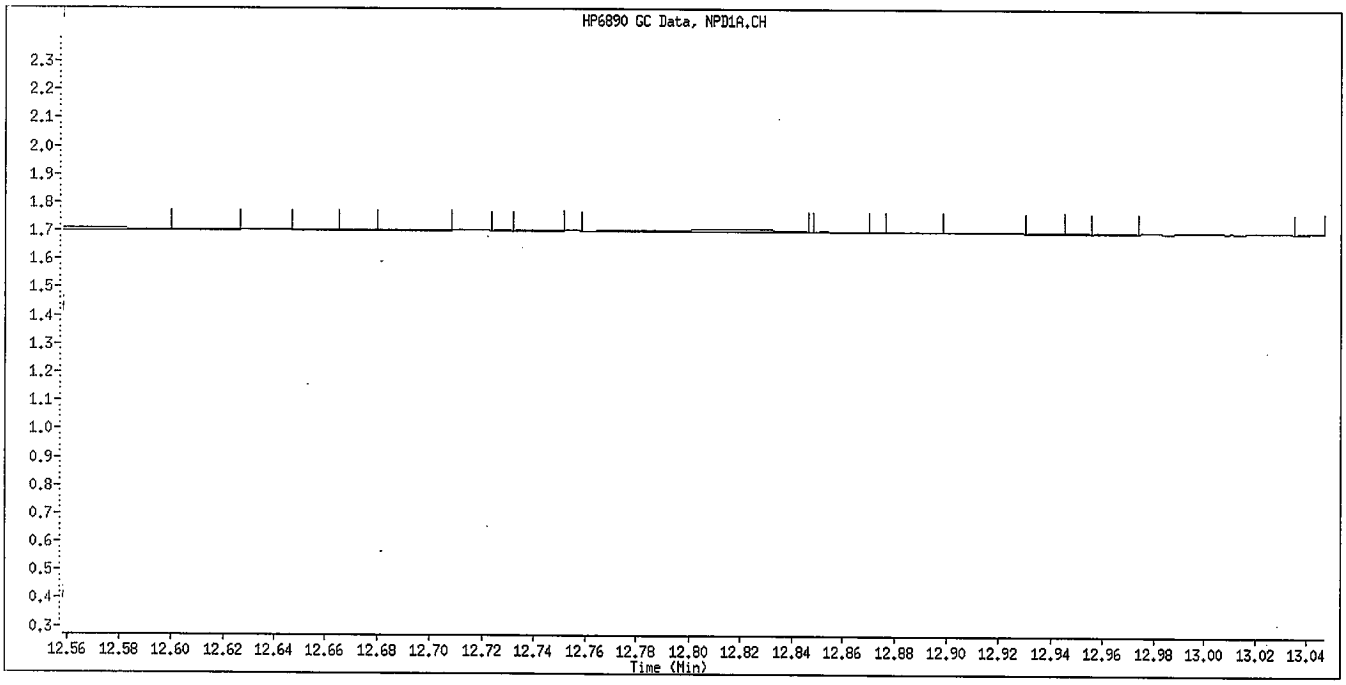
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\DenSvr03\Public\chem\GCS\GC_D2,i\0626091,B\008F0801,D
Date : 26-JUN-2009 20:45
Client ID: OPP L2 GSV0640
Sample Info: OPP L2 GSV0640
Column phase: RTx-1MS
Instrument: GC_D2,i
Operator: MPK/TLW
Column diameter: 0.32
Y (x10^5)
Min
-o,o,o-TEPT
-Dichlorvos
-Mevinphos
-Chlormefos
-Thionazin
-Demeton-O
-Ethoprop
-Naled
-Sulfotepp
-Phorate
-Dimethoate
-Demeton-S
-Simazine
-Atrazine
-propazine
-Methyl Parathion
-Ronnel
-Malathion
-Trichloronate
-Anilazine
-Merphos-A (Merphos)
-Tetrachlorvinphos (Stirop
-Tokuthion
-Merphos-B (Merphos Oxone)
-Carbophenothion-methyl
-Fensulfothion
-Bolstar / Famphur
-Carbophenothion
-Triphenyl phosphate
-Phosmet
-EPN
-Azinphos-methyl
-Azinphos-ethyl
-Coumaphos
Tributylphosphate
TOCP
\\DenSvr03\Public\chem\GCS\GC_D2,i\0626091,B\008F0801,D

Data File Name: 008F0801.D
Inj. Date and Time: 26-JUN-2009 20:45
Instrument ID: GC_D2.i
Client ID: OPP L2 GSV0640
Compound Name: Anilazine
CAS #:
Report Date: 06/30/2009



Original Integration

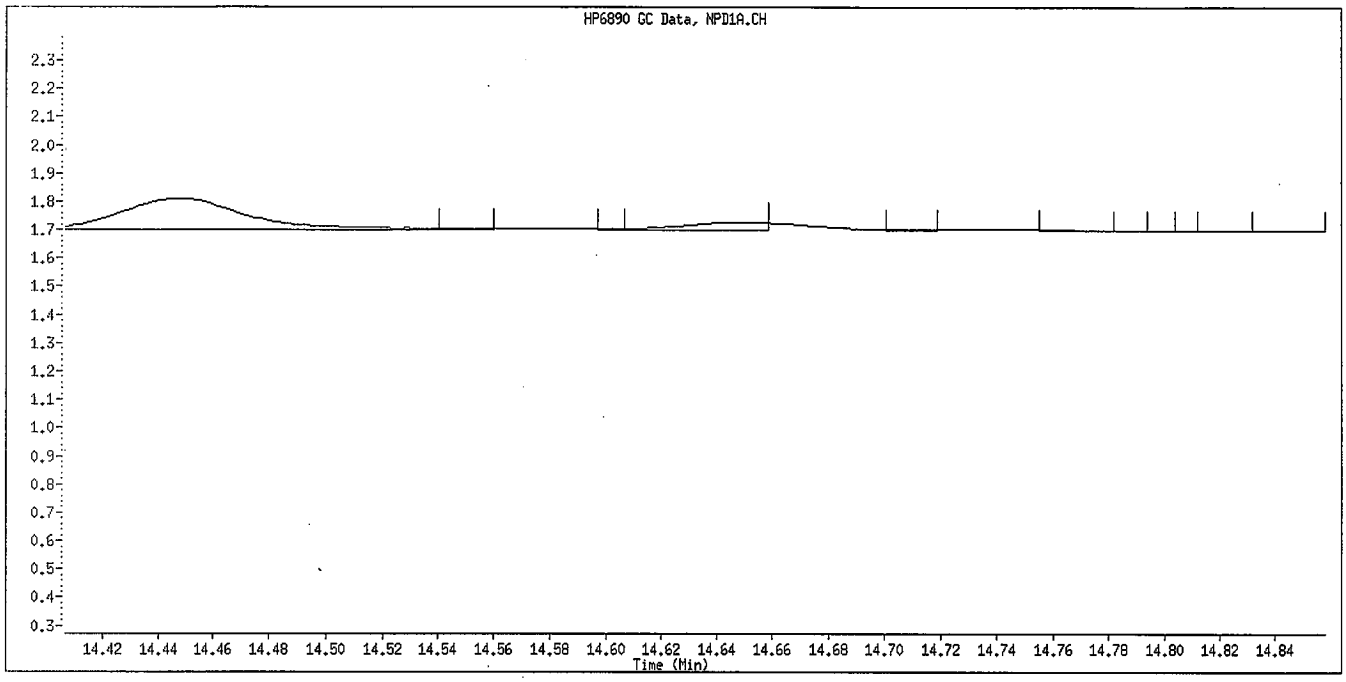


Manual Integration

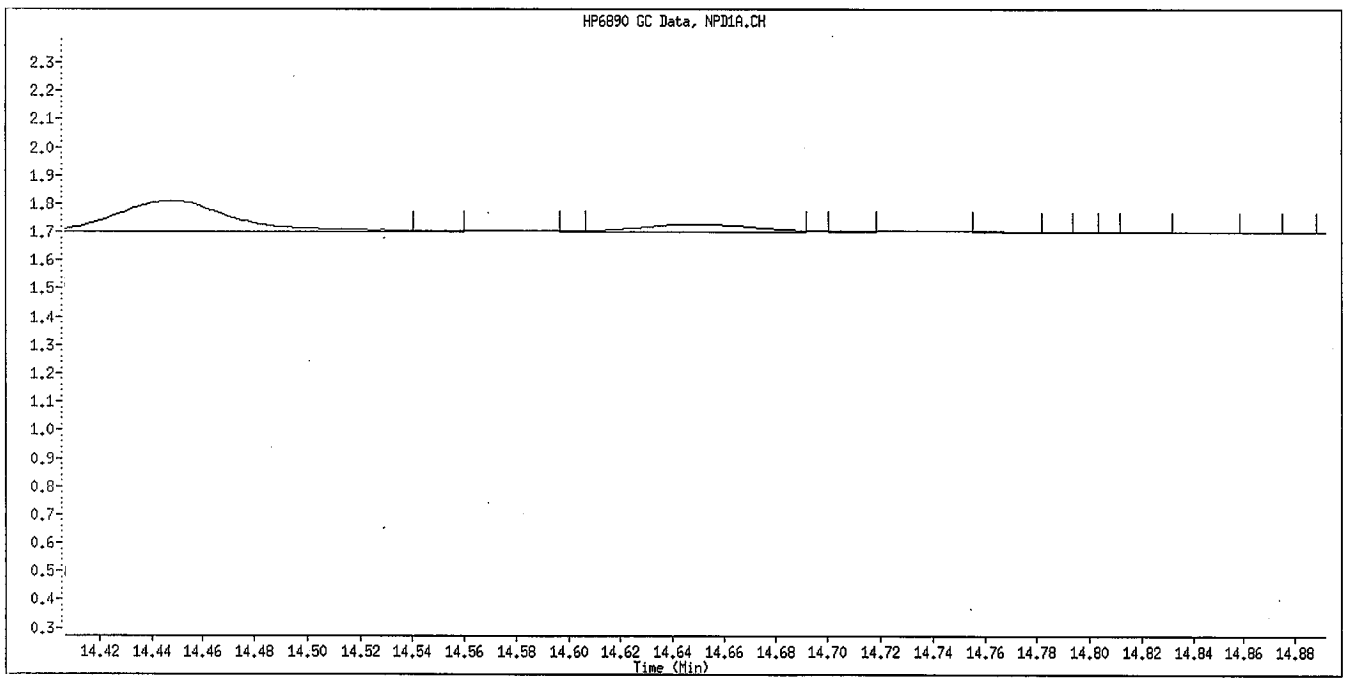
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

7/30/09

Data File Name: 008F0801.D
Inj. Date and Time: 26-JUN-2009 20:45
Instrument ID: GC_D2.i
Client ID: OPP L2 GSV0640
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\009F0901.D
Lab Smp Id: OPP L1 GSV0641 Client Smp ID: OPP L1 GSV0641
Inj Date : 26-JUN-2009 21:13
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L1 GSV0641
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Meth Date : 30-Jun-2009 12:45 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 20:45 Cal File: 008F0801.D
Als bottle: 9 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/mL)
	1 o,o,o-TEPT	3.258	3.254	(0.183)	32995	0.20000	0.2212
	2 Dichlorvos	4.081	4.074	(0.229)	21359	0.20000	0.2306
	3 Mevinphos	5.743	5.739	(0.322)	10777	0.20000	0.2118
$	4 Chlormefos	5.834	5.836	(0.327)	24167	0.20000	0.2083
	5 Thionazin	7.506	7.507	(0.421)	22524	0.20000	0.2127
	6 Demeton-O	7.646	7.649	(0.429)	9836	0.06500	0.07420
	7 Ethoprop	7.854	7.852	(0.440)	20488	0.20000	0.2208
	8 Naled	8.063	8.057	(0.452)	1992	0.20000	0.2720(M)
*	9 Tributylphosphate	8.114	8.135	(1.000)	165799	2.00000	
	10 Sulfotepp	8.439	8.442	(0.473)	34658	0.20000	0.1992
	11 Phorate	8.531	8.532	(0.478)	21475	0.20000	0.2235
	12 Dimethoate	8.664	8.659	(0.486)	20073	0.20000	0.1798
	13 Demeton-S	8.846	8.846	(0.496)	10751	0.13600	0.1328
	14 Simazine	8.926	8.924	(0.500)	4819	0.20000	0.2042(M)
	15 Atrazine	9.093	9.094	(0.510)	7432	0.20000	0.1717
	16 propazine	9.238	9.241	(0.518)	7824	0.20000	0.1959
	17 Disulfoton	9.868	9.869	(0.553)	15404	0.20000	0.2020
	18 Diazinon	9.904	9.902	(0.555)	23321	0.20000	0.2259
	19 Methyl Parathion	10.716	10.717	(0.601)	12987	0.20000	0.1984
	20 Ronnel	11.239	11.241	(0.630)	15128	0.20000	0.2236
	21 Malathion	11.801	11.804	(0.661)	15443	0.20000	0.2136
	22 Fenthion	11.931	11.932	(0.669)	15507	0.20000	0.2330
	23 Parathion	12.019	12.019	(0.674)	15083	0.20000	0.2130
	24 Chlorpyrifos	12.069	12.067	(0.676)	19655	0.20000	0.2294
	25 Trichloronate	12.494	12.496	(0.700)	15328	0.20000	0.2002
	26 Anilazine	12.824	12.817	(0.719)	1493	0.20000	0.2971(M)
	27 Merphos-A (Merphos)	13.199	13.199	(0.740)	13220	0.20000	0.2069
	28 Tetrachlorvinphos (Stirophos)	13.823	13.824	(0.775)	8134	0.20000	0.1916
	29 Tokuthion	14.448	14.449	(0.810)	15915	0.20000	0.2168
	30 Merphos-B (Merphos Oxone)	14.656	14.651	(0.821)	3884	0.20000	0.2457(M)
	31 Carbophenothion-methyl	15.238	15.239	(0.854)	14924	0.20000	0.2045
	32 Fensulfothion	15.364	15.361	(0.861)	8319	0.20000	0.2269
	33 Bolstar / Famphur	16.049	16.053	(0.899)	32824	0.40000	0.4674

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	16.193	16.197	(0.908)	16722	0.20000	0.2374
$	35 Triphenyl phosphate	16.709	16.712	(0.936)	11646	0.20000	0.2175
	36 Phosmet	16.963	16.963	(0.951)	12928	0.20000	0.2144
	37 EPN	17.148	17.151	(0.961)	9525	0.20000	0.2105
	38 Azinphos-methyl	17.478	17.480	(0.980)	12661	0.20000	0.1970
*	39 TOCP	17.843	17.846	(1.000)	105892	2.00000	
	40 Azinphos-ethyl	17.923	17.926	(1.004)	23154	0.20000	0.1978
	41 Coumaphos	18.364	18.366	(1.029)	10604	0.20000	0.2046
S	42 Merphos				17104	0.20000	0.2120
M	43 Total Demeton				20587	0.20000	0.2070

QC Flag Legend

M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D2.i
Lab File ID: 009F0901.D
Lab Smp Id: OPP L1 GSV0641
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 26-JUN-2009
Calibration Time: 19:50
Client Smp ID: OPP L1 GSV0641
Level:
Sample Type:

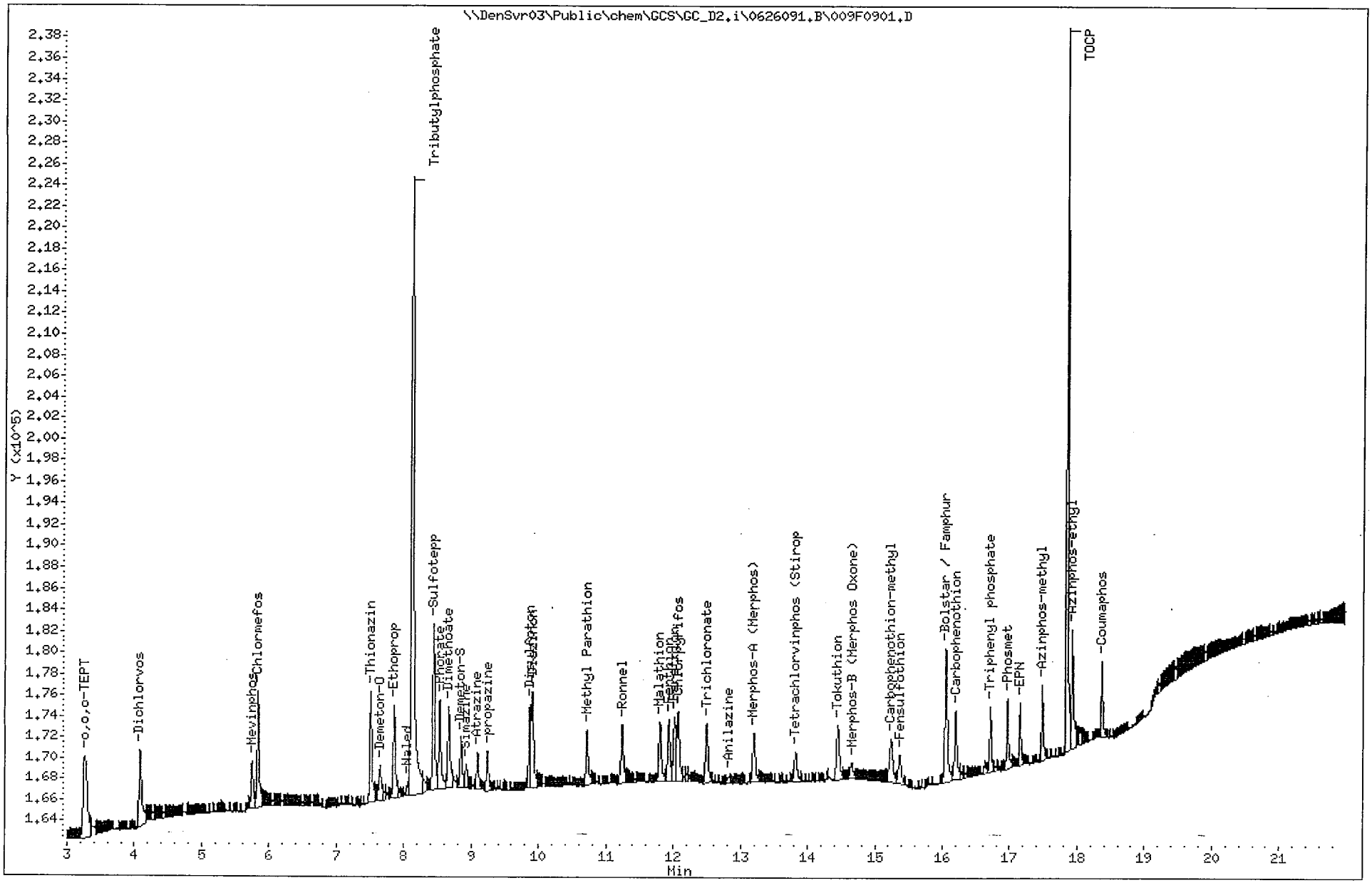
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	160310	80155	320620	165799	3.42
39 TOCP	97363	48682	194726	105892	8.76

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.11	7.61	8.61	8.11	0.03
39 TOCP	17.84	17.34	18.34	17.84	-0.01

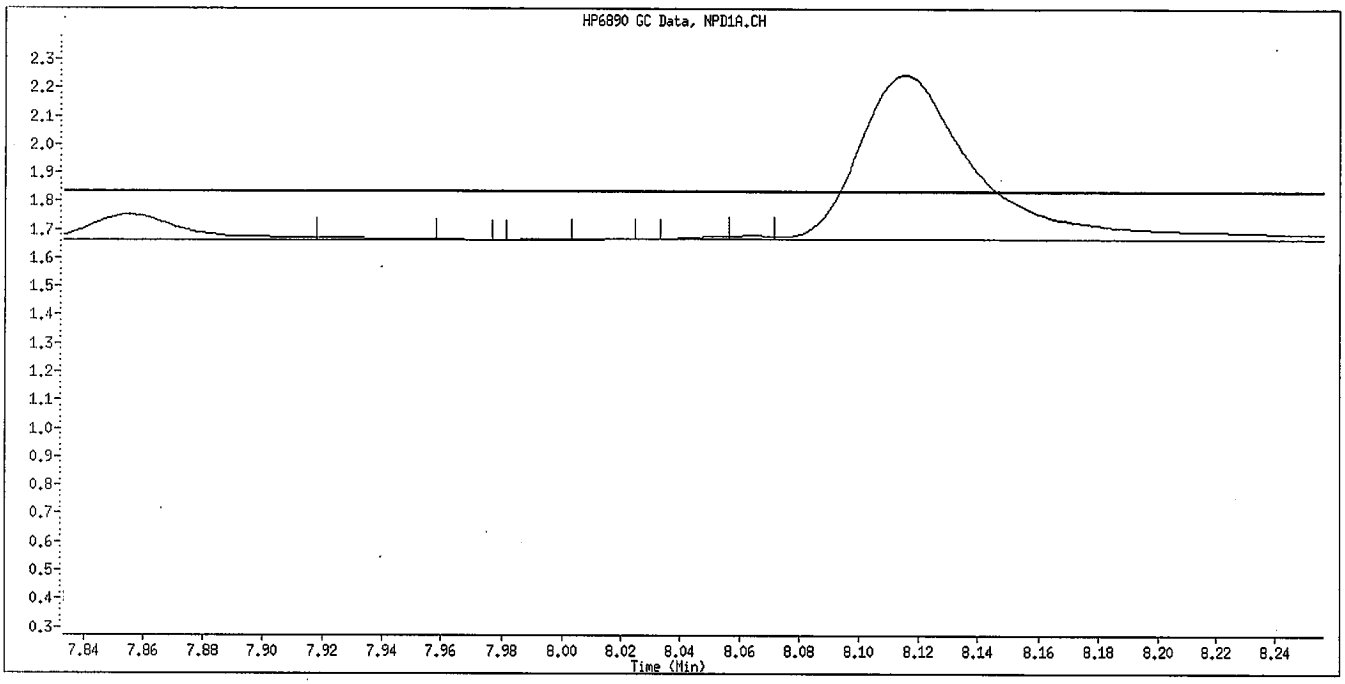
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\009F0901.D
Date : 26-JUN-2009 21:13
Client ID: OPP L1 GSV0641
Sample Info: OPP L1 GSV0641

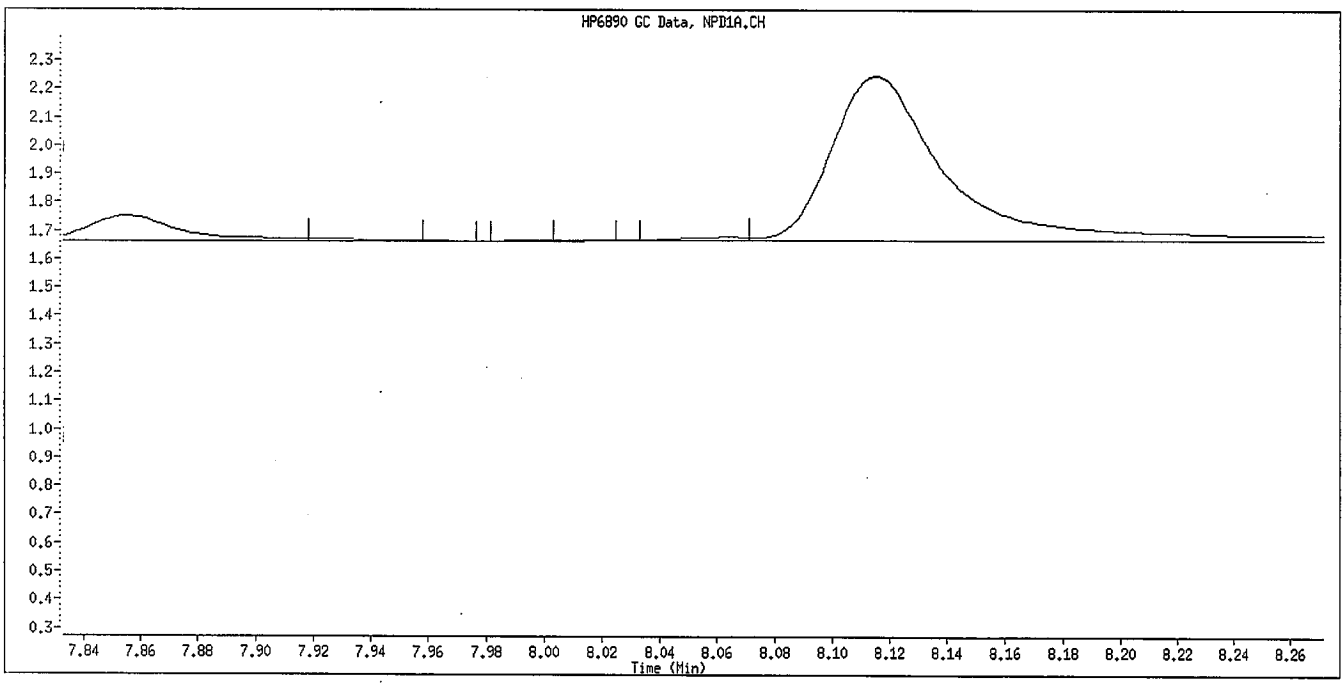
Instrument: GC_D2.i
Operator: MPK/TLW
Column phase: RTx-1MS
Column diameter: 0.32



Data File Name: 009F0901.D
Inj. Date and Time: 26-JUN-2009 21:13
Instrument ID: GC_D2.i
Client ID: OPP L1 GSV0641
Compound Name: Naled
CAS #:
Report Date: 06/30/2009



Original Integration

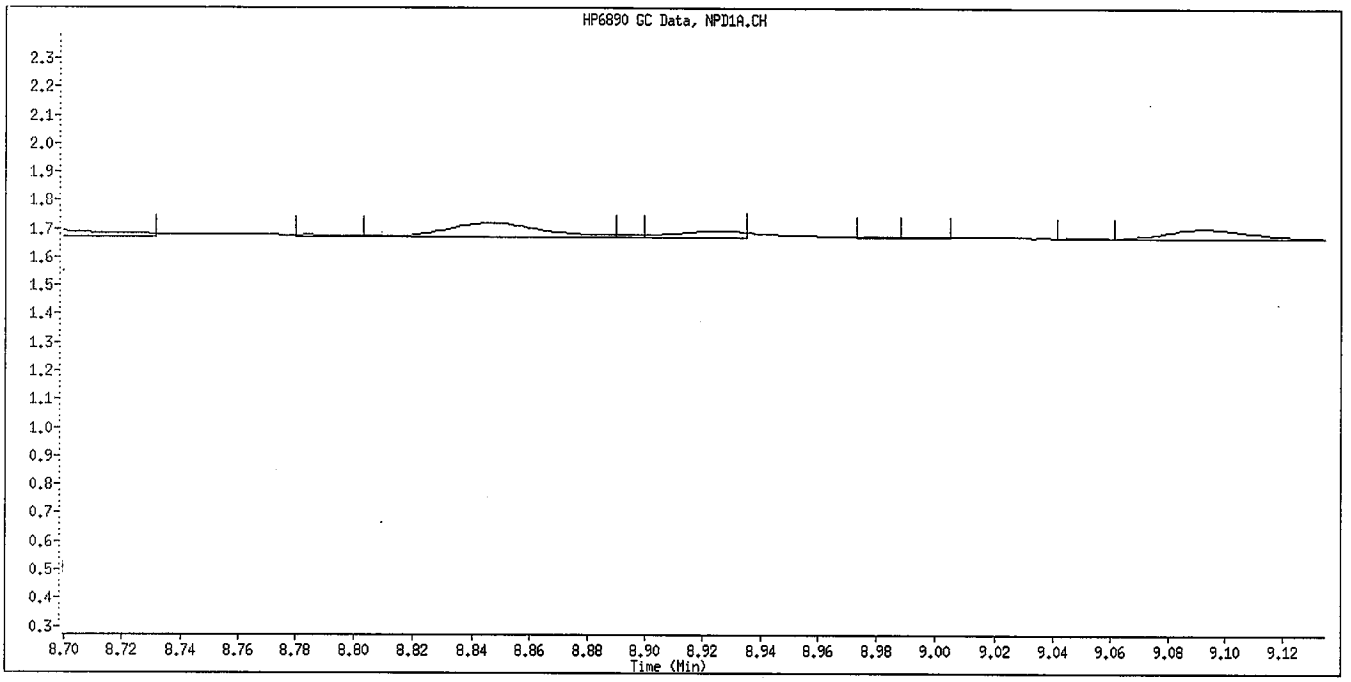


Manual Integration

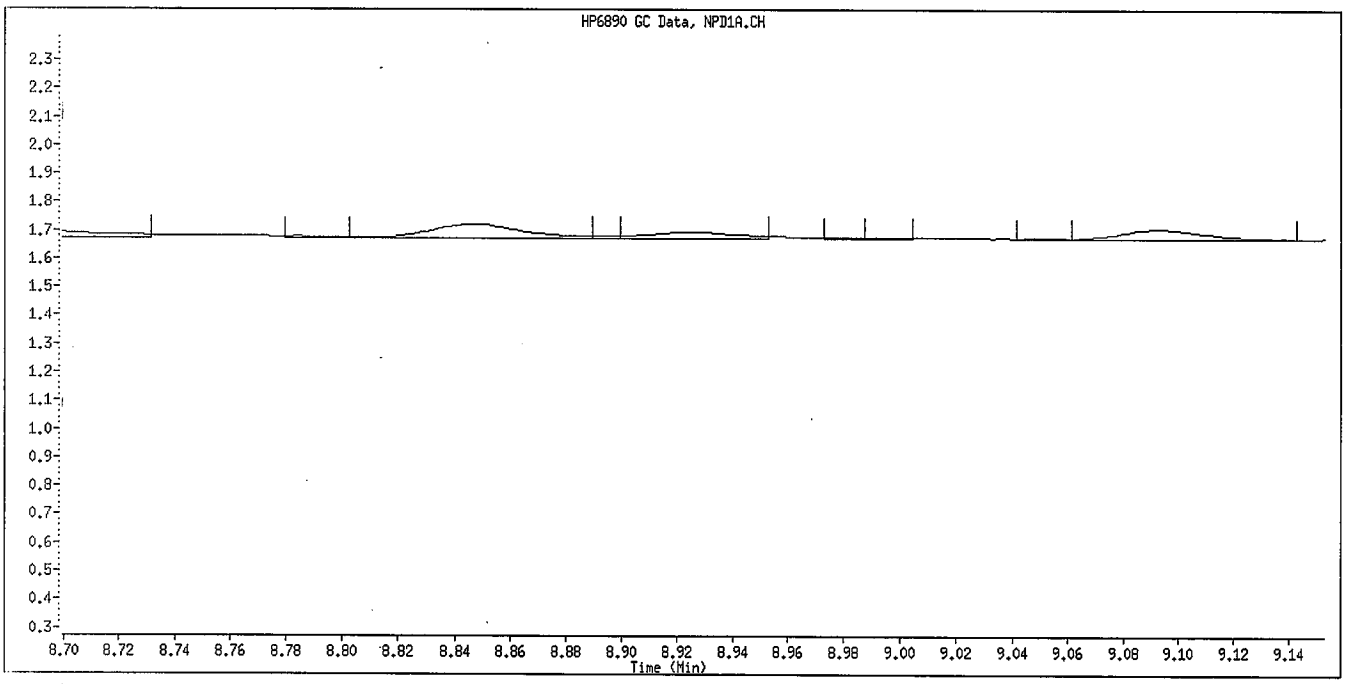
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 009F0901.D
Inj. Date and Time: 26-JUN-2009 21:13
Instrument ID: GC_D2.i
Client ID: OPP L1 GSV0641
Compound Name: Simazine
CAS #:
Report Date: 06/30/2009



Original Integration

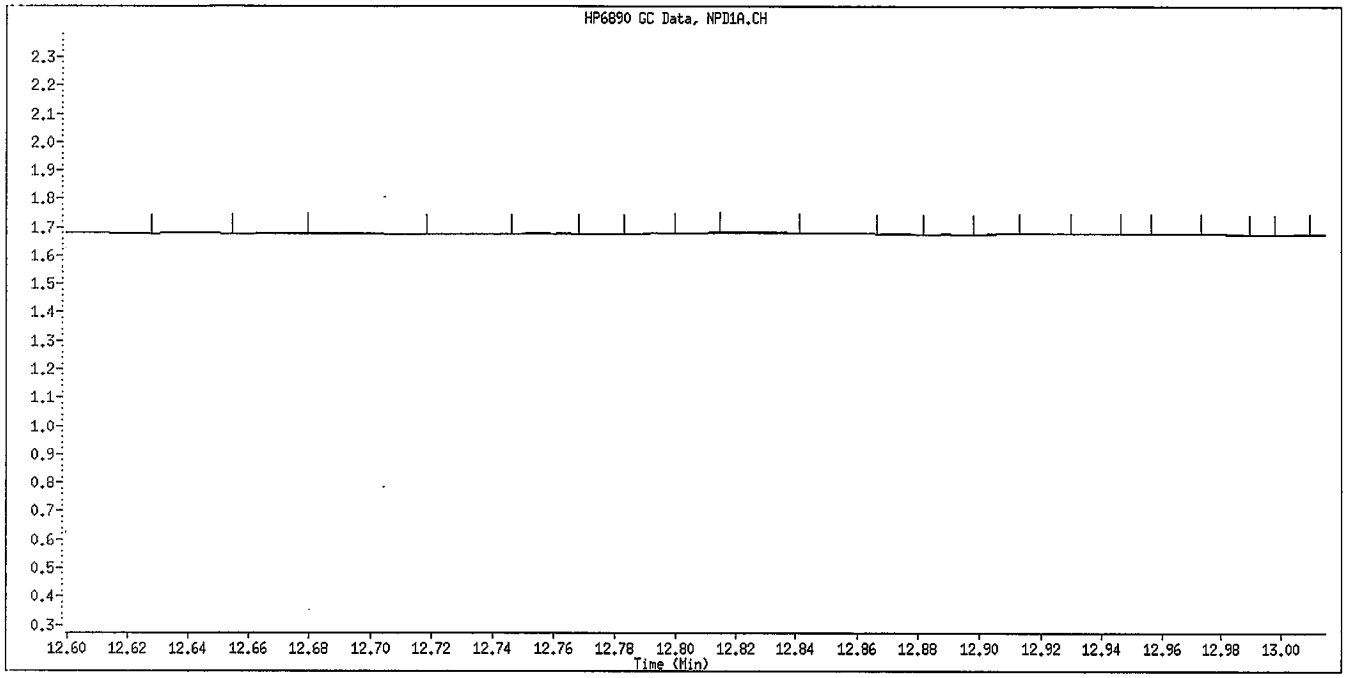


Manual Integration

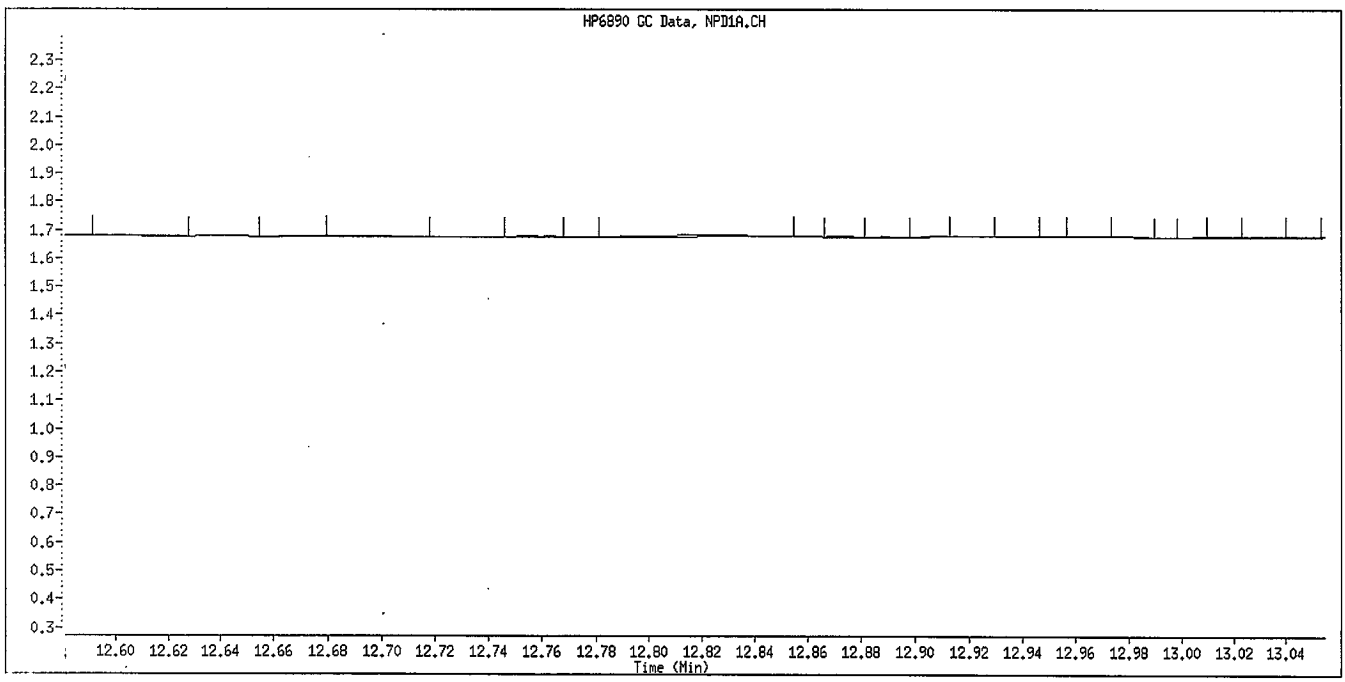
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 009F0901.D
Inj. Date and Time: 26-JUN-2009 21:13
Instrument ID: GC_D2.i
Client ID: OPP L1 GSV0641
Compound Name: Anilazine
CAS #:
Report Date: 06/30/2009



Original Integration

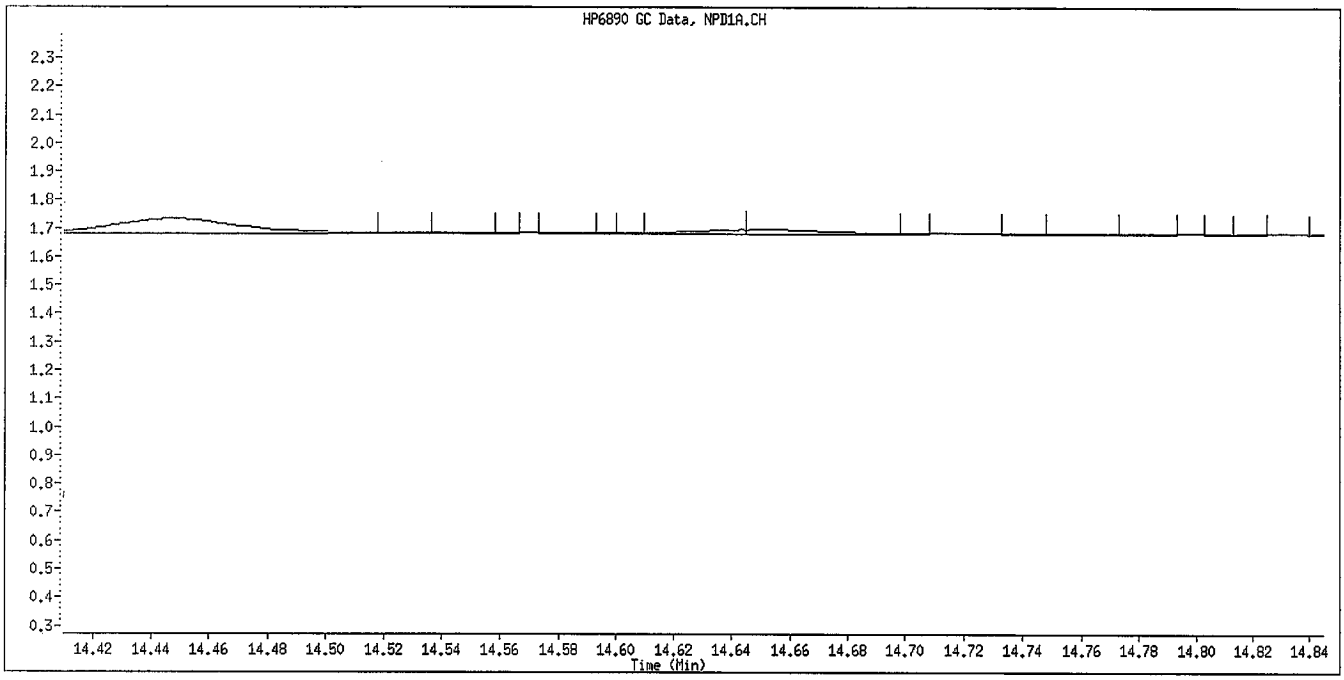


Manual Integration

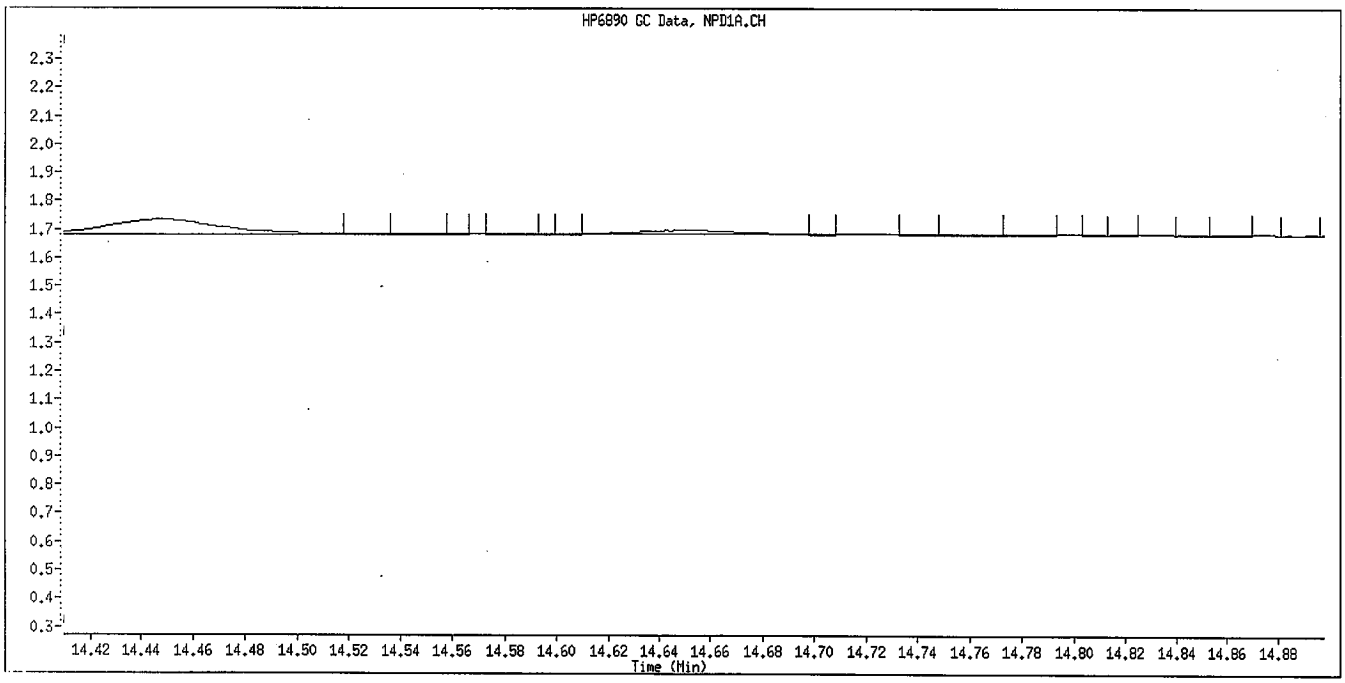
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 009F0901.D
Inj. Date and Time: 26-JUN-2009 21:13
Instrument ID: GC_D2.i
Client ID: OPP L1 GSV0641
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\010F1001.D
Lab Smp Id: OPP SS GSV0633 Client Smp ID: OPP SS GSV0633
Inj Date : 26-JUN-2009 21:40
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP SS GSV0633
Misc Info : IS - GSV0633-09
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Meth Date : 30-Jun-2009 12:45 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 10 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1 o,o,o-TEPT	3.252	3.254	(0.182)	288886	2.00000	2.058
	2 Dichlorvos	4.074	4.074	(0.228)	166172	2.00000	1.906
	3 Mevinphos	5.737	5.739	(0.322)	81302	2.00000	1.698
$	4 Chlormefos	5.834	5.836	(0.327)	194413	2.00000	1.781
	5 Thionazin	7.504	7.507	(0.421)	196672	2.00000	1.974
	6 Demeton-O	7.645	7.649	(0.429)	175593	0.65000	1.871
	7 Ethoprop	7.849	7.852	(0.440)	179292	2.00000	2.054
	8 Naled	8.054	8.057	(0.451)	23739	2.00000	1.198
*	9 Tributylphosphate	8.112	8.135	(1.000)	166572	2.00000	
	10 Sulfotepp	8.437	8.442	(0.473)	226133	2.00000	1.793
	11 Phorate	8.529	8.532	(0.478)	182466	2.00000	2.018
	12 Dimethoate	8.654	8.659	(0.485)	219089	2.00000	2.086
	13 Demeton-S	8.842	8.846	(0.496)	17618	1.36000	0.2313
	14 Simazine	8.919	8.924	(0.500)	92634	2.00000	2.622
	15 Atrazine	9.089	9.094	(0.509)	79689	2.00000	1.957
	16 propazine	9.235	9.241	(0.518)	71876	2.00000	1.913
	17 Disulfoton	9.865	9.869	(0.553)	98052	2.00000	1.589
	18 Diazinon	9.900	9.902	(0.555)	209627	2.00000	2.158
	19 Methyl Parathion	10.714	10.717	(0.600)	125682	2.00000	2.040
	20 Ronnel	11.237	11.241	(0.630)	136977	2.00000	2.151
	21 Malathion	11.799	11.804	(0.661)	94998	2.00000	1.625
	22 Fenthion	11.929	11.932	(0.669)	117968	2.00000	1.884
	23 Parathion	12.017	12.019	(0.674)	129518	2.00000	1.944
	24 Chlorpyrifos	12.067	12.067	(0.676)	158990	2.00000	1.972
	25 Trichloronate	12.492	12.496	(0.700)	134163	2.00000	1.862
	26 Anilazine	12.817	12.817	(0.718)	5585	2.00000	1.015
	27 Merphos-A (Merphos)	13.195	13.199	(0.740)	24516	2.00000	0.4078
	28 Tetrachlorvinphos (Stirophos)	13.817	13.824	(0.774)	83430	2.00000	2.088
	29 Tokuthion	14.444	14.449	(0.810)	139904	2.00000	2.025
	30 Merphos-B (Merphos Oxone)	14.647	14.651	(0.821)	107349	2.00000	6.623(A)
	31 Carbophenothion-methyl	15.234	15.239	(0.854)	73477	2.00000	1.354
	32 Fensulfothion	15.355	15.361	(0.861)	108213	2.00000	1.924
	33 Bolstar / Famphur	16.047	16.053	(0.899)	268528	4.00000	4.064

		Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34	Carbophenothion	16.194	16.197	(0.908)	123570	2.00000	1.864
$	35	Triphenyl phosphate	16.709	16.712	(0.936)	86501	2.00000	1.717
	36	Phosmet	16.960	16.963	(0.951)	93465	2.00000	1.647
	37	EPN	17.147	17.151	(0.961)	96842	2.00000	1.793
	38	Azinphos-methyl	17.477	17.480	(0.980)	116249	2.00000	1.922
*	39	TOCP	17.842	17.846	(1.000)	99647	2.00000	
	40	Azinphos-ethyl	17.922	17.926	(1.004)	124764	2.00000	1.833
	41	Coumaphos	18.362	18.366	(1.029)	97846	2.00000	2.006
S	42	Merphos				131865	2.00000	1.737
M	43	Total Demeton				193211	2.00000	2.102

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

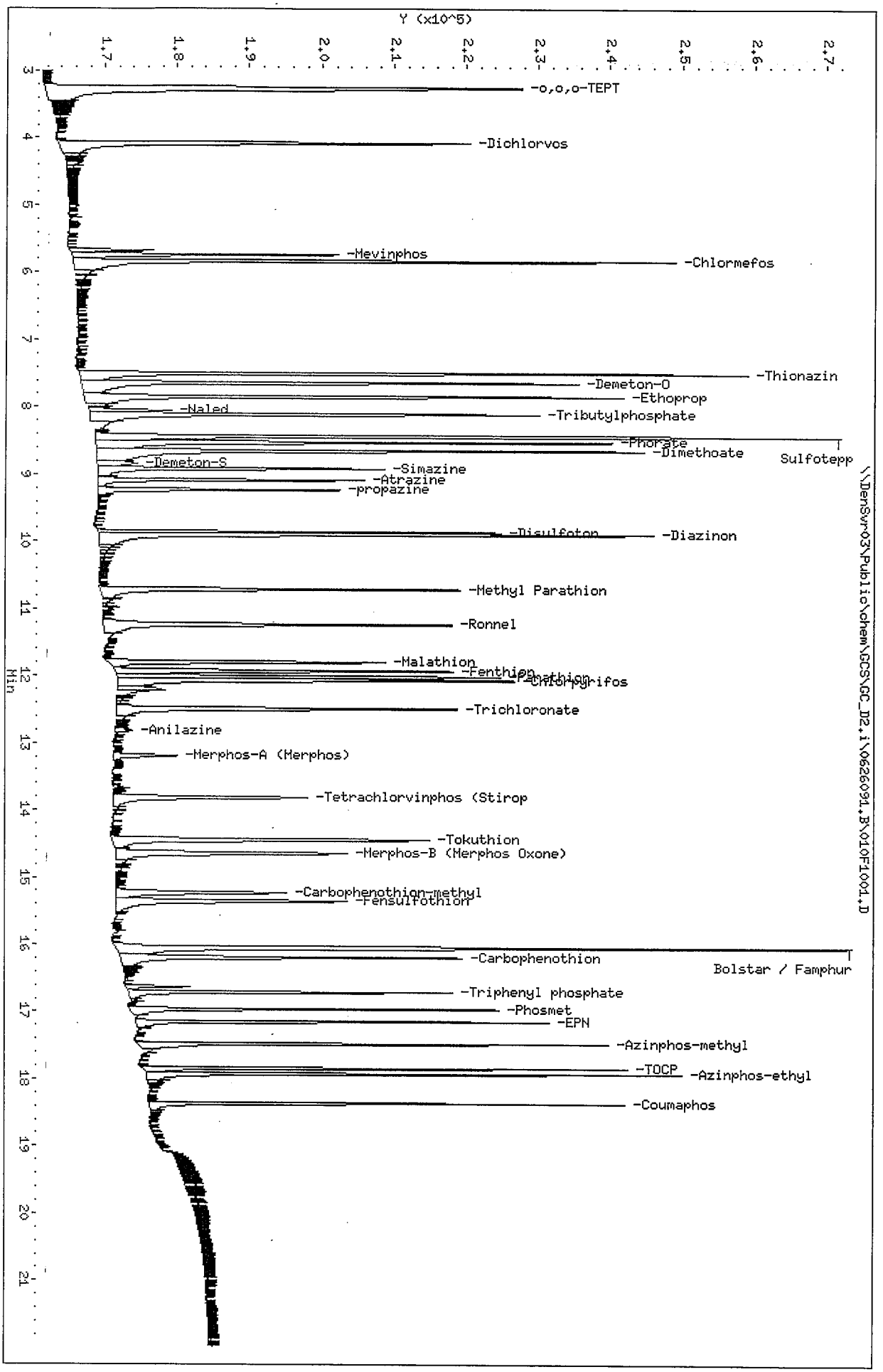
Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Lab Smp Id: OPP SS GSV0633
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626091.B\8141A-1.m
Misc Info: IS - GSV0633-09

Calibration Date: 26-JUN-2009
Calibration Time: 19:50
Client Smp ID: OPP SS GSV0633
Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	160310	80155	320620	166572	3.91
39 TOCP	97363	48682	194726	99647	2.35

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	8.11	7.61	8.61	8.11	0.00
39 TOCP	17.84	17.34	18.34	17.84	-0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



Data File: \\DenSvr03\Public\chem\GCS\GC_D2,i\0626091,B\010F1004,D
Date : 26-JUN-2009 21:40
Client ID: OPP SS GSV0633
Sample Info: OPP SS GSV0633
Column phase: RTx-1MS

Instrument: GC_D2,i
Operator: HPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\003F0301.D
Lab Smp Id: OPP L7 GSV0634 Client Smp ID: OPP L7 GSV0634
Inj Date : 26-JUN-2009 18:28
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L7 GSV0634
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Meth Date : 30-Jun-2009 12:58 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 3 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1 o,o,o-TEPT	4.729	4.731	(0.251)	421372	5.00000	4.907
	2 Dichlorvos	6.546	6.546	(0.348)	359024	5.00000	5.355(A)
$	3 Chlormefos	7.383	7.384	(0.392)	338585	5.00000	5.016(A)
	4 Mevinphos	9.233	9.234	(0.491)	238906	5.00000	5.290(A)
	5 Demeton-O	9.733	9.734	(0.517)	69239	1.62500	1.609
	6 Thionazin	9.984	9.984	(0.531)	338015	5.00000	5.005(A)
	7 Ethoprop	10.499	10.499	(0.558)	242747	5.00000	4.810
	8 Phorate	10.538	10.539	(0.560)	289868	5.00000	4.953
	9 Naled	10.939	10.939	(0.581)	78857	5.00000	5.109(A)
	10 Sulfotepp	11.018	11.017	(0.586)	427657	5.00000	4.845(A)
*	11 Tributylphosphate	11.116	11.116	(1.000)	139264	2.00000	
	12 Simazine	11.401	11.399	(0.606)	68046	5.00000	5.383(A)
	13 Diazinon	11.541	11.541	(0.613)	228810	5.00000	4.801
	14 Atrazine	11.584	11.584	(0.616)	128612	5.00000	4.879(A)
	15 Propazine	11.746	11.747	(0.624)	110050	5.00000	4.930
	16 Disulfoton	12.049	12.049	(0.640)	228764	5.00000	4.914
	17 Demeton-S	12.124	12.124	(0.644)	175573	3.40000	3.111
	18 Dimethoate	13.283	13.282	(0.706)	319454	5.00000	5.120(A)
	19 Ronnel	13.588	13.587	(0.722)	211449	5.00000	5.035(A)
	20 Merphos-A (Merphos)	13.689	13.689	(1.231)	217509	5.00000	4.310(A)
	21 Chlorpyrifos	14.411	14.409	(0.766)	227882	5.00000	5.350(A)
	22 Fenthion	14.663	14.662	(0.779)	196942	5.00000	4.985
	23 Trichloronate	14.711	14.711	(0.782)	296442	5.00000	5.242(A)
	24 Anilazine	15.214	15.216	(0.809)	19108	5.00000	5.242(A)
	25 Methyl Parathion	15.521	15.519	(0.825)	235511	5.00000	5.522(A)
	26 Malathion	15.724	15.724	(0.836)	212190	5.00000	5.311(A)
	27 Tokuthion	16.344	16.344	(0.869)	233715	5.00000	4.996
	28 Parathion	16.493	16.494	(0.877)	213175	5.00000	5.073(AM)
	29 Merphos-B (Merphos Oxone)	16.514	16.517	(1.486)	65080	5.00000	4.212(AM)
	30 Tetrachlorvinphos (stirophos)	16.976	16.977	(0.902)	143806	5.00000	5.290(A)
	31 Carbophenothion methyl	17.081	17.082	(0.908)	210272	5.00000	5.396(A)
	32 Bolstar	17.441	17.440	(0.927)	199405	5.00000	4.858
	33 Carbophenothion	17.523	17.524	(0.931)	212727	5.00000	5.271(A)

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	34 Triphenyl phosphate	18.279	18.281	(0.972)	167127	5.00000	5.046 (A)
	35 Fensulfothion	18.558	18.559	(0.986)	152929	5.00000	5.029 (A)
*	36 TOCP	18.814	18.816	(1.000)	66384	2.00000	
	37 Phosmet / EPN	18.908	18.909	(1.005)	330448	10.0000	9.819 (A)
	38 Famphur	19.011	19.011	(1.010)	220404	5.00000	5.062 (A)
	39 Azinphos-methyl	19.146	19.147	(1.018)	197822	5.00000	4.967
	40 Azinphos-ethyl	19.364	19.366	(1.029)	187035	5.00000	4.930
	41 Coumaphos	20.348	20.347	(1.081)	155426	5.00000	5.329 (A)
S	42 Merphos				282589	5.00000	5.108 (A)
M	43 Total Demeton				244812	5.00000	4.720

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

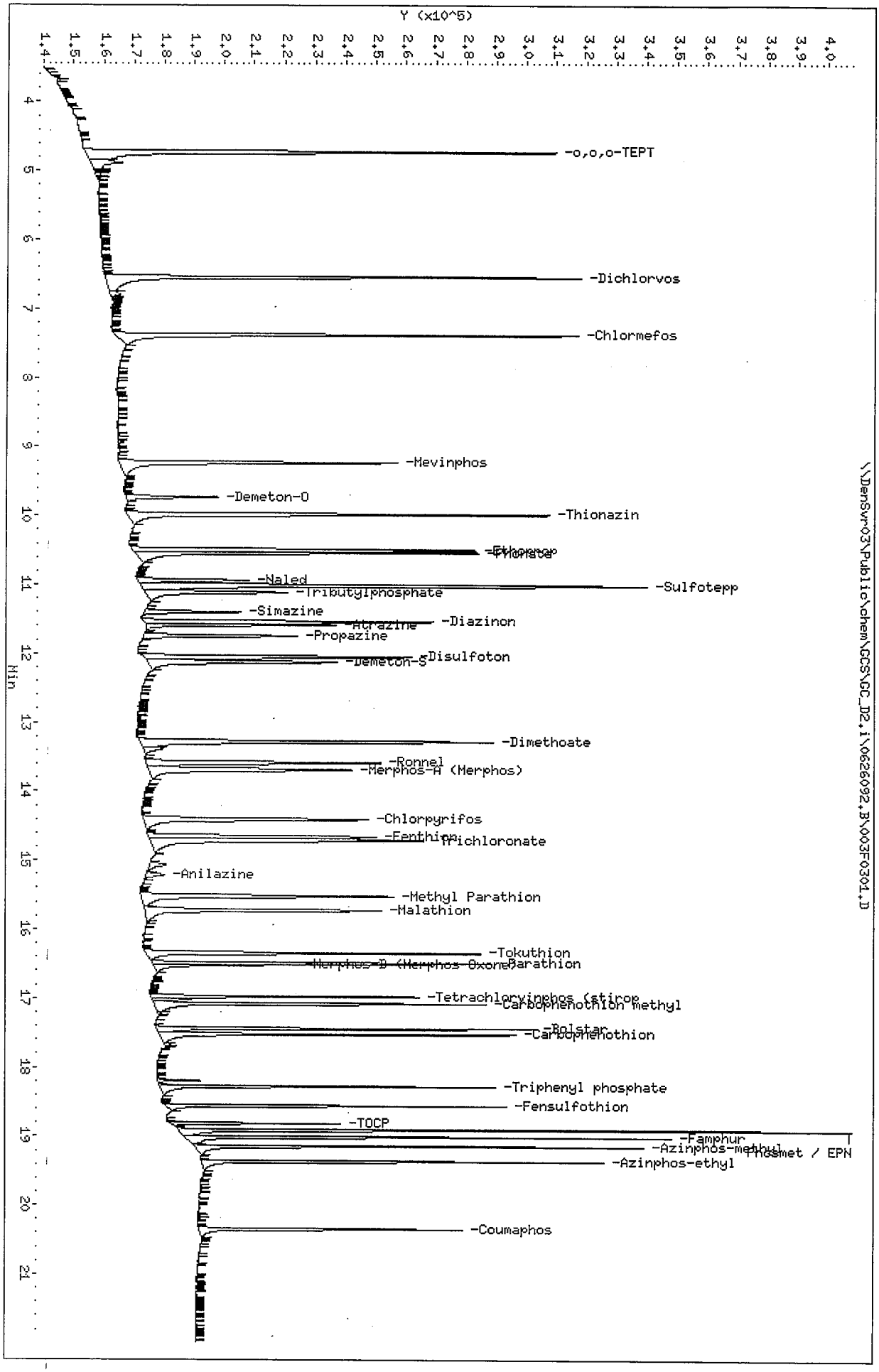
Instrument ID: GC_D2.i
Lab File ID: 003F0301.D
Lab Smp Id: OPP L7 GSV0634
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Misc Info:

Calibration Date: 26-JUN-2009
Calibration Time: 21:40
Client Smp ID: OPP L7 GSV0634
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	123933	61967	247866	139264	12.37
36 TOCP	68831	34416	137662	66384	-3.56

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.12	0.01
36 TOCP	18.82	18.32	19.32	18.81	-0.00

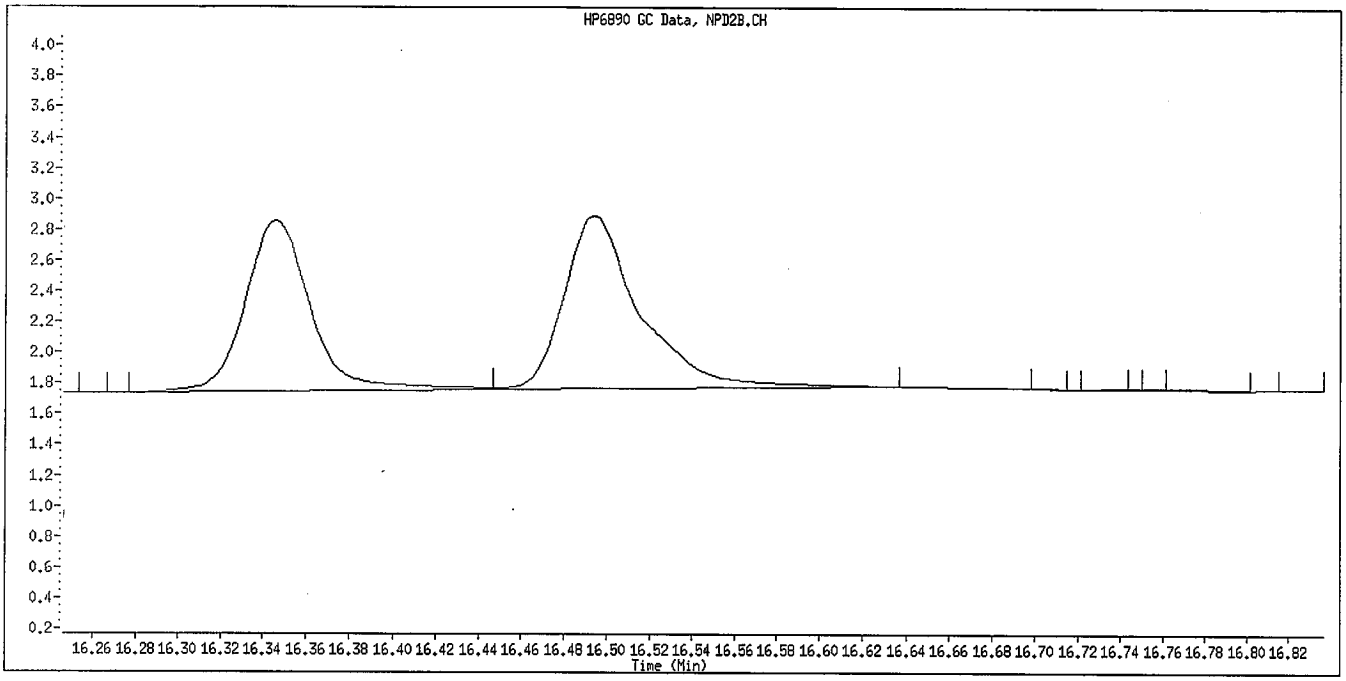
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



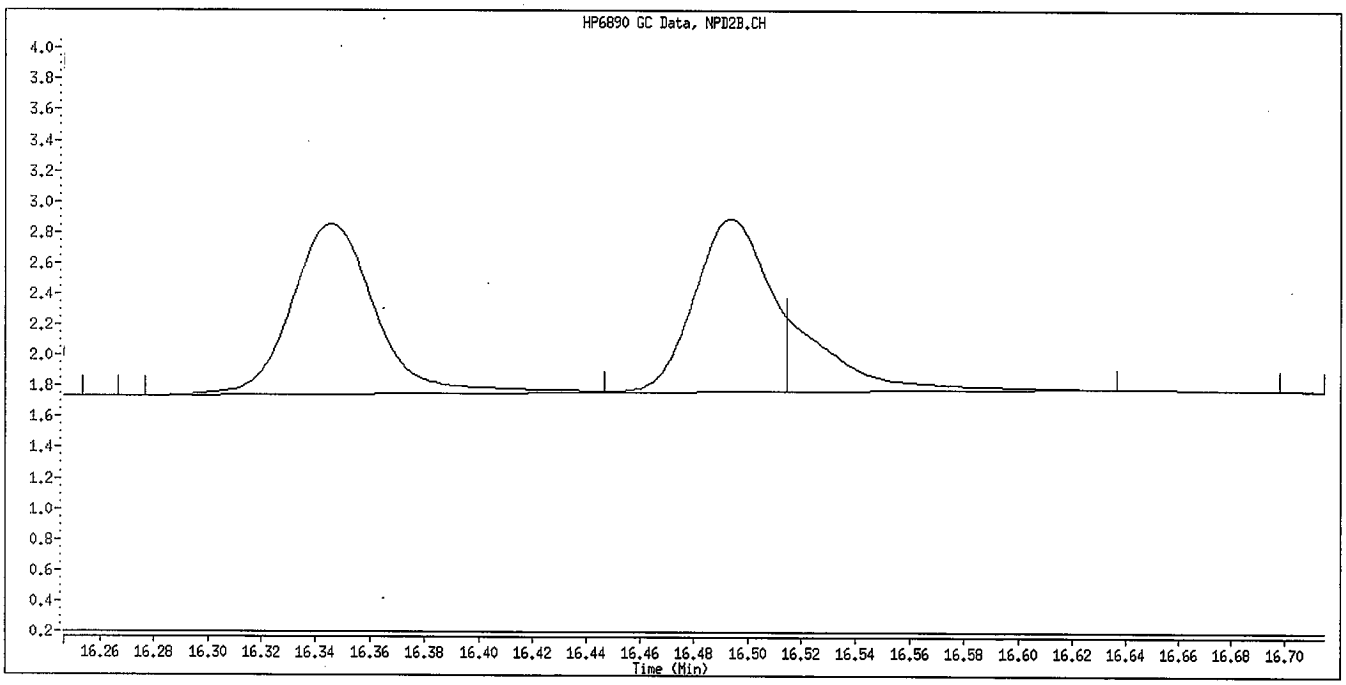
Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\003F0304.D
Date : 26-JUN-2009 18:28
Client ID: OPP L7 GSV0634
Sample Info: OPP L7 GSV0634
Column phase: RTx-OPPest

Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

Data File Name: 003F0301.D
Inj. Date and Time: 26-JUN-2009 18:28
Instrument ID: GC_D2.i
Client ID: OPP L7 GSV0634
Compound Name: Parathion
CAS #:
Report Date: 06/30/2009



Original Integration

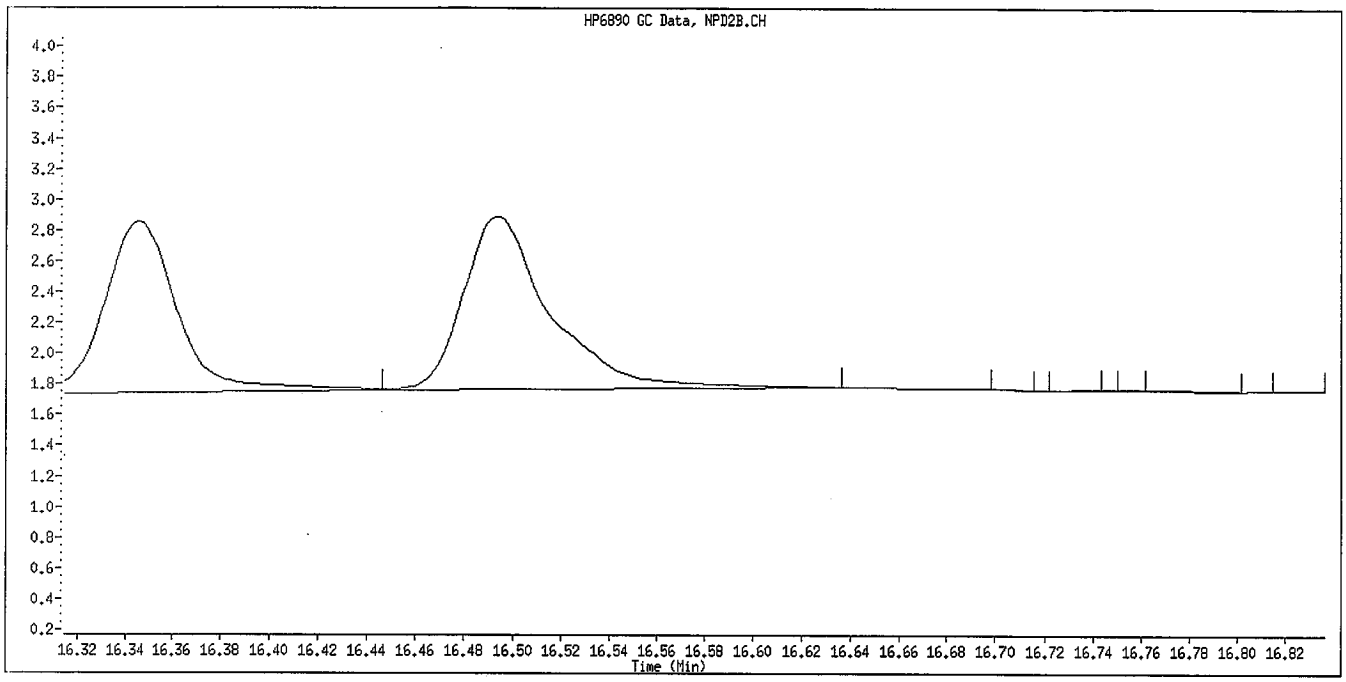


Manual Integration

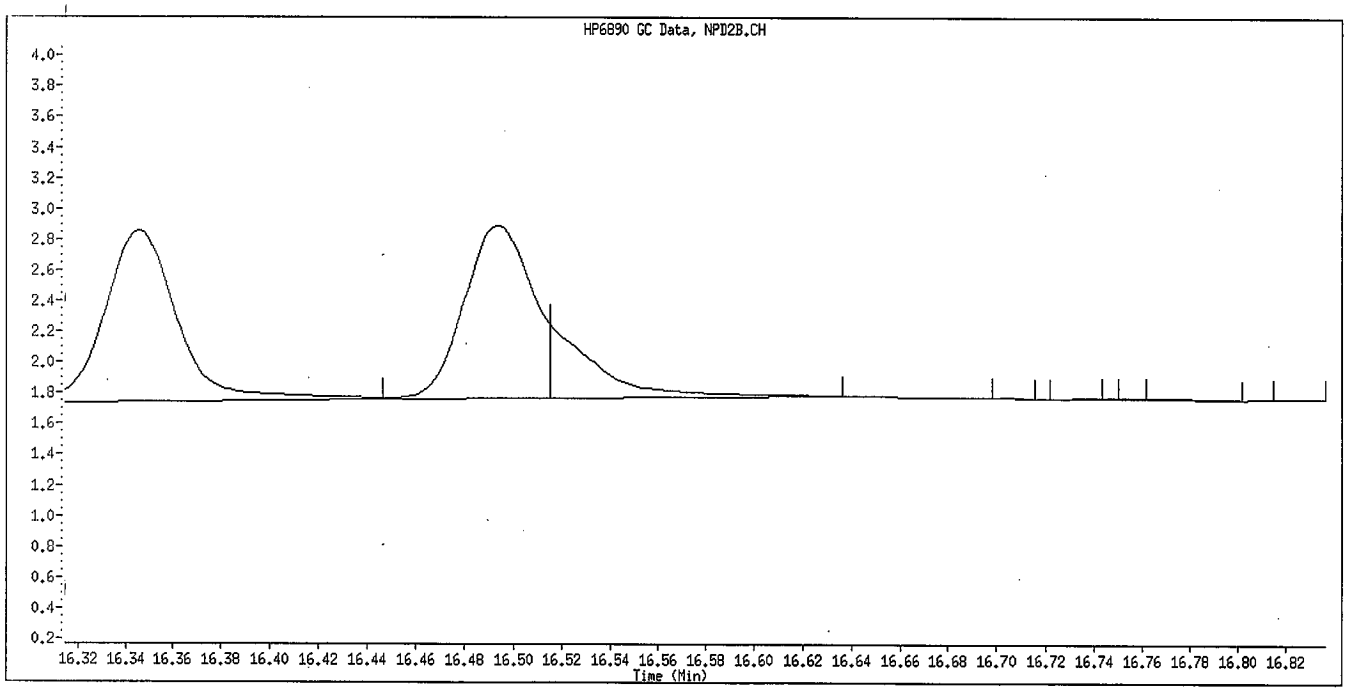
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 003F0301.D
Inj. Date and Time: 26-JUN-2009 18:28
Instrument ID: GC_D2.i
Client ID: OPP L7 GSV0634
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\004F0401.D
Lab Smp Id: OPP L6 GSV0637 Client Smp ID: OPP L6 GSV0637
Inj Date : 26-JUN-2009 18:55
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L6 GSV0637
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Meth Date : 30-Jun-2009 12:58 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 18:28 Cal File: 003F0301.D
Als bottle: 4 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1 o,o,o-TEPT	4.729	4.731	(0.251)	328646	4.00000	4.043
	2 Dichlorvos	6.546	6.546	(0.348)	257298	4.00000	4.054
$	3 Chlormefos	7.384	7.384	(0.392)	258146	4.00000	4.040
	4 Mevinphos	9.234	9.234	(0.491)	177060	4.00000	4.141
	5 Demeton-O	9.734	9.734	(0.517)	56273	1.30000	1.381
	6 Thionazin	9.984	9.984	(0.531)	276609	4.00000	4.326
	7 Ethoprop	10.499	10.499	(0.558)	193617	4.00000	4.053
	8 Phorate	10.537	10.539	(0.560)	250422	4.00000	4.520
	9 Naled	10.941	10.939	(0.582)	58330	4.00000	4.051
	10 Sulfotepp	11.017	11.017	(0.586)	337512	4.00000	4.039(A)
*	11 Tributylphosphate	11.116	11.116	(1.000)	118534	2.00000	
	12 Simazine	11.401	11.399	(0.606)	52173	4.00000	4.360(A)
	13 Diazinon	11.541	11.541	(0.613)	181790	4.00000	4.034
	14 Atrazine	11.582	11.584	(0.616)	98759	4.00000	4.001(A)
	15 Propazine	11.746	11.747	(0.624)	85745	4.00000	4.068
	16 Disulfoton	12.049	12.049	(0.640)	184026	4.00000	4.176
	17 Demeton-S	12.124	12.124	(0.644)	157195	2.72000	2.948
	18 Dimethoate	13.282	13.282	(0.706)	236550	4.00000	4.005
	19 Ronnel	13.589	13.587	(0.722)	165534	4.00000	4.164
	20 Merphos-A (Merphos)	13.689	13.689	(1.231)	178652	4.00000	4.159(A)
	21 Chlorpyrifos	14.409	14.409	(0.766)	174421	4.00000	4.326
	22 Fenthion	14.662	14.662	(0.779)	149338	4.00000	3.993
	23 Trichloronate	14.709	14.711	(0.782)	208762	4.00000	3.926
	24 Anilazine	15.216	15.216	(0.809)	13112	4.00000	3.800(M)
	25 Methyl Parathion	15.519	15.519	(0.825)	167086	4.00000	4.138(A)
	26 Malathion	15.724	15.724	(0.836)	151738	4.00000	4.012
	27 Tokuthion	16.346	16.344	(0.869)	187169	4.00000	4.226
	28 Parathion	16.492	16.494	(0.877)	170901	4.00000	4.296(M)
	29 Merphos-B (Merphos Oxone)	16.514	16.517	(1.486)	62127	4.00000	4.736(AM)
	30 Tetrachlorvinphos (stirophos)	16.976	16.977	(0.902)	109740	4.00000	4.264
	31 Carbophenothion methyl	17.081	17.082	(0.908)	159411	4.00000	4.322
	32 Bolstar	17.441	17.440	(0.927)	154382	4.00000	3.973
	33 Carbophenothion	17.522	17.524	(0.931)	154486	4.00000	4.043(A)

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	34 Triphenyl phosphate	18.279	18.281	(0.972)	125543	4.00000	4.004
	35 Fensulfothion	18.557	18.559	(0.986)	126221	4.00000	4.385
*	36 TOCP	18.814	18.816	(1.000)	62844	2.00000	
	37 Phosmet / EPN	18.907	18.909	(1.005)	263604	8.00000	8.261(A)
	38 Famphur	19.009	19.011	(1.010)	175421	4.00000	4.256
	39 Azinphos-methyl	19.144	19.147	(1.018)	160515	4.00000	4.257
	40 Azinphos-ethyl	19.362	19.366	(1.029)	144031	4.00000	4.011
	41 Coumaphos	20.346	20.347	(1.081)	118936	4.00000	4.308
S	42 Merphos				240779	4.00000	4.597(A)
M	43 Total Demeton				213468	4.00000	4.330

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

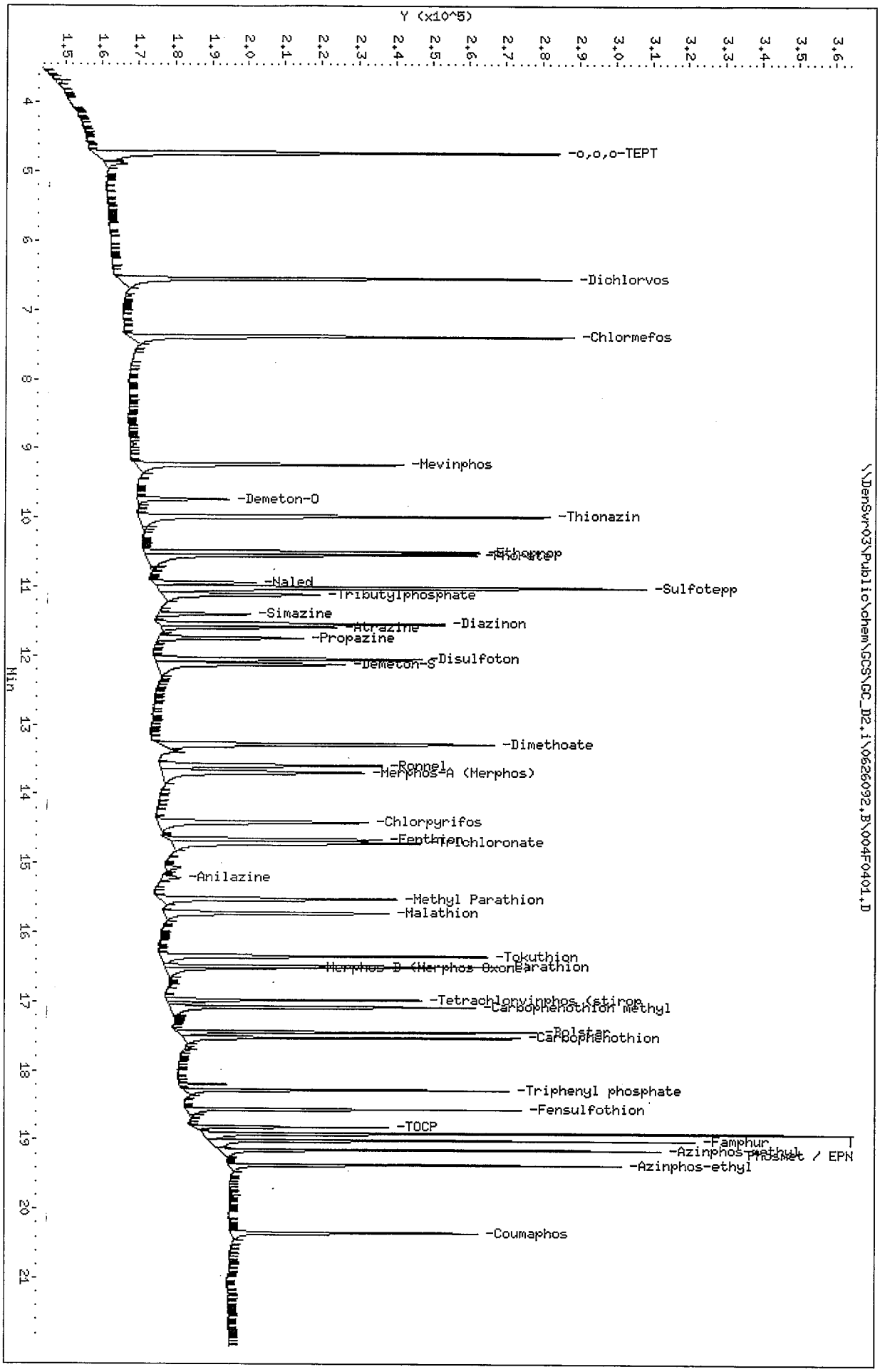
Instrument ID: GC_D2.i
Lab File ID: 004F0401.D
Lab Smp Id: OPP L6 GSV0637
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Misc Info:

Calibration Date: 26-JUN-2009
Calibration Time: 21:40
Client Smp ID: OPP L6 GSV0637
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	123933	61967	247866	118534	-4.36
36 TOCP	68831	34416	137662	62844	-8.70

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.12	0.01
36 TOCP	18.82	18.32	19.32	18.81	-0.01

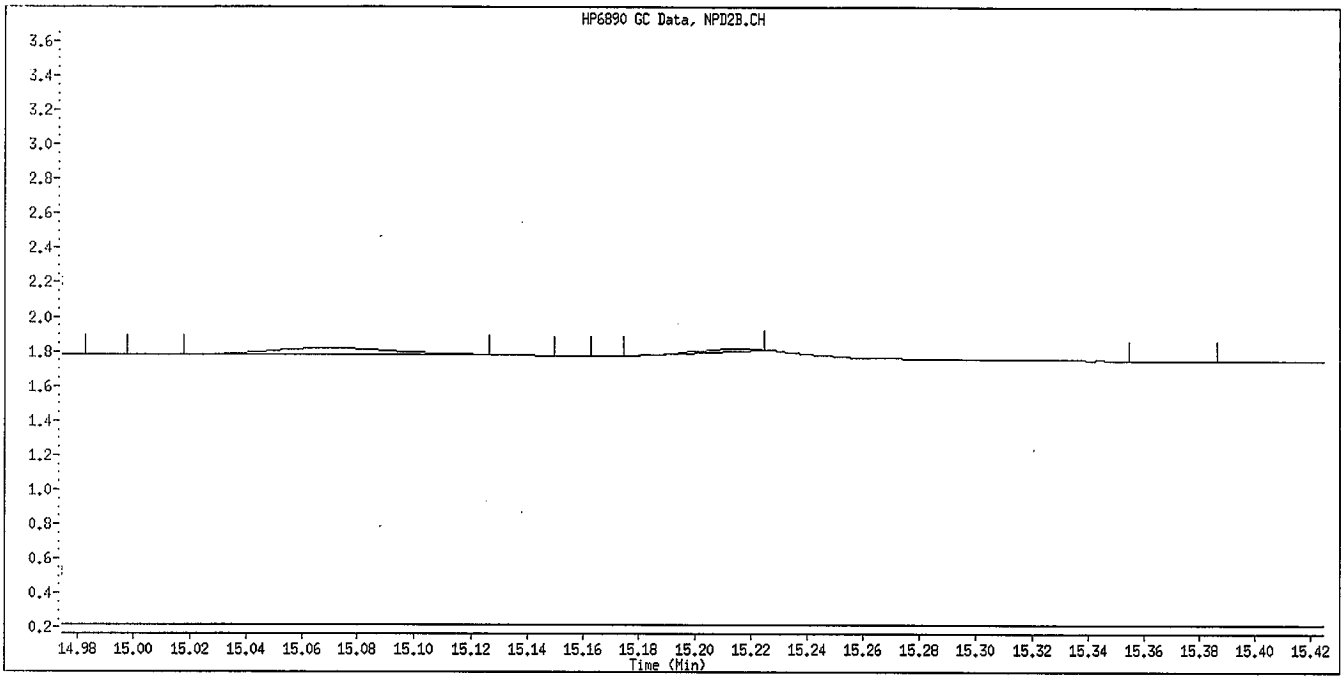
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



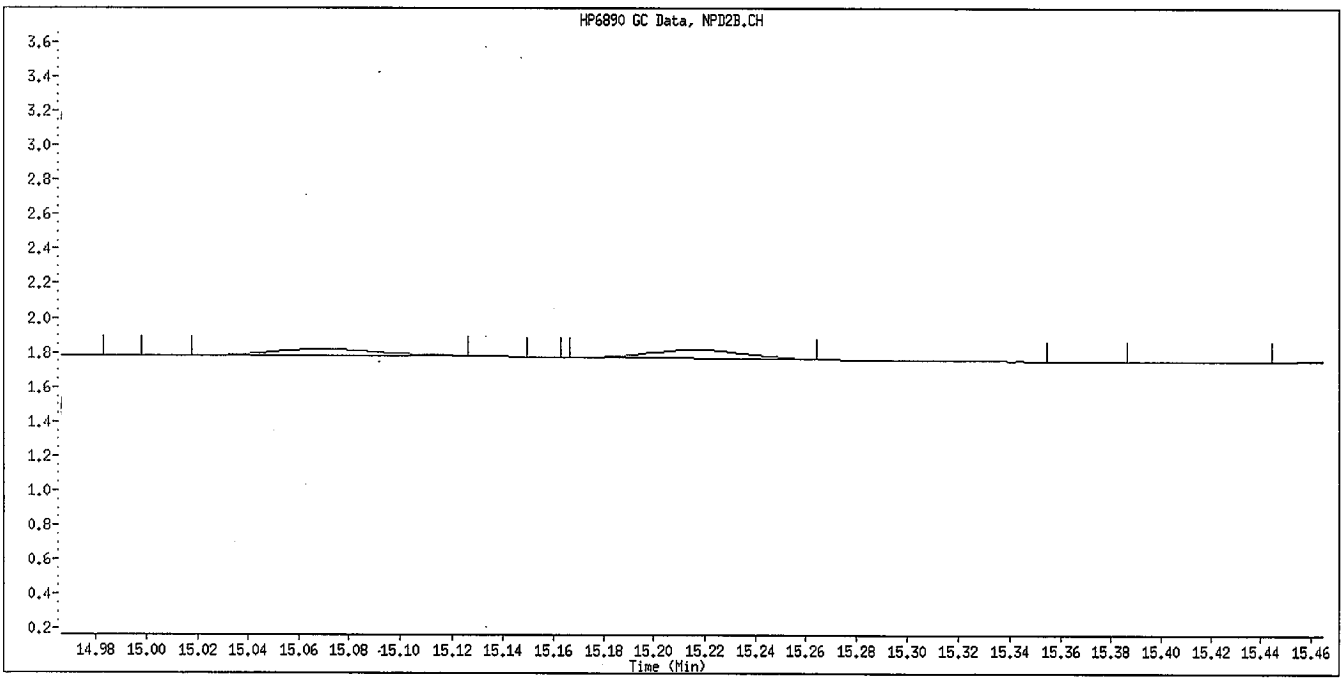
Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\004F0401.D
Date : 26-JUN-2009 18:55
Client ID: OPP L6 GSV0637
Sample Info: OPP L6 GSV0637
Column phase: RTx-OPPest

Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

Data File Name: 004F0401.D
Inj. Date and Time: 26-JUN-2009 18:55
Instrument ID: GC_D2.i
Client ID: OPP L6 GSV0637
Compound Name: Anilazine
CAS #:
Report Date: 06/30/2009



Original Integration

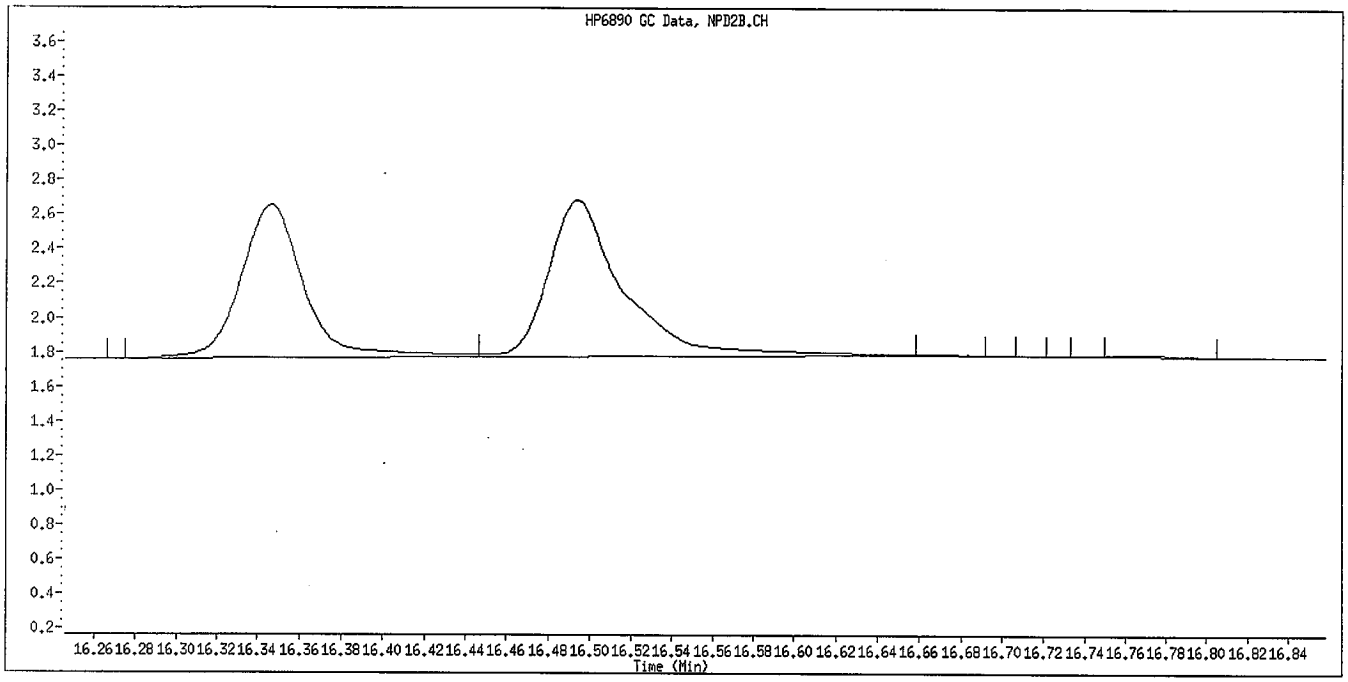


Manual Integration

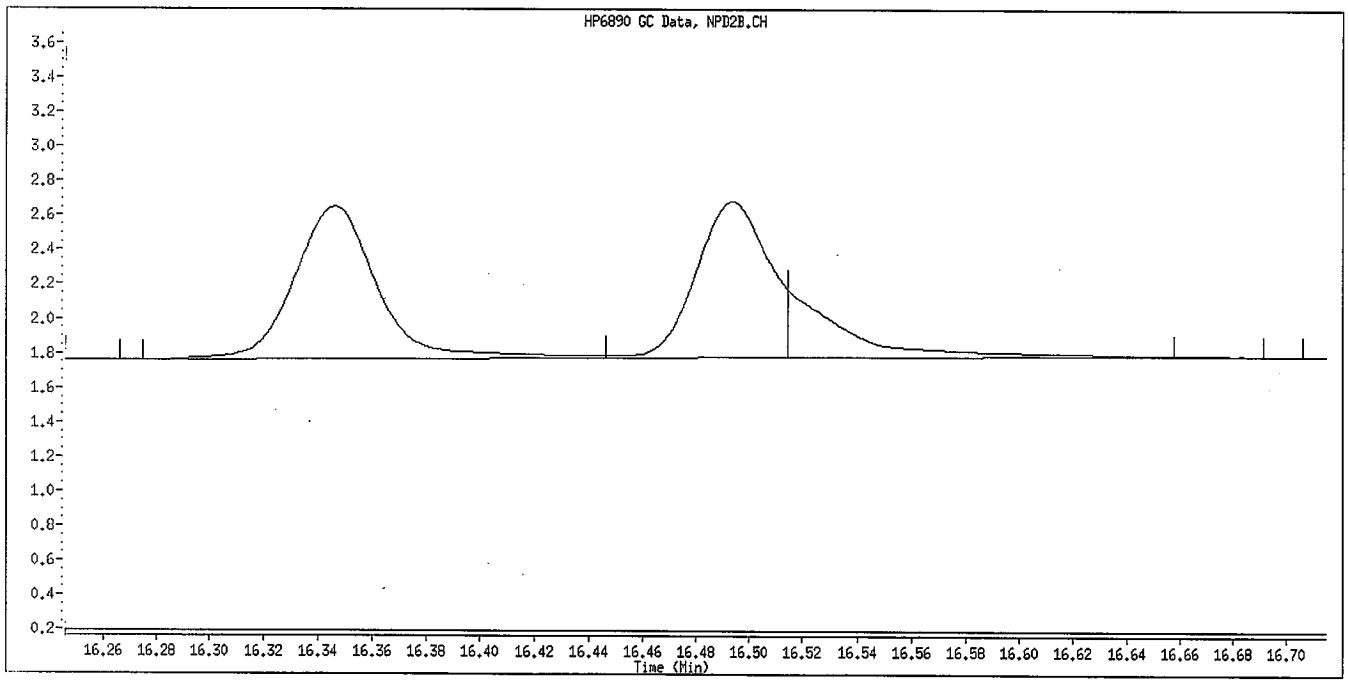
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 004F0401.D
Inj. Date and Time: 26-JUN-2009 18:55
Instrument ID: GC_D2.i
Client ID: OPP L6 GSV0637
Compound Name: Parathion
CAS #:
Report Date: 06/30/2009



Original Integration

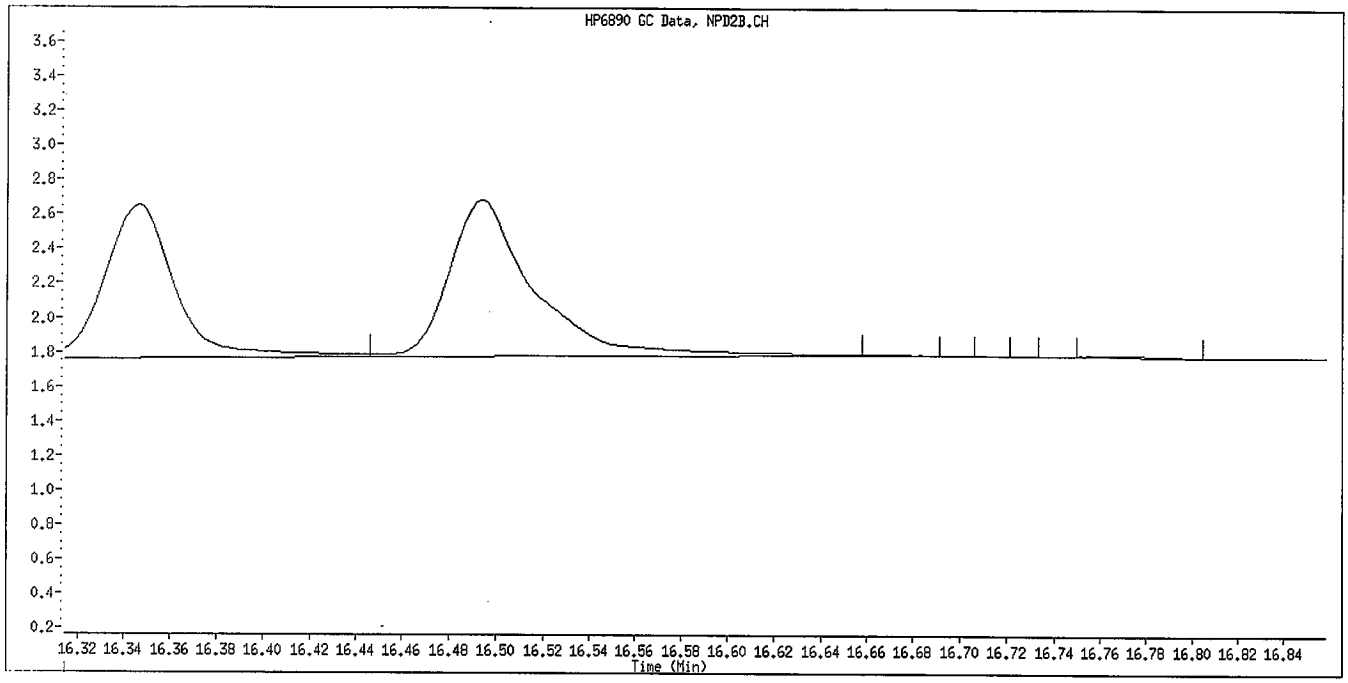


Manual Integration

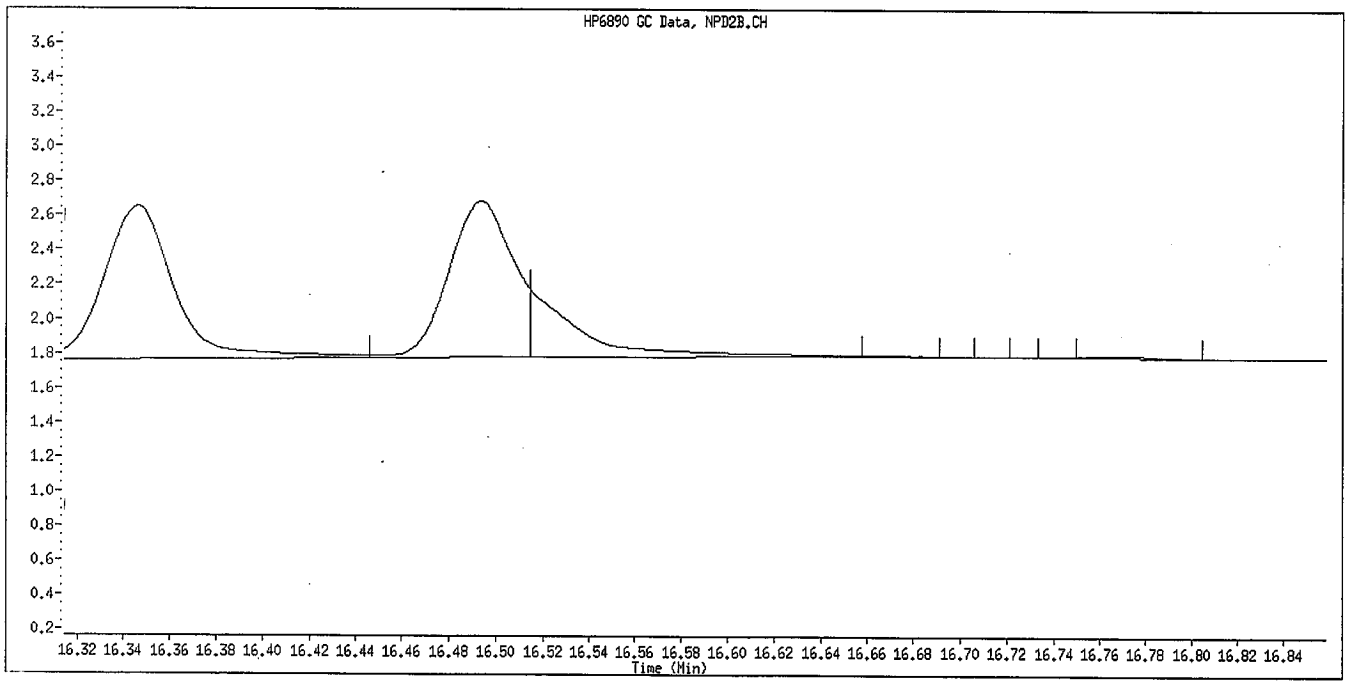
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 004F0401.D
Inj. Date and Time: 26-JUN-2009 18:55
Instrument ID: GC_D2.i
Client ID: OPP L6 GSV0637
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\005F0501.D
Lab Smp Id: OPP L5 GSV0635 Client Smp ID: OPP L5 GSV0635
Inj Date : 26-JUN-2009 19:23
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L5 GSV0635
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Meth Date : 30-Jun-2009 12:58 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 18:55 Cal File: 004F0401.D
Als bottle: 5 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1 o,o,o-TEPT	4.730	4.731	(0.251)	267154	3.00000	2.982
	2 Dichlorvos	6.545	6.546	(0.348)	221023	3.00000	3.159
$	3 Chlormefos	7.384	7.384	(0.392)	237967	3.00000	3.379
	4 Mevinphos	9.234	9.234	(0.491)	137272	3.00000	2.913
	5 Demeton-O	9.734	9.734	(0.517)	46912	0.97500	1.045
	6 Thionazin	9.984	9.984	(0.531)	216898	3.00000	3.078
	7 Ethoprop	10.499	10.499	(0.558)	162719	3.00000	3.090
	8 Phorate	10.539	10.539	(0.560)	189707	3.00000	3.107
	9 Naled	10.939	10.939	(0.581)	46004	3.00000	2.975
	10 Sulfotepp	11.017	11.017	(0.586)	277819	3.00000	3.017(A)
*	11 Tributylphosphate	11.115	11.116	(1.000)	123454	2.00000	
	12 Simazine	11.399	11.399	(0.606)	40610	3.00000	3.079(A)
	13 Diazinon	11.540	11.541	(0.613)	155648	3.00000	3.140
	14 Atrazine	11.584	11.584	(0.616)	85997	3.00000	3.210(A)
	15 Propazine	11.747	11.747	(0.624)	72628	3.00000	3.140
	16 Disulfoton	12.049	12.049	(0.640)	152294	3.00000	3.136
	17 Demeton-S	12.124	12.124	(0.644)	121463	2.04000	2.103
	18 Dimethoate	13.282	13.282	(0.706)	206120	3.00000	3.166
	19 Ronnel	13.587	13.587	(0.722)	134377	3.00000	3.067
	20 Merphos-A (Merphos)	13.689	13.689	(1.232)	139514	3.00000	3.119(A)
	21 Chlorpyrifos	14.409	14.409	(0.766)	137524	3.00000	3.094
	22 Fenthion	14.662	14.662	(0.779)	130285	3.00000	3.161
	23 Trichloronate	14.710	14.711	(0.782)	170976	3.00000	2.945
	24 Anilazine	15.215	15.216	(0.809)	11039	3.00000	2.902
	25 Methyl Parathion	15.519	15.519	(0.825)	140467	3.00000	3.157(A)
	26 Malathion	15.724	15.724	(0.836)	122121	3.00000	2.929
	27 Tokuthion	16.344	16.344	(0.869)	150762	3.00000	3.089
	28 Parathion	16.494	16.494	(0.877)	135916	3.00000	3.100(M)
	29 Merphos-B (Merphos Oxone)	16.514	16.517	(1.486)	40683	3.00000	2.940(AM)
	30 Tetrachlorvinphos (stirophos)	16.977	16.977	(0.902)	90042	3.00000	3.174
	31 Carbophenothion methyl	17.082	17.082	(0.908)	132789	3.00000	3.266
	32 Bolstar	17.440	17.440	(0.927)	132222	3.00000	3.088
	33 Carbophenothion	17.524	17.524	(0.931)	139939	3.00000	3.323(A)

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	34 Triphenyl phosphate	18.280	18.281	(0.972)	105020	3.00000	3.039
	35 Fensulfothion	18.559	18.559	(0.986)	98284	3.00000	3.098
*	36 TOCP	18.815	18.816	(1.000)	69265	2.00000	
	37 Phosmet / EPN	18.909	18.909	(1.005)	207459	6.00000	5.874(A)
	38 Famphur	19.010	19.011	(1.010)	125661	3.00000	2.766
	39 Azinphos-methyl	19.147	19.147	(1.018)	125121	3.00000	3.011
	40 Azinphos-ethyl	19.365	19.366	(1.029)	120801	3.00000	3.052
	41 Coumaphos	20.347	20.347	(1.081)	93401	3.00000	3.069
S	42 Merphos				180197	3.00000	3.122(A)
M	43 Total Demeton				168375	3.00000	3.147

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

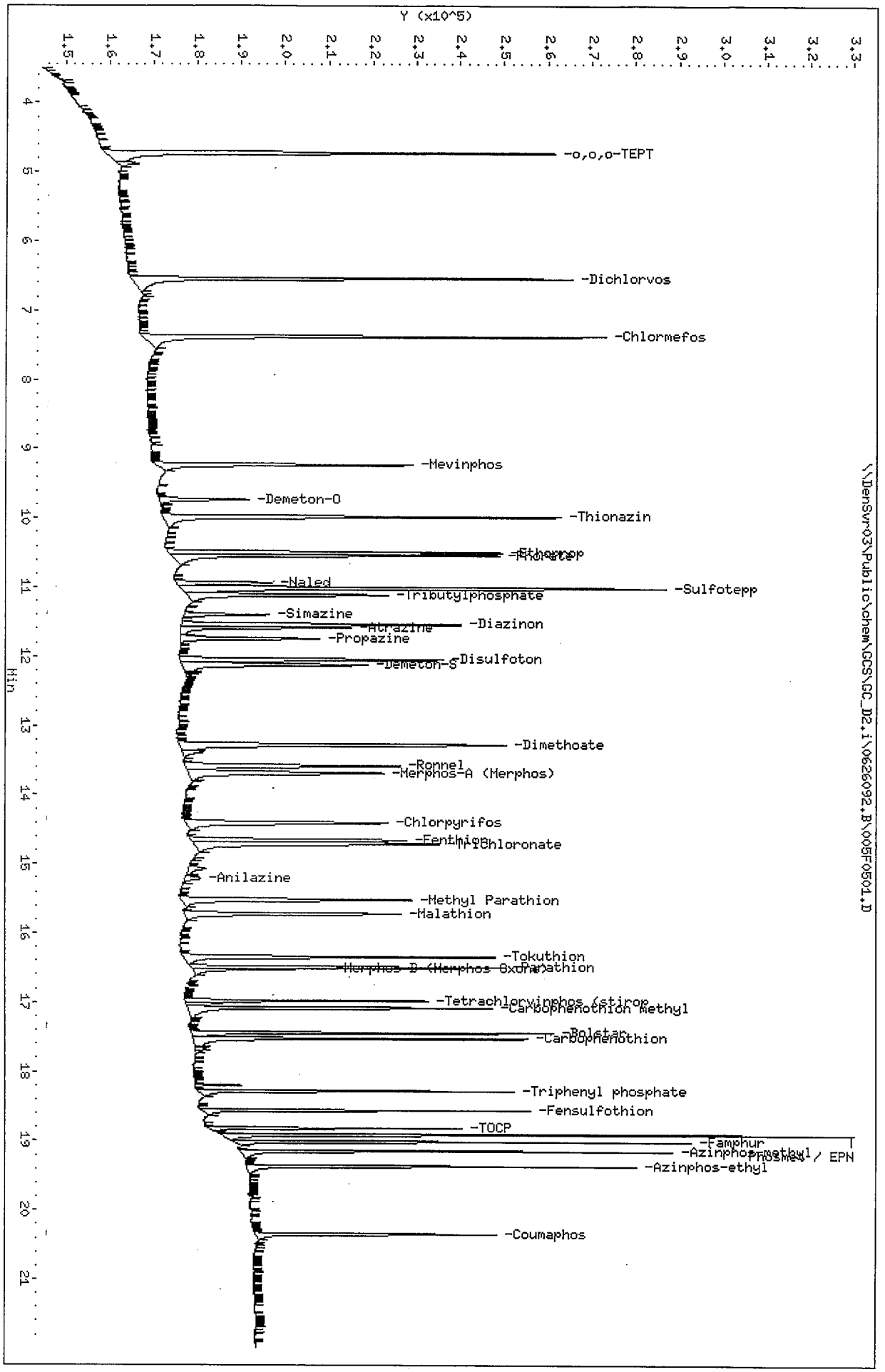
Instrument ID: GC_D2.i
Lab File ID: 005F0501.D
Lab Smp Id: OPP L5 GSV0635
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Misc Info:

Calibration Date: 26-JUN-2009
Calibration Time: 21:40
Client Smp ID: OPP L5 GSV0635
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	123933	61967	247866	123454	-0.39
36 TOCP	68831	34416	137662	69265	0.63

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.12	0.00
36 TOCP	18.82	18.32	19.32	18.82	0.00

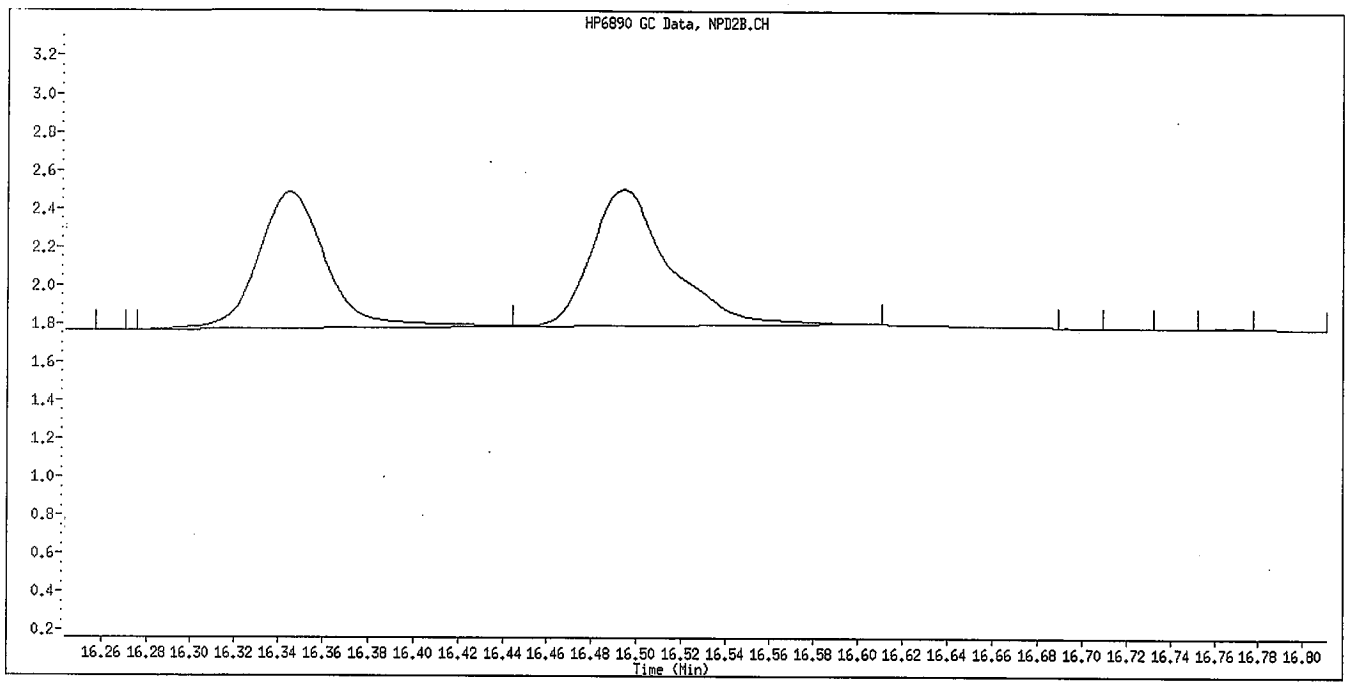
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



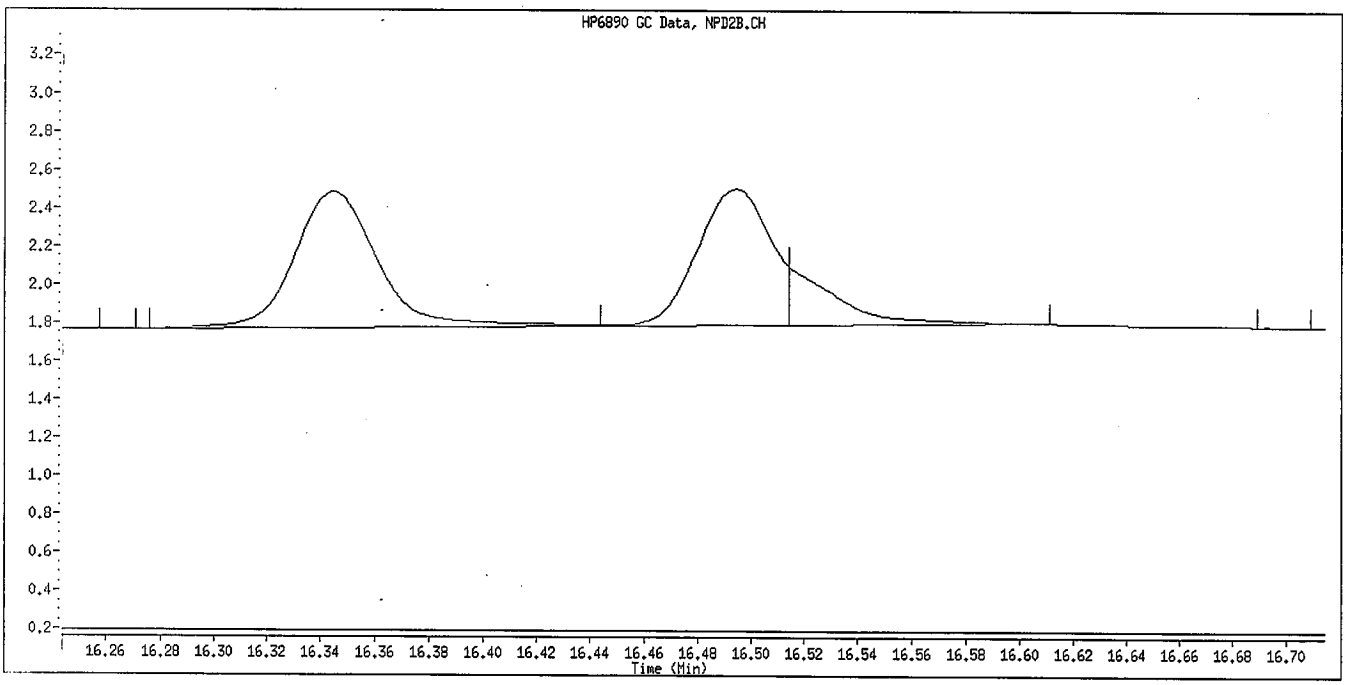
Data File: \\DenSvr03\Public\chem\GCS\GC_D2,i\0626092,B\005F0501,D
Date : 26-JUN-2009 19:23
Client ID: OPP L5 GSV0635
Sample Info: OPP L5 GSV0635
Column phase: RTx-OPPest

Instrument: GC_D2,i
Operator: MPK/TLW
Column diameter: 0.32

Data File Name: 005F0501.D
Inj. Date and Time: 26-JUN-2009 19:23
Instrument ID: GC_D2.i
Client ID: OPP L5 GSV0635
Compound Name: Parathion
CAS #:
Report Date: 06/30/2009



Original Integration

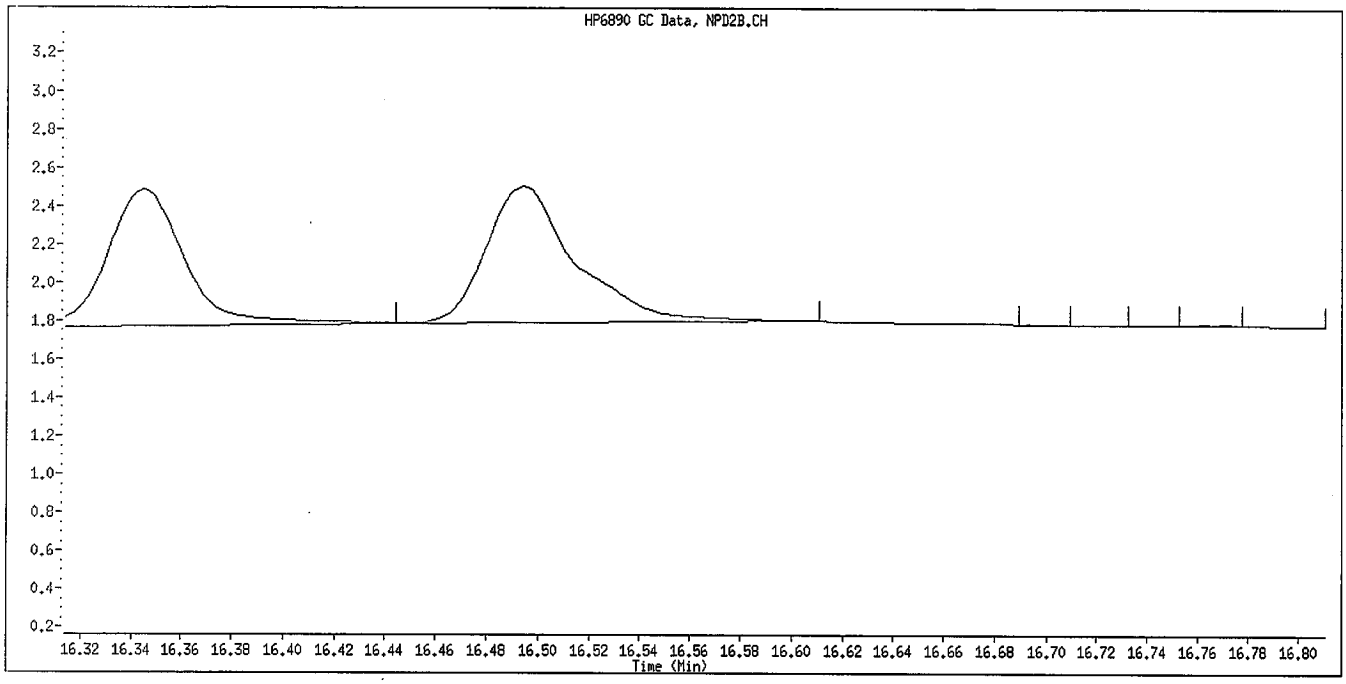


Manual Integration

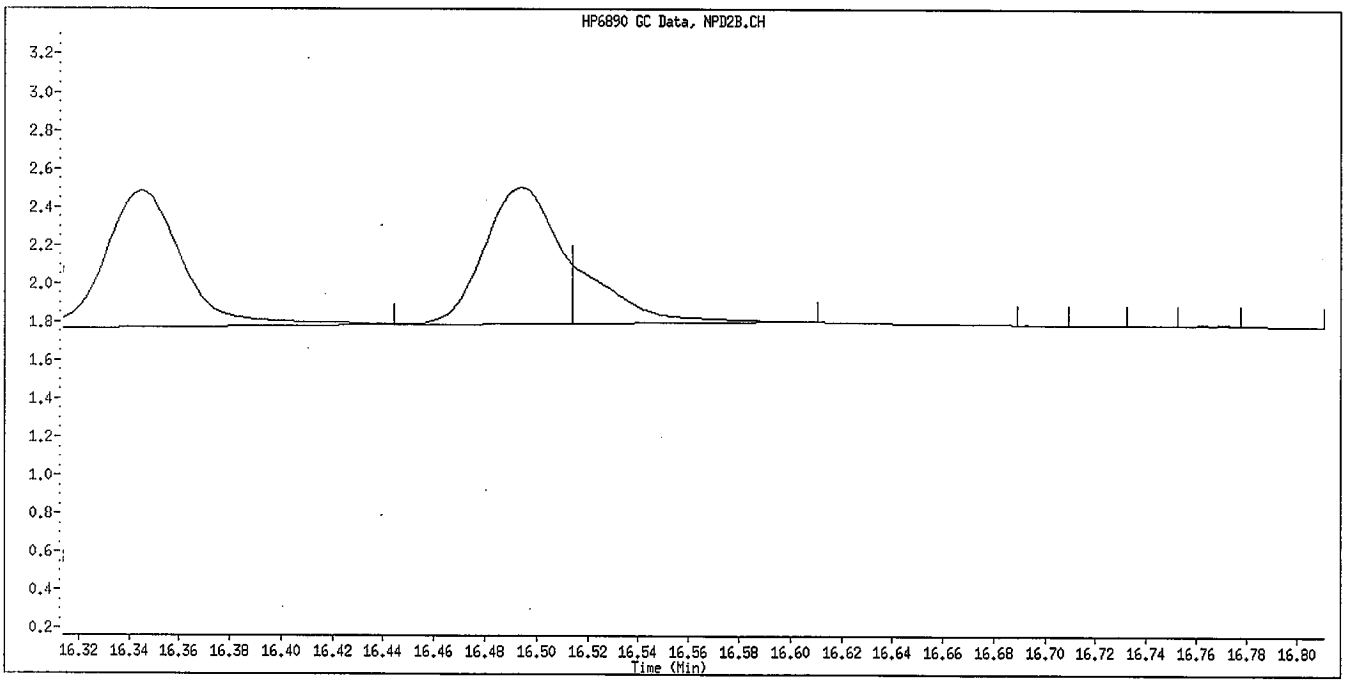
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 005F0501.D
Inj. Date and Time: 26-JUN-2009 19:23
Instrument ID: GC_D2.i
Client ID: OPP L5 GSV0635
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\006F0601.D
Lab Smp Id: OPP L4 GSV0638 Client Smp ID: OPP L4 GSV0638
Inj Date : 26-JUN-2009 19:50
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L4 GSV0638
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Meth Date : 30-Jun-2009 12:58 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 19:23 Cal File: 005F0501.D
Als bottle: 6 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1 o,o,o-TEPT	4.730	4.731	(0.251)	181207	2.00000	2.055
	2 Dichlorvos	6.545	6.546	(0.348)	148252	2.00000	2.154
$	3 Chlormefos	7.383	7.384	(0.392)	138652	2.00000	2.001
	4 Mevinphos	9.233	9.234	(0.491)	98399	2.00000	2.122
	5 Demeton-O	9.733	9.734	(0.517)	29742	0.65000	0.6731
	6 Thionazin	9.983	9.984	(0.531)	134999	2.00000	1.947
	7 Ethoprop	10.498	10.499	(0.558)	103308	2.00000	1.994
	8 Phorate	10.537	10.539	(0.560)	115663	2.00000	1.925
	9 Naled	10.940	10.939	(0.581)	28010	2.00000	1.943
	10 Sulfotepp	11.017	11.017	(0.586)	187497	2.00000	2.069(A)
*	11 Tributylphosphate	11.115	11.116	(1.000)	126959	2.00000	
	12 Simazine	11.398	11.399	(0.606)	26282	2.00000	2.025(A)
	13 Diazinon	11.540	11.541	(0.613)	98649	2.00000	2.033
	14 Atrazine	11.582	11.584	(0.616)	49088	2.00000	1.960(A)
	15 Propazine	11.745	11.747	(0.624)	43235	2.00000	1.922
	16 Disulfoton	12.050	12.049	(0.640)	96402	2.00000	2.017
	17 Demeton-S	12.125	12.124	(0.644)	70921	1.36000	1.296
	18 Dimethoate	13.280	13.282	(0.706)	123978	2.00000	1.935
	19 Ronnel	13.588	13.587	(0.722)	84095	2.00000	1.950
	20 Merphos-A (Merphos)	13.690	13.689	(1.232)	90289	2.00000	1.962(A)
	21 Chlorpyrifos	14.408	14.409	(0.766)	82272	2.00000	1.881
	22 Fenthion	14.660	14.662	(0.779)	79190	2.00000	1.952
	23 Trichloronate	14.708	14.711	(0.782)	106326	2.00000	1.900
	24 Anilazine	15.212	15.216	(0.808)	6899	2.00000	1.843
	25 Methyl Parathion	15.520	15.519	(0.825)	91219	2.00000	2.083(A)
	26 Malathion	15.725	15.724	(0.836)	80242	2.00000	1.956
	27 Tokuthion	16.345	16.344	(0.869)	92069	2.00000	1.917
	28 Parathion	16.493	16.494	(0.877)	84124	2.00000	1.950(M)
	29 Merphos-B (Merphos Oxone)	16.513	16.517	(1.486)	23458	2.00000	1.603(AM)
	30 Tetrachlorvinphos (stirophos)	16.977	16.977	(0.902)	54727	2.00000	1.961
	31 Carbophenothion methyl	17.082	17.082	(0.908)	79857	2.00000	1.996
	32 Bolstar	17.440	17.440	(0.927)	82203	2.00000	1.951
	33 Carbophenothion	17.523	17.524	(0.931)	80431	2.00000	1.941(A)

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	34 Triphenyl phosphate	18.280	18.281	(0.972)	73416	2.00000	2.159
	35 Fensulfothion	18.558	18.559	(0.986)	66352	2.00000	2.125
*	36 TOCP	18.815	18.816	(1.000)	68161	2.00000	
	37 Phosmet / EPN	18.908	18.909	(1.005)	146012	4.00000	4.177
	38 Famphur	19.012	19.011	(1.010)	95300	2.00000	2.132
	39 Azinphos-methyl	19.147	19.147	(1.018)	88773	2.00000	2.171
	40 Azinphos-ethyl	19.365	19.366	(1.029)	80966	2.00000	2.079
	41 Coumaphos	20.347	20.347	(1.081)	61650	2.00000	2.059
S	42 Merphos				113747	2.00000	2.002(A)
M	43 Total Demeton				100663	2.00000	1.969

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

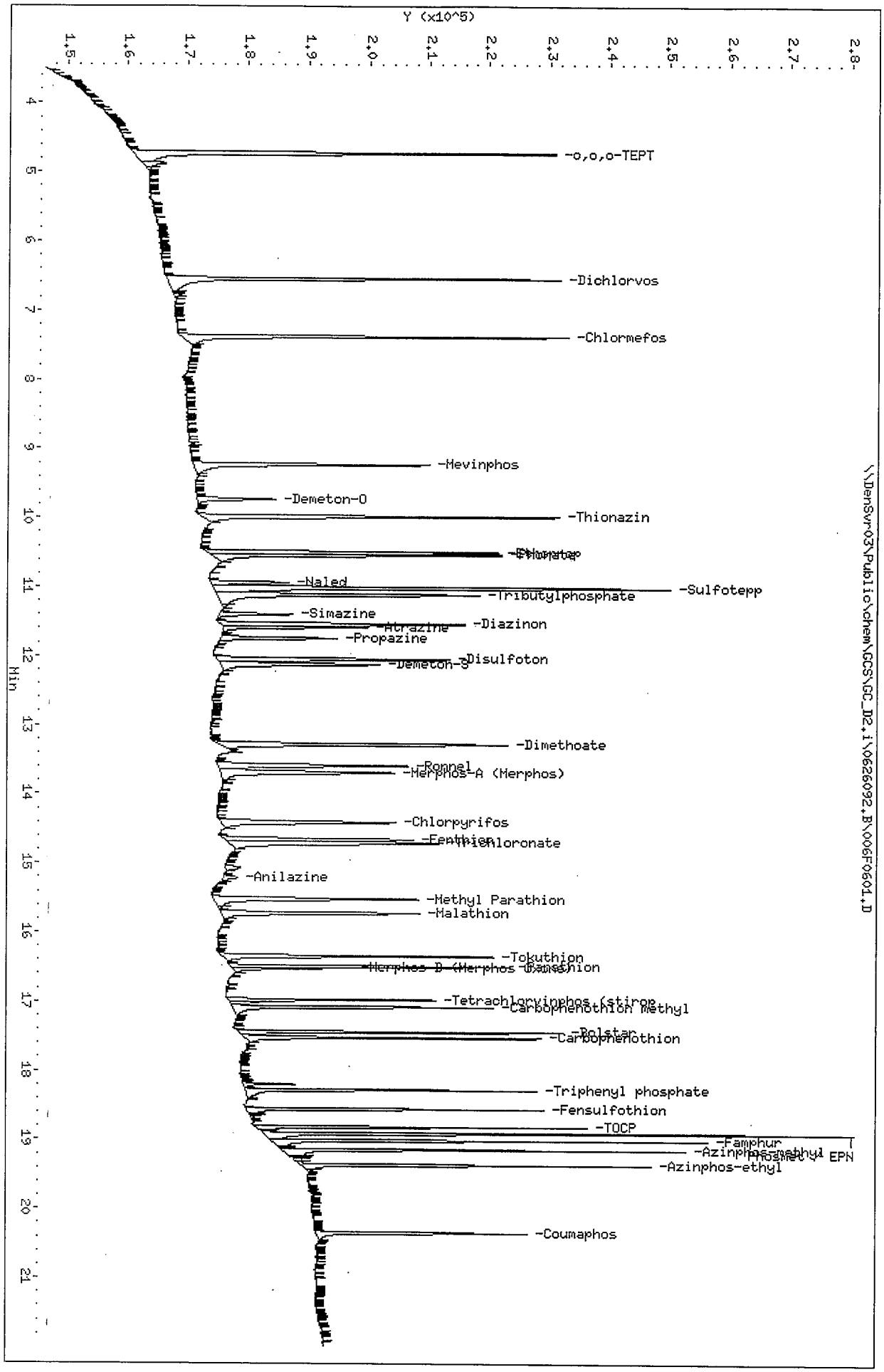
Instrument ID: GC_D2.i
Lab File ID: 006F0601.D
Lab Smp Id: OPP L4 GSV0638
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Misc Info:

Calibration Date: 26-JUN-2009
Calibration Time: 19:50
Client Smp ID: OPP L4 GSV0638
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	126959	63480	253918	126959	0.00
36 TOCP	68161	34081	136322	68161	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.12	0.00
36 TOCP	18.82	18.32	19.32	18.82	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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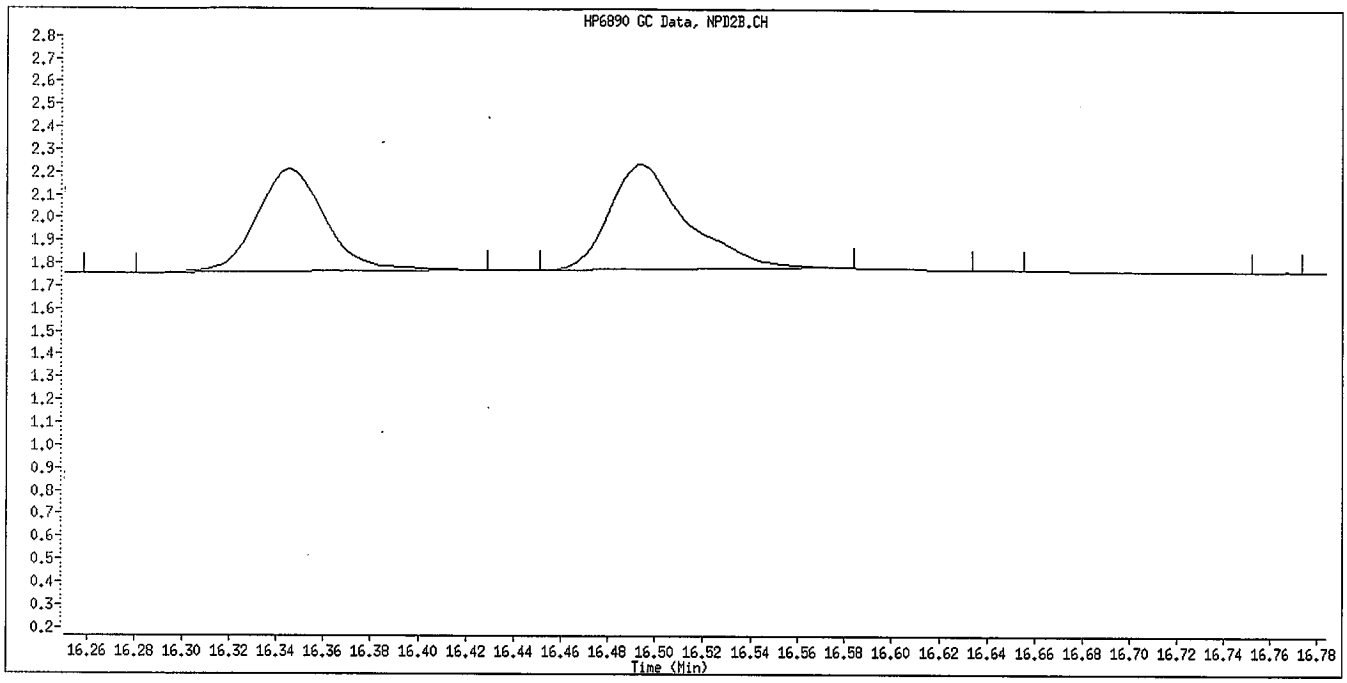
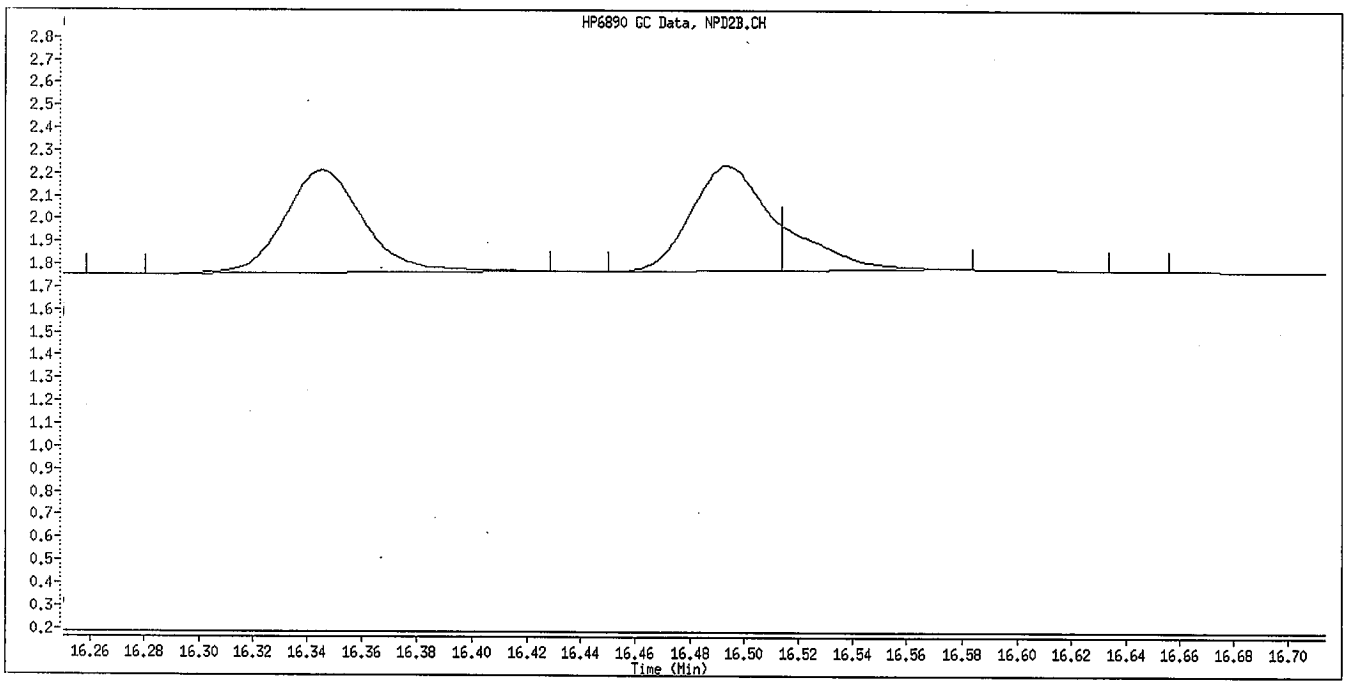
Date : 26-JUN-2009 19:50
Client ID: OPP L4 GSV0638
Sample Info: OPP L4 GSV0638
Column phase: RTx-OPPest
Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32
\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\006F0601.D
Y (x10^5)
Min
-o,o,o-TEPT
-Dichlorvos
-Chlormefos
-Mevinphos
-Demeton-O
-Thionazin
-Naled
-Sulfotepp
-Tributylphosphate
-Simazine
-Diazinon
-Propazine
-Disulfoton
-Dimethoate
-Ronnel
-Merphos-A (Merphos)
-Chlorpyrifos
-Anilazine
-Methyl Parathion
-Malathion
-Tokuthion
-Tetrachlorvinphos (stirop
-Carbophenothion Methyl
-Carbophenothion
-Triphenyl phosphate
-Fensulfothion
-TOCP
-Famphur
-Azinphos-ethyl
-Coumaphos

Data File Name: 006F0601.D
Inj. Date and Time: 26-JUN-2009 19:50
Instrument ID: GC_D2.i
Client ID: OPP L4 GSV0638
Compound Name: Parathion
CAS #:
Report Date: 06/30/2009



Original Integration

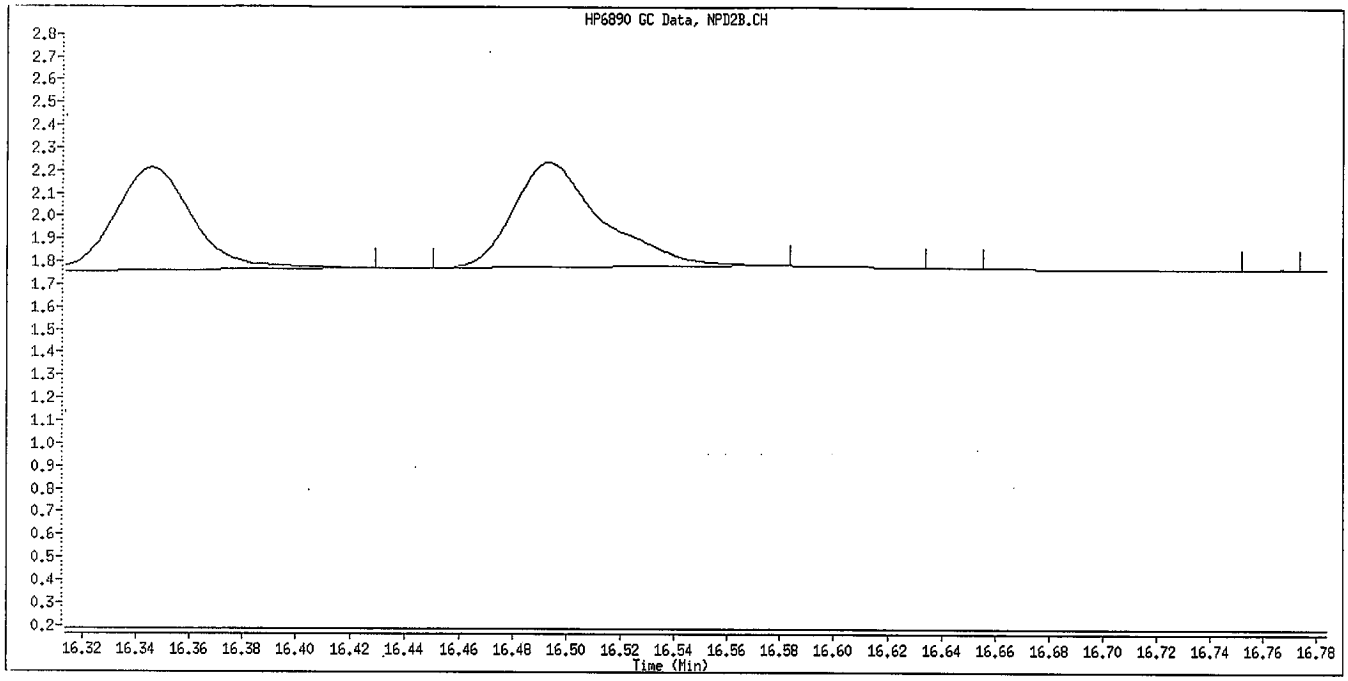


Manual Integration

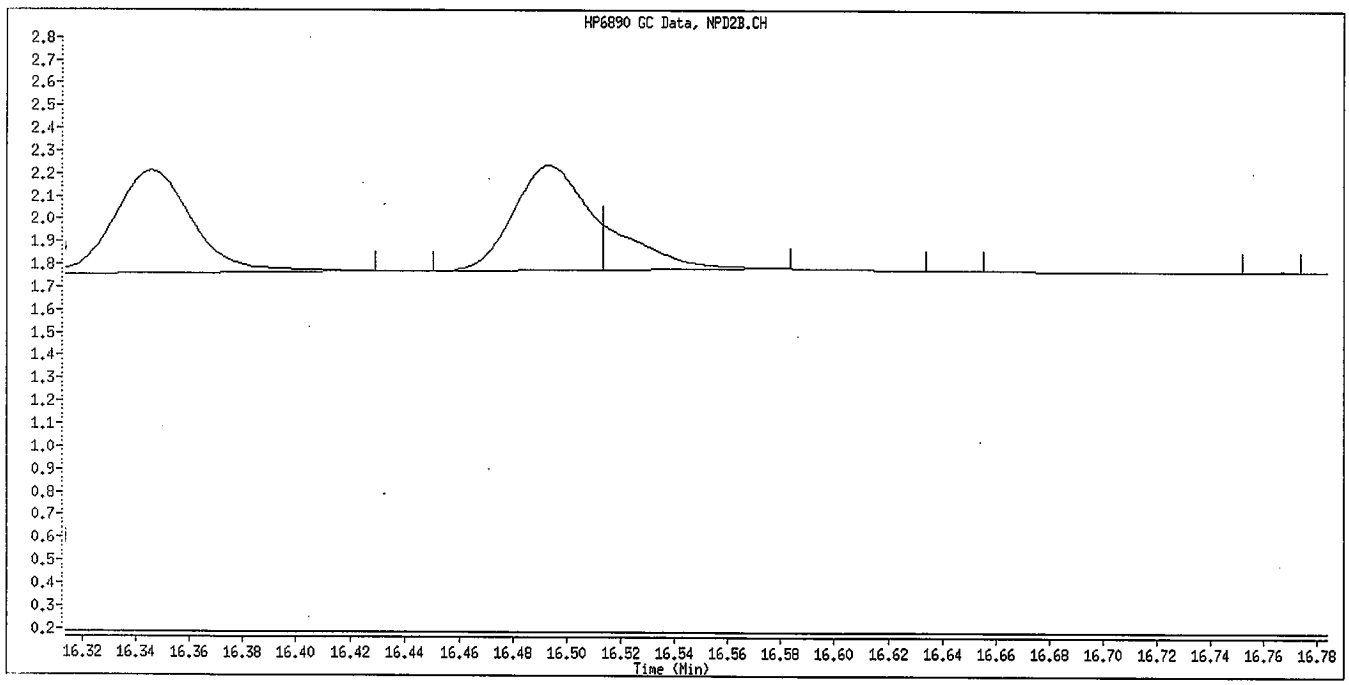
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 006F0601.D
Inj. Date and Time: 26-JUN-2009 19:50
Instrument ID: GC_D2.i
Client ID: OPP L4 GSV0638
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\007F0701.D
Lab Smp Id: OPP L3 GSV0639 Client Smp ID: OPP L3 GSV0639
Inj Date : 26-JUN-2009 20:18
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L3 GSV0639
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Meth Date : 30-Jun-2009 12:58 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 19:50 Cal File: 006F0601.D
Als bottle: 7 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

						AMOUNTS	
	Compounds	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/mL)	ON-COL (ug/mL)
	1 o,o,o-TEPT	4.728	4.731	(0.251)	81887	1.00000	0.9107
	2 Dichlorvos	6.546	6.546	(0.348)	63970	1.00000	0.9111
$	3 Chlormefos	7.383	7.384	(0.392)	61984	1.00000	0.8770
	4 Mevinphos	9.235	9.234	(0.491)	42341	1.00000	0.8952
	5 Demeton-O	9.733	9.734	(0.517)	13386	0.32500	0.2970
	6 Thionazin	9.985	9.984	(0.531)	67347	1.00000	0.9522
	7 Ethoprop	10.500	10.499	(0.558)	50288	1.00000	0.9515
	8 Phorate	10.536	10.539	(0.560)	55056	1.00000	0.8983
	9 Naled	10.941	10.939	(0.582)	10859	1.00000	0.9052
	10 Sulfotepp	11.016	11.017	(0.586)	90141	1.00000	0.9752(A)
*	11 Tributylphosphate	11.116	11.116	(1.000)	109941	2.00000	
	12 Simazine	11.398	11.399	(0.606)	12288	1.00000	0.9282(A)
	13 Diazinon	11.541	11.541	(0.613)	49407	1.00000	1.013
	14 Atrazine	11.581	11.584	(0.616)	21316	1.00000	0.9678(A)
	15 Propazine	11.746	11.747	(0.624)	20907	1.00000	0.9421
	16 Disulfoton	12.050	12.049	(0.640)	47563	1.00000	0.9757
	17 Demeton-S	12.126	12.124	(0.645)	33785	0.68000	0.6688
	18 Dimethoate	13.283	13.282	(0.706)	60106	1.00000	0.9200
	19 Ronnel	13.588	13.587	(0.722)	39845	1.00000	0.9061
	20 Merphos-A (Merphos)	13.690	13.689	(1.231)	42032	1.00000	1.055(A)
	21 Chlorpyrifos	14.410	14.409	(0.766)	43430	1.00000	0.9737
	22 Fenthion	14.663	14.662	(0.779)	40767	1.00000	0.9854
	23 Trichloronate	14.710	14.711	(0.782)	49357	1.00000	0.9220
	24 Anilazine	15.218	15.216	(0.809)	3581	1.00000	0.9372(M)
	25 Methyl Parathion	15.520	15.519	(0.825)	42442	1.00000	0.9503
	26 Malathion	15.725	15.724	(0.836)	39993	1.00000	0.9559
	27 Tokuthion	16.345	16.344	(0.869)	47016	1.00000	0.9598
	28 Parathion	16.493	16.494	(0.877)	43405	1.00000	0.9863(M)
	29 Merphos-B (Merphos Oxone)	16.515	16.517	(1.486)	15065	1.00000	1.162(AM)
	30 Tetrachlorvinphos (stirophos)	16.976	16.977	(0.902)	25459	1.00000	0.8943
	31 Carbophenothion methyl	17.081	17.082	(0.908)	36393	1.00000	0.8919
	32 Bolstar	17.441	17.440	(0.927)	41390	1.00000	0.9630
	33 Carbophenothion	17.523	17.524	(0.931)	40089	1.00000	0.9485(A)

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	34 Triphenyl phosphate	18.280	18.281	(0.972)	31677	1.00000	0.9133
	35 Fensulfothion	18.558	18.559	(0.986)	30601	1.00000	0.9609
*	36 TOCP	18.815	18.816	(1.000)	69519	2.00000	
	37 Phosmet / EPN	18.908	18.909	(1.005)	68186	2.00000	1.866
	38 Famphur	19.010	19.011	(1.010)	41284	1.00000	0.9054
	39 Azinphos-methyl	19.145	19.147	(1.018)	37491	1.00000	0.8988
	40 Azinphos-ethyl	19.365	19.366	(1.029)	38936	1.00000	0.9801
	41 Coumaphos	20.345	20.347	(1.081)	29854	1.00000	0.9774
S	42 Merphos				57097	1.00000	0.9855
M	43 Total Demeton				47171	1.00000	0.9658

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

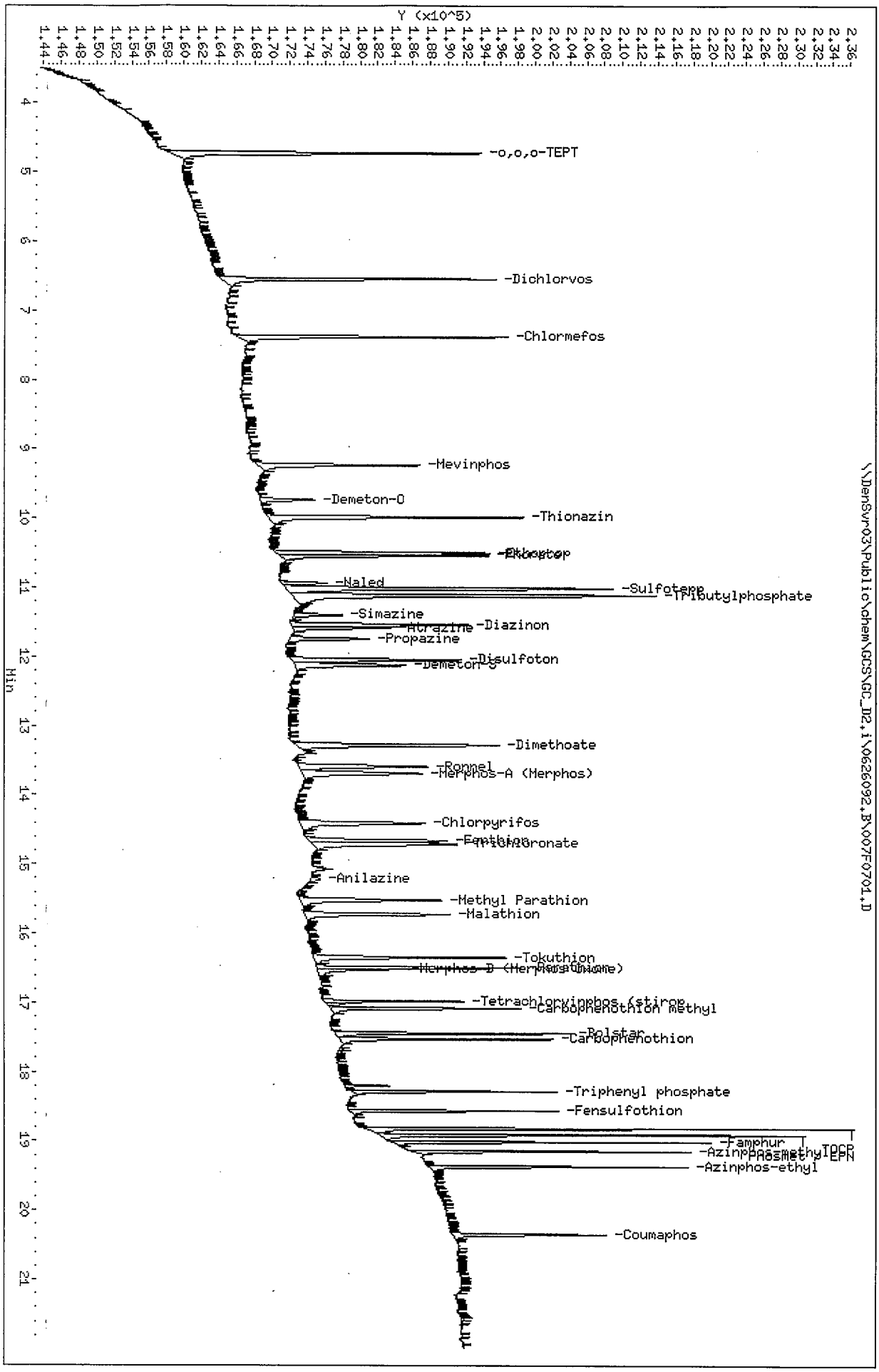
Instrument ID: GC_D2.i
Lab File ID: 007F0701.D
Lab Smp Id: OPP L3 GSV0639
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Misc Info:

Calibration Date: 26-JUN-2009
Calibration Time: 19:50
Client Smp ID: OPP L3 GSV0639
Level:
Sample Type:

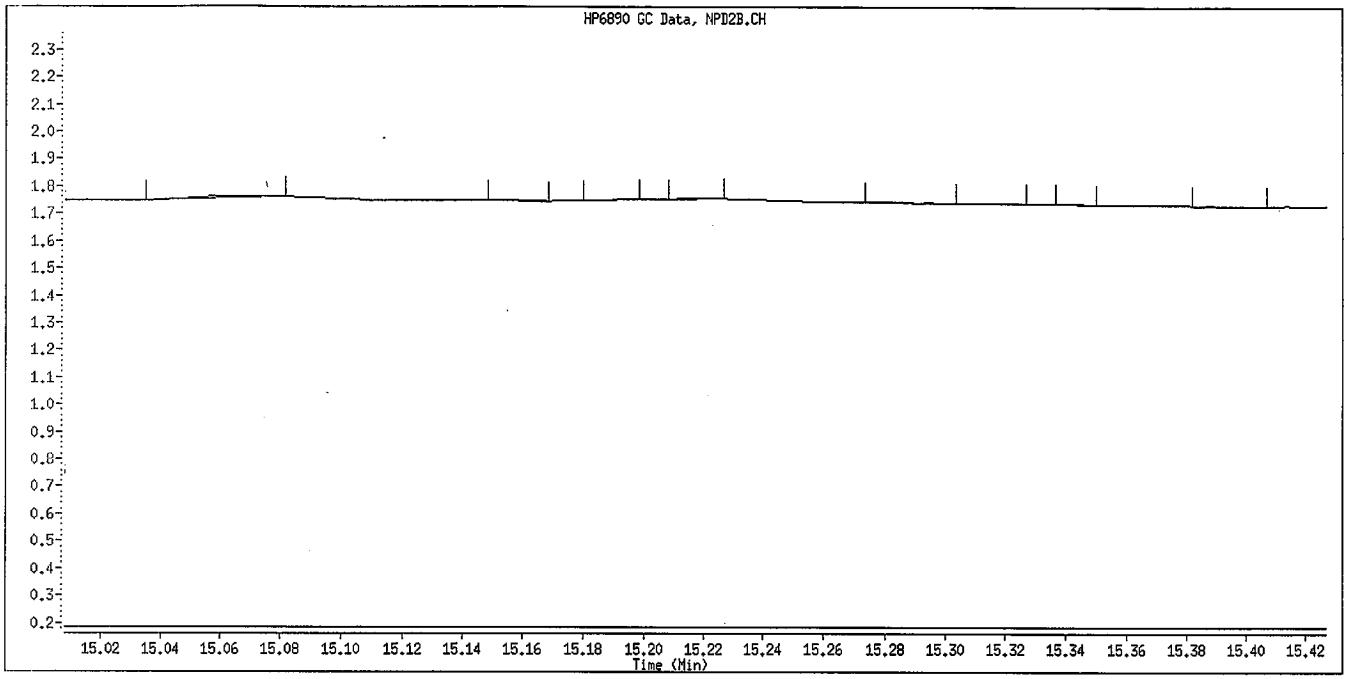
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	126959	63480	253918	109941	-13.40
36 TOCP	68161	34081	136322	69519	1.99

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.12	0.01
36 TOCP	18.82	18.32	19.32	18.82	-0.00

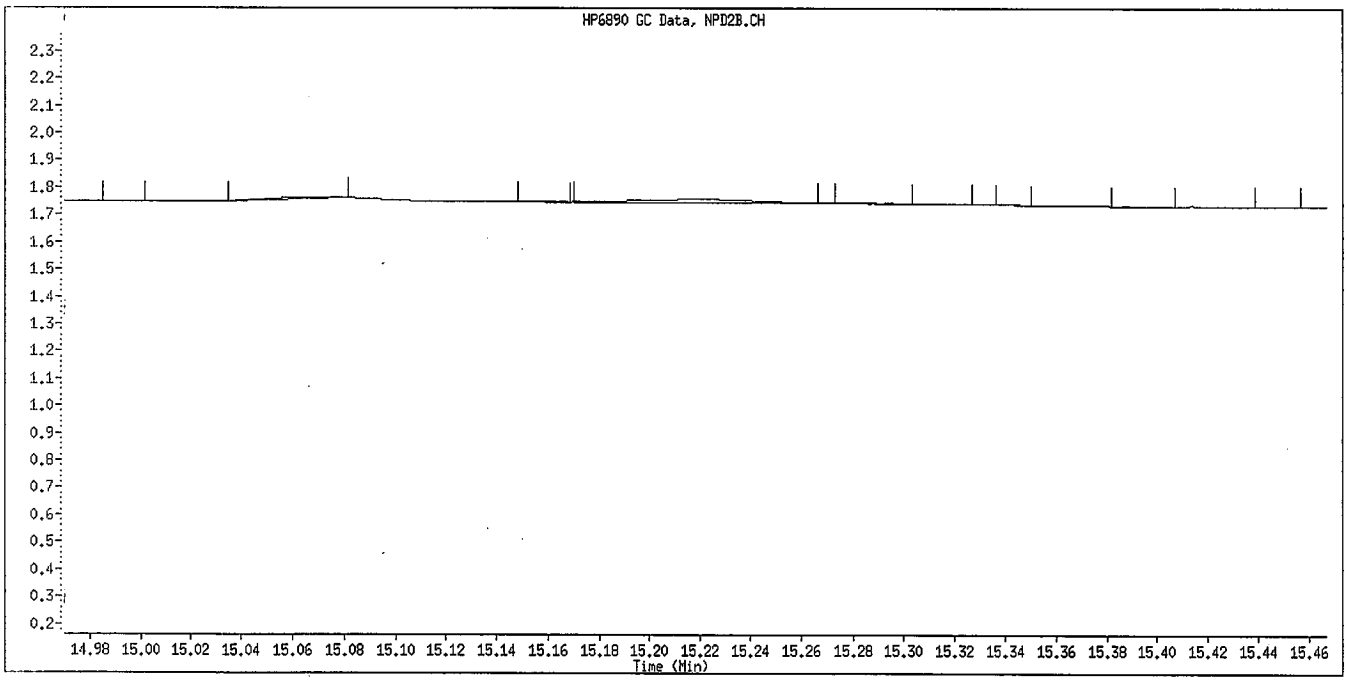
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\DenSvr03\Public\chem\GCS\GC_D2,i\0626092,B\007F0701.D
Date : 26-JUN-2009 20:18
Client ID: OPP L3 GSV0639
Sample Info: OPP L3 GSV0639
Column phase: RTx-OPPest
Instrument: GC_D2,i
Operator: MPK/TLW
Column diameter: 0.32
\\DenSvr03\Public\chem\GCS\GC_D2,i\0626092,B\007F0701.D
Y (x10^5)
Min
-o,o,o-TEPT
-Dichlorvos
-Chlormefos
-Mevinphos
-Demeton-O
-Thionazin
-Naled
-Sulfotepp
-Tributylphosphate
-Simazine
-Diazinon
-Propazine
-Dimethoate
-Ronnel
-Merphos-A (Merphos)
-Chlorpyrifos
-Anilazine
-Methyl Parathion
-Malathion
-Tokuthion
-Tetrachlorvinphos (Stirofos)
-Carbophenothion methyl
-Carbophenothion
-Triphenyl phosphate
-Fensulfothion
-Famphur
-Azinphos-ethyl
-Coumaphos

Data File Name: 007F0701.D
Inj. Date and Time: 26-JUN-2009 20:18
Instrument ID: GC_D2.i
Client ID: OPP L3 GSV0639
Compound Name: Anilazine
CAS #:
Report Date: 06/30/2009



Original Integration

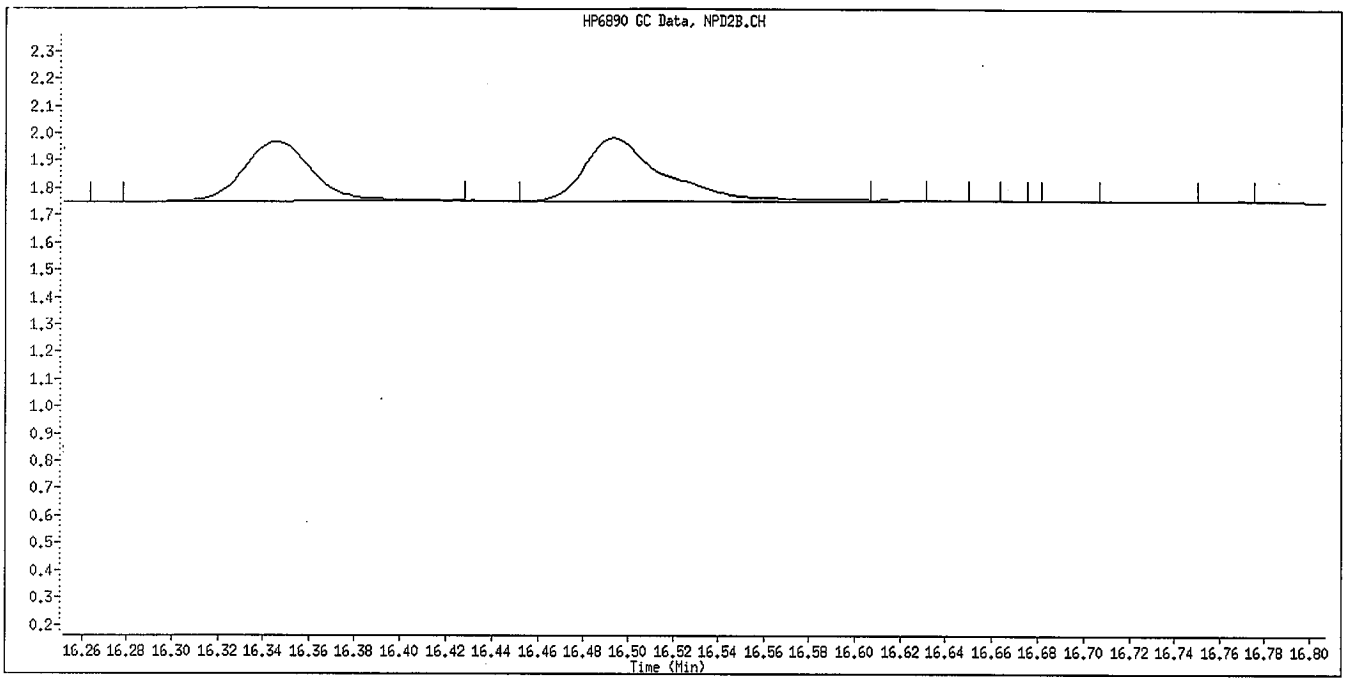


Manual Integration

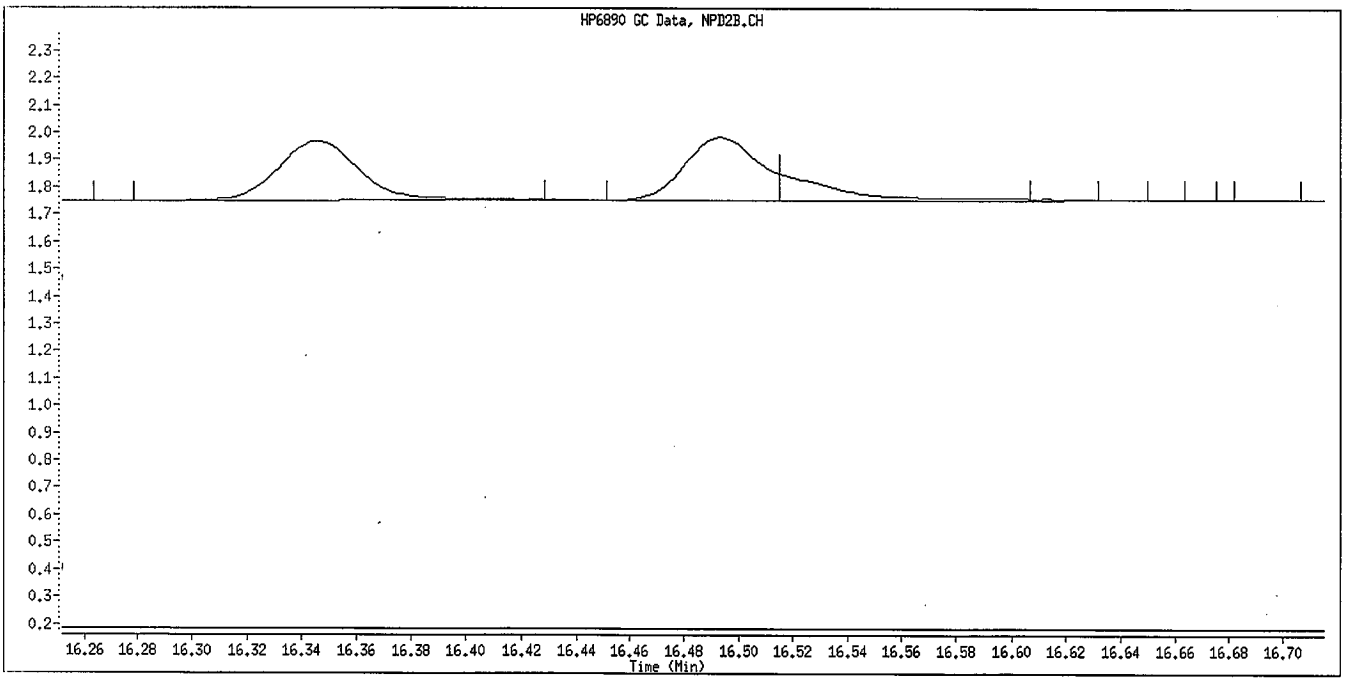
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 007F0701.D
Inj. Date and Time: 26-JUN-2009 20:18
Instrument ID: GC_D2.i
Client ID: OPP L3 GSV0639
Compound Name: Parathion
CAS #:
Report Date: 06/30/2009



Original Integration

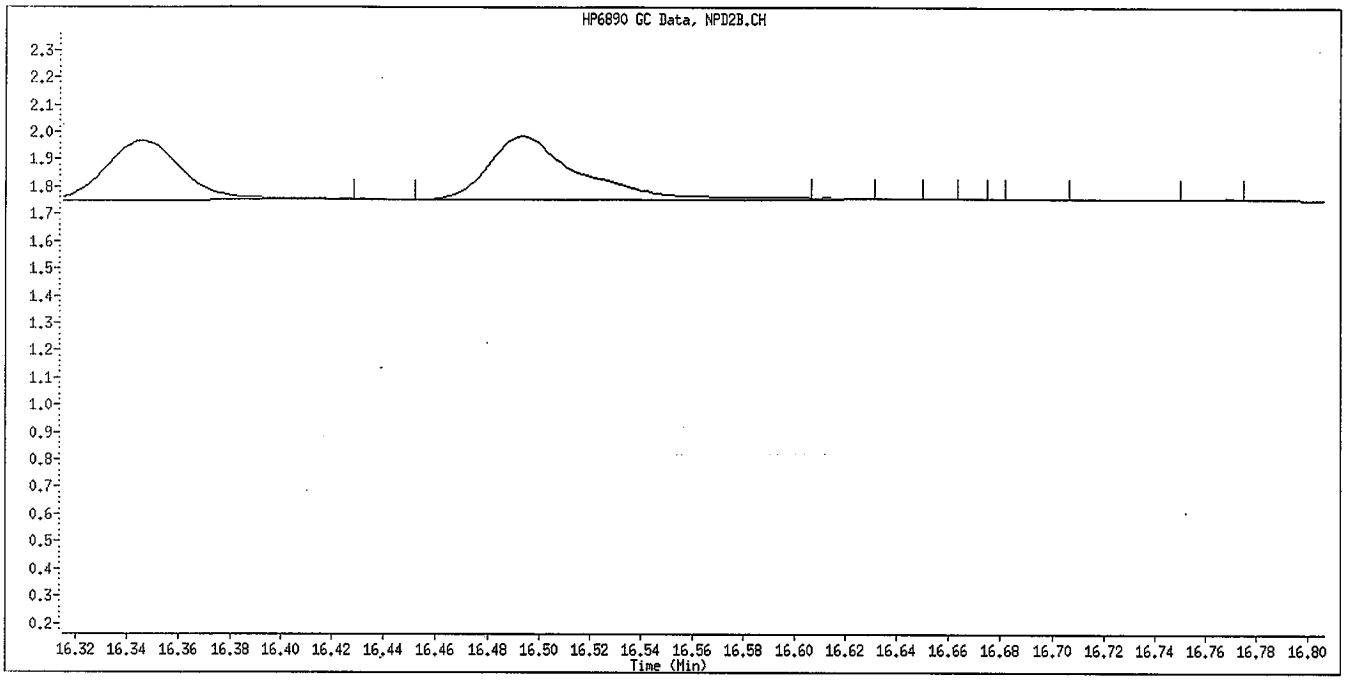


Manual Integration

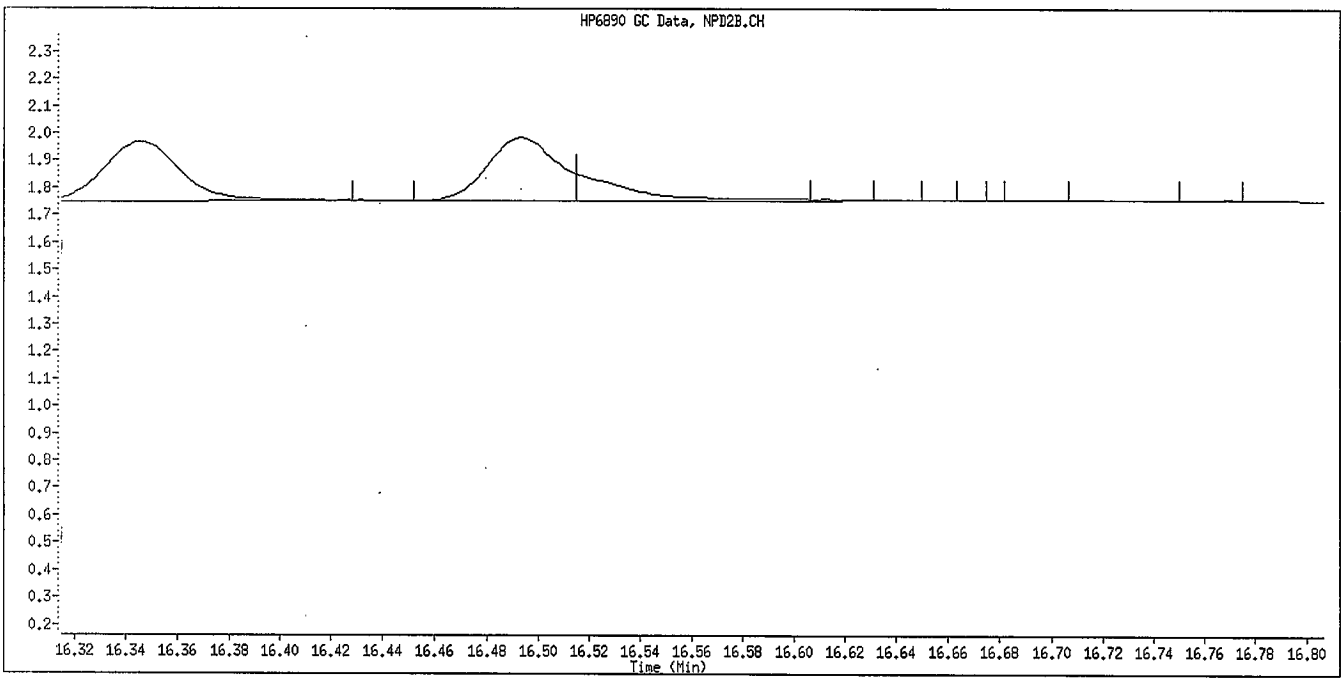
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 007F0701.D
Inj. Date and Time: 26-JUN-2009 20:18
Instrument ID: GC_D2.i
Client ID: OPP L3 GSV0639
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\008F0801.D
Lab Smp Id: OPP L2 GSV0640 Client Smp ID: OPP L2 GSV0640
Inj Date : 26-JUN-2009 20:45
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L2 GSV0640
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Meth Date : 30-Jun-2009 12:58 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 20:18 Cal File: 007F0701.D
Als bottle: 8 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

		Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1	o,o,o-TEPT	4.729	4.731	(0.251)	43725	0.50000	0.4721
	2	Dichlorvos	6.546	6.546	(0.348)	32623	0.50000	0.4511
$	3	Chlormefos	7.383	7.384	(0.392)	32886	0.50000	0.4517
	4	Mevinphos	9.233	9.234	(0.491)	22377	0.50000	0.4593
	5	Demeton-O	9.734	9.734	(0.517)	7562	0.16250	0.1629
	6	Thionazin	9.983	9.984	(0.531)	32975	0.50000	0.4526
	7	Ethoprop	10.501	10.499	(0.558)	25261	0.50000	0.4640
	8	Phorate	10.538	10.539	(0.560)	28693	0.50000	0.4545
	9	Naled	10.934	10.939	(0.581)	1666	0.50000	0.3635
	10	Sulfotepp	11.018	11.017	(0.586)	45401	0.50000	0.4768(A)
*	11	Tributylphosphate	11.118	11.116	(1.000)	107017	2.00000	
	12	Simazine	11.401	11.399	(0.606)	6209	0.50000	0.4553(A)
	13	Diazinon	11.541	11.541	(0.613)	15923	0.50000	0.3370
	14	Atrazine	11.579	11.584	(0.615)	1231	0.50000	0.2736(A)
	15	Propazine	11.746	11.747	(0.624)	8102	0.50000	0.3907
	16	Disulfoton	12.049	12.049	(0.640)	23807	0.50000	0.4741
	17	Demeton-S	12.124	12.124	(0.644)	15766	0.34000	0.3681
	18	Dimethoate	13.281	13.282	(0.706)	33707	0.50000	0.5009
	19	Ronnel	13.588	13.587	(0.722)	19648	0.50000	0.4338
	20	Merphos-A (Merphos)	13.689	13.689	(1.231)	19488	0.50000	0.5025(A)
	21	Chlorpyrifos	14.409	14.409	(0.766)	20746	0.50000	0.4515
	22	Fenthion	14.661	14.662	(0.779)	20747	0.50000	0.4869
	23	Trichloronate	14.709	14.711	(0.782)	26053	0.50000	0.5238
	24	Anilazine	15.213	15.216	(0.809)	2256	0.50000	0.5727(M)
	25	Methyl Parathion	15.519	15.519	(0.825)	20061	0.50000	0.4361
	26	Malathion	15.724	15.724	(0.836)	21428	0.50000	0.4972
	27	Tokuthion	16.346	16.344	(0.869)	23462	0.50000	0.4650
	28	Parathion	16.493	16.494	(0.877)	20700	0.50000	0.4566(M)
	29	Merphos-B (Merphos Oxone)	16.514	16.517	(1.485)	6271	0.50000	0.4377(AM)
	30	Tetrachlorvinphos (stirophos)	16.976	16.977	(0.902)	13089	0.50000	0.4464
	31	Carbophenothion methyl	17.081	17.082	(0.908)	18266	0.50000	0.4346
	32	Bolstar	17.441	17.440	(0.927)	21910	0.50000	0.4949
	33	Carbophenothion	17.521	17.524	(0.931)	20336	0.50000	0.4671(A)

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	34 Triphenyl phosphate	18.279	18.281	(0.972)	15570	0.50000	0.4358
	35 Fensulfothion	18.558	18.559	(0.986)	14395	0.50000	0.4388
*	36 TOCP	18.814	18.816	(1.000)	71609	2.00000	
	37 Phosmet / EPN	18.908	18.909	(1.005)	35826	1.00000	0.9102
	38 Famphur	19.009	19.011	(1.010)	21626	0.50000	0.4604
	39 Azinphos-methyl	19.146	19.147	(1.018)	19508	0.50000	0.4540
	40 Azinphos-ethyl	19.364	19.366	(1.029)	19984	0.50000	0.4884
	41 Coumaphos	20.348	20.347	(1.081)	14618	0.50000	0.4646
S	42 Merphos				25759	0.50000	0.4316
M	43 Total Demeton				23328	0.50000	0.5310

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

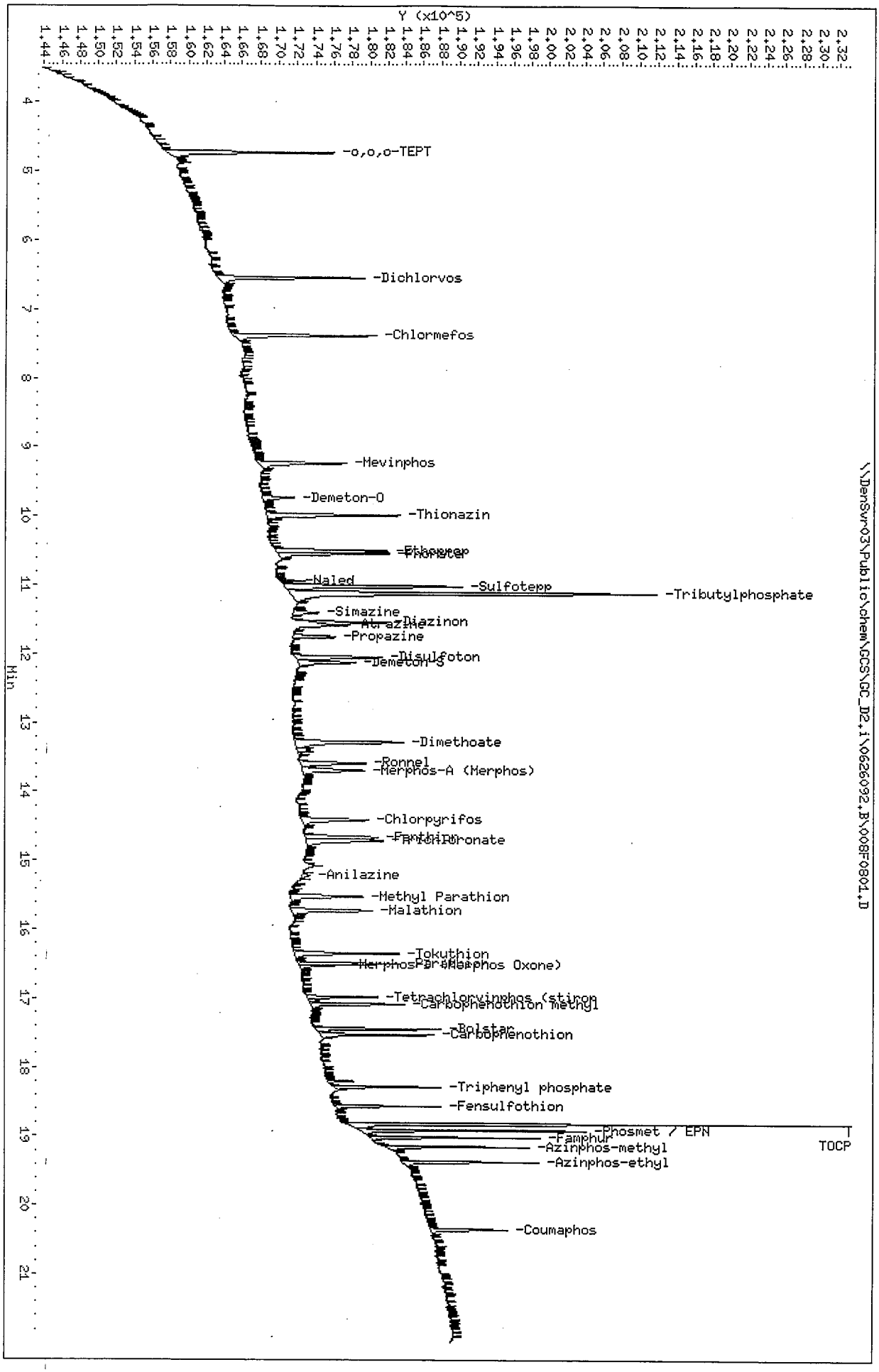
Instrument ID: GC_D2.i
Lab File ID: 008F0801.D
Lab Smp Id: OPP L2 GSV0640
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Misc Info:

Calibration Date: 26-JUN-2009
Calibration Time: 19:50
Client Smp ID: OPP L2 GSV0640
Level:
Sample Type:

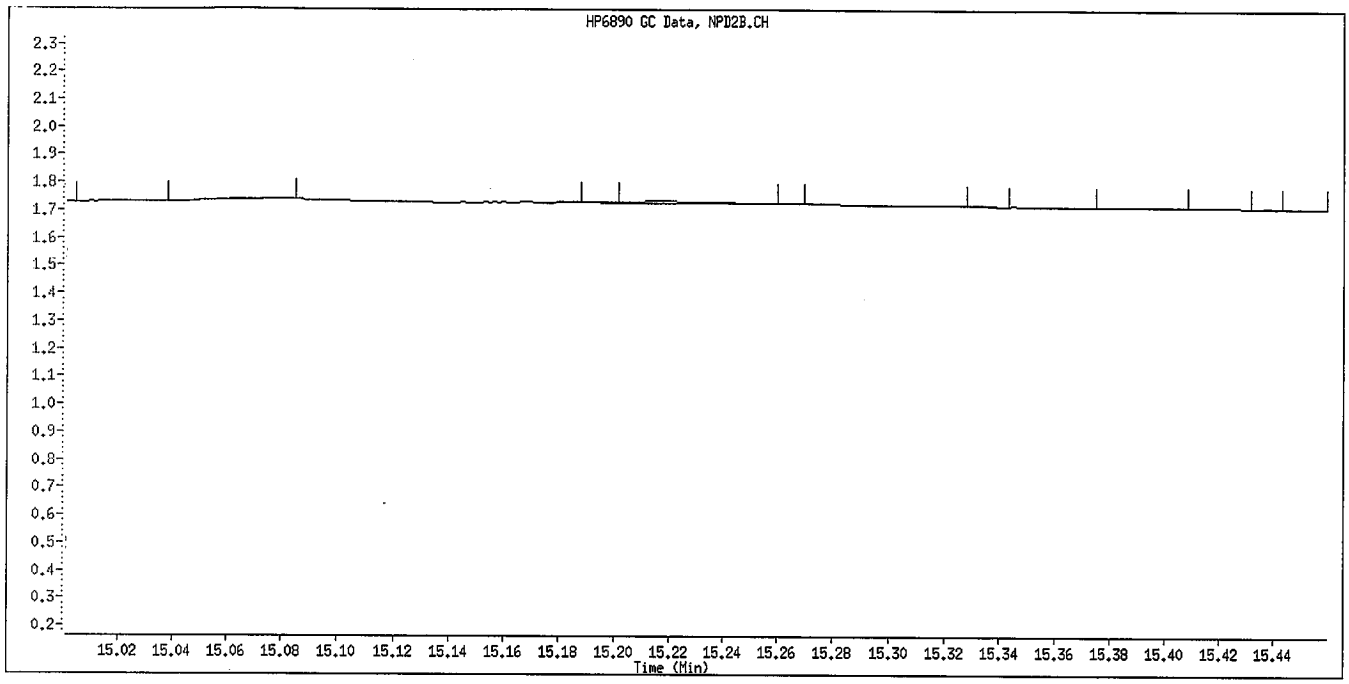
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	126959	63480	253918	107017	-15.71
36 TOCP	68161	34081	136322	71609	5.06

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.12	0.02
36 TOCP	18.82	18.32	19.32	18.81	-0.00

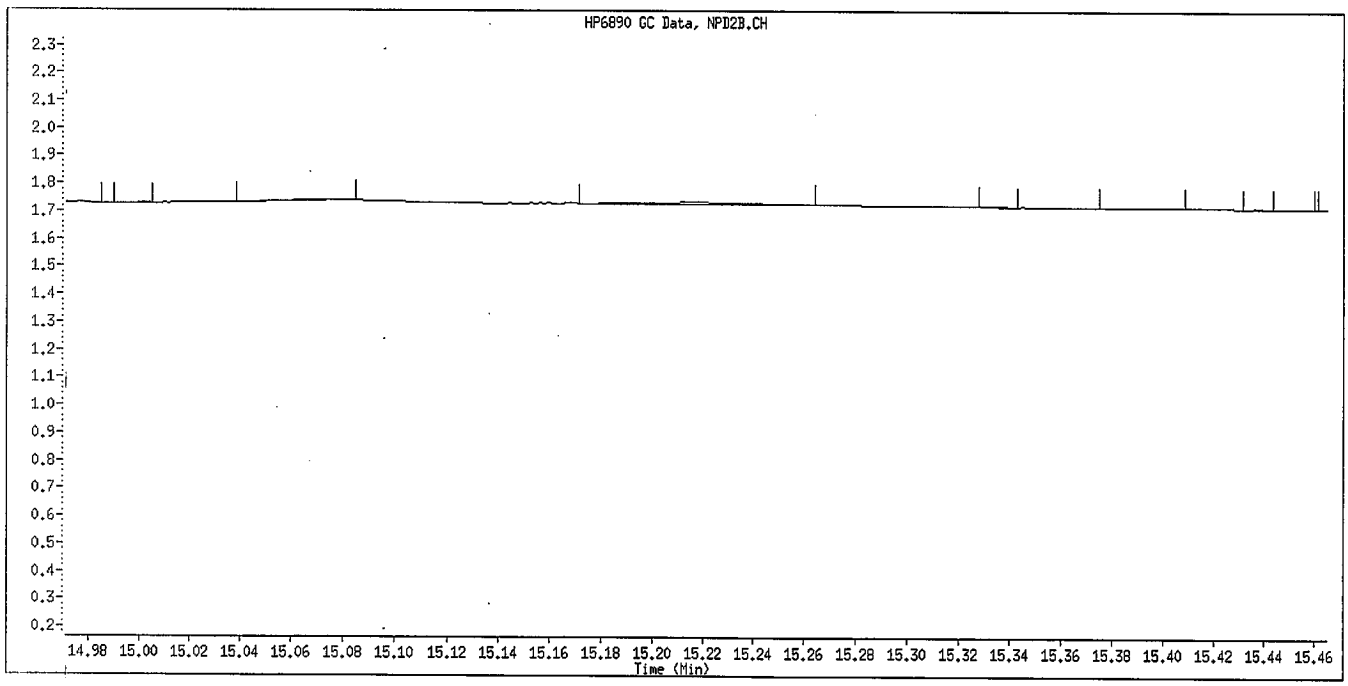
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\008F0801.D
Date : 26-JUN-2009 20:45
Client ID: OPP L2 GSV0640
Sample Info: OPP L2 GSV0640
Column phase: RTx-OPPest
Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32
\\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\008F0801.D
Y (x10^5)
Min
-o,o,o-TEPT
-Dichlorvos
-Chlormefos
-Mevinphos
-Demeton-O
-Thionazin
-Ethoprop
-Phorate
-Naled
-Sulfotepp
-Tributylphosphate
-Simazine
-Atrazine
-Diazinon
-Propazine
-Disulfoton
-Demeton-S
-Dimethoate
-Ronnel
-Merphos-A (Merphos)
-Chlorpyrifos
-Fenthion
-Prothiofos
-Anilazine
-Methyl Parathion
-Malathion
-Tokuthion
-Merphos-B (Merphos Oxone)
-Tetrachlorvinphos (stirofos)
-Carbophenothion methyl
-Bolstar
-Carbophenothion
-Triphenyl phosphate
-Fensulfothion
-Phosmet / EPN
-Famphur
-Azinphos-methyl
-Azinphos-ethyl
TOCP
-Coumaphos
Page 4

Data File Name: 008F0801.D
Inj. Date and Time: 26-JUN-2009 20:45
Instrument ID: GC_D2.i
Client ID: OPP L2 GSV0640
Compound Name: Anilazine
CAS #:
Report Date: 06/30/2009



Original Integration

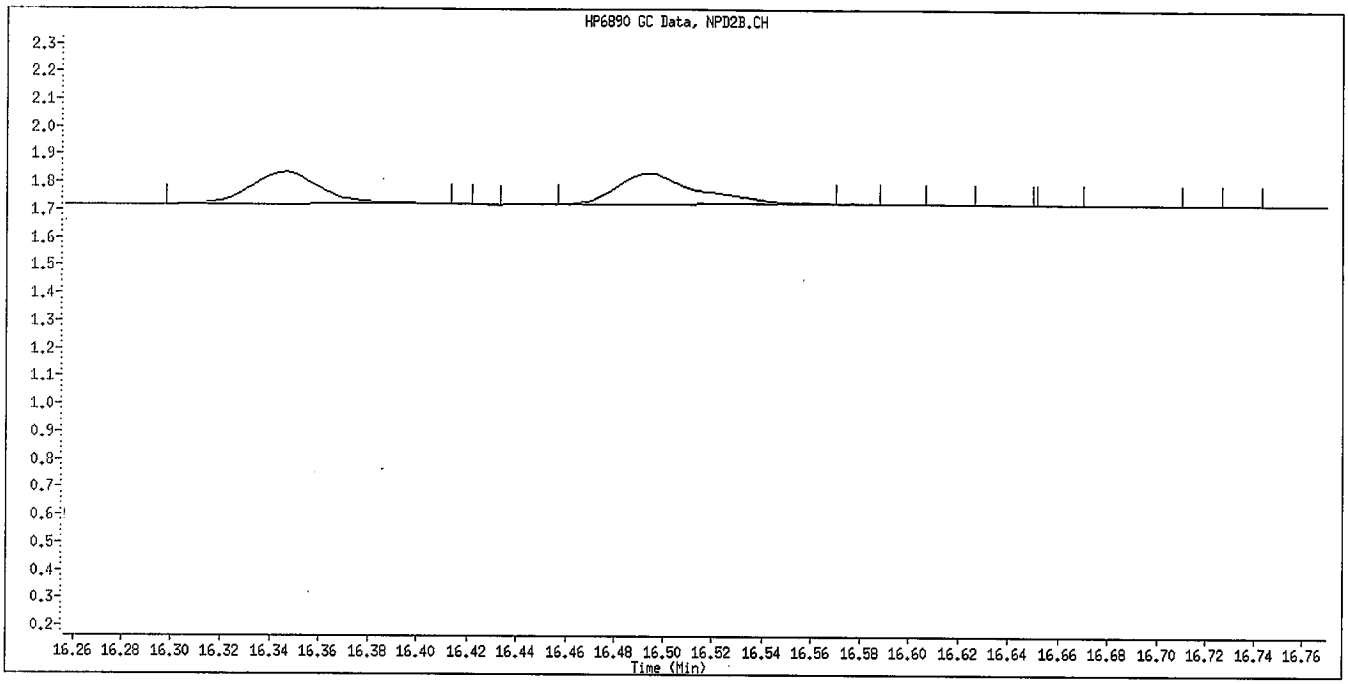


Manual Integration

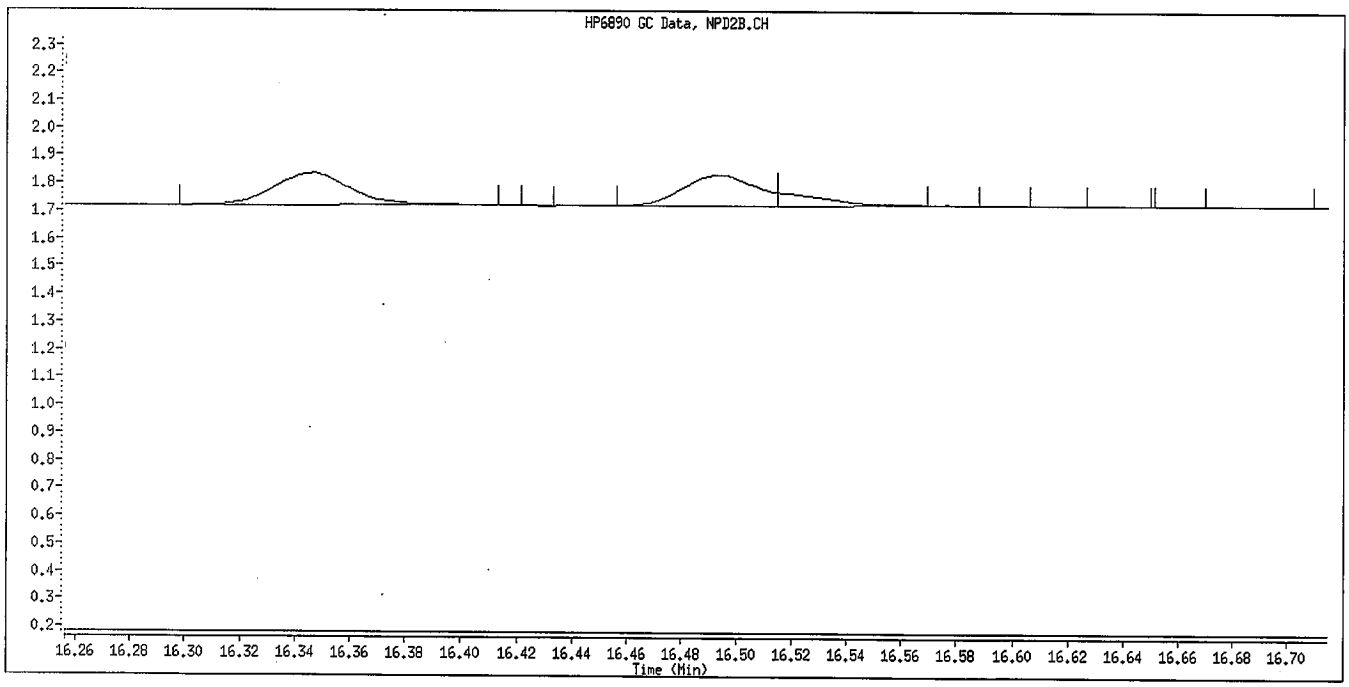
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 008F0801.D
Inj. Date and Time: 26-JUN-2009 20:45
Instrument ID: GC_D2.i
Client ID: OPP L2 GSV0640
Compound Name: Parathion
CAS #:
Report Date: 06/30/2009



Original Integration

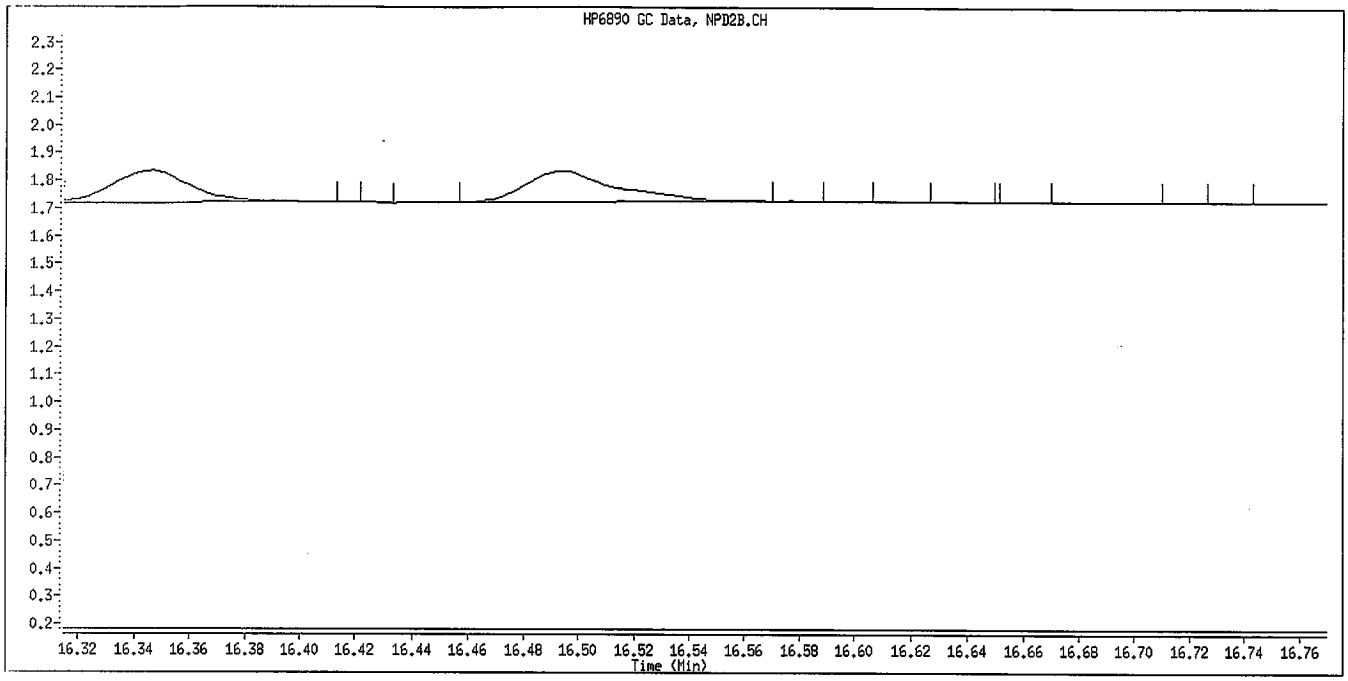


Manual Integration

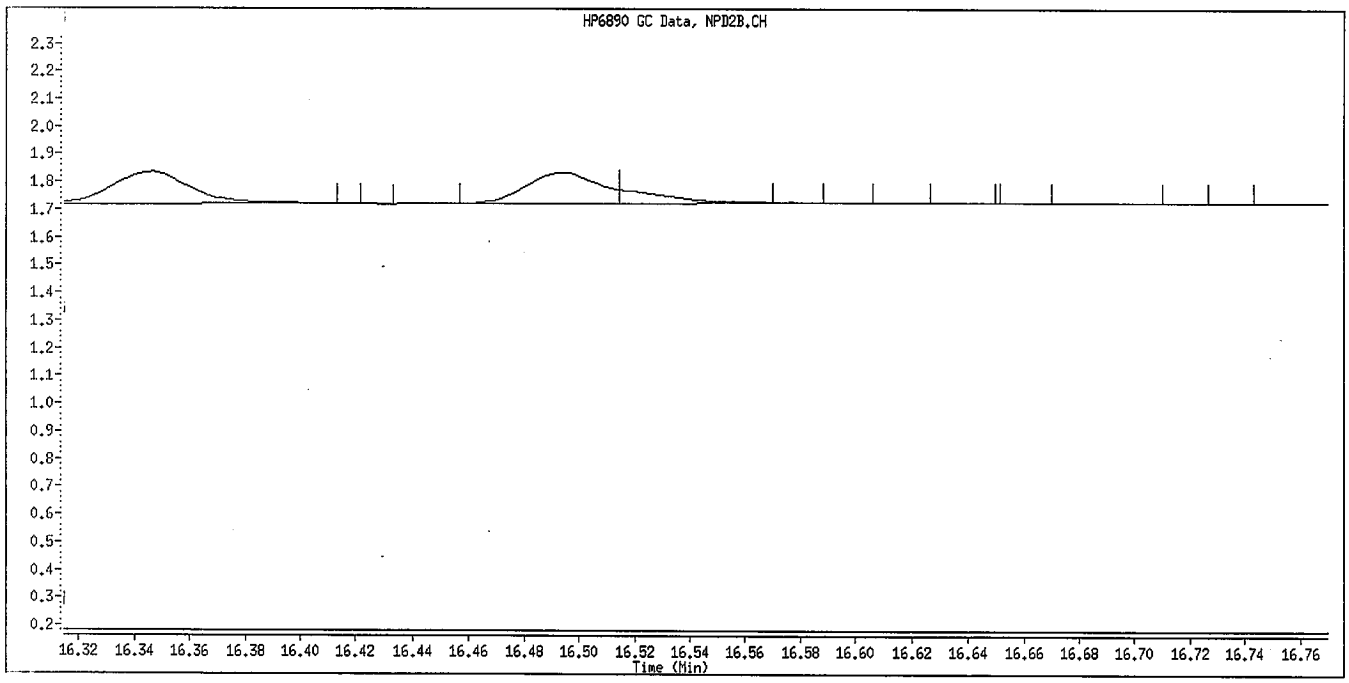
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 008F0801.D
Inj. Date and Time: 26-JUN-2009 20:45
Instrument ID: GC_D2.i
Client ID: OPP L2 GSV0640
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\009F0901.D
Lab Smp Id: OPP L1 GSV0641 Client Smp ID: OPP L1 GSV0641
Inj Date : 26-JUN-2009 21:13
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP L1 GSV0641
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Meth Date : 30-Jun-2009 12:58 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 20:45 Cal File: 008F0801.D
Als bottle: 9 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	1 o,o,o-TEPT	4.731	4.731	(0.251)	21538	0.20000	0.2262
	2 Dichlorvos	6.546	6.546	(0.348)	14456	0.20000	0.1945
$	3 Chlormefos	7.382	7.384	(0.392)	16155	0.20000	0.2159
	4 Mevinphos	9.236	9.234	(0.491)	10624	0.20000	0.2122
	5 Demeton-O	9.737	9.734	(0.518)	2866	0.06500	0.06007
	6 Thionazin	9.986	9.984	(0.531)	15885	0.20000	0.2121
	7 Ethoprop	10.502	10.499	(0.558)	12514	0.20000	0.2237
	8 Phorate	10.537	10.539	(0.560)	13936	0.20000	0.2148
	9 Naled	10.939	10.939	(0.581)	94	0.20000	0.2739
	10 Sulfotepp	11.016	11.017	(0.585)	20595	0.20000	0.2105 (A)
*	11 Tributylphosphate	11.117	11.116	(1.000)	104756	2.00000	
	12 Simazine	11.399	11.399	(0.606)	2680	0.20000	0.1912 (A)
	13 Diazinon	11.541	11.541	(0.613)	12067	0.20000	0.2561
	14 Atrazine	11.581	11.584	(0.615)	5427	0.20000	0.4092 (A)
	15 Propazine	11.746	11.747	(0.624)	4880	0.20000	0.2531
	16 Disulfoton	12.052	12.049	(0.641)	10273	0.20000	0.1991
	17 Demeton-S	12.121	12.124	(0.644)	667	0.13600	0.1293
	18 Dimethoate	13.282	13.282	(0.706)	14242	0.20000	0.2059
	19 Ronnel	13.587	13.587	(0.722)	10994	0.20000	0.2362
	20 Merphos-A (Merphos)	13.689	13.689	(1.231)	7722	0.20000	0.2034 (A)
	21 Chlorpyrifos	14.409	14.409	(0.766)	9439	0.20000	0.1999
	22 Fenthion	14.661	14.662	(0.779)	8896	0.20000	0.2031
	23 Trichloronate	14.709	14.711	(0.782)	6944	0.20000	0.2138
	24 Anilazine	15.217	15.216	(0.809)	1634	0.20000	0.4033 (M)
	25 Methyl Parathion	15.519	15.519	(0.825)	8934	0.20000	0.1890
	26 Malathion	15.724	15.724	(0.836)	9125	0.20000	0.2060
	27 Tokuthion	16.344	16.344	(0.869)	11061	0.20000	0.2133
	28 Parathion	16.494	16.494	(0.877)	9355	0.20000	0.2008 (M)
	29 Merphos-B (Merphos Oxone)	16.512	16.517	(1.485)	3793	0.20000	0.2310 (AM)
	30 Tetrachlorvinphos (stirophos)	16.976	16.977	(0.902)	6332	0.20000	0.2101
	31 Carbophenothion methyl	17.081	17.082	(0.908)	8575	0.20000	0.1985
	32 Bolstar	17.441	17.440	(0.927)	9809	0.20000	0.2156
	33 Carbophenothion	17.522	17.524	(0.931)	8717	0.20000	0.1948 (A)

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	34 Triphenyl phosphate	18.281	18.281	(0.972)	8167	0.20000	0.2224
	35 Fensulfothion	18.559	18.559	(0.986)	6502	0.20000	0.1929
*	36 TOCP	18.816	18.816	(1.000)	73597	2.00000	
	37 Phosmet / EPN	18.909	18.909	(1.005)	19707	0.40000	0.4475
	38 Famphur	19.012	19.011	(1.010)	10711	0.20000	0.2219
	39 Azinphos-methyl	19.149	19.147	(1.018)	9243	0.20000	0.2093
	40 Azinphos-ethyl	19.367	19.366	(1.029)	8391	0.20000	0.1995
	41 Coumaphos	20.349	20.347	(1.081)	5809	0.20000	0.1796
S	42 Merphos				11515	0.20000	0.1877
M	43 Total Demeton				3533	0.20000	0.1894

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

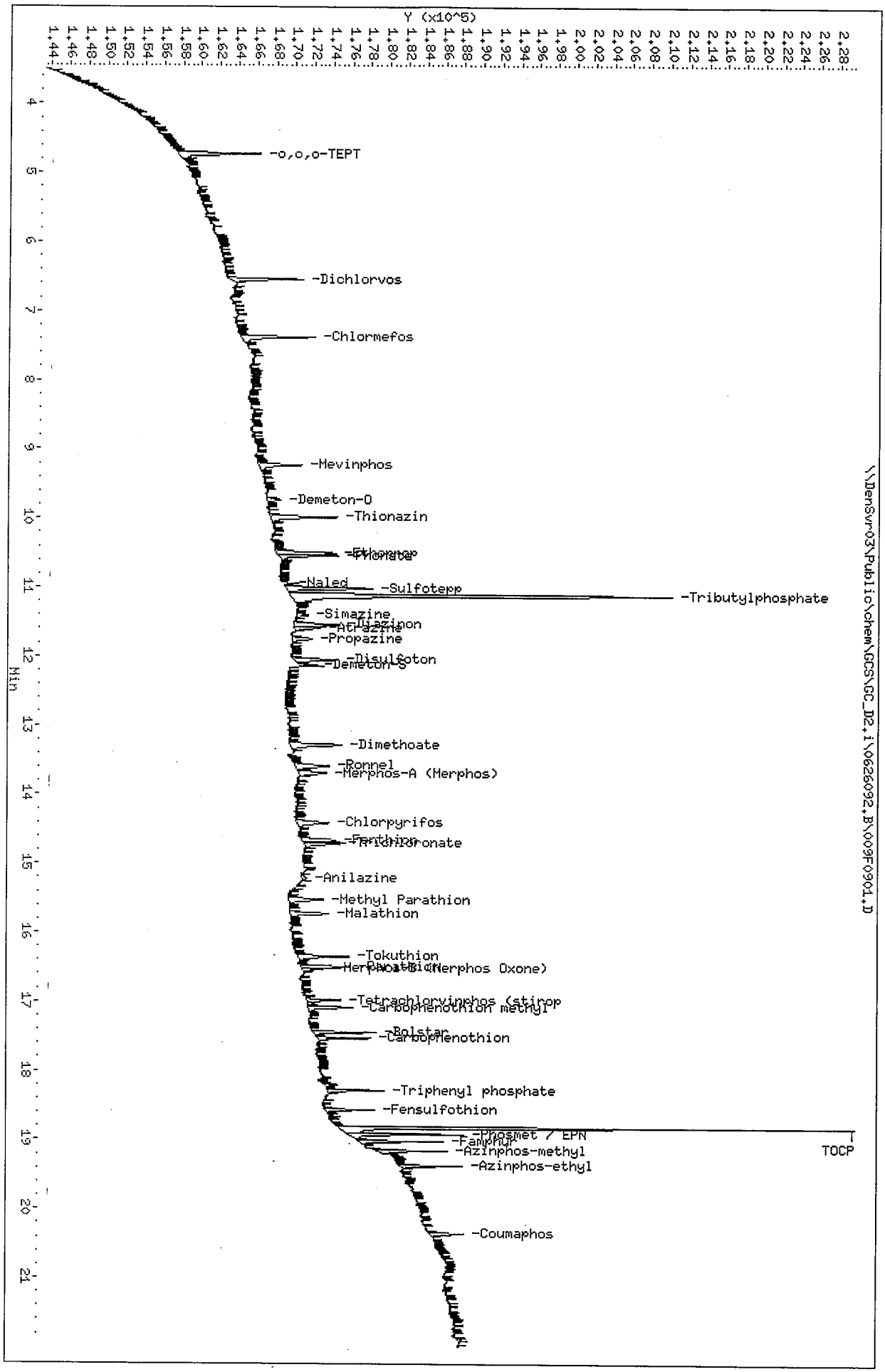
Instrument ID: GC_D2.i
Lab File ID: 009F0901.D
Lab Smp Id: OPP L1 GSV0641
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Misc Info:

Calibration Date: 26-JUN-2009
Calibration Time: 19:50
Client Smp ID: OPP L1 GSV0641
Level:
Sample Type:

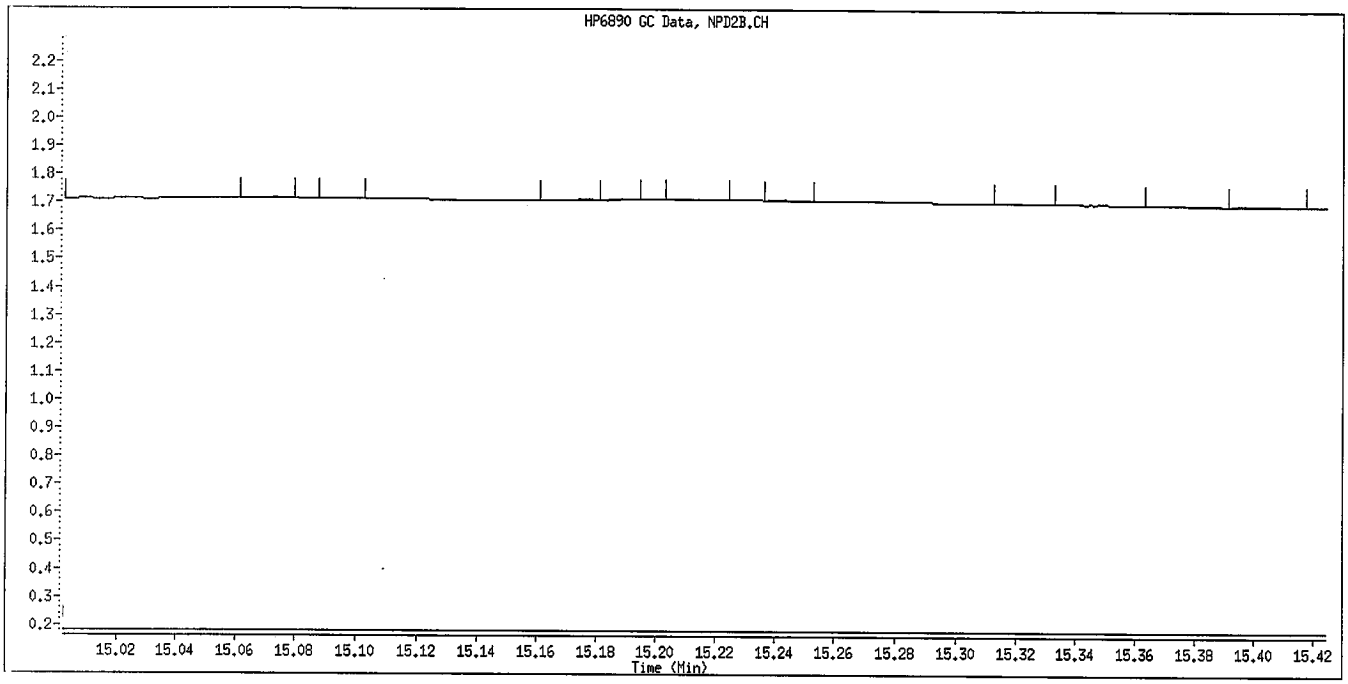
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	126959	63480	253918	104756	-17.49
36 TOCP	68161	34081	136322	73597	7.98

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.12	0.02
36 TOCP	18.82	18.32	19.32	18.82	0.00

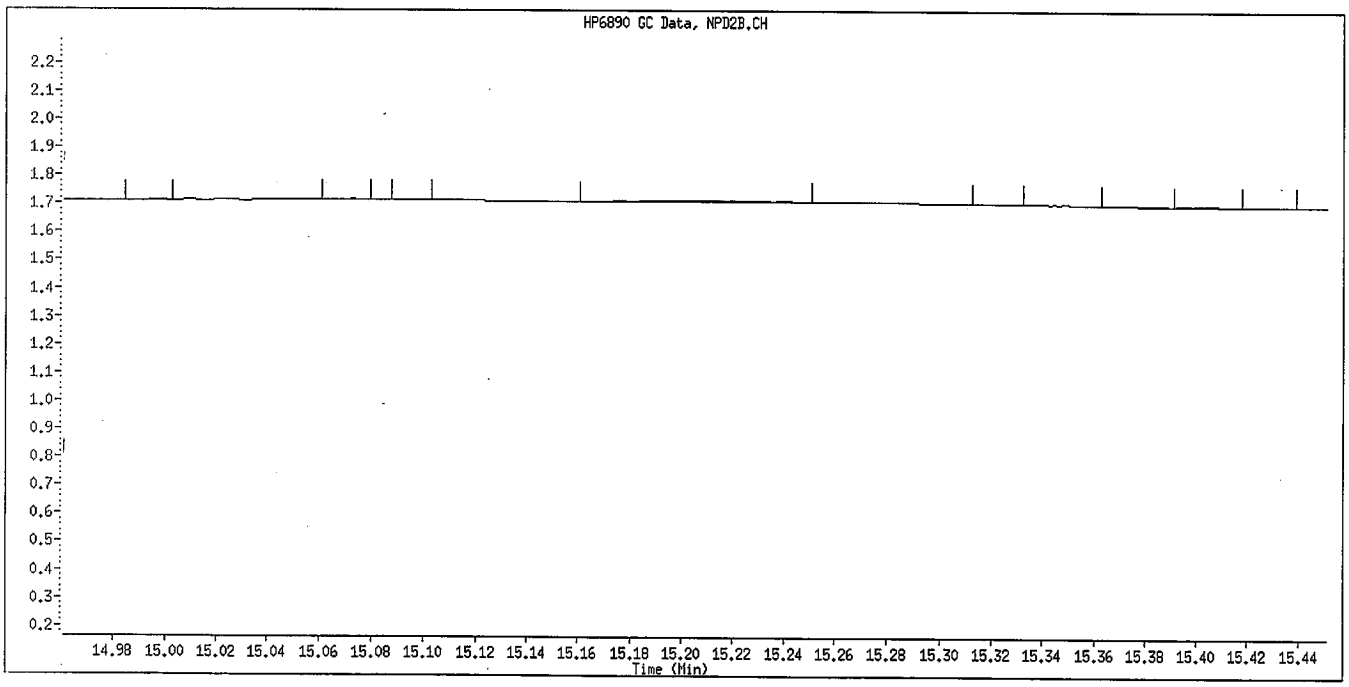
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\DenSvr03\Public\chem\GCS\GC_D2,i\0626092,B\009F0901.D
Date : 26-JUN-2009 21:13
Client ID: OPP L1 GSV0641
Sample Info: OPP L1 GSV0641
Column phase: RTx-OPPest
Instrument: GC_D2,i
Operator: MPK/TLW
Column diameter: 0.32
\\DenSvr03\Public\chem\GCS\GC_D2,i\0626092,B\009F0901.D
Y (x10^5)
Min
-o,o,o-TEPT
-Dichlorvos
-Chlormefos
-Mevinphos
-Demeton-O
-Thionazin
-Naled
-Sulfotepp
-Tributylphosphate
-Simazine
-Propazine
-Dimethoate
-Ronnel
-Merphos-A (Merphos)
-Chlorpyrifos
-Anilazine
-Methyl Parathion
-Malathion
-Tokuthion
-Tetrachlorvinphos (stirop
-Carbophenothion methyl
-Carbophenothion
-Triphenyl phosphate
-Fensulfothion
-Phosmet / EPN
-Azinphos-methyl
-Azinphos-ethyl
-Coumaphos
TOCP

Data File Name: 009F0901.D
Inj. Date and Time: 26-JUN-2009 21:13
Instrument ID: GC_D2.i
Client ID: OPP L1 GSV0641
Compound Name: Anilazine
CAS #:
Report Date: 06/30/2009



Original Integration

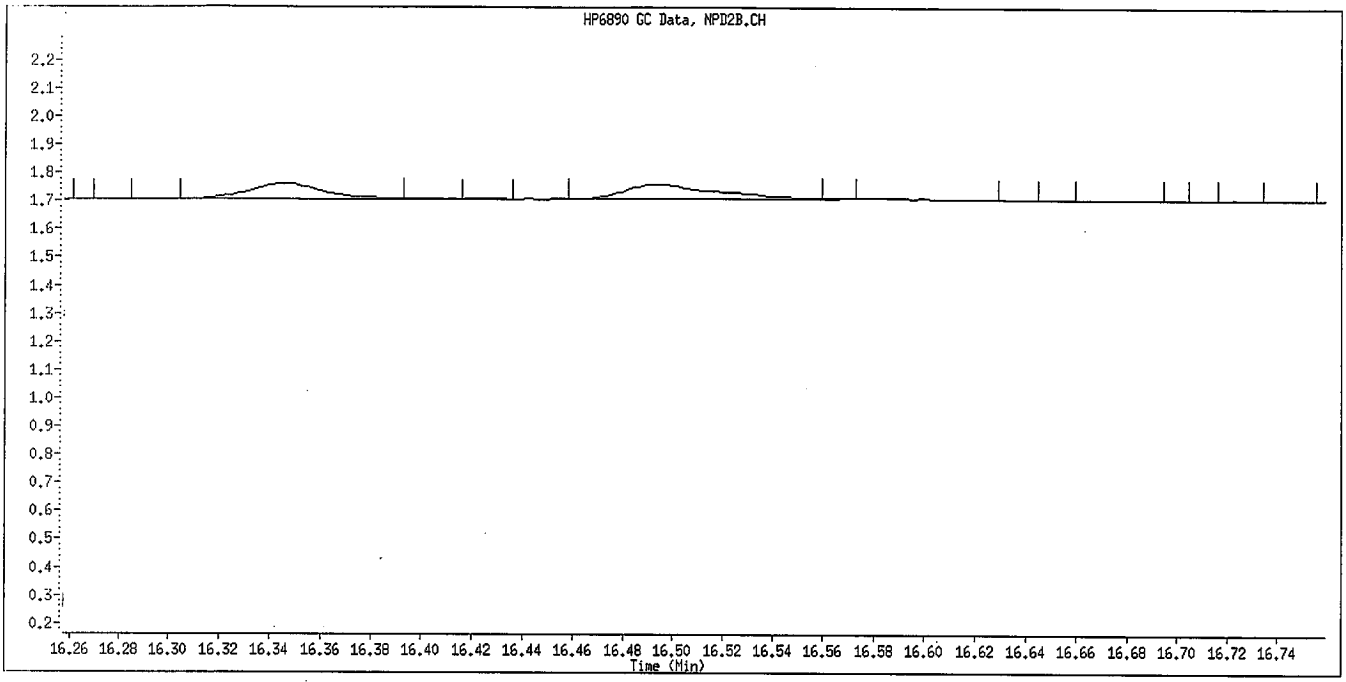


Manual Integration

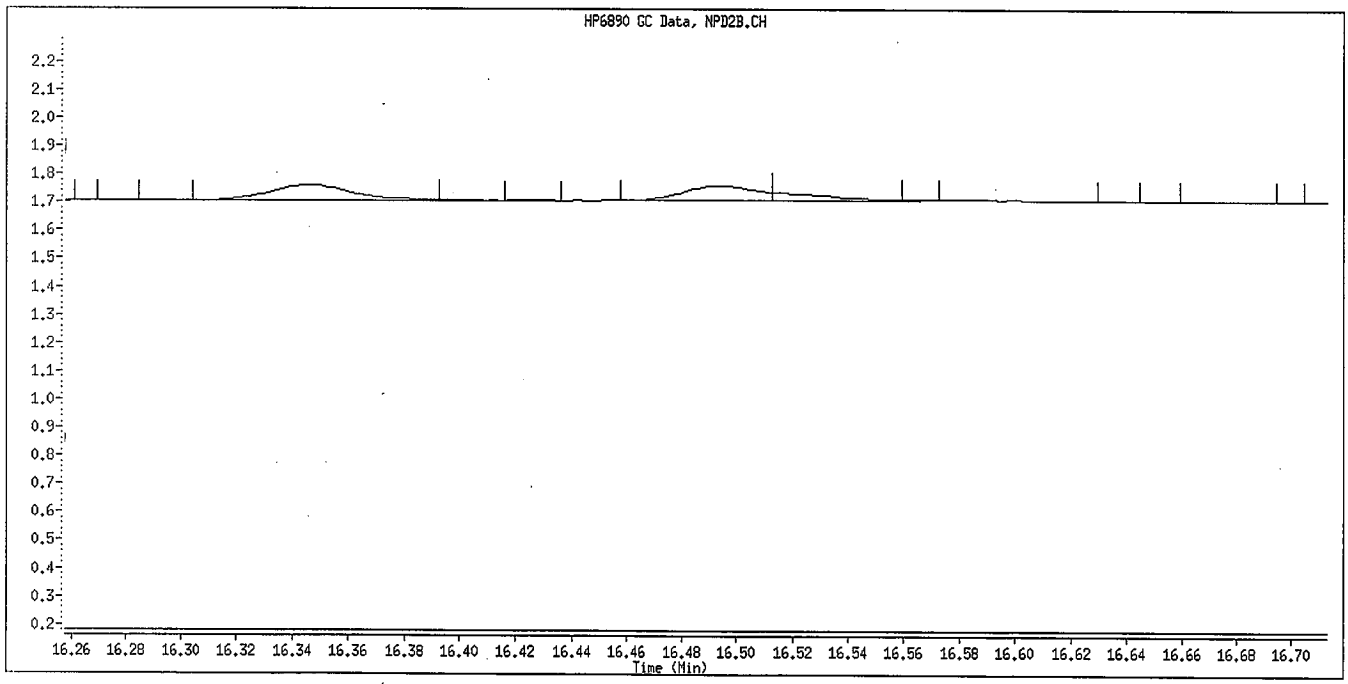
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 009F0901.D
Inj. Date and Time: 26-JUN-2009 21:13
Instrument ID: GC_D2.i
Client ID: OPP L1 GSV0641
Compound Name: Parathion
CAS #:
Report Date: 06/30/2009



Original Integration

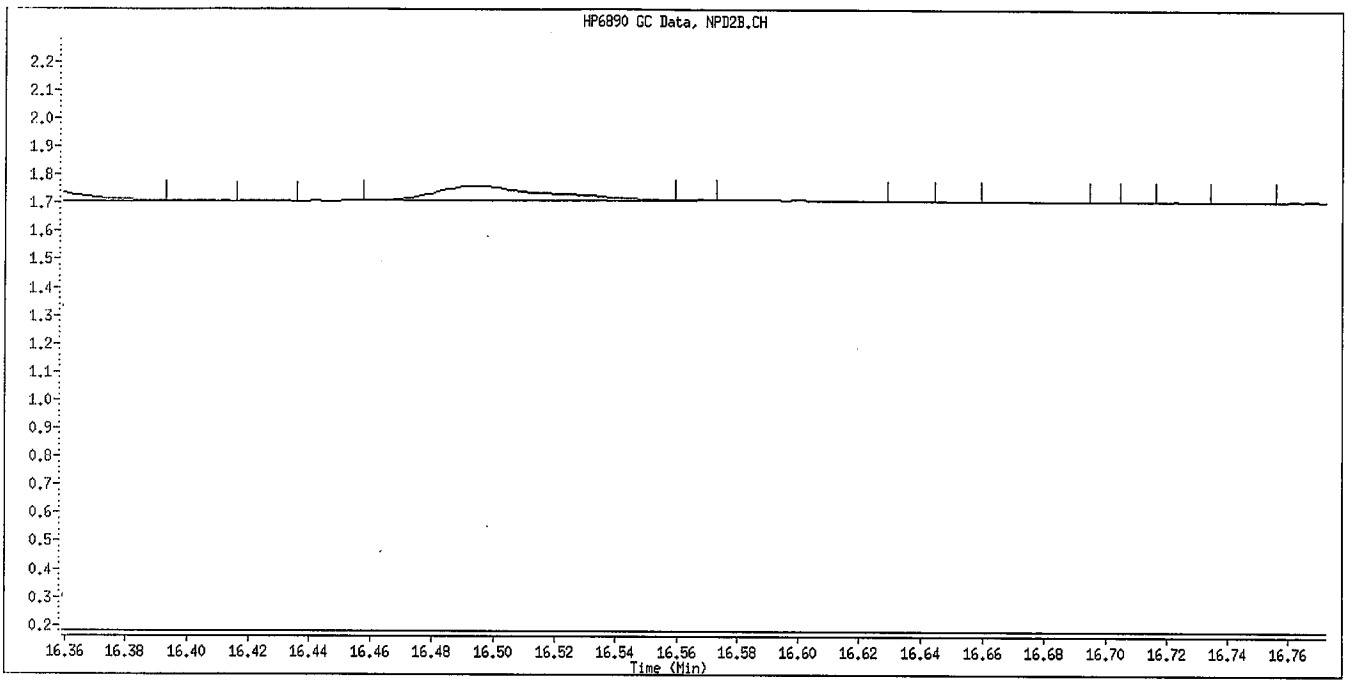


Manual Integration

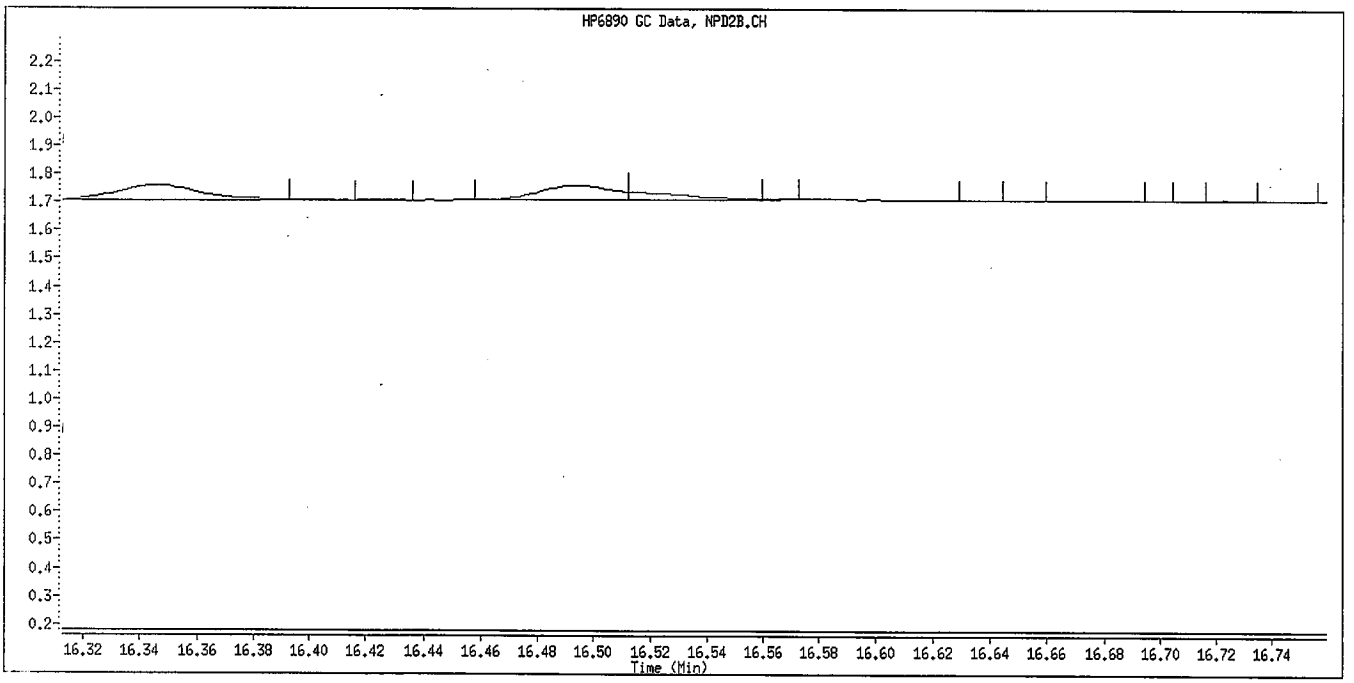
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 009F0901.D
Inj. Date and Time: 26-JUN-2009 21:13
Instrument ID: GC_D2.i
Client ID: OPP L1 GSV0641
Compound Name: Merphos-B (Merphos Oxone)
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

JG 6/30/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\010F1001.D
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Inj Date : 26-JUN-2009 21:40
Operator : MPK/TLW Inst ID: GC_D2.i
Smp Info : OPP SS GSV0633
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Meth Date : 30-Jun-2009 13:09 GC_D2.i Quant Type: ISTD
Cal Date : 26-JUN-2009 21:13 Cal File: 009F0901.D
Als bottle: 10 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8141A.sub
Target Version: 4.14
Processing Host: DENPC075

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
1	o,o,o-TEPT	4.728	4.731	(0.251)	178670	2.00000	2.007
2	Dichlorvos	6.545	6.546	(0.348)	123097	2.00000	1.771
$ 3	Chlormefos	7.383	7.384	(0.392)	118669	2.00000	1.696
4	Mevinphos	9.232	9.234	(0.491)	85996	2.00000	1.836
5	Demeton-O	9.733	9.734	(0.517)	91352	0.65000	2.047
6	Thionazin	9.983	9.984	(0.531)	131360	2.00000	1.876
7	Ethoprop	10.498	10.499	(0.558)	99220	2.00000	1.896
8	Phorate	10.537	10.539	(0.560)	118380	2.00000	1.951
9	Naled	10.938	10.939	(0.581)	13173	2.00000	1.049
10	Sulfotepp	11.017	11.017	(0.586)	156890	2.00000	1.714(A)
* 11	Tributylphosphate	11.115	11.116	(1.000)	123933	2.00000	
12	Simazine	11.398	11.399	(0.606)	47205	2.00000	3.601(A)
13	Diazinon	11.540	11.541	(0.613)	101968	2.00000	2.080
14	Atrazine	11.580	11.584	(0.615)	49851	2.00000	1.969(A)
15	Propazine	11.745	11.747	(0.624)	42529	2.00000	1.874
16	Disulfoton	12.048	12.049	(0.640)	81906	2.00000	1.697(M)
17	Demeton-S	12.120	12.124	(0.644)	4990	1.36000	0.2011(M)
18	Dimethoate	13.280	13.282	(0.706)	120970	2.00000	1.870
19	Ronnel	13.587	13.587	(0.722)	87569	2.00000	2.011
20	Merphos-A (Merphos)	13.687	13.689	(1.231)	24019	2.00000	0.5348(A)
21	Chlorpyrifos	14.410	14.409	(0.766)	93110	2.00000	2.108
22	Fenthion	14.660	14.662	(0.779)	84515	2.00000	2.063
23	Trichloronate	14.708	14.711	(0.782)	105095	2.00000	1.862
24	Anilazine	15.215	15.216	(0.809)	4699	2.00000	1.242(M)
25	Methyl Parathion	15.517	15.519	(0.825)	89448	2.00000	2.023(A)
26	Malathion	15.723	15.724	(0.836)	63638	2.00000	1.536
27	Tokuthion	16.345	16.344	(0.869)	91793	2.00000	1.892
28	Parathion	16.493	16.494	(0.877)	92973	2.00000	2.134
29	Merphos-B (Merphos Oxone)	16.518	16.517	(1.486)	68602	2.00000	5.008(A)
30	Tetrachlorvinphos (stirophos)	16.975	16.977	(0.902)	58667	2.00000	2.081
31	Carbophenothion methyl	17.080	17.082	(0.908)	50362	2.00000	1.246
32	Bolstar	17.440	17.440	(0.927)	88423	2.00000	2.078
33	Carbophenothion	17.522	17.524	(0.931)	73217	2.00000	1.750(A)

		Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	34	Triphenyl phosphate	18.278	18.281	(0.971)	59320	2.00000	1.727
	35	Fensulfothion	18.558	18.559	(0.986)	65657	2.00000	2.082
*	36	TOCP	18.815	18.816	(1.000)	68831	2.00000	
	37	Phosmet / EPN	18.908	18.909	(1.005)	122970	4.00000	3.469
	38	Famphur	19.010	19.011	(1.010)	79361	2.00000	1.758
	39	Azinphos-methyl	19.145	19.147	(1.018)	74782	2.00000	1.811
	40	Azinphos-ethyl	19.363	19.366	(1.029)	70726	2.00000	1.798
	41	Coumaphos	20.347	20.347	(1.081)	59237	2.00000	1.959
S	42	Merphos				92621	2.00000	1.615
M	43	Total Demeton				96342	2.00000	2.248

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

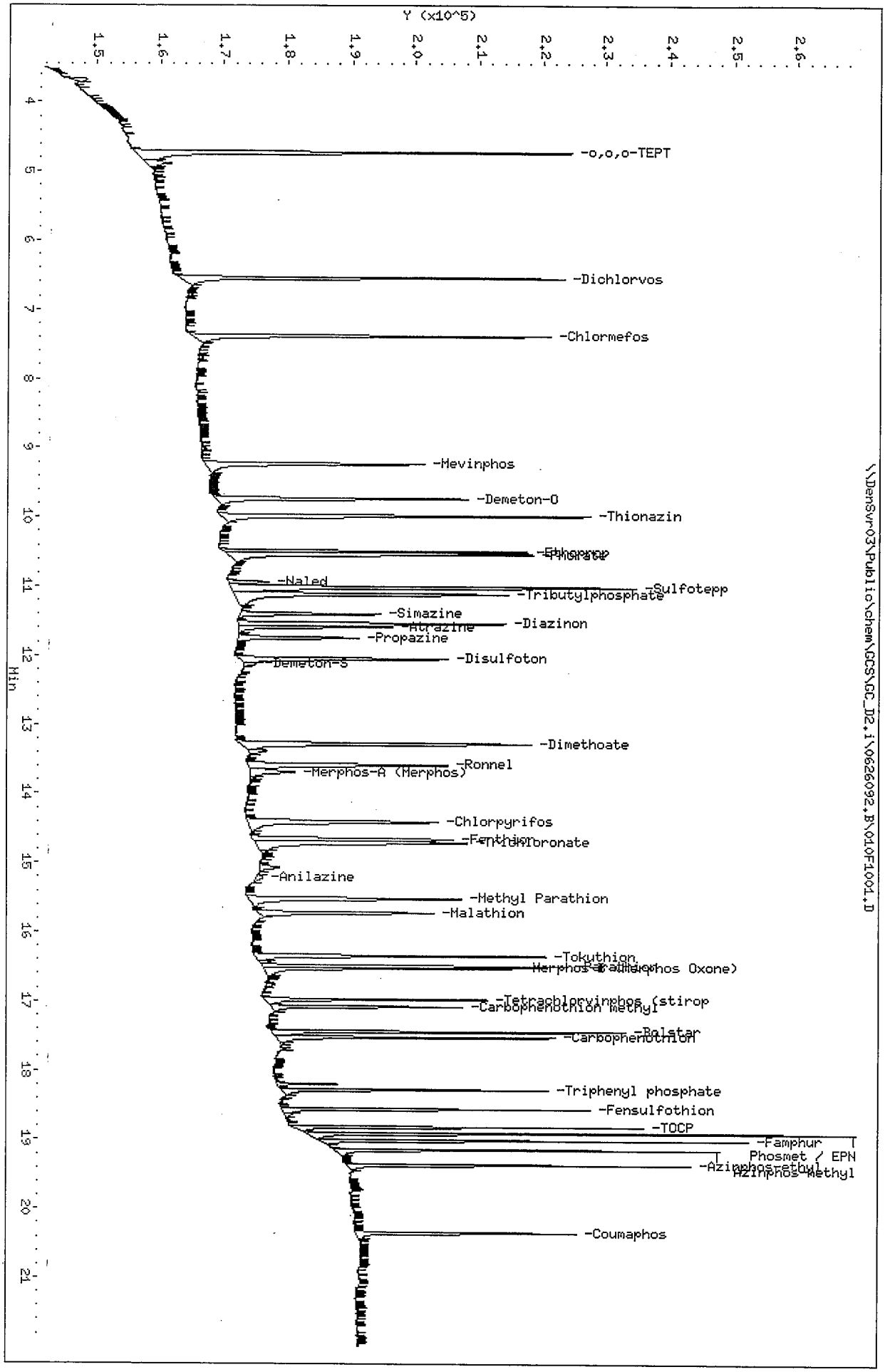
Instrument ID: GC_D2.i
Lab File ID: 010F1001.D
Lab Smp Id: OPP SS GSV0633
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\8141A-2.m
Misc Info:

Calibration Date: 27-JUN-2009
Calibration Time: 04:04
Client Smp ID: OPP SS GSV0633
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	143401	71701	286802	123933	-13.58
36 TOCP	69335	34668	138670	68831	-0.73

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 Tributylphosphate	11.12	10.62	11.62	11.12	-0.05
36 TOCP	18.82	18.32	19.32	18.82	-0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

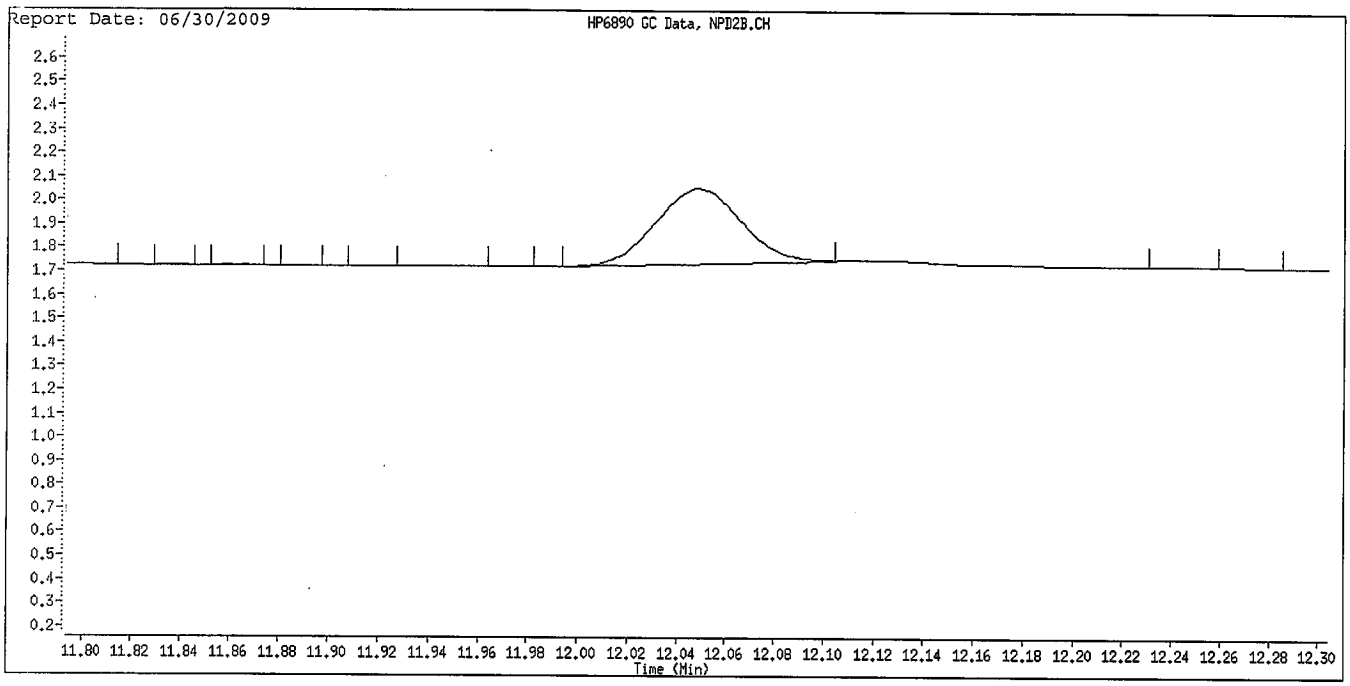


Data File: \\DenSvr03\Public\chem\GCS\GC_D2.i\0626092.B\010F1001.D
Date : 26-JUN-2009 21:40
Client ID: OPP SS GSV0633
Sample Info: OPP SS GSV0633
Column phase: RTx-OPPest

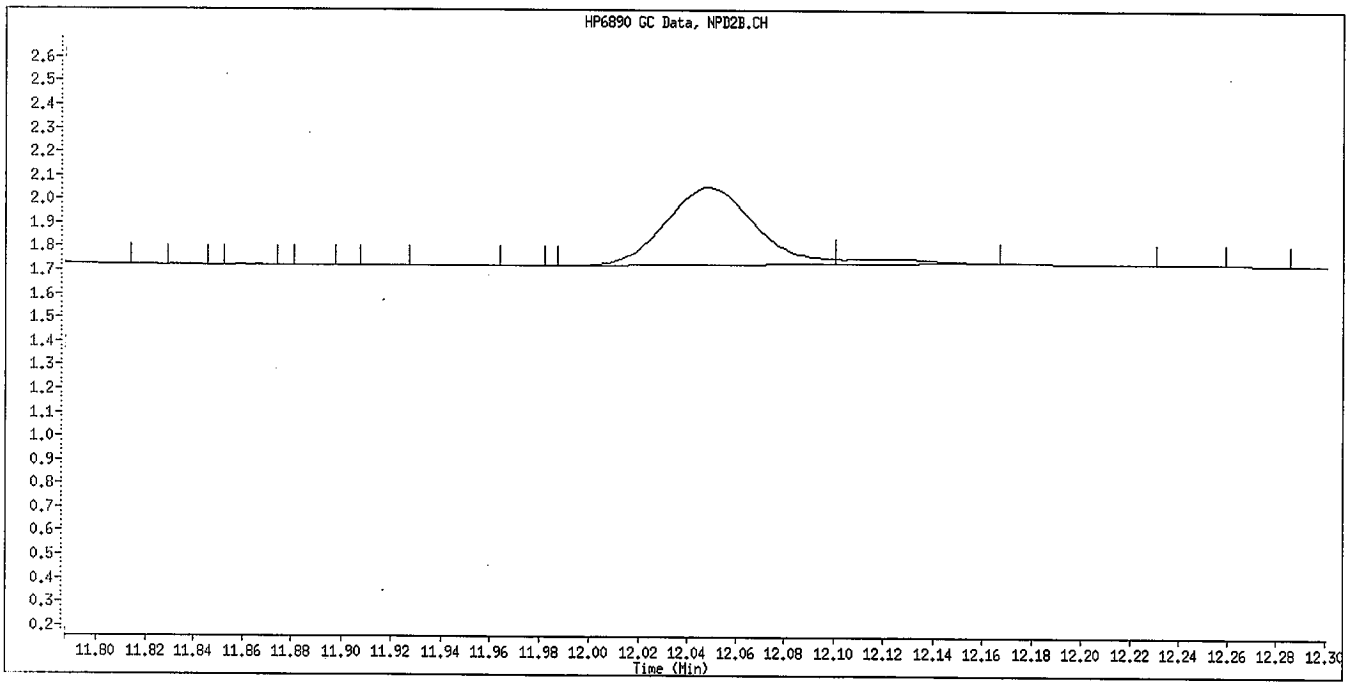
Instrument: GC_D2.i
Operator: MPK/TLW
Column diameter: 0.32

Data File Name: 010F1001.D
Inj. Date and Time: 26-JUN-2009 21:40
Instrument ID: GC_D2.i
Client ID: OPP SS GSV0633
Compound Name: Disulfoton
CAS #: 298-04-4

Report Date: 06/30/2009



Original Integration

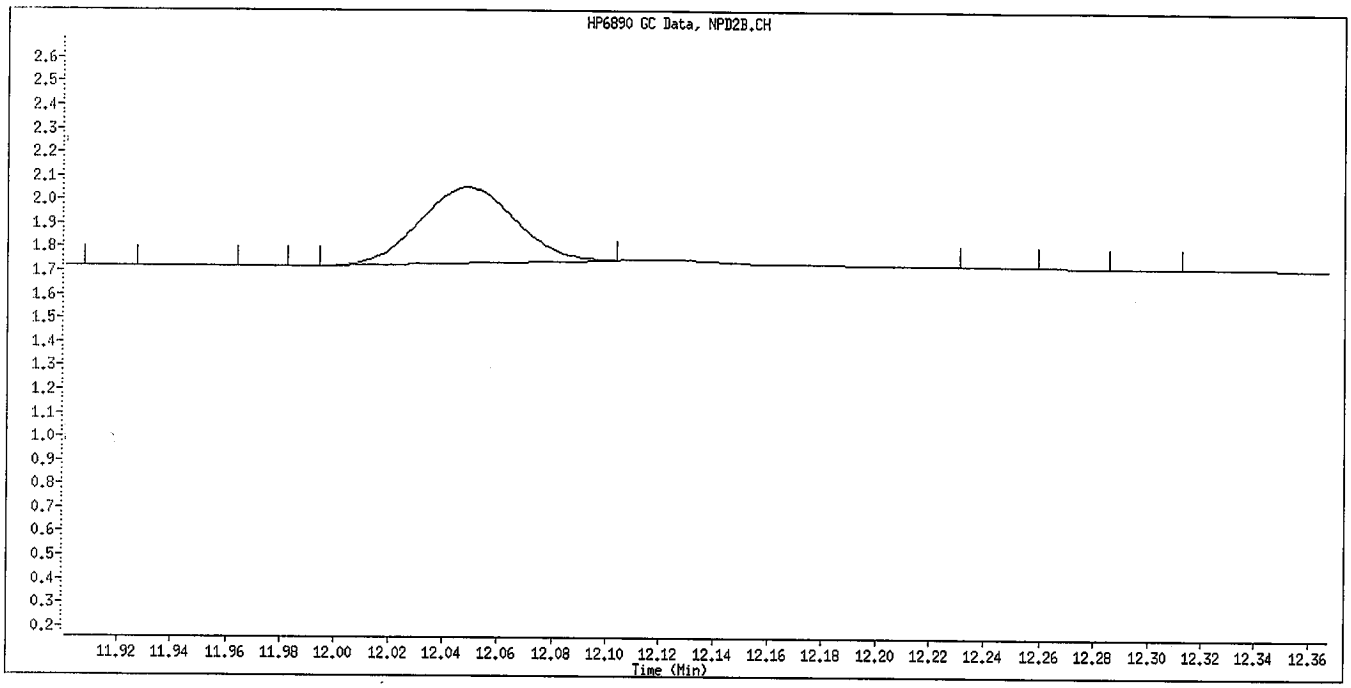


Manual Integration

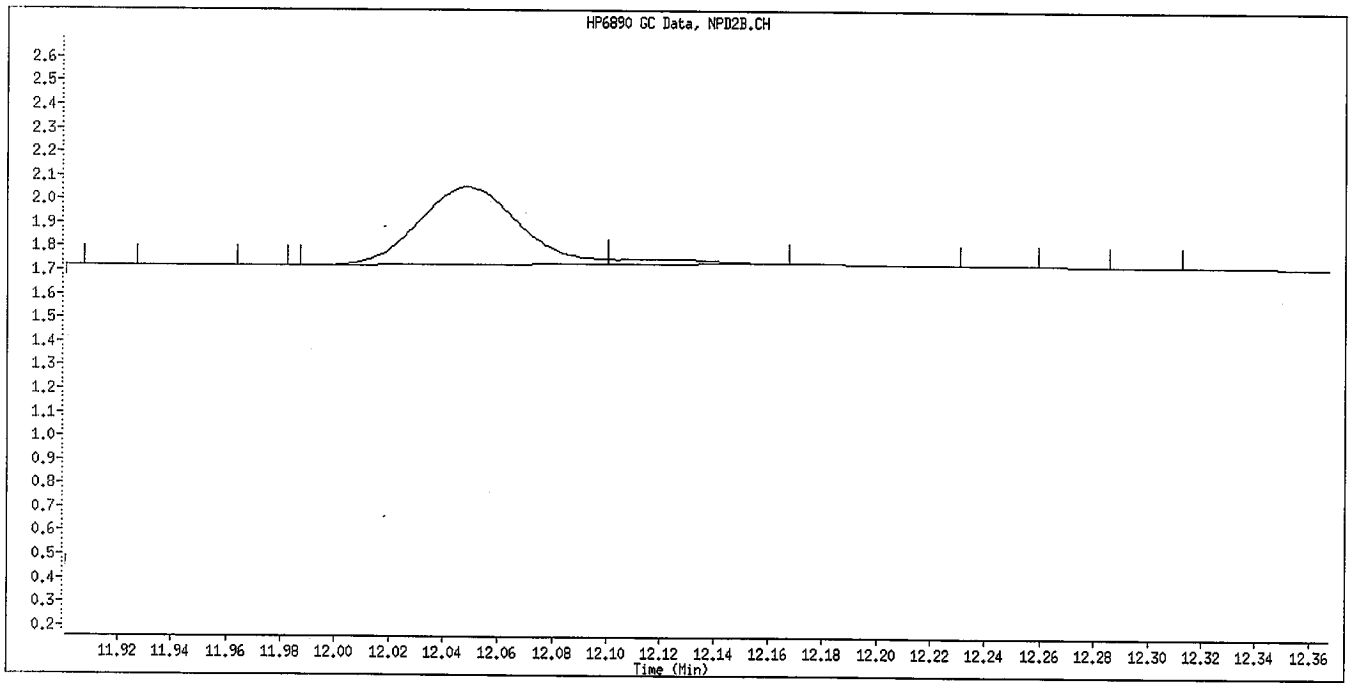
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/07

Data File Name: 010F1001.D
Inj. Date and Time: 26-JUN-2009 21:40
Instrument ID: GC_D2.i
Client ID: OPP SS GSV0633
Compound Name: Demeton-S
CAS #: 126-75-0
Report Date: 06/30/2009



Original Integration

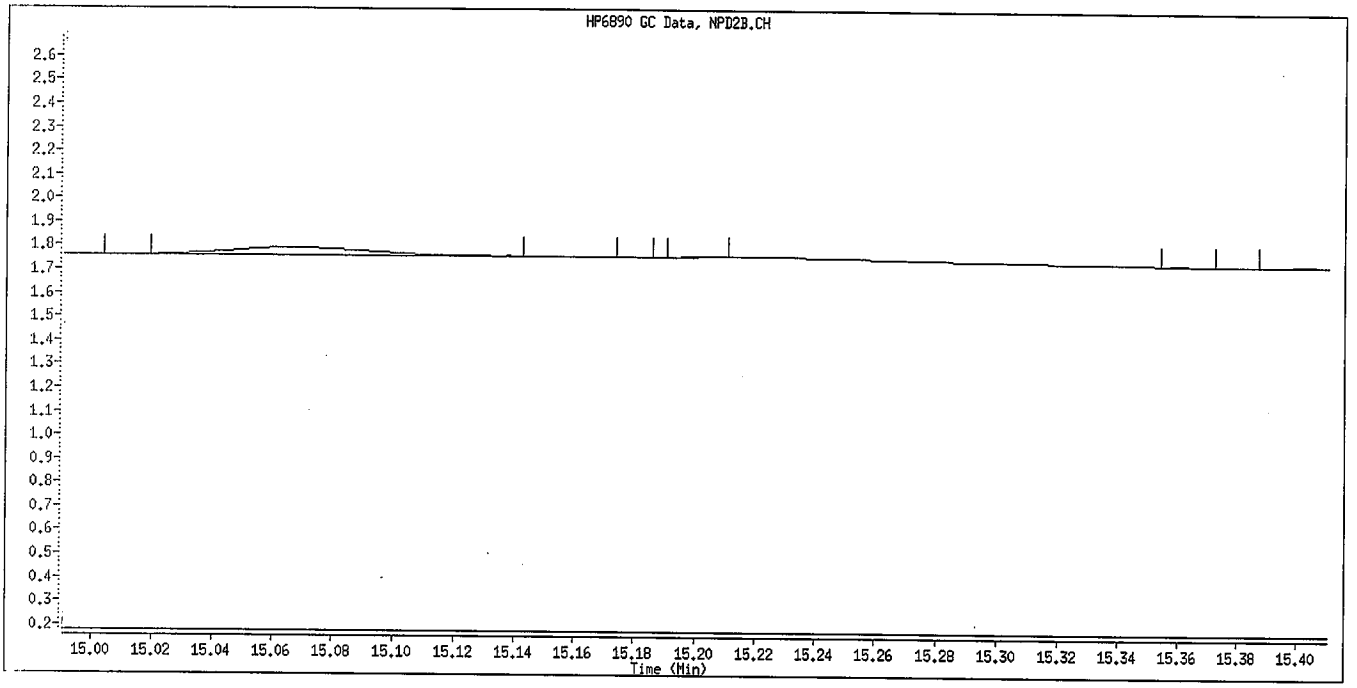


Manual Integration

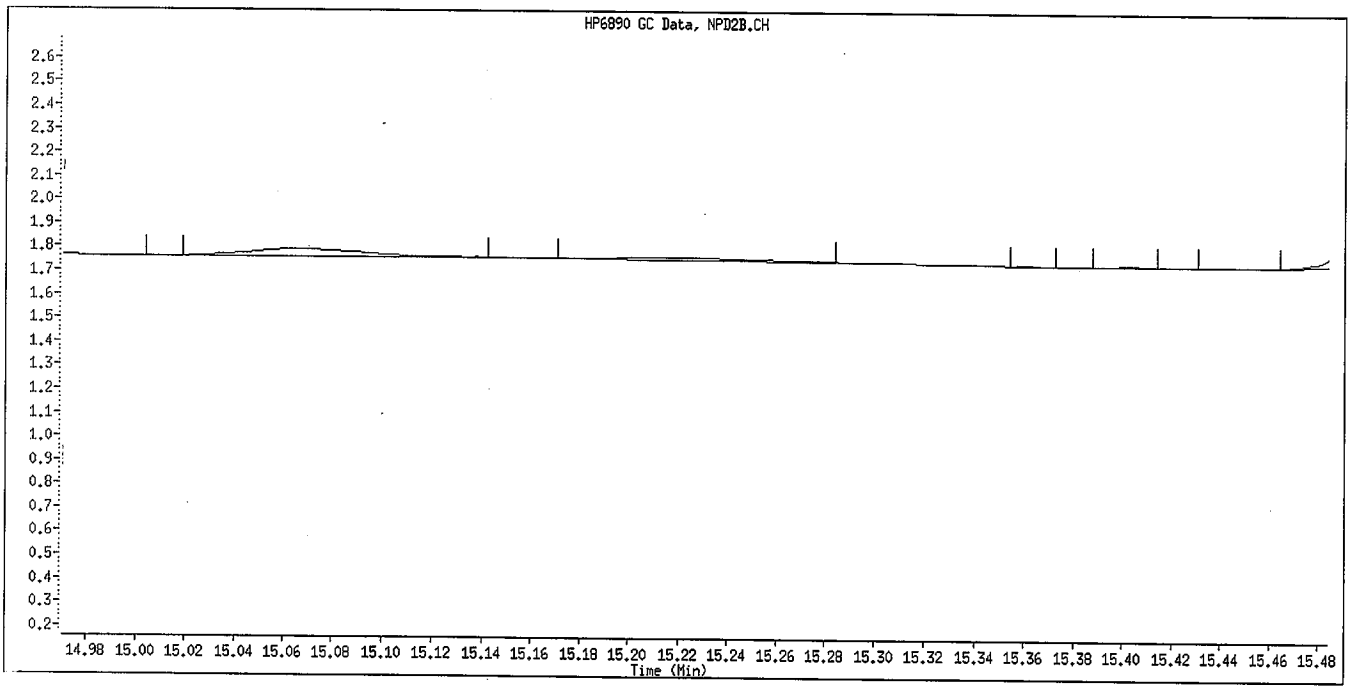
Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09

Data File Name: 010F1001.D
Inj. Date and Time: 26-JUN-2009 21:40
Instrument ID: GC_D2.i
Client ID: OPP SS GSV0633
Compound Name: Anilazine
CAS #:
Report Date: 06/30/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

6/30/09