SDG # 8304620

Close Report

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

Tronox LLC, Henderson

SDG: 8304620
Lot #s: D9G300332, D9G310185 and D9G310187

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August 20, 2009

Case Narrative
SDG 8304620

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
Two samples were received under chain of custody at a temperature of 5.0°C on July 30, 2009, and was logged under lot D9G300332. One sample was received under chain of custody at temperatures of 2.4°C and 3.8°C on July 31, 2009, and was logged under lot D9G310185. Two samples were received under chain of custody at temperatures of 2.4°C and 3.8°C on July 31, 2009, and were logged under lot D9G310187. These lots are reported here under SDG 8304620.

GC Semivolatiles / Organophosphorus Pesticides – SW846 Method 8141A
The method required MS/MSD could not be performed for QC batch 9215363 due to insufficient sample volume; however, method precision and accuracy were demonstrated with acceptable LCS/LCSD data.

The method required MS/MSD was performed for QC batch 9215329 using sample D9G300332-001 (RSAU4-20), and all results were in control.

The Continuing Calibration Verification (CCV) standard(s) associated with the samples in QC batches 9215329 and 9215363 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 9212115 were performed using a sample from another client 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

8304620 : D9G300332

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
RSAU4-20 07/29/09 08:14 001				
Percent Moisture	6.8	0.10	%	SW846 3550C Moist
RSAU4-50 07/29/09 10:15 002				
Percent Moisture	22	0.10	%	SW846 3550C Moist

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EXECUTIVE SUMMARY - Detection Highlights

D9G310185

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
NO DETECTABLE PARAMETERS				

EXECUTIVE SUMMARY - Detection Highlights

8304620 : D9G310187

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SA73-0.5B 07/29/09 08:44 001				
Percent Moisture	7.8	0.10	%	SW846 3550C Moist
SA73-30B 07/29/09 10:18 002				
Percent Moisture	19	0.10	%	SW846 3550C Moist

METHODS SUMMARY

8304620

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

8304620

ANALYTICAL METHOD	ANALYST	ANALYST ID
SW846 3550C Moisture	Richard Clinkscales	005096
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

8304620 : D9G300332

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
LHA07	001	RSAU4-20	07/29/09	08:14
LHA08	002	RSAU4-50	07/29/09	10:15

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.

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SAMPLE SUMMARY

8304620 : D9G310185

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
LHCX5	001	FB072909-SO	07/29/09	14:25

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

8304620 : D9G310187

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
LHC04	001	SA73-0.5B	07/29/09	08:44
LHC1K	002	SA73-30B	07/29/09	10:18

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

D9G300332

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	SO	SW846 3550C Moist		9212115	9218110
	SO	SW846 8141A		9215329	9215200
002	SO	SW846 3550C Moist		9212115	9218110
	SO	SW846 8141A		9215329	9215200

QC DATA ASSOCIATION SUMMARY

D9G310185

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WQ	SW846 8141A		9215363	

QC DATA ASSOCIATION SUMMARY

D9G310187

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	SO	SW846 3550C Moist		9212115	9218110
	SO	SW846 8141A		9215329	9215200
002	SO	SW846 3550C Moist		9212115	9218110
	SO	SW846 8141A		9215329	9215200

TestAmerica

Semivolatile GC

CLP-Like Forms

Lot ID: D9G300332

Client: Northgate/Tronox

Method: SW846 8141A

Associated Samples: 001and 002

Batch: 9215329

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THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	RSAU4-20
Lot/SDG Number:	8304620	**Lab Sample ID:**	D9G300332-001
Matrix:	SOLID	**Lab WorkOrder:**	LHA071AA
% Moisture:	6.8	**Date/Time Collected:**	07/29/09 08:14
Basis:	Dry	**Date/Time Received:**	07/30/09 09:00
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	08/03/09 17:00
QC Batch ID:	9215329	**Date/Time Analyzed:**	08/09/09 21:50
Sample Aliquot:	29.1 g	**Instrument ID:**	D
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
86-50-0	Azinphos-methyl	3.8	3.8	14	U
35400-43-2	Bolstar	4.6	4.6	14	U
2921-88-2	Chlorpyrifos	6.9	6.9	21	U
56-72-4	Coumaphos	3.0	3.0	14	U
298-03-3	Demeton-O	5.7	5.7	42	U
126-75-0	Demeton-S	5.2	5.2	16	U
333-41-5	Diazinon	7.8	7.8	24	U
62-73-7	Dichlorvos	7.9	7.9	25	U
60-51-5	Dimethoate	7.6	7.6	24	U
298-04-4	Disulfoton	8.3	8.3	52	U
2104-64-5	EPN	4.0	4.0	14	U
13194-48-4	Ethoprop	5.3	5.3	16	U
56-38-2	Ethyl parathion	5.7	5.7	19	U
52-85-7	Famphur	3.5	3.5	14	U
115-90-2	Fensulfothion	8.7	8.7	27	U
55-38-9	Fenthion	9.4	9.4	35	U
121-75-5	Malathion	5.0	5.0	16	U
150-50-5	Merphos	5.5	5.5	32	U
298-00-0	Methyl parathion	6.8	6.8	21	U
7786-34-7	Mevinphos	5.0	5.0	16	U
300-76-5	Naled	24	24	75	U
298-02-2	Phorate	6.1	6.1	21	U
299-84-3	Ronnel	16	16	49	U
3689-24-5	Sulfotepp	6.7	6.7	21	U
961-11-5	Tetrachlorvinphos (Stirophos)	4.7	4.7	16	U

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Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	RSAU4-20
Lot/SDG Number:	8304620	**Lab Sample ID:**	D9G300332-001
Matrix:	SOLID	**Lab WorkOrder:**	LHA071AA
% Moisture:	6.8	**Date/Time Collected:**	07/29/09 08:14
Basis:	Dry	**Date/Time Received:**	07/30/09 09:00
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	08/03/09 17:00
QC Batch ID:	9215329	**Date/Time Analyzed:**	08/09/09 21:50
Sample Aliquot:	29.1 g	**Instrument ID:**	D
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
297-97-2	Thionazin	6.0	6.0	19	U
34643-46-4	Tokuthion	4.2	4.2	21	U
327-98-0	Trichloronate	6.7	6.7	21	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
115-86-6	Triphenyl phosphate	89	47	161	
24934-91-6	Chlormefos	46	42	132	

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Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	RSAU4-50
Lot/SDG Number:	8304620	**Lab Sample ID:**	D9G300332-002
Matrix:	SOLID	**Lab WorkOrder:**	LHA081AA
% Moisture:	22	**Date/Time Collected:**	07/29/09 10:15
Basis:	Dry	**Date/Time Received:**	07/30/09 09:00
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	08/03/09 17:00
QC Batch ID:	9215329	**Date/Time Analyzed:**	08/09/09 23:39
Sample Aliquot:	28.42 g	**Instrument ID:**	D
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
86-50-0	Azinphos-methyl	4.5	4.5	17	U
35400-43-2	Bolstar	5.4	5.4	17	U
2921-88-2	Chlorpyrifos	8.3	8.3	26	U
56-72-4	Coumaphos	3.6	3.6	17	U
298-03-3	Demeton-O	6.8	6.8	50	U
126-75-0	Demeton-S	6.2	6.2	19	U
333-41-5	Diazinon	9.3	9.3	28	U
62-73-7	Dichlorvos	9.5	9.5	29	U
60-51-5	Dimethoate	9.1	9.1	28	U
298-04-4	Disulfoton	9.9	9.9	62	U
2104-64-5	EPN	4.7	4.7	17	U
13194-48-4	Ethoprop	6.3	6.3	19	U
56-38-2	Ethyl parathion	6.8	6.8	23	U
52-85-7	Famphur	4.1	4.1	17	U
115-90-2	Fensulfothion	10	10	32	U
55-38-9	Fenthion	11	11	42	U
121-75-5	Malathion	5.9	5.9	19	U
150-50-5	Merphos	6.6	6.6	38	U
298-00-0	Methyl parathion	8.2	8.2	26	U
7786-34-7	Mevinphos	5.9	5.9	19	U
300-76-5	Naled	29	29	90	U
298-02-2	Phorate	7.3	7.3	26	U
299-84-3	Ronnel	19	19	59	U
3689-24-5	Sulfotepp	8.0	8.0	26	U
961-11-5	Tetrachlorvinphos (Stirophos)	5.6	5.6	19	U

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	RSAU4-50
Lot/SDG Number:	8304620	**Lab Sample ID:**	D9G300332-002
Matrix:	SOLID	**Lab WorkOrder:**	LHA081AA
% Moisture:	22	**Date/Time Collected:**	07/29/09 10:15
Basis:	Dry	**Date/Time Received:**	07/30/09 09:00
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	08/03/09 17:00
QC Batch ID:	9215329	**Date/Time Analyzed:**	08/09/09 23:39
Sample Aliquot:	28.42 g	**Instrument ID:**	D
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
297-97-2	Thionazin	7.1	7.1	23	U
34643-46-4	Tokuthion	5.0	5.0	26	U
327-98-0	Trichloronate	8.0	8.0	26	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
115-86-6	Triphenyl phosphate	89	47	161	
24934-91-6	Chlormefos	42	42	132	

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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:	8304620	**Lab Sample ID:**	D9H030000-329B
Matrix:	SOLID	**Lab WorkOrder:**	LHFXQ1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	08/03/09 17:00
QC Batch ID:	9215329	**Date/Time Analyzed:**	08/09/09 20:37
Sample Aliquot:	29.43 g	**Instrument ID:**	D
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:	8304620	**Lab Sample ID:**	D9H030000-329B
Matrix:	SOLID	**Lab WorkOrder:**	LHFXQ1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	08/03/09 17:00
QC Batch ID:	9215329	**Date/Time Analyzed:**	08/09/09 20:37
Sample Aliquot:	29.43 g	**Instrument ID:**	D
Dilution Factor:	1		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
115-86-6	Triphenyl phosphate	88	47	161	
24934-91-6	Chlormefos	47	42	132	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Surrogate Recovery Summary

Lab Name: TESTAMERICA DENVER **Extraction** A11P29H
Lot/SDG Number: 8304620 **QC Batch ID:** 9215329

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
RSAU4-20	LHA071AA	46	89							0
RSAU4-20 MS	LHA071AD	64	95							0
RSAU4-20 MSD	LHA071AE	63	97							0
RSAU4-50	LHA081AA	42	89							0
SA73-0.5B	LHC041AA	58	100							0
SA73-30B	LHC1K1AA	66	116							0
INTRA-LAB BLANK	LHFXQ1AA	47	88							0
CHECK SAMPLE	LHFXQ1AC	67	87							0

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

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Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	8304620	**Lab Sample ID:**	D9H030000-329C
Matrix:	SOLID	**Lab WorkOrder:**	LHFXQ1AC
% Moisture:	0.0	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	08/03/09 17:00
QC Batch ID:	9215329	**Date/Time Analyzed:**	08/09/09 21:13
Sample Aliquot:	28.57 g	**Instrument ID:**	D
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Dichlorvos	140	124	89		25 - 147
Thionazin	140	107	76		50 - 124
Dimethoate	140	64.9	46		10 - 156
Disulfoton	140	48.0	34		10 - 133
EPN	140	114	81		50 - 150
Ethoprop	140	107	76		51 - 119
Famphur	280	224	80		33 - 144
Fensulfothion	140	139	99		47 - 123
Fenthion	140	100	72		52 - 115
Malathion	140	95.4	68		49 - 124
Merphos	140	103	74		50 - 150
Methyl parathion	140	108	77		51 - 115
Azinphos-methyl	140	116	83		21 - 145
Mevinphos	140	91.3	65		15 - 143
Ethyl parathion	140	107	77		38 - 134
Phorate	140	74.4	53		45 - 115
Ronnel	140	105	75		46 - 115
Sulfotepp	140	89.1	64		41 - 123
Trichloronate	140	94.5	68		50 - 115
Chlorpyrifos	140	103	73		57 - 115
Coumaphos	140	113	81		42 - 129
Diazinon	140	98.3	70		49 - 122

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
115-86-6	Triphenyl phosphate	87	47	161	
24934-91-6	Chlormefos	67	42	132	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	RSAU4-20
Lot/SDG Number:	8304620	**MS Lab Sample ID:**	D9G300332-001S
Matrix:	SOLID	**MS Lab WorkOrder:**	LHA071AD
% Moisture:	6.8	**Date/Time Collected:**	07/29/09 08:14
Basis:	Dry	**Date/Time Received:**	07/30/09 09:00
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	08/03/09 17:00
QC Batch ID:	9215329	**Date/Time Analyzed:**	08/09/09 22:26
MS Sample Aliquot:	29.09 g	**Instrument ID:**	D
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	C	% Rec	Q	QC Limit
Azinphos-methyl	148	3.8	U	142		97		21 - 145
Chlorpyrifos	148	6.9	U	113		76		57 - 115
Coumaphos	148	3.0	U	138		94		42 - 129
Diazinon	148	7.8	U	110		75		49 - 122
Dichlorvos	148	7.9	U	159		108		25 - 147
Dimethoate	148	7.6	U	69.8		47		10 - 156
Disulfoton	148	8.3	U	85.3		58		10 - 133
EPN	148	4.0	U	126		86		50 - 150
Ethoprop	148	5.3	U	121		82		51 - 119
Ethyl parathion	148	5.7	U	122		83		38 - 134
Famphur	295	3.5	U	253		86		33 - 144
Fensulfothion	148	8.7	U	154		99		47 - 123
Fenthion	148	9.4	U	115		78		52 - 115
Malathion	148	5.0	U	107		72		49 - 124
Merphos	148	5.5	U	115		78		50 - 150
Methyl parathion	148	6.8	U	125		85		51 - 115
Mevinphos	148	5.0	U	97.1		66		15 - 143
Phorate	148	6.1	U	84.5		57		45 - 115
Ronnel	148	16	U	121		82		46 - 115
Sulfotepp	148	6.7	U	98.7		67		41 - 123
Thionazin	148	6.0	U	118		80		50 - 124
Trichloronate	148	6.7	U	106		72		50 - 115

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
24934-91-6	Chlormefos	64	42	132	
115-86-6	Triphenyl phosphate	95	47	161	

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Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	RSAU4-20
Lot/SDG Number:	8304620	**MSD Lab Sample ID:**	D9G300332-001D
Matrix:	SOLID	**MSD Lab WorkOrder:**	LHA071AE
% Moisture:	6.8	**Date/Time Collected:**	07/29/09 08:14
Basis:	Dry	**Date/Time Received:**	07/30/09 09:00
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	08/03/09 17:00
QC Batch ID:	9215329	**Date/Time Analyzed:**	08/09/09 23:02
MSD Sample Aliquot:	29.47 g	**Instrument ID:**	D
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	C	% Rec	Q	RPD	Q	QC Limits	
										% Rec	RPD
Azinphos-methyl	146	3.8	U	148		102		3.9		21 - 145	43
Chlorpyrifos	146	6.9	U	105		72		6.9		57 - 115	37
Coumaphos	146	3.0	U	143		98		3.6		42 - 129	27
Diazinon	146	7.8	U	102		70		8.1		49 - 122	40
Dichlorvos	146	7.9	U	154		105		3.7		25 - 147	77
Dimethoate	146	7.6	U	74.7		51		6.9		10 - 156	98
Disulfoton	146	8.3	U	82.2		56		3.8		10 - 133	40
EPN	146	4.0	U	129		89		2.4		50 - 150	50
Ethoprop	146	5.3	U	114		78		6.5		51 - 119	54
Ethyl parathion	146	5.7	U	118		81		3.4		38 - 134	47
Famphur	291	3.5	U	259		89		2.2		33 - 144	31
Fensulfothion	146	8.7	U	156		102		1.4		47 - 123	49
Fenthion	146	9.4	U	113		78		1.4		52 - 115	43
Malathion	146	5.0	U	106		73		0.72		49 - 124	53
Merphos	146	5.5	U	116		80		1.1		50 - 150	50
Methyl parathion	146	6.8	U	117		80		6.8		51 - 115	53
Mevinphos	146	5.0	U	91.8		63		5.6		15 - 143	78
Phorate	146	6.1	U	76.9		53		9.4		45 - 115	40
Ronnel	146	16	U	107		73		13		46 - 115	41
Sulfotepp	146	6.7	U	87.3		60		12		41 - 123	40
Thionazin	146	6.0	U	109		75		8.2		50 - 124	40
Trichloronate	146	6.7	U	96.3		66		9.9		50 - 115	43

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
24934-91-6	Chlormefos	63	42	132	
115-86-6	Triphenyl phosphate	97	47	161	

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Northgate Environmental Management, Inc.

Method Blank Summary

Lab Name:	TESTAMERICA DENVER	**Lab File ID:**	051F5101.
Lot/SDG Number:	8304620	**Lab Sample ID:**	D9H030000-329B
Matrix:	SOLID	**Lab Work Order:**	LHFXQ1AA
Analysis Method:	8141A	**Date/Time Extracted:**	08/03/09 17:00
Extraction Method:	A11P29H	**Date/Time Analyzed:**	08/09/09 20:37
QC Batch ID:	9215329	**Instrument ID:**	D

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
RSAU4-20	LHA071AA	051F5101.	08/09/09	21:50
RSAU4-20 MS	LHA071AD S	052F5201.	08/09/09	22:26
RSAU4-20 MSD	LHA071AE D	053F5301.	08/09/09	23:02
RSAU4-50	LHA081AA	054F5401.	08/09/09	23:39
SA73-0.5B	LHC041AA	055F5501.	08/10/09	00:15
SA73-30B	LHC1K1AA	056F5601.	08/10/09	00:52
CHECK SAMPLE	LHFXQ1AC C	050F5001.	08/09/09	21:13

Report Date : 07-Aug-2009 13:50 Page 1

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Last Edit : 07-Aug-2009 13:45 GC_D.i

Calibration File Names:
Level 1: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\009F0901.D
Level 2: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\008F0801.D
Level 3: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\007F0701.D
Level 4: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\006F0601.D
Level 5: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\005F0501.D
Level 6: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\004F0401.D
Level 7: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.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	182432	420455	908197	1806303	2678940	3532965					
	4488963						QUAD	-0.00185	0.46722	0.02869	0.99856
2 Dichlorvos	0.88775	0.82394	0.83968	0.86756	0.82268	0.85000					
	0.80012						AVRG		0.84168		3.52069
3 Mevinphos	+++++	31592	111446	356823	596188	830977					
	1152906						LINR	0.20087	0.46926		0.99901
5 Thionazin	61338	194202	544011	1140983	1718412	2252008					
	2920220						WLINR	0.03379	1.18951		0.99527

*All weighted linear are $1/x^2$

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Last Edit : 07-Aug-2009 13:45 GC_D.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	30299	63511	157798	301922	460549	581572						
	761277						WLINR	-0.00975	0.92539		0.99395	
7 Ethoprop	42588	199533	491981	1004283	1510941	1955169						
	2505899						WLINR	0.04409	1.07839		0.99207	
8 Naled	9478	41661	162318	361004	602529	777472						
	1127359						QUAD	0.08662	2.45165	-0.13780	0.99888	
10 Sulfotepp	1.56280	1.44519	1.65714	1.68788	1.57081	1.56396						
	1.47299						AVRG		1.56582		5.61879	
11 Phorate	1.13644	0.95432	1.14044	1.07117	0.99690	0.98879						
	0.92922						AVRG		1.03104		8.29536	
12 Dimethoate	+++++	59892	356039	877602	1446366	1934346						
	2590760						WLINR	0.17667	1.10316		0.99682	
13 Demeton-S	421	101878	285098	598857	888508	1152288						
	1490677						LINR	0.00806	0.86060		0.99287	<-

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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	+++++	48256	174622	313833	493520	631700					
	804726						QUAD	0.10651	2.04581	1.46981	0.99811
15 Atrazine	+++++	56963	206785	417568	667495	887166					
	1175975						WLINR	0.09612	0.48853		0.99171
16 propazine	+++++	0.35592	0.47135	0.45861	0.45434	0.46102					
	0.44356						AVRG		0.44080		9.65392
17 Disulfoton	48155	167271	445811	956556	1440699	1882342					
	2454335						WLINR	0.04123	1.45920		0.99632
18 Diazinon	122906	248611	519628	1016692	1526415	1969776					
	2542893						WLINR	-0.05341	1.44136		0.99767
19 Methyl Parathion	40155	137375	334656	727074	1132305	1471875					
	1968772						WLINR	0.03631	1.12970		0.99901
20 Ronnel	1.03546	1.01940	1.14102	1.20523	1.19683	1.22965					
	1.20553						AVRG		1.14759		7.53685

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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	0.86188	0.91387	1.07877	1.08977	1.04406	1.03997						
	0.98036						AVRG		1.00124		8.61800	
22 Fenthion	49230	134570	363139	790291	1222175	1589817						
	2105793						WLINR	0.02987	1.20261		0.99507	
23 Parathion	+++++	117278	333400	780379	1232087	1621434						
	2156342						WLINR	0.09066	1.27814		0.99835	
24 Chlorpyrifos	+++++	265889	506108	926482	1387727	1798423						
	2373426						WLINR	-0.10926	1.27881		0.99829	
25 Trichloronate	1.46832	1.29281	1.40677	1.46387	1.44859	1.47665						
	1.43014						AVRG		1.42673		4.47196	
26 Anilazine	413	937	23197	62364	109906	153137						
	224347						LINR	0.20138	0.12922		0.99583	<-
27 Merphos-A (Merphos)	27686	102703	274971	619861	975630	1320113						
	1714293						WLINR	0.05196	0.98235		0.99735	

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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)	27000	86949	229899	510754	821547	1111793					
	1539127						WLINR	0.04531	0.82719		0.99642
29 Tokuthion	1.37786	1.22539	1.38006	1.40966	1.37398	1.39384					
	1.33792						AVRG		1.35696		4.56962
30 Merphos-B (Merphos Oxone)	49732	78157	159629	271041	371990	422425					
	528766						QUAD	0.06346	0.59850	3.86180	0.99854
31 Carbophenothion-methyl	29119	99151	280480	618555	972242	1285762					
	1741313						WLINR	0.04987	0.97720		0.99632
32 Fensulfothion	+++++	53776	214899	563535	876396	1172734					
	1592051						WLINR	0.15154	0.96497		0.99770
33 Bolstar / Famphur	97513	282731	741469	1568236	2416510	3128382					
	4156553						WLINR	0.05716	1.19757		0.99670
34 Carbophenothion	1.08187	1.03600	1.15360	1.13412	1.10854	1.10645					
	1.06490						AVRG		1.09793		3.67689

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Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Last Edit : 07-Aug-2009 13:45 GC_D.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	25548	91979	268843	595984	916951	1218253					
	1647305						WLINR	0.05412	0.93334		0.99580
37 EPN	1.04741	1.13202	1.22186	1.20575	1.11750	1.12936					
	1.05270						AVRG		1.12952		5.95345
38 Azinphos-methyl	25233	73949	233826	545683	862799	1158610					
	1592084						LINR	0.07569	0.89630		0.99930
40 Azinphos-ethyl	1.20072	0.93049	1.06940	1.04526	1.02814	1.02319					
	0.97822						AVRG		1.03935		8.14067
41 Coumaphos	33445	95853	261325	569489	895805	1188819					
	1602651						WLINR	0.03646	0.89074		0.99560
M 42 Total Demeton	30720	165389	442896	900779	1349057	1733860					
	2251954						WLINR	0.05788	1.41556		0.99198
M 43 Merphos	1.39750	1.23094	1.38907	1.38298	1.31717	1.31436					
	1.21510						AVRG		1.32102		5.67433

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Start Cal Date : 06-AUG-2009 14:56
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Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Last Edit : 07-Aug-2009 13:45 GC_D.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	1.70854	1.55109	1.63649	1.61328	1.45247	1.46197					
	1.36788						AVRG		1.54167		7.79134
$ 35 Triphenyl phosphate	0.74982	0.81969	0.94206	0.95098	0.90064	0.90309					
	0.84340						AVRG		0.87281		8.28995

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INITIAL CALIBRATION DATA

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Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Last Edit : 07-Aug-2009 13:45 GC_D.i

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

Report Date: 07-Aug-2009 13:50

Calibration History

Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Start Cal Date: 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Last Cal Level: 1
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 0.20000		
06-AUG-2009 18:34	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\009F0901.D
Cal Level: 2 , Cal Amount: 0.50000		
06-AUG-2009 17:58	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\008F0801.D
Cal Level: 3 , Cal Amount: 1.00000		
06-AUG-2009 17:21	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\007F0701.D
Cal Level: 4 , Cal Amount: 2.00000		
06-AUG-2009 16:45	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\006F0601.D
Cal Level: 5 , Cal Amount: 3.00000		
06-AUG-2009 16:08	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\005F0501.D
Cal Level: 6 , Cal Amount: 4.00000		
06-AUG-2009 15:32	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\004F0401.D
Cal Level: 7 , Cal Amount: 5.00000		
06-AUG-2009 14:56	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\003F0301.D

Continuing Calibration

Ccal Level Mode: BY SAMPLE

06-AUG-2009 19:10	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\010F1001.D
07-AUG-2009 06:42	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\029F2901.D
06-AUG-2009 16:08	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\005F0501.D

Report Date : 07-Aug-2009 13:44

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.i

Calibration File Names:
Level 1: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\009F0901.D
Level 2: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\008F0801.D
Level 3: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\007F0701.D
Level 4: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\006F0601.D
Level 5: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\005F0501.D
Level 6: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\004F0401.D
Level 7: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.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	5.0000 Level 7	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
1 o,o,o-TEPT	2.29043	1.90123	1.95130	1.88382	1.73356	1.73918	1.59199	AVRG		1.87022		11.90741
2 Dichlorvos	0.89869	0.78758	0.82805	0.86014	0.82558	0.85108	0.78454	AVRG		0.83367		4.86412
4 Mevinphos	26181	90159	249277	555210	847872	1096662	1418878	LINR	0.02241	0.52291		0.99690
5 Demeton-O	0.74959	0.68467	0.79510	0.82182	0.78659	0.77064	0.74831	AVRG		0.76525		5.74609

* All weighted linear are $1/x^2$

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INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
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Quant Method : ISTD
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Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.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	1.14565	1.08329	1.20126	1.20198	1.13145	1.12656					
	1.04660						AVRG		1.13382		5.03485
8 Ethoprop	150814	267910	555560	1095403	1622717	2051405					
	2583304						WLINR	-0.08621	0.93634		0.99376
9 Naled	12427	47634	159760	373106	617906	787967					
	1131291						QUAD	0.08493	2.59831	-0.16856	0.99915
10 Sulfotepp	1.76900	1.56005	1.81850	1.75939	1.64614	1.63203					
	1.51002						AVRG		1.67073		6.89125
11 Phorate	1.08434	0.83104	0.84616	0.84084	0.79408	0.78203					
	0.73702						AVRG		0.84507		13.29300
12 Demeton-S	0.62408	0.72296	0.82414	0.81846	0.80405	0.81520					
	0.76672						AVRG		0.76794		9.50535
13 Simazine	6499	15934	82213	217050	364617	492868					
	674577						LINR	0.14352	0.25284		0.99829

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.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 / Propazine	0.45307	0.43687	0.46450	0.46986	0.45749	0.47026					
	0.46112						AVRG		0.45903		2.52599
15 Dimethoate	62417	178809	484895	1037511	1616390	2052825					
	2698083						WLINR	0.03026	1.00403		0.99496
16 Diazinon	1.12790	0.98078	1.05404	1.02017	0.94993	0.93374					
	0.87260						AVRG		0.99131		8.50540
17 Disulfoton	1.04034	0.96498	1.05301	1.04708	0.99340	0.98440					
	0.92562						AVRG		1.00126		4.77046
18 Methyl Parathion	40092	130034	351856	753320	1163940	1488025					
	1936768						WLINR	0.04327	0.99949		0.99615
19 Ronnel	1.29240	1.09578	1.15751	1.15464	1.14108	1.15310					
	1.09180						AVRG		1.15519		5.76214
20 Malathion	52293	150756	354820	728530	1103657	1406900					
	1824966						WLINR	0.01814	0.94549		0.99782

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.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	60489	169871	394413	832490	1290170	1671357					
	2210724						WLINR	0.02011	1.09999		0.99883
22 Trichloronate	66017	196799	455989	1021736	1622974	2093978					
	2890038						WLINR	0.03235	1.38094		0.99763
23 Parathion	66767	175066	440954	893471	1339063	1741701					
	2140679						QUAD	0.06563	0.65024	0.10357	0.99479
24 Fenthion	89878	206817	455004	922040	1408001	1789955					
	2341329						WLINR	-0.01244	1.16987		0.99827
25 Merphos-A (Merphos)	23197	104851	277563	631476	1003697	1339983					
	1728719						WLINR	0.06365	0.87639		0.99746
26 Anilazine	3273	10789	27039	64885	101616	129151					
	195793						WLINR	0.06368	0.09179		0.99697
27 Tetrachlorvinphos (stirophos)	35965	97796	256768	576694	925221	1220938					
	1682420						WLINR	0.03907	0.79183		0.99222

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.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 Tokuthion	1.22601	1.12742	1.27127	1.32225	1.30944	1.33086					
	1.26727						AVRG		1.26493		5.59788
29 Merphos-B (Merphos oxone)	58022	96740	174313	293170	395538	439795					
	547067						QUAD	0.06477	0.52377	4.80248	0.99795
30 Carbophenothion methyl	0.75736	0.75717	0.89847	0.94809	0.94520	0.96010					
	0.92358						AVRG		0.88428		10.06653
31 Fensulfothion	31957	101238	280688	603115	932760	1195644					
	1541611						WLINR	0.04406	0.79919		0.99507
32 Bolstar	1.35003	1.19068	1.27553	1.24212	1.18136	1.16644					
	1.06951						AVRG		1.21081		7.36840
33 Carbophenothion	0.99270	0.91157	1.03031	1.05279	1.04016	1.05422					
	1.00258						AVRG		1.01205		4.96052
34 Famphur	0.81755	0.80571	0.96709	1.00392	0.96583	0.98385					
	0.92956						AVRG		0.92479		8.70957

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.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
	36 EPN	1.02676	0.93500	1.04721	1.04625	0.99870	0.98619	0.90816	AVRG		0.99261		5.44915
	37 Phosmet	42368	114720	302493	636769	974935	1249688	1655568	WLINR	0.02810	0.83340		0.99564
	39 Azinphos-methyl	37094	89923	240868	524807	823806	1072140	1429834	WLINR	0.02728	0.69625		0.99187
	40 Azinphos-ethyl	0.69495	0.65912	0.76659	0.77776	0.74616	0.73804	0.69568	AVRG		0.72547		5.96411
	41 Coumaphos	37102	91236	236130	504566	780746	1021332	1373774	WLINR	0.02252	0.66605		0.99432
M	42 Total Demeton	56597	167552	404997	836927	1295869	1672111	2162260	WLINR	0.02537	1.10859		0.99819
M	43 Merphos	81219	201591	451876	924646	1399235	1779778	2275786	WLINR	-0.00193	1.17315		0.99761

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.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	118440	285008	643087	1328045	2008587	2624051					
	3329933						LINR	-0.03570	1.20195		0.99676
$ 35 Triphenyl phosphate	0.91508	0.82368	0.91619	0.91274	0.86631	0.85066					
	0.77349						AVRG		0.86545		6.27482

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.i

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Linear	Amt = b + 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: 07-Aug-2009 13:44

Calibration History

Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Start Cal Date: 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Last Cal Level: 1
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 0.20000		
06-AUG-2009 18:34	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\009F0901.D
Cal Level: 2 , Cal Amount: 0.50000		
06-AUG-2009 17:58	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\008F0801.D
Cal Level: 3 , Cal Amount: 1.00000		
06-AUG-2009 17:21	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\007F0701.D
Cal Level: 4 , Cal Amount: 2.00000		
06-AUG-2009 16:45	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\006F0601.D
Cal Level: 5 , Cal Amount: 3.00000		
06-AUG-2009 16:08	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\005F0501.D
Cal Level: 6 , Cal Amount: 4.00000		
06-AUG-2009 15:32	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\004F0401.D
Cal Level: 7 , Cal Amount: 5.00000		
06-AUG-2009 14:56	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\003F0301.D

Continuing Calibration

Ccal Level Mode: BY SAMPLE

06-AUG-2009 19:10	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\010F1001.D
06-AUG-2009 16:45	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\006F0601.D

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/010F1001.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

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

Injection Date: 06-AUG-2009 19:10
Lab Sample ID: 8141 SS GSV87609
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.0000	2.2402	12.0	15.0	
2	Dichlorvos	2.0000	2.0361	1.8	15.0	
3	Mevinphos	2.0000	1.5564	22.2	15.0	<-
4	Chlormefos	2.0000	1.7365	13.2	15.0	
5	Thionazin	2.0000	2.2350	11.8	15.0	
6	Demeton-O	0.6500	2.0253	211.6	15.0	<- ok, see total demeton
7	Ethoprop	2.0000	1.9936	0.3	15.0	
8	Naled	2.0000	1.7057	14.7	15.0	
9	Sulfotepp	2.0000	1.9680	1.6	15.0	
10	Phorate	2.0000	1.6336	18.3	15.0	<-
11	Dimethoate	2.0000	2.1822	9.1	15.0	
12	Demeton-S	1.3600	0.2056	84.9	15.0	<- ok, see total demeton
13	Simazine	2.0000	2.4694	23.5	15.0	<-
14	Atrazine	2.0000	2.1611	8.1	15.0	
15	propazine	2.0000	2.1931	9.7	15.0	
17	Disulfoton	2.0000	1.9744	1.3	15.0	
16	Diazinon	2.0000	1.8671	6.6	15.0	
18	Methyl Parathion	2.0000	1.9703	1.5	15.0	
19	Ronnel	2.0000	2.0637	3.2	15.0	
20	Malathion	2.0000	1.9362	3.2	15.0	
21	Fenthion	2.0000	1.9060	4.7	15.0	
22	Parathion	2.0000	2.0598	3.0	15.0	
23	Chlorpyrifos	2.0000	1.9775	1.1	15.0	
24	Trichloronate	2.0000	1.8094	9.5	15.0	
25	Anilazine	2.0000	1.2499	37.5	15.0	<-
148	Merphos-A (Merphos)	2.0000	0.2980	85.1	999.0	
26	Tetrachlorvinphos (Stirophos)	2.0000	1.8887	5.6	15.0	
28	Tokuthion	2.0000	1.9432	2.8	15.0	
149	Merphos-B (Merphos Oxone)	2.0000	11.8778	493.9	999.0	
29	Carbophenothion-methyl	2.0000	1.3305	33.5	15.0	<-
29	Fensulfothion	2.0000	1.9661	1.7	15.0	
30	Bolstar / Famphur	4.0000	4.2423	6.1	15.0	
32	Carbophenothion	2.0000	2.1165	5.8	15.0	
31	Triphenyl phosphate	2.0000	1.8485	7.6	15.0	
34	Phosmet	2.0000	2.2723	13.6	15.0	
32	EPN	2.0000	2.2096	10.5	15.0	
33	Azinphos-methyl	2.0000	1.8506	7.5	15.0	
38	Azinphos-ethyl	2.0000	2.0552	2.8	15.0	
36	Coumaphos	2.0000	1.9367	3.2	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/010F1001.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

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

Injection Date: 06-AUG-2009 19:10
Lab Sample ID: 8141 SS GSV87609
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
40 Total Demeton	2.0000	2.2310	11.5	15.0
27 Merphos	2.0000	1.8981	5.1	15.0

Average %D = 29.5

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B/010F1001.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

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

Injection Date: 06-AUG-2009 19:10
Lab Sample ID: 8141 SS GSV87609
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.0000	2.1425	7.1	15.0	
2	Dichlorvos	2.0000	1.9878	0.6	15.0	
3	Chlormefos	2.0000	1.6927	15.4	15.0	<- OK
4	Mevinphos	2.0000	1.5781	21.1	15.0	<-
5	Demeton-O	0.6500	2.0683	218.2	15.0	<- ok, see total demeton
6	Thionazin	2.0000	2.2135	10.7	15.0	
7	Ethoprop	2.0000	1.9677	1.6	15.0	
10	Naled	2.0000	1.6813	15.9	15.0	<-
145	Sulfotepp	2.0000	1.8424	7.9	15.0	
8	Phorate	2.0000	1.6013	19.9	15.0	<-
15	Demeton-S	1.3600	0.0935	93.1	15.0	<- ok, see total demeton
10	Simazine	2.0000	2.7702	38.5	15.0	<-
13	Atrazine / Propazine	4.0000	4.2316	5.8	15.0	
16	Dimethoate	2.0000	2.1608	8.0	15.0	
11	Diazinon	2.0000	1.8234	8.8	15.0	
14	Disulfoton	2.0000	1.9546	2.3	15.0	
23	Methyl Parathion	2.0000	1.9650	1.7	15.0	
17	Ronnel	2.0000	1.9361	3.2	15.0	
24	Malathion	2.0000	1.8572	7.1	15.0	
18	Chlorpyrifos	2.0000	1.9742	1.3	15.0	
20	Trichloronate	2.0000	1.7303	13.5	15.0	
26	Parathion	2.0000	2.0441	2.2	15.0	
19	Fenthion	2.0000	1.9107	4.5	15.0	
151	Merphos-A (Merphos)	2.0000	0.2815	85.9	999.0	
21	Anilazine	2.0000	0.8232	58.8	15.0	<-
27	Tetrachlorvinphos (stirophos)	2.0000	1.8642	6.8	15.0	
25	Tokuthion	2.0000	1.9613	1.9	15.0	
148	Merphos-B (Merphos oxone)	2.0000	11.9171	495.9	999.0	
28	Carbophenothion methyl	2.0000	1.3477	32.6	15.0	<-
30	Fensulfothion	2.0000	1.9468	2.7	15.0	
28	Bolstar	2.0000	1.9885	0.6	15.0	
30	Carbophenothion	2.0000	2.1111	5.6	15.0	
33	Famphur	2.0000	2.2821	14.1	15.0	
29	Triphenyl phosphate	2.0000	1.7892	10.5	15.0	
32	EPN	2.0000	2.1924	9.6	15.0	
34	Phosmet	2.0000	2.2747	13.7	15.0	
34	Azinphos-methyl	2.0000	1.8178	9.1	15.0	
35	Azinphos-ethyl	2.0000	2.1653	8.3	15.0	
36	Coumaphos	2.0000	1.8960	5.2	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B/010F1001.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

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

Injection Date: 06-AUG-2009 19:10
Lab Sample ID: 8141 SS GSV87609
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
40 Total Demeton	2.0000	2.1617	8.1	15.0
22 Merphos	2.0000	1.9093	4.5	15.0

Average %D = 31.3

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B/048F4801.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 048F4801.D
Analysis Type: NONE

Injection Date: 09-AUG-2009 20:00
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\080

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.3366	6.5	15.0	
2	Dichlorvos	2.5000	2.7926	11.7	15.0	
3	Mevinphos	2.5000	2.8105	12.4	15.0	
4	Chlormefos	2.5000	2.1455	14.2	15.0	
5	Thionazin	2.5000	2.4577	1.7	15.0	
6	Demeton-O	0.8125	0.7711	5.1	15.0	
7	Ethoprop	2.5000	2.3853	4.6	15.0	
8	Naled	2.5000	1.8917	24.3	15.0	<-
9	Sulfotepp	2.5000	2.3936	4.3	15.0	
10	Phorate	2.5000	2.3231	7.1	15.0	
11	Dimethoate	2.5000	2.4617	1.5	15.0	
12	Demeton-S	1.7000	1.6981	0.1	15.0	
13	Simazine	2.5000	2.3610	5.6	15.0	
14	Atrazine	2.5000	2.3957	4.2	15.0	
15	propazine	2.5000	2.4797	0.8	15.0	
17	Disulfoton	2.5000	2.3369	6.5	15.0	
16	Diazinon	2.5000	2.4742	1.0	15.0	
18	Methyl Parathion	2.5000	2.4393	2.4	15.0	
19	Ronnel	2.5000	2.3569	5.7	15.0	
20	Malathion	2.5000	2.3811	4.8	15.0	
21	Fenthion	2.5000	2.3570	5.7	15.0	
22	Parathion	2.5000	2.3366	6.5	15.0	
23	Chlorpyrifos	2.5000	2.2921	8.3	15.0	
24	Trichloronate	2.5000	2.2284	10.9	15.0	
25	Anilazine	2.5000	1.3600	45.6	15.0	<-
148	Merphos-A (Merphos)	2.5000	1.0816	56.7	999.0	
26	Tetrachlorvinphos (Stirophos)	2.5000	2.1967	12.1	15.0	
28	Tokuthion	2.5000	2.2720	9.1	15.0	
149	Merphos-B (Merphos Oxone)	2.5000	10.0910	303.6	999.0	
29	Carbophenothion-methyl	2.5000	2.3476	6.1	15.0	
29	Fensulfothion	2.5000	2.4620	1.5	15.0	
30	Bolstar / Famphur	5.0000	4.6721	6.6	15.0	
32	Carbophenothion	2.5000	2.3723	5.1	15.0	
31	Triphenyl phosphate	2.5000	2.4591	1.6	15.0	
34	Phosmet	2.5000	2.2985	8.1	15.0	
32	EPN	2.5000	2.3327	6.7	15.0	
33	Azinphos-methyl	2.5000	2.3458	6.2	15.0	
38	Azinphos-ethyl	2.5000	2.3038	7.8	15.0	
36	Coumaphos	2.5000	2.2047	11.8	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B/048F4801.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 048F4801.D
Analysis Type: NONE

Injection Date: 09-AUG-2009 20:00
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\080

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
40 Total Demeton	2.5000	2.4692	1.2	15.0
27 Merphos	2.5000	2.3333	6.7	15.0

Average %D = 15.9

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B/048F4801.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 048F4801.D
Analysis Type: NONE

Injection Date: 09-AUG-2009 20:00
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\080

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.3083	7.7	15.0	
2	Dichlorvos	2.5000	3.1206	24.8	15.0	<-
3	Chlormefos	2.5000	2.3838	4.6	15.0	
4	Mevinphos	2.5000	2.8646	14.6	15.0	
5	Demeton-O	0.8125	0.8017	1.3	15.0	
6	Thionazin	2.5000	2.5263	1.1	15.0	
7	Ethoprop	2.5000	2.5050	0.2	15.0	
10	Naled	2.5000	2.1149	15.4	15.0	<-
145	Sulfotepp	2.5000	2.3218	7.1	15.0	
8	Phorate	2.5000	2.3044	7.8	15.0	
15	Demeton-S	1.7000	1.6959	0.2	15.0	
10	Simazine	2.5000	2.2676	9.3	15.0	
13	Atrazine / Propazine	5.0000	4.7470	5.1	15.0	
16	Dimethoate	2.5000	2.6299	5.2	15.0	
11	Diazinon	2.5000	2.3437	6.3	15.0	
14	Disulfoton	2.5000	2.2859	8.6	15.0	
23	Methyl Parathion	2.5000	2.6211	4.8	15.0	
17	Ronnel	2.5000	2.3959	4.2	15.0	
24	Malathion	2.5000	2.3378	6.5	15.0	
18	Chlorpyrifos	2.5000	2.3965	4.1	15.0	
20	Trichloronate	2.5000	2.1863	12.5	15.0	
26	Parathion	2.5000	2.3639	5.4	15.0	
19	Fenthion	2.5000	2.4501	2.0	15.0	
151	Merphos-A (Merphos)	2.5000	1.0763	56.9	999.0	
21	Anilazine	2.5000	0.8307	66.8	15.0	<-
27	Tetrachlorvinphos (stirophos)	2.5000	2.2724	9.1	15.0	
25	Tokuthion	2.5000	2.2652	9.4	15.0	
148	Merphos-B (Merphos oxone)	2.5000	11.2942	351.8	999.0	
28	Carbophenothion methyl	2.5000	2.5115	0.5	15.0	
30	Fensulfothion	2.5000	2.3747	5.0	15.0	
28	Bolstar	2.5000	2.2463	10.1	15.0	
30	Carbophenothion	2.5000	2.3237	7.1	15.0	
33	Famphur	2.5000	2.5782	3.1	15.0	
29	Triphenyl phosphate	2.5000	2.4132	3.5	15.0	
32	EPN	2.5000	2.3664	5.3	15.0	
34	Phosmet	2.5000	2.3119	7.5	15.0	
34	Azinphos-methyl	2.5000	2.3745	5.0	15.0	
35	Azinphos-ethyl	2.5000	2.4542	1.8	15.0	
36	Coumaphos	2.5000	2.2102	11.6	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B/048F4801.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 048F4801.D
Analysis Type: NONE

Injection Date: 09-AUG-2009 20:00
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\080

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
40 Total Demeton	2.5000	2.4977	0.1	15.0
22 Merphos	2.5000	2.4525	1.9	15.0

Average %D = 17.4

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B/057F5701.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 057F5701.D
Analysis Type: NONE

Injection Date: 10-AUG-2009 01:28
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\080

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1 o,o,o-TEPT	2.5000	2.2647	9.4	15.0	
2 Dichlorvos	2.5000	2.8150	12.6	15.0	
3 Mevinphos	2.5000	2.9233	16.9	15.0	<-
4 Chlormefos	2.5000	2.1616	13.5	15.0	
5 Thionazin	2.5000	2.4229	3.1	15.0	
6 Demeton-O	0.8125	0.7953	2.1	15.0	
7 Ethoprop	2.5000	2.3823	4.7	15.0	
8 Naled	2.5000	2.0677	17.3	15.0	<-
9 Sulfotepp	2.5000	2.3718	5.1	15.0	
10 Phorate	2.5000	2.3256	7.0	15.0	
11 Dimethoate	2.5000	2.5149	0.6	15.0	
12 Demeton-S	1.7000	1.6930	0.4	15.0	
13 Simazine	2.5000	2.1523	13.9	15.0	
14 Atrazine	2.5000	2.2724	9.1	15.0	
15 propazine	2.5000	2.3218	7.1	15.0	
17 Disulfoton	2.5000	2.2767	8.9	15.0	
16 Diazinon	2.5000	2.3177	7.3	15.0	
18 Methyl Parathion	2.5000	2.3659	5.4	15.0	
19 Ronnel	2.5000	2.4463	2.1	15.0	
20 Malathion	2.5000	2.3558	5.8	15.0	
21 Fenthion	2.5000	2.3417	6.3	15.0	
22 Parathion	2.5000	2.3651	5.4	15.0	
23 Chlorpyrifos	2.5000	2.3504	6.0	15.0	
24 Trichloronate	2.5000	2.3524	5.9	15.0	
25 Anilazine	2.5000	1.5402	38.4	15.0	<-
148 Merphos-A (Merphos)	2.5000	1.9808	20.8	999.0	
26 Tetrachlorvinphos (Stirophos)	2.5000	2.3408	6.4	15.0	
28 Tokuthion	2.5000	2.3391	6.4	15.0	
149 Merphos-B (Merphos Oxone)	2.5000	4.1689	66.8	999.0	
29 Carbophenothion-methyl	2.5000	2.4075	3.7	15.0	
29 Fensulfothion	2.5000	2.6161	4.6	15.0	
30 Bolstar / Famphur	5.0000	4.6347	7.3	15.0	
32 Carbophenothion	2.5000	2.4244	3.0	15.0	
31 Triphenyl phosphate	2.5000	2.4644	1.4	15.0	
34 Phosmet	2.5000	2.3545	5.8	15.0	
32 EPN	2.5000	2.3328	6.7	15.0	
33 Azinphos-methyl	2.5000	2.4994	0.0	15.0	
38 Azinphos-ethyl	2.5000	2.3487	6.1	15.0	
36 Coumaphos	2.5000	2.3628	5.5	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B/057F5701.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 057F5701.D
Analysis Type: NONE

Injection Date: 10-AUG-2009 01:28
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\080

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
40 Total Demeton	2.5000	2.4883	0.5	15.0
27 Merphos	2.5000	2.3799	4.8	15.0

Average %D = 8.88

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B/057F5701.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 057F5701.D
Analysis Type: NONE

Injection Date: 10-AUG-2009 01:28
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\080

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.2311	10.8	15.0	
2	Dichlorvos	2.5000	3.1549	26.2	15.0	<-
3	Chlormefos	2.5000	2.4335	2.7	15.0	
4	Mevinphos	2.5000	2.8629	14.5	15.0	
5	Demeton-O	0.8125	0.8145	0.2	15.0	
6	Thionazin	2.5000	2.4738	1.0	15.0	
7	Ethoprop	2.5000	2.4985	0.1	15.0	
10	Naled	2.5000	2.2391	10.4	15.0	
145	Sulfotepp	2.5000	2.2957	8.2	15.0	
8	Phorate	2.5000	2.3464	6.1	15.0	
15	Demeton-S	1.7000	1.7606	3.6	15.0	
10	Simazine	2.5000	2.2166	11.3	15.0	
13	Atrazine / Propazine	5.0000	4.5736	8.5	15.0	
16	Dimethoate	2.5000	2.6129	4.5	15.0	
11	Diazinon	2.5000	2.2975	8.1	15.0	
14	Disulfoton	2.5000	2.3198	7.2	15.0	
23	Methyl Parathion	2.5000	2.5736	2.9	15.0	
17	Ronnel	2.5000	2.4201	3.2	15.0	
24	Malathion	2.5000	2.3035	7.9	15.0	
18	Chlorpyrifos	2.5000	2.4718	1.1	15.0	
20	Trichloronate	2.5000	2.2637	9.5	15.0	
26	Parathion	2.5000	2.3972	4.1	15.0	
19	Fenthion	2.5000	2.4649	1.4	15.0	
151	Merphos-A (Merphos)	2.5000	1.9643	21.4	999.0	
21	Anilazine	2.5000	0.6223	75.1	15.0	<-
27	Tetrachlorvinphos (stirophos)	2.5000	2.4073	3.7	15.0	
25	Tokuthion	2.5000	2.3560	5.8	15.0	
148	Merphos-B (Merphos oxone)	2.5000	5.1013	104.1	999.0	
28	Carbophenothion methyl	2.5000	2.6131	4.5	15.0	
30	Fensulfothion	2.5000	2.4895	0.4	15.0	
28	Bolstar	2.5000	2.2285	10.9	15.0	
30	Carbophenothion	2.5000	2.4255	3.0	15.0	
33	Famphur	2.5000	2.5436	1.7	15.0	
29	Triphenyl phosphate	2.5000	2.3855	4.6	15.0	
32	EPN	2.5000	2.4026	3.9	15.0	
34	Phosmet	2.5000	2.3796	4.8	15.0	
34	Azinphos-methyl	2.5000	2.5493	2.0	15.0	
35	Azinphos-ethyl	2.5000	2.5212	0.8	15.0	
36	Coumaphos	2.5000	2.3568	5.7	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B/057F5701.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 057F5701.D
Analysis Type: NONE

Injection Date: 10-AUG-2009 01:28
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\080

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
40 Total Demeton	2.5000	2.5751	3.0	15.0
22 Merphos	2.5000	2.5056	0.2	15.0

Average %D = 9.98

Sequence: C:\HPCHEM\2\SEQUENCE\D080609.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	8141 L7 GSV82609				
4	Vial 4	8141 L6 GSV87009				
5	Vial 5	8141 L5 GSV87109				
6	Vial 6	8141 L4 GSV87209				
7	Vial 7	8141 L3 GSV87309				
8	Vial 8	8141 L2 GSV87409				
9	Vial 9	8141 L1 GSV87509				
10	Vial 10	8141 SS GSV87609				
11	Vial 11	GSV0893-09 SURR				
12	Vial 12	GSV0883-09 SPK				
13	Vial 13	LG1WM1AA,MB				
14	Vial 14	LG1WM1AC,LCS				
15	Vial 15	LG1WM1AD,LCSD				
16	Vial 16	LGX0F1AE,167-1				
17	Vial 17	LGX1P1AN,167-2				
18	Vial 18	LG34K1AA,MB				
19	Vial 19	LG34K1AC,LCS				
20	Vial 20	LG34K1AD,LCSD				
21	Vial 21	LG2X51AA,280-1				
22	Vial 22	LG20H1AA,280-2				
23	Vial 23	LG20J1AA,280-3				
24	Vial 24	LG20L1AA,280-4				
25	Vial 25	LG20N1AA,280-5				
26	Vial 26	LG29G1AA,313-1				
27	Vial 27	LG3WP1AA,149-1				
28	Vial 28	LG3XR1AA,158-1				
29	Vial 29	8141 CCV GSV861				
30	Vial 30	LHA0K1AA,MB				
31	Vial 31	LHA0K1AC,LCS				
32	Vial 32	LHA0K1AD,LCSD				
33	Vial 33	LG7XK1AA,180-1				
34	Vial 34	LG7XP1AA,180-2				
35	Vial 35	LG7XQ1AA,180-3				
36	Vial 36	LG7XQ1AC,180-3S				
37	Vial 37	LG7XQ1AD,180-3D				
38	Vial 38	LG7XW1AA,180-4				
39	Vial 39	LG70G1AA,185-1				
40	Vial 40	LHA0P1AA,MB				
41	Vial 41	LHA0P1AC,LCS				
42	Vial 42	LHA0P1AD,LCSD				
43	Vial 43	LG7N31CC,159-1				
44	Vial 44	LG48D1AA,MB				
45	Vial 45	LG48D1AC,LCS				
46	Vial 46	LG48D1AD,LCSD				
47	Vial 47	LG3F51AD,333-9				
48	Vial 48	LG4761AA,MB				
49	Vial 49	LG4761AC,LCS				
50	Vial 50	LG4761AD,LCSD				
51	Vial 51	LG4XL1AA,133-1				
52	Vial 52	8141 CCV GSV861				
53	Vial 53	LG8X21AA,MB				
54	Vial 54	LG8X21AC,LCS				
55	Vial 55	LG8X21AD,LCSD				
56	Vial 56	LG1TK1AA,108-21				
57	Vial 57	LG8TT1AA,MB				
58	Vial 58	LG8TT1AC,LCS				
59	Vial 59	LG2971AA,314-1				

9205278

9206117

9211421

9211426

9208406

9208402

9210504

Sequence: C:\HPCHEM\2\SEQUENCE\D080609.S

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
60	Vial 60	LG3AD1AA,314-2				
61	Vial 61	LG3VM1AA,139-1				
62	Vial 62	LG3VM1AD,139-1S				
63	Vial 63	LG3VM1AE,139-1D				
64	Vial 64	LG3VP1AA,139-2				
65	Vial 65	LG3VR1AA,139-3				
66	Vial 66	8141 CCV GSV861				
67	Vial 67	LG3W11AA,150-1				
68	Vial 68	LG3W21AA,150-2				
69	Vial 69	LG3W31AA,150-3				
70	Vial 70	LG3W51AA,150-4				
71	Vial 71	LHFXR1AA,MB				
72	Vial 72	LHFXR1AC,LCS				
73	Vial 73	LGN2D1CQ,316-5S				
74	Vial 74	LGN2D1CR,316-5D				
75	Vial 75	LGN2D2CN,316-5				
76	Vial 76	LGN2J2CN,316-10				
77	Vial 77	8141 CCV GSV861				
78	Vial 2	HEXANE/ACETONE				

Sequence Table (Back Injector):

No entries - empty table!

Sequence: C:\HPCHEM\2\SEQUENCE\D080809.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	8141 CCV GSV861				
4	Vial 4	LG34C1AA,MB				
5	Vial 5	LGW541AA,293-1				
6	Vial 6	LGW551AA,293-2				
7	Vial 7	LGW561AA,293-3				
8	Vial 8	LGW571AA,293-4				
9	Vial 9	LG8TE1AA,MB				
10	Vial 10	LGW581AA,293-5				
11	Vial 11	LGW591AA,293-6				
12	Vial 12	LGW6A1AA,293-7				
13	Vial 13	LGW6C1AA,293-8				
14	Vial 14	8141 CCV GSV861				
15	Vial 15	LHF291AA,MB				
16	Vial 16	LHF291AC,LCS				
17	Vial 17	LHF291AD,LCSD				
18	Vial 18	LG7QW1AA,166-1				
19	Vial 19	LHCVW1AA,166-2				
20	Vial 20	LHCX51AA,185-1				
21	Vial 21	LHF3A1AA,MB				
22	Vial 22	LHF3A1AC,LCS				
23	Vial 23	LHF3A1AD,LCSD				
24	Vial 24	LHC3A1AA,193-1				
25	Vial 25	LHC3E1AA,193-2				
26	Vial 26	LHC3G1AA,193-3				
27	Vial 27	LHC3J1AA,193-4				
28	Vial 28	LHC3M1AA,193-5				
29	Vial 29	LHC3P1AA,193-6				
30	Vial 30	LHC3Q1AA,193-7				
31	Vial 31	8141 CCV GSV861				
32	Vial 32	LHKE31AA,MB				
33	Vial 33	LHK3E1AC,LCS				
34	Vial 34	LHK3E1AD,LCSD				
35	Vial 35	LHHN71AA,268-1				
36	Vial 36	LHHN81AA,268-2				
37	Vial 37	LHHN91AA,268-3				
38	Vial 38	LHHPA1AA,268-4				
39	Vial 39	LHHPC1AA,268-5				
40	Vial 40	LHHPD1AA,268-6				
41	Vial 41	LHHPE1AA,268-7				
42	Vial 42	LHHPF1AA,268-8				
43	Vial 43	LHK3A1AA,MB				
44	Vial 44	LHK3A1AC,LCS				
45	Vial 45	LHK3A1AD,LCSD				
46	Vial 46	LHG7R1AA,197-1				
47	Vial 47	LHJ511AA,234-1				
48	Vial 48	8141 CCV GSV861				
49	Vial 49	LHFXQ1AA,MB				
50	Vial 50	LHFXQ1AC,LCS				
51	Vial 51	LHA071AA,332-1				
52	Vial 52	LHA071AD,332-1S				
53	Vial 53	LHA071AE,332-1D				
54	Vial 54	LHA081AA,332-2				
55	Vial 55	LHC041AA,187-1				
56	Vial 56	LHC1K1AA,187-2				
57	Vial 57	8141 CCV GSV861				
58	Vial 58	8141 L1 GSV862				
59	Vial 59	LG2M71AA,MB				

Sequence: C:\HPCHEM\2\SEQUENCE\D080809.S

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
60	Vial 60	LG2M71AC,LCS				
61	Vial 61	LGQ171AQ,204-2				
62	Vial 62	LGQ171D0,204-2S				
63	Vial 63	LGQ171D1,204-2D				
64	Vial 64	LGQ2E1AQ,204-7				
65	Vial 65	LGQ2F1AQ,204-8				
66	Vial 66	LGQ2G1AQ,204-9				
67	Vial 67	LGQ2H1AQ,204-10				
68	Vial 68	LGQ2J1AQ,204-11				
69	Vial 69	8141 CCV GSV861				
70	Vial 70	LGQ2K1AQ,204-12				
71	Vial 71	LGQ2L1AQ,204-13				
72	Vial 72	LGQ2M1AQ,204-14				
73	Vial 73	LGQ2N1AQ,204-15				
74	Vial 74	LGT191AT,319-17				
75	Vial 75	LGT2A1A5,319-18				
76	Vial 76	LGT2C1A5,319-19				
77	Vial 77	LGT2D1AG,319-20				
78	Vial 78	LGT2F1AG,319-22				
79	Vial 79	8141 CCV GSV861				
80	Vial 80	8141 L1 GSV862				
81	Vial 2	HEXANE/ACETONE				

205387

Sequence Table (Back Injector):

No entries - empty table!

TestAmerica

Semivolatile GC

CLP-Like Forms

Lot ID: D9G310185

Client: Northgate/Tronox

Method: SW846 8141A

Associated Samples: 001

Batch: 9215363

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	FB072909-SO
Lot/SDG Number:	8304620	**Lab Sample ID:**	D9G310185-001
Matrix:	WATER	**Lab WorkOrder:**	LHCX51AA
% Moisture:	N/A	**Date/Time Collected:**	07/29/09 14:25
Basis:	Wet	**Date/Time Received:**	07/31/09 08:45
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	08/03/09 22:15
QC Batch ID:	9215363	**Date/Time Analyzed:**	08/09/09 03:01
Sample Aliquot:	1055 mL	**Instrument ID:**	D
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:**	FB072909-SO
Lot/SDG Number:	8304620	**Lab Sample ID:**	D9G310185-001
Matrix:	WATER	**Lab WorkOrder:**	LHCX51AA
% Moisture:	N/A	**Date/Time Collected:**	07/29/09 14:25
Basis:	Wet	**Date/Time Received:**	07/31/09 08:45
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	08/03/09 22:15
QC Batch ID:	9215363	**Date/Time Analyzed:**	08/09/09 03:01
Sample Aliquot:	1055 mL	**Instrument ID:**	D
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	96	60	154	
24934-91-6	Chlormefos	59	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:	8304620	**Lab Sample ID:**	D9H030000-363B
Matrix:	WATER	**Lab WorkOrder:**	LHF291AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	08/03/09 22:15
QC Batch ID:	9215363	**Date/Time Analyzed:**	08/09/09 00:00
Sample Aliquot:	1000 mL	**Instrument ID:**	D
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:	8304620	**Lab Sample ID:**	D9H030000-363B
Matrix:	WATER	**Lab WorkOrder:**	LHF291AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	08/03/09 22:15
QC Batch ID:	9215363	**Date/Time Analyzed:**	08/09/09 00:00
Sample Aliquot:	1000 mL	**Instrument ID:**	D
Dilution Factor:	1		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
115-86-6	Triphenyl phosphate	76	60	154	
24934-91-6	Chlormefos	64	49	171	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Surrogate Recovery Summary

Lab Name: TESTAMERICA DENVER **Extraction** I09P29H
Lot/SDG Number: 8304620 **QC Batch ID:** 9215363

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
FB072909-SO	LHCX51AA	59	96							0
INTRA-LAB BLANK	LHF291AA	64	76							0
CHECK SAMPLE	LHF291AC	73	83							0
DUPLICATE CHECK	LHF291AD	73	84							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:	8304620	**Lab Sample ID:**	D9H030000-363C
Matrix:	WATER	**Lab WorkOrder:**	LHF291AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	08/03/09 22:15
QC Batch ID:	9215363	**Date/Time Analyzed:**	08/09/09 00:36
Sample Aliquot:	1000 mL	**Instrument ID:**	D
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Dichlorvos	4.00	3.68	92		40 - 193
Thionazin	4.00	3.23	81		39 - 180
Dimethoate	4.00	3.20	80		33 - 139
Disulfoton	4.00	2.88	72		44 - 139
EPN	4.00	3.17	79		50 - 150
Ethoprop	4.00	3.30	83		43 - 165
Famphur	8.00	6.40	80		51 - 131
Fensulfothion	4.00	3.50	88		46 - 115
Fenthion	4.00	3.09	77		63 - 128
Malathion	4.00	2.78	69		53 - 137
Merphos	4.00	3.08	77		50 - 150
Methyl parathion	4.00	3.25	81		55 - 131
Azinphos-methyl	4.00	3.39	85		42 - 125
Mevinphos	4.00	3.38	84		39 - 175
Ethyl parathion	4.00	3.12	78		47 - 142
Phorate	4.00	2.46	62		46 - 142
Ronnel	4.00	3.20	80		43 - 115
Sulfotepp	4.00	2.69	67		29 - 166
Trichloronate	4.00	2.83	71		60 - 115
Chlorpyrifos	4.00	3.03	76		60 - 120
Coumaphos	4.00	3.18	79		61 - 115
Diazinon	4.00	3.14	79		47 - 149

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
115-86-6	Triphenyl phosphate	83	60	154	
24934-91-6	Chlormefos	73	49	171	

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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:	8304620	**Lab Sample ID:**	D9H030000-363L
Matrix:	WATER	**Lab WorkOrder:**	LHF291AD
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	08/03/09 22:15
QC Batch ID:	9215363	**Date/Time Analyzed:**	08/09/09 01:12
Sample Aliquot:	1000 mL	**Instrument ID:**	D
Dilution Factor:	1		

Analyte	True	Found	C	% Rec	Q	RPD	Q	QC Limits	
								% Rec	RPD
Dichlorvos	4.00	3.94		99		6.8		40 - 193	49
Thionazin	4.00	3.19		80		1.1		39 - 180	40
Dimethoate	4.00	3.26		81		1.8		33 - 139	50
Disulfoton	4.00	2.85		71		1.0		44 - 139	40
EPN	4.00	3.08		77		2.8		50 - 150	50
Ethoprop	4.00	3.27		82		0.97		43 - 165	36
Famphur	8.00	6.40		80		0.090		51 - 131	88
Fensulfothion	4.00	3.66		91		4.2		46 - 115	62
Fenthion	4.00	3.09		77		0.090		63 - 128	41
Malathion	4.00	2.82		70		1.4		53 - 137	28
Merphos	4.00	3.06		77		0.35		50 - 150	50
Methyl parathion	4.00	3.32		83		2.2		55 - 131	30
Azinphos-methyl	4.00	3.27		82		3.6		42 - 125	36
Mevinphos	4.00	3.35		84		0.77		39 - 175	40
Ethyl parathion	4.00	3.15		79		0.79		47 - 142	40
Phorate	4.00	2.42		61		1.6		46 - 142	40
Ronnel	4.00	3.22		80		0.62		43 - 115	39
Sulfotepp	4.00	2.61		65		3.2		29 - 166	40
Trichloronate	4.00	2.81		70		0.78		60 - 115	38
Chlorpyrifos	4.00	3.06		76		0.88		60 - 120	34
Coumaphos	4.00	3.14		78		1.3		61 - 115	43
Diazinon	4.00	3.23		81		2.8		47 - 149	40

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
115-86-6	Triphenyl phosphate	84	60	154	
24934-91-6	Chlormefos	73	49	171	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Method Blank Summary

Lab Name:	TESTAMERICA DENVER	**Lab File ID:**	020F2001.
Lot/SDG Number:	8304620	**Lab Sample ID:**	D9H030000-363B
Matrix:	WATER	**Lab Work Order:**	LHF291AA
Analysis Method:	8141A	**Date/Time Extracted:**	08/03/09 22:15
Extraction Method:	I09P29H	**Date/Time Analyzed:**	08/09/09 00:00
QC Batch ID:	9215363	**Instrument ID:**	D

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
FB072909-SO	LHCX51AA	020F2001.	08/09/09	03:01
CHECK SAMPLE	LHF291AC C	016F1601.	08/09/09	00:36
DUPLICATE CHECK	LHF291AD L	017F1701.	08/09/09	01:12

Report Date : 07-Aug-2009 13:50 Page 1

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Last Edit : 07-Aug-2009 13:45 GC_D.i

Calibration File Names:
Level 1: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\009F0901.D
Level 2: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\008F0801.D
Level 3: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\007F0701.D
Level 4: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\006F0601.D
Level 5: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\005F0501.D
Level 6: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\004F0401.D
Level 7: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.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	182432	420455	908197	1806303	2678940	3532965					
	4488963						QUAD	-0.00185	0.46722	0.02869	0.99856
2 Dichlorvos	0.88775	0.82394	0.83968	0.86756	0.82268	0.85000					
	0.80012						AVRG		0.84168		3.52069
3 Mevinphos	+++++	31592	111446	356823	596188	830977					
	1152906						LINR	0.20087	0.46926		0.99901
5 Thionazin	61338	194202	544011	1140983	1718412	2252008					
	2920220						WLINR	0.03379	1.18951		0.99527

*All weighted linear curve $1/x^2$

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Last Edit : 07-Aug-2009 13:45 GC_D.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	30299	63511	157798	301922	460549	581572						
	761277						WLINR	-0.00975	0.92539		0.99395	
7 Ethoprop	42588	199533	491981	1004283	1510941	1955169						
	2505899						WLINR	0.04409	1.07839		0.99207	
8 Naled	9478	41661	162318	361004	602529	777472						
	1127359						QUAD	0.08662	2.45165	-0.13780	0.99888	
10 Sulfotepp	1.56280	1.44519	1.65714	1.68788	1.57081	1.56396						
	1.47299						AVRG		1.56582		5.61879	
11 Phorate	1.13644	0.95432	1.14044	1.07117	0.99690	0.98879						
	0.92922						AVRG		1.03104		8.29536	
12 Dimethoate	+++++	59892	356039	877602	1446366	1934346						
	2590760						WLINR	0.17667	1.10316		0.99682	
13 Demeton-S	421	101878	285098	598857	888508	1152288						
	1490677						LINR	0.00806	0.86060		0.99287	<-

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Last Edit : 07-Aug-2009 13:45 GC_D.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	+++++	48256	174622	313833	493520	631700					
	804726						QUAD	0.10651	2.04581	1.46981	0.99811
15 Atrazine	+++++	56963	206785	417568	667495	887166					
	1175975						WLINR	0.09612	0.48853		0.99171
16 propazine	+++++	0.35592	0.47135	0.45861	0.45434	0.46102					
	0.44356						AVRG		0.44080		9.65392
17 Disulfoton	48155	167271	445811	956556	1440699	1882342					
	2454335						WLINR	0.04123	1.45920		0.99632
18 Diazinon	122906	248611	519628	1016692	1526415	1969776					
	2542893						WLINR	-0.05341	1.44136		0.99767
19 Methyl Parathion	40155	137375	334656	727074	1132305	1471875					
	1968772						WLINR	0.03631	1.12970		0.99901
20 Ronnel	1.03546	1.01940	1.14102	1.20523	1.19683	1.22965					
	1.20553						AVRG		1.14759		7.53685

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Last Edit : 07-Aug-2009 13:45 GC_D.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	0.86188	0.91387	1.07877	1.08977	1.04406	1.03997	0.98036	AVRG		1.00124		8.61800	
22 Fenthion	49230	134570	363139	790291	1222175	1589817	2105793	WLINR	0.02987	1.20261		0.99507	
23 Parathion	+++++	117278	333400	780379	1232087	1621434	2156342	WLINR	0.09066	1.27814		0.99835	
24 Chlorpyrifos	+++++	265889	506108	926482	1387727	1798423	2373426	WLINR	-0.10926	1.27881		0.99829	
25 Trichloronate	1.46832	1.29281	1.40677	1.46387	1.44859	1.47665	1.43014	AVRG		1.42673		4.47196	
26 Anilazine	413	937	23197	62364	109906	153137	224347	LINR	0.20138	0.12922		0.99583	<-
27 Merphos-A (Merphos)	27686	102703	274971	619861	975630	1320113	1714293	WLINR	0.05196	0.98235		0.99735	

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
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Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Last Edit : 07-Aug-2009 13:45 GC_D.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)	27000	86949	229899	510754	821547	1111793					
	1539127						WLINR	0.04531	0.82719		0.99642
29 Tokuthion	1.37786	1.22539	1.38006	1.40966	1.37398	1.39384					
	1.33792						AVRG		1.35696		4.56962
30 Merphos-B (Merphos Oxone)	49732	78157	159629	271041	371990	422425					
	528766						QUAD	0.06346	0.59850	3.86180	0.99854
31 Carbophenothion-methyl	29119	99151	280480	618555	972242	1285762					
	1741313						WLINR	0.04987	0.97720		0.99632
32 Fensulfothion	+++++	53776	214899	563535	876396	1172734					
	1592051						WLINR	0.15154	0.96497		0.99770
33 Bolstar / Famphur	97513	282731	741469	1568236	2416510	3128382					
	4156553						WLINR	0.05716	1.19757		0.99670
34 Carbophenothion	1.08187	1.03600	1.15360	1.13412	1.10854	1.10645					
	1.06490						AVRG		1.09793		3.67689

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Last Edit : 07-Aug-2009 13:45 GC_D.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	25548	91979	268843	595984	916951	1218253					
	1647305						WLINR	0.05412	0.93334		0.99580
37 EPN	1.04741	1.13202	1.22186	1.20575	1.11750	1.12936					
	1.05270						AVRG		1.12952		5.95345
38 Azinphos-methyl	25233	73949	233826	545683	862799	1158610					
	1592084						LINR	0.07569	0.89630		0.99930
40 Azinphos-ethyl	1.20072	0.93049	1.06940	1.04526	1.02814	1.02319					
	0.97822						AVRG		1.03935		8.14067
41 Coumaphos	33445	95853	261325	569489	895805	1188819					
	1602651						WLINR	0.03646	0.89074		0.99560
M 42 Total Demeton	30720	165389	442896	900779	1349057	1733860					
	2251954						WLINR	0.05788	1.41556		0.99198
M 43 Merphos	1.39750	1.23094	1.38907	1.38298	1.31717	1.31436					
	1.21510						AVRG		1.32102		5.67433

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Last Edit : 07-Aug-2009 13:45 GC_D.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	1.70854	1.55109	1.63649	1.61328	1.45247	1.46197					
	1.36788						AVRG		1.54167		7.79134
$ 35 Triphenyl phosphate	0.74982	0.81969	0.94206	0.95098	0.90064	0.90309					
	0.84340						AVRG		0.87281		8.28995

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Last Edit : 07-Aug-2009 13:45 GC_D.i

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Linear	Amt = b + 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: 07-Aug-2009 13:50

Calibration History

Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Start Cal Date: 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Last Cal Level: 1
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 0.20000		
06-AUG-2009 18:34	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\009F0901.D
Cal Level: 2 , Cal Amount: 0.50000		
06-AUG-2009 17:58	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\008F0801.D
Cal Level: 3 , Cal Amount: 1.00000		
06-AUG-2009 17:21	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\007F0701.D
Cal Level: 4 , Cal Amount: 2.00000		
06-AUG-2009 16:45	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\006F0601.D
Cal Level: 5 , Cal Amount: 3.00000		
06-AUG-2009 16:08	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\005F0501.D
Cal Level: 6 , Cal Amount: 4.00000		
06-AUG-2009 15:32	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\004F0401.D
Cal Level: 7 , Cal Amount: 5.00000		
06-AUG-2009 14:56	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\003F0301.D

Continuing Calibration

Ccal Level Mode: BY SAMPLE

06-AUG-2009 19:10	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\010F1001.D
07-AUG-2009 06:42	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\029F2901.D
06-AUG-2009 16:08	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\005F0501.D

Report Date : 07-Aug-2009 13:44 Page 1

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INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.i

Calibration File Names:
Level 1: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\009F0901.D
Level 2: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\008F0801.D
Level 3: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\007F0701.D
Level 4: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\006F0601.D
Level 5: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\005F0501.D
Level 6: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\004F0401.D
Level 7: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.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	Coefficients m1	Coefficients m2	%RSD or R^2
	5.0000 Level 7										
1 o,o,o-TEPT	2.29043	1.90123	1.95130	1.88382	1.73356	1.73918					
	1.59199						AVRG		1.87022		11.90741
2 Dichlorvos	0.89869	0.78758	0.82805	0.86014	0.82558	0.85108					
	0.78454						AVRG		0.83367		4.86412
4 Mevinphos	26181	90159	249277	555210	847872	1096662					
	1418878						LINR	0.02241	0.52291		0.99690
5 Demeton-O	0.74959	0.68467	0.79510	0.82182	0.78659	0.77064					
	0.74831						AVRG		0.76525		5.74609

*All weighted linear are 1/x²

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.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	1.14565	1.08329	1.20126	1.20198	1.13145	1.12656					
	1.04660						AVRG		1.13382		5.03485
8 Ethoprop	150814	267910	555560	1095403	1622717	2051405					
	2583304						WLINR	-0.08621	0.93634		0.99376
9 Naled	12427	47634	159760	373106	617906	787967					
	1131291						QUAD	0.08493	2.59831	-0.16856	0.99915
10 Sulfotepp	1.76900	1.56005	1.81850	1.75939	1.64614	1.63203					
	1.51002						AVRG		1.67073		6.89125
11 Phorate	1.08434	0.83104	0.84616	0.84084	0.79408	0.78203					
	0.73702						AVRG		0.84507		13.29300
12 Demeton-S	0.62408	0.72296	0.82414	0.81846	0.80405	0.81520					
	0.76672						AVRG		0.76794		9.50535
13 Simazine	6499	15934	82213	217050	364617	492868					
	674577						LINR	0.14352	0.25284		0.99829

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.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 / Propazine	0.45307	0.43687	0.46450	0.46986	0.45749	0.47026					
	0.46112						AVRG		0.45903		2.52599
15 Dimethoate	62417	178809	484895	1037511	1616390	2052825					
	2698083						WLINR	0.03026	1.00403		0.99496
16 Diazinon	1.12790	0.98078	1.05404	1.02017	0.94993	0.93374					
	0.87260						AVRG		0.99131		8.50540
17 Disulfoton	1.04034	0.96498	1.05301	1.04708	0.99340	0.98440					
	0.92562						AVRG		1.00126		4.77046
18 Methyl Parathion	40092	130034	351856	753320	1163940	1488025					
	1936768						WLINR	0.04327	0.99949		0.99615
19 Ronnel	1.29240	1.09578	1.15751	1.15464	1.14108	1.15310					
	1.09180						AVRG		1.15519		5.76214
20 Malathion	52293	150756	354820	728530	1103657	1406900					
	1824966						WLINR	0.01814	0.94549		0.99782

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INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.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	Coefficients m1	Coefficients m2	%RSD or R^2
21 Chlorpyrifos	60489 / 2210724	169871	394413	832490	1290170	1671357	WLINR	0.02011	1.09999		0.99883
22 Trichloronate	66017 / 2890038	196799	455989	1021736	1622974	2093978	WLINR	0.03235	1.38094		0.99763
23 Parathion	66767 / 2140679	175066	440954	893471	1339063	1741701	QUAD	0.06563	0.65024	0.10357	0.99479
24 Fenthion	89878 / 2341329	206817	455004	922040	1408001	1789955	WLINR	-0.01244	1.16987		0.99827
25 Merphos-A (Merphos)	23197 / 1728719	104851	277563	631476	1003697	1339983	WLINR	0.06365	0.87639		0.99746
26 Anilazine	3273 / 195793	10789	27039	64885	101616	129151	WLINR	0.06368	0.09179		0.99697
27 Tetrachlorvinphos (stirophos)	35965 / 1682420	97796	256768	576694	925221	1220938	WLINR	0.03907	0.79183		0.99222

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INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
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Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.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 Tokuthion	1.22601	1.12742	1.27127	1.32225	1.30944	1.33086					
	1.26727						AVRG		1.26493		5.59788
29 Merphos-B (Merphos oxone)	58022	96740	174313	293170	395538	439795					
	547067						QUAD	0.06477	0.52377	4.80248	0.99795
30 Carbophenothion methyl	0.75736	0.75717	0.89847	0.94809	0.94520	0.96010					
	0.92358						AVRG		0.88428		10.06653
31 Fensulfothion	31957	101238	280688	603115	932760	1195644					
	1541611						WLINR	0.04406	0.79919		0.99507
32 Bolstar	1.35003	1.19068	1.27553	1.24212	1.18136	1.16644					
	1.06951						AVRG		1.21081		7.36840
33 Carbophenothion	0.99270	0.91157	1.03031	1.05279	1.04016	1.05422					
	1.00258						AVRG		1.01205		4.96052
34 Famphur	0.81755	0.80571	0.96709	1.00392	0.96583	0.98385					
	0.92956						AVRG		0.92479		8.70957

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.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 EPN	1.02676	0.93500	1.04721	1.04625	0.99870	0.98619					
		0.90816						AVRG		0.99261		5.44915
	37 Phosmet	42368	114720	302493	636769	974935	1249688					
		1655568						WLINR	0.02810	0.83340		0.99564
	39 Azinphos-methyl	37094	89923	240868	524807	823806	1072140					
		1429834						WLINR	0.02728	0.69625		0.99187
	40 Azinphos-ethyl	0.69495	0.65912	0.76659	0.77776	0.74616	0.73804					
		0.69568						AVRG		0.72547		5.96411
	41 Coumaphos	37102	91236	236130	504566	780746	1021332					
		1373774						WLINR	0.02252	0.66605		0.99432
M	42 Total Demeton	56597	167552	404997	836927	1295869	1672111					
		2162260						WLINR	0.02537	1.10859		0.99819
M	43 Merphos	81219	201591	451876	924646	1399235	1779778					
		2275786						WLINR	-0.00193	1.17315		0.99761

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.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	118440	285008	643087	1328045	2008587	2624051					
	3329933						LINR	-0.03570	1.20195		0.99676
$ 35 Triphenyl phosphate	0.91508	0.82368	0.91619	0.91274	0.86631	0.85066					
	0.77349						AVRG		0.86545		6.27482

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.i

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Linear	Amt = b + 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: 07-Aug-2009 13:44

Calibration History

Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Start Cal Date: 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Last Cal Level: 1
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 0.20000		
06-AUG-2009 18:34	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\009F0901.D
Cal Level: 2 , Cal Amount: 0.50000		
06-AUG-2009 17:58	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\008F0801.D
Cal Level: 3 , Cal Amount: 1.00000		
06-AUG-2009 17:21	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\007F0701.D
Cal Level: 4 , Cal Amount: 2.00000		
06-AUG-2009 16:45	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\006F0601.D
Cal Level: 5 , Cal Amount: 3.00000		
06-AUG-2009 16:08	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\005F0501.D
Cal Level: 6 , Cal Amount: 4.00000		
06-AUG-2009 15:32	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\004F0401.D
Cal Level: 7 , Cal Amount: 5.00000		
06-AUG-2009 14:56	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\003F0301.D

Continuing Calibration

Ccal Level Mode: BY SAMPLE

06-AUG-2009 19:10	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\010F1001.D
06-AUG-2009 16:45	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\006F0601.D

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/010F1001.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

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

Injection Date: 06-AUG-2009 19:10
Lab Sample ID: 8141 SS GSV87609
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.0000	2.2402	12.0	15.0	
2	Dichlorvos	2.0000	2.0361	1.8	15.0	
3	Mevinphos	2.0000	1.5564	22.2	15.0	<-
4	Chlormefos	2.0000	1.7365	13.2	15.0	
5	Thionazin	2.0000	2.2350	11.8	15.0	
6	Demeton-O	0.6500	2.0253	211.6	15.0	<- ok, see total demeton
7	Ethoprop	2.0000	1.9936	0.3	15.0	
8	Naled	2.0000	1.7057	14.7	15.0	
9	Sulfotepp	2.0000	1.9680	1.6	15.0	
10	Phorate	2.0000	1.6336	18.3	15.0	<-
11	Dimethoate	2.0000	2.1822	9.1	15.0	
12	Demeton-S	1.3600	0.2056	84.9	15.0	<- ok, see total demeton
13	Simazine	2.0000	2.4694	23.5	15.0	<-
14	Atrazine	2.0000	2.1611	8.1	15.0	
15	propazine	2.0000	2.1931	9.7	15.0	
17	Disulfoton	2.0000	1.9744	1.3	15.0	
16	Diazinon	2.0000	1.8671	6.6	15.0	
18	Methyl Parathion	2.0000	1.9703	1.5	15.0	
19	Ronnel	2.0000	2.0637	3.2	15.0	
20	Malathion	2.0000	1.9362	3.2	15.0	
21	Fenthion	2.0000	1.9060	4.7	15.0	
22	Parathion	2.0000	2.0598	3.0	15.0	
23	Chlorpyrifos	2.0000	1.9775	1.1	15.0	
24	Trichloronate	2.0000	1.8094	9.5	15.0	
25	Anilazine	2.0000	1.2499	37.5	15.0	<-
148	Merphos-A (Merphos)	2.0000	0.2980	85.1	999.0	
26	Tetrachlorvinphos (Stirophos)	2.0000	1.8887	5.6	15.0	
28	Tokuthion	2.0000	1.9432	2.8	15.0	
149	Merphos-B (Merphos Oxone)	2.0000	11.8778	493.9	999.0	
29	Carbophenothion-methyl	2.0000	1.3305	33.5	15.0	<-
29	Fensulfothion	2.0000	1.9661	1.7	15.0	
30	Bolstar / Famphur	4.0000	4.2423	6.1	15.0	
32	Carbophenothion	2.0000	2.1165	5.8	15.0	
31	Triphenyl phosphate	2.0000	1.8485	7.6	15.0	
34	Phosmet	2.0000	2.2723	13.6	15.0	
32	EPN	2.0000	2.2096	10.5	15.0	
33	Azinphos-methyl	2.0000	1.8506	7.5	15.0	
38	Azinphos-ethyl	2.0000	2.0552	2.8	15.0	
36	Coumaphos	2.0000	1.9367	3.2	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/010F1001.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

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

Injection Date: 06-AUG-2009 19:10
Lab Sample ID: 8141 SS GSV87609
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
40 Total Demeton	2.0000	2.2310	11.5	15.0
27 Merphos	2.0000	1.8981	5.1	15.0

Average %D = 29.5

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B/010F1001.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

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

Injection Date: 06-AUG-2009 19:10
Lab Sample ID: 8141 SS GSV87609
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.0000	2.1425	7.1	15.0	
2	Dichlorvos	2.0000	1.9878	0.6	15.0	
3	Chlormefos	2.0000	1.6927	15.4	15.0	<- OK
4	Mevinphos	2.0000	1.5781	21.1	15.0	<-
5	Demeton-O	0.6500	2.0683	218.2	15.0	<- ok, see total demeton
6	Thionazin	2.0000	2.2135	10.7	15.0	
7	Ethoprop	2.0000	1.9677	1.6	15.0	
10	Naled	2.0000	1.6813	15.9	15.0	<-
145	Sulfotepp	2.0000	1.8424	7.9	15.0	
8	Phorate	2.0000	1.6013	19.9	15.0	<-
15	Demeton-S	1.3600	0.0935	93.1	15.0	<- ok, see total demeton
10	Simazine	2.0000	2.7702	38.5	15.0	<-
13	Atrazine / Propazine	4.0000	4.2316	5.8	15.0	
16	Dimethoate	2.0000	2.1608	8.0	15.0	
11	Diazinon	2.0000	1.8234	8.8	15.0	
14	Disulfoton	2.0000	1.9546	2.3	15.0	
23	Methyl Parathion	2.0000	1.9650	1.7	15.0	
17	Ronnel	2.0000	1.9361	3.2	15.0	
24	Malathion	2.0000	1.8572	7.1	15.0	
18	Chlorpyrifos	2.0000	1.9742	1.3	15.0	
20	Trichloronate	2.0000	1.7303	13.5	15.0	
26	Parathion	2.0000	2.0441	2.2	15.0	
19	Fenthion	2.0000	1.9107	4.5	15.0	
151	Merphos-A (Merphos)	2.0000	0.2815	85.9	999.0	
21	Anilazine	2.0000	0.8232	58.8	15.0	<-
27	Tetrachlorvinphos (stirophos)	2.0000	1.8642	6.8	15.0	
25	Tokuthion	2.0000	1.9613	1.9	15.0	
148	Merphos-B (Merphos oxone)	2.0000	11.9171	495.9	999.0	
28	Carbophenothion methyl	2.0000	1.3477	32.6	15.0	<-
30	Fensulfothion	2.0000	1.9468	2.7	15.0	
28	Bolstar	2.0000	1.9885	0.6	15.0	
30	Carbophenothion	2.0000	2.1111	5.6	15.0	
33	Famphur	2.0000	2.2821	14.1	15.0	
29	Triphenyl phosphate	2.0000	1.7892	10.5	15.0	
32	EPN	2.0000	2.1924	9.6	15.0	
34	Phosmet	2.0000	2.2747	13.7	15.0	
34	Azinphos-methyl	2.0000	1.8178	9.1	15.0	
35	Azinphos-ethyl	2.0000	2.1653	8.3	15.0	
36	Coumaphos	2.0000	1.8960	5.2	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B/010F1001.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

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

Injection Date: 06-AUG-2009 19:10
Lab Sample ID: 8141 SS GSV87609
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
40 Total Demeton	2.0000	2.1617	8.1	15.0
22 Merphos	2.0000	1.9093	4.5	15.0

Average %D = 31.3

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B/014F1401.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 014F1401.D
Analysis Type: NONE

Injection Date: 08-AUG-2009 23:23
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\080

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.2128	11.5	15.0	
2	Dichlorvos	2.5000	2.5276	1.1	15.0	
3	Mevinphos	2.5000	2.8018	12.1	15.0	
4	Chlormefos	2.5000	2.0916	16.3	15.0	<-
5	Thionazin	2.5000	2.3419	6.3	15.0	
6	Demeton-O	0.8125	0.7511	7.6	15.0	
7	Ethoprop	2.5000	2.2861	8.6	15.0	
8	Naled	2.5000	2.1391	14.4	15.0	
9	Sulfotepp	2.5000	2.3011	8.0	15.0	
10	Phorate	2.5000	2.2554	9.8	15.0	
11	Dimethoate	2.5000	2.4198	3.2	15.0	
12	Demeton-S	1.7000	1.6243	4.5	15.0	
13	Simazine	2.5000	2.0177	19.3	15.0	<-
14	Atrazine	2.5000	2.1579	13.7	15.0	
15	propazine	2.5000	2.2089	11.6	15.0	
17	Disulfoton	2.5000	2.2371	10.5	15.0	
16	Diazinon	2.5000	2.2829	8.7	15.0	
18	Methyl Parathion	2.5000	2.2743	9.0	15.0	
19	Ronnel	2.5000	2.3487	6.1	15.0	
20	Malathion	2.5000	2.2704	9.2	15.0	
21	Fenthion	2.5000	2.2475	10.1	15.0	
22	Parathion	2.5000	2.2423	10.3	15.0	
23	Chlorpyrifos	2.5000	2.2525	9.9	15.0	
24	Trichloronate	2.5000	2.2532	9.9	15.0	
25	Anilazine	2.5000	1.4745	41.0	15.0	<-
148	Merphos-A (Merphos)	2.5000	1.2687	49.3	999.0	
26	Tetrachlorvinphos (Stirophos)	2.5000	2.1917	12.3	15.0	
28	Tokuthion	2.5000	2.2618	9.5	15.0	
149	Merphos-B (Merphos Oxone)	2.5000	8.0351	221.4	999.0	
29	Carbophenothion-methyl	2.5000	2.3087	7.7	15.0	
29	Fensulfothion	2.5000	2.3701	5.2	15.0	
30	Bolstar / Famphur	5.0000	4.4478	11.0	15.0	
32	Carbophenothion	2.5000	2.3209	7.2	15.0	
31	Triphenyl phosphate	2.5000	2.3218	7.1	15.0	
34	Phosmet	2.5000	2.2416	10.3	15.0	
32	EPN	2.5000	2.2183	11.3	15.0	
33	Azinphos-methyl	2.5000	2.3151	7.4	15.0	
38	Azinphos-ethyl	2.5000	2.2157	11.4	15.0	
36	Coumaphos	2.5000	2.1997	12.0	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B/014F1401.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 014F1401.D
Analysis Type: NONE

Injection Date: 08-AUG-2009 23:23
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\080

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
40 Total Demeton	2.5000	2.3754	5.0	15.0
27 Merphos	2.5000	2.2853	8.6	15.0

Average %D = 16.3

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B/014F1401.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 014F1401.D
Analysis Type: NONE

Injection Date: 08-AUG-2009 23:23
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\080

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.1868	12.5	15.0	
2	Dichlorvos	2.5000	2.7628	10.5	15.0	
3	Chlormefos	2.5000	2.3755	5.0	15.0	
4	Mevinphos	2.5000	2.6791	7.2	15.0	
5	Demeton-O	0.8125	0.7680	5.5	15.0	
6	Thionazin	2.5000	2.3764	4.9	15.0	
7	Ethoprop	2.5000	2.3882	4.5	15.0	
10	Naled	2.5000	2.2953	8.2	15.0	
145	Sulfotepp	2.5000	2.2052	11.8	15.0	
8	Phorate	2.5000	2.2321	10.7	15.0	
15	Demeton-S	1.7000	1.6723	1.6	15.0	
10	Simazine	2.5000	2.2133	11.5	15.0	
13	Atrazine / Propazine	5.0000	4.3962	12.1	15.0	
16	Dimethoate	2.5000	2.4181	3.3	15.0	
11	Diazinon	2.5000	2.1447	14.2	15.0	
14	Disulfoton	2.5000	2.2378	10.5	15.0	
23	Methyl Parathion	2.5000	2.4987	0.1	15.0	
17	Ronnel	2.5000	2.3450	6.2	15.0	
24	Malathion	2.5000	2.2226	11.1	15.0	
18	Chlorpyrifos	2.5000	2.3673	5.3	15.0	
20	Trichloronate	2.5000	2.2413	10.3	15.0	
26	Parathion	2.5000	2.2233	11.1	15.0	
19	Fenthion	2.5000	2.3664	5.3	15.0	
151	Merphos-A (Merphos)	2.5000	1.2589	49.6	999.0	
21	Anilazine	2.5000	0.4809	80.8	15.0	<-
27	Tetrachlorvinphos (stirophos)	2.5000	2.2731	9.1	15.0	
25	Tokuthion	2.5000	2.3139	7.4	15.0	
148	Merphos-B (Merphos oxone)	2.5000	8.1359	225.4	999.0	
28	Carbophenothion methyl	2.5000	2.4807	0.8	15.0	
30	Fensulfothion	2.5000	2.3603	5.6	15.0	
28	Bolstar	2.5000	2.1824	12.7	15.0	
30	Carbophenothion	2.5000	2.3765	4.9	15.0	
33	Famphur	2.5000	2.4371	2.5	15.0	
29	Triphenyl phosphate	2.5000	2.2628	9.5	15.0	
32	EPN	2.5000	2.2673	9.3	15.0	
34	Phosmet	2.5000	2.2372	10.5	15.0	
34	Azinphos-methyl	2.5000	2.3827	4.7	15.0	
35	Azinphos-ethyl	2.5000	2.3625	5.5	15.0	
36	Coumaphos	2.5000	2.1682	13.3	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B/014F1401.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 014F1401.D
Analysis Type: NONE

Injection Date: 08-AUG-2009 23:23
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\080

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
40 Total Demeton	2.5000	2.4403	2.4	15.0
22 Merphos	2.5000	2.3078	7.7	15.0

Average %D = 15.7

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B/031F3101.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 031F3101.D
Analysis Type: NONE

Injection Date: 09-AUG-2009 09:41
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\080

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.2258	11.0	15.0	
2	Dichlorvos	2.5000	2.7870	11.5	15.0	
3	Mevinphos	2.5000	2.7443	9.8	15.0	
4	Chlormefos	2.5000	2.0479	18.1	15.0	<-
5	Thionazin	2.5000	2.3435	6.3	15.0	
6	Demeton-O	0.8125	0.7897	2.8	15.0	
7	Ethoprop	2.5000	2.3220	7.1	15.0	
8	Naled	2.5000	1.9523	21.9	15.0	<-
9	Sulfotepp	2.5000	2.2640	9.4	15.0	
10	Phorate	2.5000	2.2807	8.8	15.0	
11	Dimethoate	2.5000	2.4396	2.4	15.0	
12	Demeton-S	1.7000	1.6288	4.2	15.0	
13	Simazine	2.5000	2.3033	7.9	15.0	
14	Atrazine	2.5000	2.2355	10.6	15.0	
15	propazine	2.5000	2.3108	7.6	15.0	
17	Disulfoton	2.5000	2.2697	9.2	15.0	
16	Diazinon	2.5000	2.4458	2.2	15.0	
18	Methyl Parathion	2.5000	2.3951	4.2	15.0	
19	Ronnel	2.5000	2.3906	4.4	15.0	
20	Malathion	2.5000	2.4038	3.8	15.0	
21	Fenthion	2.5000	2.3642	5.4	15.0	
22	Parathion	2.5000	2.3705	5.2	15.0	
23	Chlorpyrifos	2.5000	2.3100	7.6	15.0	
24	Trichloronate	2.5000	2.3144	7.4	15.0	
25	Anilazine	2.5000	1.5045	39.8	15.0	<-
148	Merphos-A (Merphos)	2.5000	0.6130	75.5	999.0	
26	Tetrachlorvinphos (Stirophos)	2.5000	2.2778	8.9	15.0	
28	Tokuthion	2.5000	2.3012	8.0	15.0	
149	Merphos-B (Merphos Oxone)	2.5000	9.1868	267.5	999.0	
29	Carbophenothion-methyl	2.5000	2.3650	5.4	15.0	
29	Fensulfothion	2.5000	2.4549	1.8	15.0	
30	Bolstar / Famphur	5.0000	4.6225	7.5	15.0	
32	Carbophenothion	2.5000	2.3569	5.7	15.0	
31	Triphenyl phosphate	2.5000	2.4113	3.5	15.0	
34	Phosmet	2.5000	2.3251	7.0	15.0	
32	EPN	2.5000	2.2961	8.2	15.0	
33	Azinphos-methyl	2.5000	2.4104	3.6	15.0	
38	Azinphos-ethyl	2.5000	2.3407	6.4	15.0	
36	Coumaphos	2.5000	2.3321	6.7	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B/031F3101.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 031F3101.D
Analysis Type: NONE

Injection Date: 09-AUG-2009 09:41
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\080

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
40 Total Demeton	2.5000	2.4185	3.3	15.0	
27 Merphos	2.5000	1.9052	23.8	15.0	<-

Average %D = 16.4

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B/031F3101.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 031F3101.D
Analysis Type: NONE

Injection Date: 09-AUG-2009 09:41
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\080

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.1948	12.2	15.0	
2	Dichlorvos	2.5000	3.0343	21.4	15.0	<-
3	Chlormefos	2.5000	2.2956	8.2	15.0	
4	Mevinphos	2.5000	2.7154	8.6	15.0	
5	Demeton-O	0.8125	0.7742	4.7	15.0	
6	Thionazin	2.5000	2.3959	4.2	15.0	
7	Ethoprop	2.5000	2.4346	2.6	15.0	
10	Naled	2.5000	2.0025	19.9	15.0	<-
145	Sulfotepp	2.5000	2.2144	11.4	15.0	
8	Phorate	2.5000	2.2619	9.5	15.0	
15	Demeton-S	1.7000	1.6662	2.0	15.0	
10	Simazine	2.5000	2.1943	12.2	15.0	
13	Atrazine / Propazine	5.0000	4.5293	9.4	15.0	
16	Dimethoate	2.5000	2.4449	2.2	15.0	
11	Diazinon	2.5000	2.2232	11.1	15.0	
14	Disulfoton	2.5000	2.2446	10.2	15.0	
23	Methyl Parathion	2.5000	2.5244	1.0	15.0	
17	Ronnel	2.5000	2.3201	7.2	15.0	
24	Malathion	2.5000	2.2455	10.2	15.0	
18	Chlorpyrifos	2.5000	2.3252	7.0	15.0	
20	Trichloronate	2.5000	2.1289	14.8	15.0	
26	Parathion	2.5000	2.2843	8.6	15.0	
19	Fenthion	2.5000	2.4066	3.7	15.0	
151	Merphos-A (Merphos)	2.5000	1.0970	56.1	999.0	
21	Anilazine	2.5000	0.5874	76.5	15.0	<-
27	Tetrachlorvinphos (stirophos)	2.5000	2.2471	10.1	15.0	
25	Tokuthion	2.5000	2.2469	10.1	15.0	
148	Merphos-B (Merphos oxone)	2.5000	10.0626	302.5	999.0	
28	Carbophenothion methyl	2.5000	2.5167	0.7	15.0	
30	Fensulfothion	2.5000	2.3383	6.5	15.0	
28	Bolstar	2.5000	2.2277	10.9	15.0	
30	Carbophenothion	2.5000	2.3228	7.1	15.0	
33	Famphur	2.5000	2.4400	2.4	15.0	
29	Triphenyl phosphate	2.5000	2.3228	7.1	15.0	
32	EPN	2.5000	2.3319	6.7	15.0	
34	Phosmet	2.5000	2.2755	9.0	15.0	
34	Azinphos-methyl	2.5000	2.4504	2.0	15.0	
35	Azinphos-ethyl	2.5000	2.4370	2.5	15.0	
36	Coumaphos	2.5000	2.2424	10.3	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B/031F3101.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 031F3101.D
Analysis Type: NONE

Injection Date: 09-AUG-2009 09:41
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\080

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
40 Total Demeton	2.5000	2.4404	2.4	15.0
22 Merphos	2.5000	2.3638	5.4	15.0

Average %D = 17.8

Sequence: C:\HPCHEM\2\SEQUENCE\D080609.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	8141 L7 GSV82609				
4	Vial 4	8141 L6 GSV87009				
5	Vial 5	8141 L5 GSV87109				
6	Vial 6	8141 L4 GSV87209				
7	Vial 7	8141 L3 GSV87309				
8	Vial 8	8141 L2 GSV87409				
9	Vial 9	8141 L1 GSV87509				
10	Vial 10	8141 SS GSV87609				
11	Vial 11	GSV0893-09 SURR				
12	Vial 12	GSV0883-09 SPK				
13	Vial 13	LG1WM1AA,MB				
14	Vial 14	LG1WM1AC,LCS				
15	Vial 15	LG1WM1AD,LCSD				
16	Vial 16	LGX0F1AE,167-1				
17	Vial 17	LGX1P1AN,167-2				
18	Vial 18	LG34K1AA,MB				
19	Vial 19	LG34K1AC,LCS				
20	Vial 20	LG34K1AD,LCSD				
21	Vial 21	LG2X51AA,280-1				
22	Vial 22	LG20H1AA,280-2				
23	Vial 23	LG20J1AA,280-3				
24	Vial 24	LG20L1AA,280-4				
25	Vial 25	LG20N1AA,280-5				
26	Vial 26	LG29G1AA,313-1				
27	Vial 27	LG3WP1AA,149-1				
28	Vial 28	LG3XR1AA,158-1				
29	Vial 29	8141 CCV GSV861				
30	Vial 30	LHA0K1AA,MB				
31	Vial 31	LHA0K1AC,LCS				
32	Vial 32	LHA0K1AD,LCSD				
33	Vial 33	LG7XK1AA,180-1				
34	Vial 34	LG7XP1AA,180-2				
35	Vial 35	LG7XQ1AA,180-3				
36	Vial 36	LG7XQ1AC,180-3S				
37	Vial 37	LG7XQ1AD,180-3D				
38	Vial 38	LG7XW1AA,180-4				
39	Vial 39	LG70G1AA,185-1				
40	Vial 40	LHA0P1AA,MB				
41	Vial 41	LHA0P1AC,LCS				
42	Vial 42	LHA0P1AD,LCSD				
43	Vial 43	LG7N31CC,159-1				
44	Vial 44	LG48D1AA,MB				
45	Vial 45	LG48D1AC,LCS				
46	Vial 46	LG48D1AD,LCSD				
47	Vial 47	LG3F51AD,333-9				
48	Vial 48	LG4761AA,MB				
49	Vial 49	LG4761AC,LCS				
50	Vial 50	LG4761AD,LCSD				
51	Vial 51	LG4XL1AA,133-1				
52	Vial 52	8141 CCV GSV861				
53	Vial 53	LG8X21AA,MB				
54	Vial 54	LG8X21AC,LCS				
55	Vial 55	LG8X21AD,LCSD				
56	Vial 56	LG1TK1AA,108-21				
57	Vial 57	LG8TT1AA,MB				
58	Vial 58	LG8TT1AC,LCS				
59	Vial 59	LG2971AA,314-1				

9205278

9206117

9211421

9211426

9208406

9208402

9210504

Sequence: C:\HPCHEM\2\SEQUENCE\D080609.S

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
60	Vial 60	LG3AD1AA,314-2				
61	Vial 61	LG3VM1AA,139-1				
62	Vial 62	LG3VM1AD,139-1S				
63	Vial 63	LG3VM1AE,139-1D				
64	Vial 64	LG3VP1AA,139-2				
65	Vial 65	LG3VR1AA,139-3				
66	Vial 66	8141 CCV GSV861				
67	Vial 67	LG3W11AA,150-1				
68	Vial 68	LG3W21AA,150-2				
69	Vial 69	LG3W31AA,150-3				
70	Vial 70	LG3W51AA,150-4				
71	Vial 71	LHFXR1AA,MB				
72	Vial 72	LHFXR1AC,LCS				
73	Vial 73	LGN2D1CQ,316-5S				
74	Vial 74	LGN2D1CR,316-5D				
75	Vial 75	LGN2D2CN,316-5				
76	Vial 76	LGN2J2CN,316-10				
77	Vial 77	8141 CCV GSV861				
78	Vial 2	HEXANE/ACETONE				

Sequence Table (Back Injector):

No entries - empty table!

Sequence: C:\HPCHEM\2\SEQUENCE\D080809.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	8141 CCV GSV861				
4	Vial 4	LG34C1AA,MB				
5	Vial 5	LGW541AA,293-1				
6	Vial 6	LGW551AA,293-2				
7	Vial 7	LGW561AA,293-3				
8	Vial 8	LGW571AA,293-4				
9	Vial 9	LG8TE1AA,MB				
10	Vial 10	LGW581AA,293-5				
11	Vial 11	LGW591AA,293-6				
12	Vial 12	LGW6A1AA,293-7				
13	Vial 13	LGW6C1AA,293-8				
14	Vial 14	8141 CCV GSV861				
15	Vial 15	LHF291AA,MB				
16	Vial 16	LHF291AC,LCS				
17	Vial 17	LHF291AD,LCSD				
18	Vial 18	LG7QW1AA,166-1				
19	Vial 19	LHCVW1AA,166-2				
20	Vial 20	LHCX51AA,185-1				
21	Vial 21	LHF3A1AA,MB				
22	Vial 22	LHF3A1AC,LCS				
23	Vial 23	LHF3A1AD,LCSD				
24	Vial 24	LHC3A1AA,193-1				
25	Vial 25	LHC3E1AA,193-2				
26	Vial 26	LHC3G1AA,193-3				
27	Vial 27	LHC3J1AA,193-4				
28	Vial 28	LHC3M1AA,193-5				
29	Vial 29	LHC3P1AA,193-6				
30	Vial 30	LHC3Q1AA,193-7				
31	Vial 31	8141 CCV GSV861				
32	Vial 32	LHKE31AA,MB				
33	Vial 33	LHK3E1AC,LCS				
34	Vial 34	LHK3E1AD,LCSD				
35	Vial 35	LHHN71AA,268-1				
36	Vial 36	LHHN81AA,268-2				
37	Vial 37	LHHN91AA,268-3				
38	Vial 38	LHHPA1AA,268-4				
39	Vial 39	LHHPC1AA,268-5				
40	Vial 40	LHHPD1AA,268-6				
41	Vial 41	LHHPE1AA,268-7				
42	Vial 42	LHHPF1AA,268-8				
43	Vial 43	LHK3A1AA,MB				
44	Vial 44	LHK3A1AC,LCS				
45	Vial 45	LHK3A1AD,LCSD				
46	Vial 46	LHG7R1AA,197-1				
47	Vial 47	LHJ511AA,234-1				
48	Vial 48	8141 CCV GSV861				
49	Vial 49	LHFXQ1AA,MB				
50	Vial 50	LHFXQ1AC,LCS				
51	Vial 51	LHA071AA,332-1				
52	Vial 52	LHA071AD,332-1S				
53	Vial 53	LHA071AE,332-1D				
54	Vial 54	LHA081AA,332-2				
55	Vial 55	LHC041AA,187-1				
56	Vial 56	LHC1K1AA,187-2				
57	Vial 57	8141 CCV GSV861				
58	Vial 58	8141 L1 GSV862				
59	Vial 59	LG2M71AA,MB				

Sequence: C:\HPCHEM\2\SEQUENCE\D080809.S

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
60	Vial 60	LG2M71AC,LCS				
61	Vial 61	LGQ171AQ,204-2				
62	Vial 62	LGQ171D0,204-2S				
63	Vial 63	LGQ171D1,204-2D				
64	Vial 64	LGQ2E1AQ,204-7				
65	Vial 65	LGQ2F1AQ,204-8				
66	Vial 66	LGQ2G1AQ,204-9				
67	Vial 67	LGQ2H1AQ,204-10				
68	Vial 68	LGQ2J1AQ,204-11				
69	Vial 69	8141 CCV GSV861				
70	Vial 70	LGQ2K1AQ,204-12				
71	Vial 71	LGQ2L1AQ,204-13				
72	Vial 72	LGQ2M1AQ,204-14				
73	Vial 73	LGQ2N1AQ,204-15				
74	Vial 74	LGT191AT,319-17				
75	Vial 75	LGT2A1A5,319-18				
76	Vial 76	LGT2C1A5,319-19				
77	Vial 77	LGT2D1AG,319-20				
78	Vial 78	LGT2F1AG,319-22				
79	Vial 79	8141 CCV GSV861				
80	Vial 80	8141 L1 GSV862				
81	Vial 2	HEXANE/ACETONE				

205387

Sequence Table (Back Injector):

No entries - empty table!

TestAmerica

Semivolatile GC

CLP-Like Forms

Lot ID: D9G310187

Client: Northgate/Tronox

Method: SW846 8141A

Associated Samples: 001 and 002

Batch: 9215329

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	SA73-0.5B
Lot/SDG Number:	8304620	**Lab Sample ID:**	D9G310187-001
Matrix:	SOLID	**Lab WorkOrder:**	LHC041AA
% Moisture:	7.8	**Date/Time Collected:**	07/29/09 08:44
Basis:	Dry	**Date/Time Received:**	07/31/09 08:45
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	08/03/09 17:00
QC Batch ID:	9215329	**Date/Time Analyzed:**	08/10/09 00:15
Sample Aliquot:	29.15 g	**Instrument ID:**	D
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
86-50-0	Azinphos-methyl	3.8	3.8	14	U
35400-43-2	Bolstar	4.6	4.6	14	U
2921-88-2	Chlorpyrifos	7.0	7.0	22	U
56-72-4	Coumaphos	3.0	3.0	14	U
298-03-3	Demeton-O	5.7	5.7	42	U
126-75-0	Demeton-S	5.3	5.3	16	U
333-41-5	Diazinon	7.9	7.9	24	U
62-73-7	Dichlorvos	8.0	8.0	25	U
60-51-5	Dimethoate	7.7	7.7	24	U
298-04-4	Disulfoton	8.4	8.4	52	U
2104-64-5	EPN	4.0	4.0	14	U
13194-48-4	Ethoprop	5.3	5.3	16	U
56-38-2	Ethyl parathion	5.7	5.7	20	U
52-85-7	Famphur	3.5	3.5	14	U
115-90-2	Fensulfothion	8.8	8.8	27	U
55-38-9	Fenthion	9.5	9.5	36	U
121-75-5	Malathion	5.0	5.0	16	U
150-50-5	Merphos	5.6	5.6	33	U
298-00-0	Methyl parathion	6.9	6.9	22	U
7786-34-7	Mevinphos	5.0	5.0	16	U
300-76-5	Naled	25	25	76	U
298-02-2	Phorate	6.2	6.2	22	U
299-84-3	Ronnel	16	16	50	U
3689-24-5	Sulfotepp	6.8	6.8	22	U
961-11-5	Tetrachlorvinphos (Stirophos)	4.7	4.7	16	U

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	SA73-0.5B
Lot/SDG Number:	8304620	**Lab Sample ID:**	D9G310187-001
Matrix:	SOLID	**Lab WorkOrder:**	LHC041AA
% Moisture:	7.8	**Date/Time Collected:**	07/29/09 08:44
Basis:	Dry	**Date/Time Received:**	07/31/09 08:45
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	08/03/09 17:00
QC Batch ID:	9215329	**Date/Time Analyzed:**	08/10/09 00:15
Sample Aliquot:	29.15 g	**Instrument ID:**	D
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
297-97-2	Thionazin	6.0	6.0	20	U
34643-46-4	Tokuthion	4.2	4.2	22	U
327-98-0	Trichloronate	6.8	6.8	22	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
115-86-6	Triphenyl phosphate	100	47	161	
24934-91-6	Chlormefos	58	42	132	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	SA73-30B
Lot/SDG Number:	8304620	**Lab Sample ID:**	D9G310187-002
Matrix:	SOLID	**Lab WorkOrder:**	LHC1K1AA
% Moisture:	19	**Date/Time Collected:**	07/29/09 10:18
Basis:	Dry	**Date/Time Received:**	07/31/09 08:45
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	08/03/09 17:00
QC Batch ID:	9215329	**Date/Time Analyzed:**	08/10/09 00:52
Sample Aliquot:	28.9 g	**Instrument ID:**	D
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
86-50-0	Azinphos-methyl	4.3	4.3	16	U
35400-43-2	Bolstar	5.2	5.2	16	U
2921-88-2	Chlorpyrifos	8.0	8.0	25	U
56-72-4	Coumaphos	3.5	3.5	16	U
298-03-3	Demeton-O	6.5	6.5	48	U
126-75-0	Demeton-S	6.0	6.0	19	U
333-41-5	Diazinon	9.0	9.0	27	U
62-73-7	Dichlorvos	9.2	9.2	28	U
60-51-5	Dimethoate	8.8	8.8	27	U
298-04-4	Disulfoton	9.6	9.6	59	U
2104-64-5	EPN	4.6	4.6	16	U
13194-48-4	Ethoprop	6.1	6.1	19	U
56-38-2	Ethyl parathion	6.5	6.5	22	U
52-85-7	Famphur	4.0	4.0	16	U
115-90-2	Fensulfothion	10	10	31	U
55-38-9	Fenthion	11	11	41	U
121-75-5	Malathion	5.7	5.7	19	U
150-50-5	Merphos	6.4	6.4	37	U
298-00-0	Methyl parathion	7.9	7.9	25	U
7786-34-7	Mevinphos	5.7	5.7	19	U
300-76-5	Naled	28	28	87	U
298-02-2	Phorate	7.1	7.1	25	U
299-84-3	Ronnel	19	19	57	U
3689-24-5	Sulfotepp	7.7	7.7	25	U
961-11-5	Tetrachlorvinphos (Stirophos)	5.4	5.4	19	U

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	SA73-30B
Lot/SDG Number:	8304620	**Lab Sample ID:**	D9G310187-002
Matrix:	SOLID	**Lab WorkOrder:**	LHC1K1AA
% Moisture:	19	**Date/Time Collected:**	07/29/09 10:18
Basis:	Dry	**Date/Time Received:**	07/31/09 08:45
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	08/03/09 17:00
QC Batch ID:	9215329	**Date/Time Analyzed:**	08/10/09 00:52
Sample Aliquot:	28.9 g	**Instrument ID:**	D
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
297-97-2	Thionazin	6.9	6.9	22	U
34643-46-4	Tokuthion	4.8	4.8	25	U
327-98-0	Trichloronate	7.7	7.7	25	U

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
115-86-6	Triphenyl phosphate	116	47	161	
24934-91-6	Chlormefos	66	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:	8304620	**Lab Sample ID:**	D9H030000-329B
Matrix:	SOLID	**Lab WorkOrder:**	LHFXQ1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	08/03/09 17:00
QC Batch ID:	9215329	**Date/Time Analyzed:**	08/09/09 20:37
Sample Aliquot:	29.43 g	**Instrument ID:**	D
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:	8304620	**Lab Sample ID:**	D9H030000-329B
Matrix:	SOLID	**Lab WorkOrder:**	LHFXQ1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	08/03/09 17:00
QC Batch ID:	9215329	**Date/Time Analyzed:**	08/09/09 20:37
Sample Aliquot:	29.43 g	**Instrument ID:**	D
Dilution Factor:	1		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
115-86-6	Triphenyl phosphate	88	47	161	
24934-91-6	Chlormefos	47	42	132	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Surrogate Recovery Summary

Lab Name: TESTAMERICA DENVER **Extraction** A11P29H
Lot/SDG Number: 8304620 **QC Batch ID:** 9215329

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
RSAU4-20	LHA071AA	46	89							0
RSAU4-20 MS	LHA071AD	64	95							0
RSAU4-20 MSD	LHA071AE	63	97							0
RSAU4-50	LHA081AA	42	89							0
SA73-0.5B	LHC041AA	58	100							0
SA73-30B	LHC1K1AA	66	116							0
INTRA-LAB BLANK	LHFXQ1AA	47	88							0
CHECK SAMPLE	LHFXQ1AC	67	87							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:	8304620	**Lab Sample ID:**	D9H030000-329C
Matrix:	SOLID	**Lab WorkOrder:**	LHFXQ1AC
% Moisture:	0.0	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	08/03/09 17:00
QC Batch ID:	9215329	**Date/Time Analyzed:**	08/09/09 21:13
Sample Aliquot:	28.57 g	**Instrument ID:**	D
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Dichlorvos	140	124	89		25 - 147
Thionazin	140	107	76		50 - 124
Dimethoate	140	64.9	46		10 - 156
Disulfoton	140	48.0	34		10 - 133
EPN	140	114	81		50 - 150
Ethoprop	140	107	76		51 - 119
Famphur	280	224	80		33 - 144
Fensulfothion	140	139	99		47 - 123
Fenthion	140	100	72		52 - 115
Malathion	140	95.4	68		49 - 124
Merphos	140	103	74		50 - 150
Methyl parathion	140	108	77		51 - 115
Azinphos-methyl	140	116	83		21 - 145
Mevinphos	140	91.3	65		15 - 143
Ethyl parathion	140	107	77		38 - 134
Phorate	140	74.4	53		45 - 115
Ronnel	140	105	75		46 - 115
Sulfotepp	140	89.1	64		41 - 123
Trichloronate	140	94.5	68		50 - 115
Chlorpyrifos	140	103	73		57 - 115
Coumaphos	140	113	81		42 - 129
Diazinon	140	98.3	70		49 - 122

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
115-86-6	Triphenyl phosphate	87	47	161	
24934-91-6	Chlormefos	67	42	132	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	RSAU4-20
Lot/SDG Number:	8304620	**MS Lab Sample ID:**	D9G300332-001S
Matrix:	SOLID	**MS Lab WorkOrder:**	LHA071AD
% Moisture:	6.8	**Date/Time Collected:**	07/29/09 08:14
Basis:	Dry	**Date/Time Received:**	07/30/09 09:00
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	08/03/09 17:00
QC Batch ID:	9215329	**Date/Time Analyzed:**	08/09/09 22:26
MS Sample Aliquot:	29.09 g	**Instrument ID:**	D
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	C	% Rec	Q	QC Limit
Azinphos-methyl	148	3.8	U	142		97		21 - 145
Chlorpyrifos	148	6.9	U	113		76		57 - 115
Coumaphos	148	3.0	U	138		94		42 - 129
Diazinon	148	7.8	U	110		75		49 - 122
Dichlorvos	148	7.9	U	159		108		25 - 147
Dimethoate	148	7.6	U	69.8		47		10 - 156
Disulfoton	148	8.3	U	85.3		58		10 - 133
EPN	148	4.0	U	126		86		50 - 150
Ethoprop	148	5.3	U	121		82		51 - 119
Ethyl parathion	148	5.7	U	122		83		38 - 134
Famphur	295	3.5	U	253		86		33 - 144
Fensulfothion	148	8.7	U	154		99		47 - 123
Fenthion	148	9.4	U	115		78		52 - 115
Malathion	148	5.0	U	107		72		49 - 124
Merphos	148	5.5	U	115		78		50 - 150
Methyl parathion	148	6.8	U	125		85		51 - 115
Mevinphos	148	5.0	U	97.1		66		15 - 143
Phorate	148	6.1	U	84.5		57		45 - 115
Ronnel	148	16	U	121		82		46 - 115
Sulfotepp	148	6.7	U	98.7		67		41 - 123
Thionazin	148	6.0	U	118		80		50 - 124
Trichloronate	148	6.7	U	106		72		50 - 115

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
24934-91-6	Chlormefos	64	42	132	
115-86-6	Triphenyl phosphate	95	47	161	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	RSAU4-20
Lot/SDG Number:	8304620	**MSD Lab Sample ID:**	D9G300332-001D
Matrix:	SOLID	**MSD Lab WorkOrder:**	LHA071AE
% Moisture:	6.8	**Date/Time Collected:**	07/29/09 08:14
Basis:	Dry	**Date/Time Received:**	07/30/09 09:00
Analysis Method:	8141A	**Date Leached:**	
Unit:	ug/kg	**Date/Time Extracted:**	08/03/09 17:00
QC Batch ID:	9215329	**Date/Time Analyzed:**	08/09/09 23:02
MSD Sample Aliquot:	29.47 g	**Instrument ID:**	D
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	C	% Rec	Q	RPD	Q	QC Limits	
										% Rec	RPD
Azinphos-methyl	146	3.8	U	148		102		3.9		21 - 145	43
Chlorpyrifos	146	6.9	U	105		72		6.9		57 - 115	37
Coumaphos	146	3.0	U	143		98		3.6		42 - 129	27
Diazinon	146	7.8	U	102		70		8.1		49 - 122	40
Dichlorvos	146	7.9	U	154		105		3.7		25 - 147	77
Dimethoate	146	7.6	U	74.7		51		6.9		10 - 156	98
Disulfoton	146	8.3	U	82.2		56		3.8		10 - 133	40
EPN	146	4.0	U	129		89		2.4		50 - 150	50
Ethoprop	146	5.3	U	114		78		6.5		51 - 119	54
Ethyl parathion	146	5.7	U	118		81		3.4		38 - 134	47
Famphur	291	3.5	U	259		89		2.2		33 - 144	31
Fensulfothion	146	8.7	U	156		102		1.4		47 - 123	49
Fenthion	146	9.4	U	113		78		1.4		52 - 115	43
Malathion	146	5.0	U	106		73		0.72		49 - 124	53
Merphos	146	5.5	U	116		80		1.1		50 - 150	50
Methyl parathion	146	6.8	U	117		80		6.8		51 - 115	53
Mevinphos	146	5.0	U	91.8		63		5.6		15 - 143	78
Phorate	146	6.1	U	76.9		53		9.4		45 - 115	40
Ronnel	146	16	U	107		73		13		46 - 115	41
Sulfotepp	146	6.7	U	87.3		60		12		41 - 123	40
Thionazin	146	6.0	U	109		75		8.2		50 - 124	40
Trichloronate	146	6.7	U	96.3		66		9.9		50 - 115	43

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
24934-91-6	Chlormefos	63	42	132	
115-86-6	Triphenyl phosphate	97	47	161	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Northgate Environmental Management, Inc.

Method Blank Summary

Lab Name:	TESTAMERICA DENVER	**Lab File ID:**	051F5101.
Lot/SDG Number:	8304620	**Lab Sample ID:**	D9H030000-329B
Matrix:	SOLID	**Lab Work Order:**	LHFXQ1AA
Analysis Method:	8141A	**Date/Time Extracted:**	08/03/09 17:00
Extraction Method:	A11P29H	**Date/Time Analyzed:**	08/09/09 20:37
QC Batch ID:	9215329	**Instrument ID:**	D

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
RSAU4-20	LHA071AA	051F5101.	08/09/09	21:50
RSAU4-20 MS	LHA071AD S	052F5201.	08/09/09	22:26
RSAU4-20 MSD	LHA071AE D	053F5301.	08/09/09	23:02
RSAU4-50	LHA081AA	054F5401.	08/09/09	23:39
SA73-0.5B	LHC041AA	055F5501.	08/10/09	00:15
SA73-30B	LHC1K1AA	056F5601.	08/10/09	00:52
CHECK SAMPLE	LHFXQ1AC C	050F5001.	08/09/09	21:13

Report Date : 07-Aug-2009 13:50 Page 1

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Last Edit : 07-Aug-2009 13:45 GC_D.i

Calibration File Names:
Level 1: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\009F0901.D
Level 2: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\008F0801.D
Level 3: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\007F0701.D
Level 4: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\006F0601.D
Level 5: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\005F0501.D
Level 6: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\004F0401.D
Level 7: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.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	5.0000 Level 7	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
1 o,o,o-TEPT	182432	420455	908197	1806303	2678940	3532965	4488963	QUAD	-0.00185	0.46722	0.02869	0.99856
2 Dichlorvos	0.88775	0.82394	0.83968	0.86756	0.82268	0.85000	0.80012	AVRG		0.84168		3.52069
3 Mevinphos	+++++	31592	111446	356823	596188	830977	1152906	LINR	0.20087	0.46926		0.99901
5 Thionazin	61338	194202	544011	1140983	1718412	2252008	2920220	WLINR	0.03379	1.18951		0.99527

*All weighted linear are $1/x^2$

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
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Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Last Edit : 07-Aug-2009 13:45 GC_D.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	Coefficients m1	Coefficients m2	%RSD or R^2	
6 Demeton-O	30299 / 761277	63511	157798	301922	460549	581572	WLINR	-0.00975	0.92539		0.99395	
7 Ethoprop	42588 / 2505899	199533	491981	1004283	1510941	1955169	WLINR	0.04409	1.07839		0.99207	
8 Naled	9478 / 1127359	41661	162318	361004	602529	777472	QUAD	0.08662	2.45165	-0.13780	0.99888	
10 Sulfotepp	1.56280 / 1.47299	1.44519	1.65714	1.68788	1.57081	1.56396	AVRG		1.56582		5.61879	
11 Phorate	1.13644 / 0.92922	0.95432	1.14044	1.07117	0.99690	0.98879	AVRG		1.03104		8.29536	
12 Dimethoate	+++++ / 2590760	59892	356039	877602	1446366	1934346	WLINR	0.17667	1.10316		0.99682	
13 Demeton-S	421 / 1490677	101878	285098	598857	888508	1152288	LINR	0.00806	0.86060		0.99287	<-

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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	+++++	48256	174622	313833	493520	631700					
	804726						QUAD	0.10651	2.04581	1.46981	0.99811
15 Atrazine	+++++	56963	206785	417568	667495	887166					
	1175975						WLINR	0.09612	0.48853		0.99171
16 propazine	+++++	0.35592	0.47135	0.45861	0.45434	0.46102					
	0.44356						AVRG		0.44080		9.65392
17 Disulfoton	48155	167271	445811	956556	1440699	1882342					
	2454335						WLINR	0.04123	1.45920		0.99632
18 Diazinon	122906	248611	519628	1016692	1526415	1969776					
	2542893						WLINR	-0.05341	1.44136		0.99767
19 Methyl Parathion	40155	137375	334656	727074	1132305	1471875					
	1968772						WLINR	0.03631	1.12970		0.99901
20 Ronnel	1.03546	1.01940	1.14102	1.20523	1.19683	1.22965					
	1.20553						AVRG		1.14759		7.53685

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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	
21 Malathion	0.86188	0.91387	1.07877	1.08977	1.04406	1.03997	0.98036	AVRG		1.00124		8.61800	
22 Fenthion	49230	134570	363139	790291	1222175	1589817	2105793	WLINR	0.02987	1.20261		0.99507	
23 Parathion	+++++	117278	333400	780379	1232087	1621434	2156342	WLINR	0.09066	1.27814		0.99835	
24 Chlorpyrifos	+++++	265889	506108	926482	1387727	1798423	2373426	WLINR	-0.10926	1.27881		0.99829	
25 Trichloronate	1.46832	1.29281	1.40677	1.46387	1.44859	1.47665	1.43014	AVRG		1.42673		4.47196	
26 Anilazine	413	937	23197	62364	109906	153137	224347	LINR	0.20138	0.12922		0.99583	<-
27 Merphos-A (Merphos)	27686	102703	274971	619861	975630	1320113	1714293	WLINR	0.05196	0.98235		0.99735	

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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)	27000	86949	229899	510754	821547	1111793					
	1539127						WLINR	0.04531	0.82719		0.99642
29 Tokuthion	1.37786	1.22539	1.38006	1.40966	1.37398	1.39384					
	1.33792						AVRG		1.35696		4.56962
30 Merphos-B (Merphos Oxone)	49732	78157	159629	271041	371990	422425					
	528766						QUAD	0.06346	0.59850	3.86180	0.99854
31 Carbophenothion-methyl	29119	99151	280480	618555	972242	1285762					
	1741313						WLINR	0.04987	0.97720		0.99632
32 Fensulfothion	+++++	53776	214899	563535	876396	1172734					
	1592051						WLINR	0.15154	0.96497		0.99770
33 Bolstar / Famphur	97513	282731	741469	1568236	2416510	3128382					
	4156553						WLINR	0.05716	1.19757		0.99670
34 Carbophenothion	1.08187	1.03600	1.15360	1.13412	1.10854	1.10645					
	1.06490						AVRG		1.09793		3.67689

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Last Edit : 07-Aug-2009 13:45 GC_D.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	25548	91979	268843	595984	916951	1218253					
	1647305						WLINR	0.05412	0.93334		0.99580
37 EPN	1.04741	1.13202	1.22186	1.20575	1.11750	1.12936					
	1.05270						AVRG		1.12952		5.95345
38 Azinphos-methyl	25233	73949	233826	545683	862799	1158610					
	1592084						LINR	0.07569	0.89630		0.99930
40 Azinphos-ethyl	1.20072	0.93049	1.06940	1.04526	1.02814	1.02319					
	0.97822						AVRG		1.03935		8.14067
41 Coumaphos	33445	95853	261325	569489	895805	1188819					
	1602651						WLINR	0.03646	0.89074		0.99560
M 42 Total Demeton	30720	165389	442896	900779	1349057	1733860					
	2251954						WLINR	0.05788	1.41556		0.99198
M 43 Merphos	1.39750	1.23094	1.38907	1.38298	1.31717	1.31436					
	1.21510						AVRG		1.32102		5.67433

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Last Edit : 07-Aug-2009 13:45 GC_D.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	1.70854	1.55109	1.63649	1.61328	1.45247	1.46197					
	1.36788						AVRG		1.54167		7.79134
$ 35 Triphenyl phosphate	0.74982	0.81969	0.94206	0.95098	0.90064	0.90309					
	0.84340						AVRG		0.87281		8.28995

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
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Target Version : 4.14
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Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Last Edit : 07-Aug-2009 13:45 GC_D.i

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

Report Date: 07-Aug-2009 13:50

Calibration History

Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Start Cal Date: 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Last Cal Level: 1
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 0.20000		
06-AUG-2009 18:34	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\009F0901.D
Cal Level: 2 , Cal Amount: 0.50000		
06-AUG-2009 17:58	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\008F0801.D
Cal Level: 3 , Cal Amount: 1.00000		
06-AUG-2009 17:21	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\007F0701.D
Cal Level: 4 , Cal Amount: 2.00000		
06-AUG-2009 16:45	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\006F0601.D
Cal Level: 5 , Cal Amount: 3.00000		
06-AUG-2009 16:08	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\005F0501.D
Cal Level: 6 , Cal Amount: 4.00000		
06-AUG-2009 15:32	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\004F0401.D
Cal Level: 7 , Cal Amount: 5.00000		
06-AUG-2009 14:56	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\003F0301.D

Continuing Calibration

Ccal Level Mode: BY SAMPLE

06-AUG-2009 19:10	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\010F1001.D
07-AUG-2009 06:42	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\029F2901.D
06-AUG-2009 16:08	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\005F0501.D

Report Date : 07-Aug-2009 13:44

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.i

Calibration File Names:
Level 1: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\009F0901.D
Level 2: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\008F0801.D
Level 3: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\007F0701.D
Level 4: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\006F0601.D
Level 5: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\005F0501.D
Level 6: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\004F0401.D
Level 7: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.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	Coefficients m1	Coefficients m2	%RSD or R^2
	5.0000 Level 7										
1 o,o,o-TEPT	2.29043	1.90123	1.95130	1.88382	1.73356	1.73918					
	1.59199						AVRG		1.87022		11.90741
2 Dichlorvos	0.89869	0.78758	0.82805	0.86014	0.82558	0.85108					
	0.78454						AVRG		0.83367		4.86412
4 Mevinphos	26181	90159	249277	555210	847872	1096662					
	1418878						LINR	0.02241	0.52291		0.99690
5 Demeton-O	0.74959	0.68467	0.79510	0.82182	0.78659	0.77064					
	0.74831						AVRG		0.76525		5.74609

* All weighted linear are $1/x^2$

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Last Edit : 07-Aug-2009 13:44 GC_D.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	1.14565	1.08329	1.20126	1.20198	1.13145	1.12656					
	1.04660						AVRG		1.13382		5.03485
8 Ethoprop	150814	267910	555560	1095403	1622717	2051405					
	2583304						WLINR	-0.08621	0.93634		0.99376
9 Naled	12427	47634	159760	373106	617906	787967					
	1131291						QUAD	0.08493	2.59831	-0.16856	0.99915
10 Sulfotepp	1.76900	1.56005	1.81850	1.75939	1.64614	1.63203					
	1.51002						AVRG		1.67073		6.89125
11 Phorate	1.08434	0.83104	0.84616	0.84084	0.79408	0.78203					
	0.73702						AVRG		0.84507		13.29300
12 Demeton-S	0.62408	0.72296	0.82414	0.81846	0.80405	0.81520					
	0.76672						AVRG		0.76794		9.50535
13 Simazine	6499	15934	82213	217050	364617	492868					
	674577						LINR	0.14352	0.25284		0.99829

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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 / Propazine	0.45307	0.43687	0.46450	0.46986	0.45749	0.47026					
	0.46112						AVRG		0.45903		2.52599
15 Dimethoate	62417	178809	484895	1037511	1616390	2052825					
	2698083						WLINR	0.03026	1.00403		0.99496
16 Diazinon	1.12790	0.98078	1.05404	1.02017	0.94993	0.93374					
	0.87260						AVRG		0.99131		8.50540
17 Disulfoton	1.04034	0.96498	1.05301	1.04708	0.99340	0.98440					
	0.92562						AVRG		1.00126		4.77046
18 Methyl Parathion	40092	130034	351856	753320	1163940	1488025					
	1936768						WLINR	0.04327	0.99949		0.99615
19 Ronnel	1.29240	1.09578	1.15751	1.15464	1.14108	1.15310					
	1.09180						AVRG		1.15519		5.76214
20 Malathion	52293	150756	354820	728530	1103657	1406900					
	1824966						WLINR	0.01814	0.94549		0.99782

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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	60489	169871	394413	832490	1290170	1671357					
	2210724						WLINR	0.02011	1.09999		0.99883
22 Trichloronate	66017	196799	455989	1021736	1622974	2093978					
	2890038						WLINR	0.03235	1.38094		0.99763
23 Parathion	66767	175066	440954	893471	1339063	1741701					
	2140679						QUAD	0.06563	0.65024	0.10357	0.99479
24 Fenthion	89878	206817	455004	922040	1408001	1789955					
	2341329						WLINR	-0.01244	1.16987		0.99827
25 Merphos-A (Merphos)	23197	104851	277563	631476	1003697	1339983					
	1728719						WLINR	0.06365	0.87639		0.99746
26 Anilazine	3273	10789	27039	64885	101616	129151					
	195793						WLINR	0.06368	0.09179		0.99697
27 Tetrachlorvinphos (stirophos)	35965	97796	256768	576694	925221	1220938					
	1682420						WLINR	0.03907	0.79183		0.99222

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.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 Tokuthion	1.22601	1.12742	1.27127	1.32225	1.30944	1.33086					
	1.26727						AVRG		1.26493		5.59788
29 Merphos-B (Merphos oxone)	58022	96740	174313	293170	395538	439795					
	547067						QUAD	0.06477	0.52377	4.80248	0.99795
30 Carbophenothion methyl	0.75736	0.75717	0.89847	0.94809	0.94520	0.96010					
	0.92358						AVRG		0.88428		10.06653
31 Fensulfothion	31957	101238	280688	603115	932760	1195644					
	1541611						WLINR	0.04406	0.79919		0.99507
32 Bolstar	1.35003	1.19068	1.27553	1.24212	1.18136	1.16644					
	1.06951						AVRG		1.21081		7.36840
33 Carbophenothion	0.99270	0.91157	1.03031	1.05279	1.04016	1.05422					
	1.00258						AVRG		1.01205		4.96052
34 Famphur	0.81755	0.80571	0.96709	1.00392	0.96583	0.98385					
	0.92956						AVRG		0.92479		8.70957

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.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 EPN	1.02676	0.93500	1.04721	1.04625	0.99870	0.98619					
	0.90816						AVRG		0.99261		5.44915
37 Phosmet	42368	114720	302493	636769	974935	1249688					
	1655568						WLINR	0.02810	0.83340		0.99564
39 Azinphos-methyl	37094	89923	240868	524807	823806	1072140					
	1429834						WLINR	0.02728	0.69625		0.99187
40 Azinphos-ethyl	0.69495	0.65912	0.76659	0.77776	0.74616	0.73804					
	0.69568						AVRG		0.72547		5.96411
41 Coumaphos	37102	91236	236130	504566	780746	1021332					
	1373774						WLINR	0.02252	0.66605		0.99432
M 42 Total Demeton	56597	167552	404997	836927	1295869	1672111					
	2162260						WLINR	0.02537	1.10859		0.99819
M 43 Merphos	81219	201591	451876	924646	1399235	1779778					
	2275786						WLINR	-0.00193	1.17315		0.99761

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.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	118440	285008	643087	1328045	2008587	2624051					
	3329933						LINR	-0.03570	1.20195		0.99676
$ 35 Triphenyl phosphate	0.91508	0.82368	0.91619	0.91274	0.86631	0.85066					
	0.77349						AVRG		0.86545		6.27482

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.i

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

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Report Date: 07-Aug-2009 13:44

Calibration History

Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Start Cal Date: 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Last Cal Level: 1
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 0.20000		
06-AUG-2009 18:34	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\009F0901.D
Cal Level: 2 , Cal Amount: 0.50000		
06-AUG-2009 17:58	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\008F0801.D
Cal Level: 3 , Cal Amount: 1.00000		
06-AUG-2009 17:21	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\007F0701.D
Cal Level: 4 , Cal Amount: 2.00000		
06-AUG-2009 16:45	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\006F0601.D
Cal Level: 5 , Cal Amount: 3.00000		
06-AUG-2009 16:08	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\005F0501.D
Cal Level: 6 , Cal Amount: 4.00000		
06-AUG-2009 15:32	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\004F0401.D
Cal Level: 7 , Cal Amount: 5.00000		
06-AUG-2009 14:56	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\003F0301.D

Continuing Calibration

Ccal Level Mode: BY SAMPLE

06-AUG-2009 19:10	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\010F1001.D
06-AUG-2009 16:45	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\006F0601.D

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/010F1001.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

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

Injection Date: 06-AUG-2009 19:10
Lab Sample ID: 8141 SS GSV87609
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.0000	2.2402	12.0	15.0	
2	Dichlorvos	2.0000	2.0361	1.8	15.0	
3	Mevinphos	2.0000	1.5564	22.2	15.0	<-
4	Chlormefos	2.0000	1.7365	13.2	15.0	
5	Thionazin	2.0000	2.2350	11.8	15.0	
6	Demeton-O	0.6500	2.0253	211.6	15.0	<- ok, see total demeton
7	Ethoprop	2.0000	1.9936	0.3	15.0	
8	Naled	2.0000	1.7057	14.7	15.0	
9	Sulfotepp	2.0000	1.9680	1.6	15.0	
10	Phorate	2.0000	1.6336	18.3	15.0	<-
11	Dimethoate	2.0000	2.1822	9.1	15.0	
12	Demeton-S	1.3600	0.2056	84.9	15.0	<- ok, see total demeton
13	Simazine	2.0000	2.4694	23.5	15.0	<-
14	Atrazine	2.0000	2.1611	8.1	15.0	
15	propazine	2.0000	2.1931	9.7	15.0	
17	Disulfoton	2.0000	1.9744	1.3	15.0	
16	Diazinon	2.0000	1.8671	6.6	15.0	
18	Methyl Parathion	2.0000	1.9703	1.5	15.0	
19	Ronnel	2.0000	2.0637	3.2	15.0	
20	Malathion	2.0000	1.9362	3.2	15.0	
21	Fenthion	2.0000	1.9060	4.7	15.0	
22	Parathion	2.0000	2.0598	3.0	15.0	
23	Chlorpyrifos	2.0000	1.9775	1.1	15.0	
24	Trichloronate	2.0000	1.8094	9.5	15.0	
25	Anilazine	2.0000	1.2499	37.5	15.0	<-
148	Merphos-A (Merphos)	2.0000	0.2980	85.1	999.0	
26	Tetrachlorvinphos (Stirophos)	2.0000	1.8887	5.6	15.0	
28	Tokuthion	2.0000	1.9432	2.8	15.0	
149	Merphos-B (Merphos Oxone)	2.0000	11.8778	493.9	999.0	
29	Carbophenothion-methyl	2.0000	1.3305	33.5	15.0	<-
29	Fensulfothion	2.0000	1.9661	1.7	15.0	
30	Bolstar / Famphur	4.0000	4.2423	6.1	15.0	
32	Carbophenothion	2.0000	2.1165	5.8	15.0	
31	Triphenyl phosphate	2.0000	1.8485	7.6	15.0	
34	Phosmet	2.0000	2.2723	13.6	15.0	
32	EPN	2.0000	2.2096	10.5	15.0	
33	Azinphos-methyl	2.0000	1.8506	7.5	15.0	
38	Azinphos-ethyl	2.0000	2.0552	2.8	15.0	
36	Coumaphos	2.0000	1.9367	3.2	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/010F1001.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

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

Injection Date: 06-AUG-2009 19:10
Lab Sample ID: 8141 SS GSV87609
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
40 Total Demeton	2.0000	2.2310	11.5	15.0
27 Merphos	2.0000	1.8981	5.1	15.0

Average %D = 29.5

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B/010F1001.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

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

Injection Date: 06-AUG-2009 19:10
Lab Sample ID: 8141 SS GSV87609
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.0000	2.1425	7.1	15.0	
2	Dichlorvos	2.0000	1.9878	0.6	15.0	
3	Chlormefos	2.0000	1.6927	15.4	15.0	<- OK
4	Mevinphos	2.0000	1.5781	21.1	15.0	<-
5	Demeton-O	0.6500	2.0683	218.2	15.0	<- ok, see total demeton
6	Thionazin	2.0000	2.2135	10.7	15.0	
7	Ethoprop	2.0000	1.9677	1.6	15.0	
10	Naled	2.0000	1.6813	15.9	15.0	<-
145	Sulfotepp	2.0000	1.8424	7.9	15.0	
8	Phorate	2.0000	1.6013	19.9	15.0	<-
15	Demeton-S	1.3600	0.0935	93.1	15.0	<- ok, see total demeton
10	Simazine	2.0000	2.7702	38.5	15.0	<-
13	Atrazine / Propazine	4.0000	4.2316	5.8	15.0	
16	Dimethoate	2.0000	2.1608	8.0	15.0	
11	Diazinon	2.0000	1.8234	8.8	15.0	
14	Disulfoton	2.0000	1.9546	2.3	15.0	
23	Methyl Parathion	2.0000	1.9650	1.7	15.0	
17	Ronnel	2.0000	1.9361	3.2	15.0	
24	Malathion	2.0000	1.8572	7.1	15.0	
18	Chlorpyrifos	2.0000	1.9742	1.3	15.0	
20	Trichloronate	2.0000	1.7303	13.5	15.0	
26	Parathion	2.0000	2.0441	2.2	15.0	
19	Fenthion	2.0000	1.9107	4.5	15.0	
151	Merphos-A (Merphos)	2.0000	0.2815	85.9	999.0	
21	Anilazine	2.0000	0.8232	58.8	15.0	<-
27	Tetrachlorvinphos (stirophos)	2.0000	1.8642	6.8	15.0	
25	Tokuthion	2.0000	1.9613	1.9	15.0	
148	Merphos-B (Merphos oxone)	2.0000	11.9171	495.9	999.0	
28	Carbophenothion methyl	2.0000	1.3477	32.6	15.0	<-
30	Fensulfothion	2.0000	1.9468	2.7	15.0	
28	Bolstar	2.0000	1.9885	0.6	15.0	
30	Carbophenothion	2.0000	2.1111	5.6	15.0	
33	Famphur	2.0000	2.2821	14.1	15.0	
29	Triphenyl phosphate	2.0000	1.7892	10.5	15.0	
32	EPN	2.0000	2.1924	9.6	15.0	
34	Phosmet	2.0000	2.2747	13.7	15.0	
34	Azinphos-methyl	2.0000	1.8178	9.1	15.0	
35	Azinphos-ethyl	2.0000	2.1653	8.3	15.0	
36	Coumaphos	2.0000	1.8960	5.2	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B/010F1001.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

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

Injection Date: 06-AUG-2009 19:10
Lab Sample ID: 8141 SS GSV87609
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
40 Total Demeton	2.0000	2.1617	8.1	15.0
22 Merphos	2.0000	1.9093	4.5	15.0

Average %D = 31.3

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B/048F4801.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 048F4801.D
Analysis Type: NONE

Injection Date: 09-AUG-2009 20:00
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\080

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.3366	6.5	15.0	
2	Dichlorvos	2.5000	2.7926	11.7	15.0	
3	Mevinphos	2.5000	2.8105	12.4	15.0	
4	Chlormefos	2.5000	2.1455	14.2	15.0	
5	Thionazin	2.5000	2.4577	1.7	15.0	
6	Demeton-O	0.8125	0.7711	5.1	15.0	
7	Ethoprop	2.5000	2.3853	4.6	15.0	
8	Naled	2.5000	1.8917	24.3	15.0	<-
9	Sulfotepp	2.5000	2.3936	4.3	15.0	
10	Phorate	2.5000	2.3231	7.1	15.0	
11	Dimethoate	2.5000	2.4617	1.5	15.0	
12	Demeton-S	1.7000	1.6981	0.1	15.0	
13	Simazine	2.5000	2.3610	5.6	15.0	
14	Atrazine	2.5000	2.3957	4.2	15.0	
15	propazine	2.5000	2.4797	0.8	15.0	
17	Disulfoton	2.5000	2.3369	6.5	15.0	
16	Diazinon	2.5000	2.4742	1.0	15.0	
18	Methyl Parathion	2.5000	2.4393	2.4	15.0	
19	Ronnel	2.5000	2.3569	5.7	15.0	
20	Malathion	2.5000	2.3811	4.8	15.0	
21	Fenthion	2.5000	2.3570	5.7	15.0	
22	Parathion	2.5000	2.3366	6.5	15.0	
23	Chlorpyrifos	2.5000	2.2921	8.3	15.0	
24	Trichloronate	2.5000	2.2284	10.9	15.0	
25	Anilazine	2.5000	1.3600	45.6	15.0	<-
148	Merphos-A (Merphos)	2.5000	1.0816	56.7	999.0	
26	Tetrachlorvinphos (Stirophos)	2.5000	2.1967	12.1	15.0	
28	Tokuthion	2.5000	2.2720	9.1	15.0	
149	Merphos-B (Merphos Oxone)	2.5000	10.0910	303.6	999.0	
29	Carbophenothion-methyl	2.5000	2.3476	6.1	15.0	
29	Fensulfothion	2.5000	2.4620	1.5	15.0	
30	Bolstar / Famphur	5.0000	4.6721	6.6	15.0	
32	Carbophenothion	2.5000	2.3723	5.1	15.0	
31	Triphenyl phosphate	2.5000	2.4591	1.6	15.0	
34	Phosmet	2.5000	2.2985	8.1	15.0	
32	EPN	2.5000	2.3327	6.7	15.0	
33	Azinphos-methyl	2.5000	2.3458	6.2	15.0	
38	Azinphos-ethyl	2.5000	2.3038	7.8	15.0	
36	Coumaphos	2.5000	2.2047	11.8	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B/048F4801.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 048F4801.D
Analysis Type: NONE

Injection Date: 09-AUG-2009 20:00
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\080

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
40 Total Demeton	2.5000	2.4692	1.2	15.0
27 Merphos	2.5000	2.3333	6.7	15.0

Average %D = 15.9

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B/048F4801.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 048F4801.D
Analysis Type: NONE

Injection Date: 09-AUG-2009 20:00
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\080

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.3083	7.7	15.0	
2	Dichlorvos	2.5000	3.1206	24.8	15.0	<-
3	Chlormefos	2.5000	2.3838	4.6	15.0	
4	Mevinphos	2.5000	2.8646	14.6	15.0	
5	Demeton-O	0.8125	0.8017	1.3	15.0	
6	Thionazin	2.5000	2.5263	1.1	15.0	
7	Ethoprop	2.5000	2.5050	0.2	15.0	
10	Naled	2.5000	2.1149	15.4	15.0	<-
145	Sulfotepp	2.5000	2.3218	7.1	15.0	
8	Phorate	2.5000	2.3044	7.8	15.0	
15	Demeton-S	1.7000	1.6959	0.2	15.0	
10	Simazine	2.5000	2.2676	9.3	15.0	
13	Atrazine / Propazine	5.0000	4.7470	5.1	15.0	
16	Dimethoate	2.5000	2.6299	5.2	15.0	
11	Diazinon	2.5000	2.3437	6.3	15.0	
14	Disulfoton	2.5000	2.2859	8.6	15.0	
23	Methyl Parathion	2.5000	2.6211	4.8	15.0	
17	Ronnel	2.5000	2.3959	4.2	15.0	
24	Malathion	2.5000	2.3378	6.5	15.0	
18	Chlorpyrifos	2.5000	2.3965	4.1	15.0	
20	Trichloronate	2.5000	2.1863	12.5	15.0	
26	Parathion	2.5000	2.3639	5.4	15.0	
19	Fenthion	2.5000	2.4501	2.0	15.0	
151	Merphos-A (Merphos)	2.5000	1.0763	56.9	999.0	
21	Anilazine	2.5000	0.8307	66.8	15.0	<-
27	Tetrachlorvinphos (stirophos)	2.5000	2.2724	9.1	15.0	
25	Tokuthion	2.5000	2.2652	9.4	15.0	
148	Merphos-B (Merphos oxone)	2.5000	11.2942	351.8	999.0	
28	Carbophenothion methyl	2.5000	2.5115	0.5	15.0	
30	Fensulfothion	2.5000	2.3747	5.0	15.0	
28	Bolstar	2.5000	2.2463	10.1	15.0	
30	Carbophenothion	2.5000	2.3237	7.1	15.0	
33	Famphur	2.5000	2.5782	3.1	15.0	
29	Triphenyl phosphate	2.5000	2.4132	3.5	15.0	
32	EPN	2.5000	2.3664	5.3	15.0	
34	Phosmet	2.5000	2.3119	7.5	15.0	
34	Azinphos-methyl	2.5000	2.3745	5.0	15.0	
35	Azinphos-ethyl	2.5000	2.4542	1.8	15.0	
36	Coumaphos	2.5000	2.2102	11.6	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B/048F4801.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 048F4801.D
Analysis Type: NONE

Injection Date: 09-AUG-2009 20:00
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\080

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
40 Total Demeton	2.5000	2.4977	0.1	15.0
22 Merphos	2.5000	2.4525	1.9	15.0

Average %D = 17.4

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B/057F5701.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 057F5701.D
Analysis Type: NONE

Injection Date: 10-AUG-2009 01:28
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\080

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.2647	9.4	15.0	
2	Dichlorvos	2.5000	2.8150	12.6	15.0	
3	Mevinphos	2.5000	2.9233	16.9	15.0	<-
4	Chlormefos	2.5000	2.1616	13.5	15.0	
5	Thionazin	2.5000	2.4229	3.1	15.0	
6	Demeton-O	0.8125	0.7953	2.1	15.0	
7	Ethoprop	2.5000	2.3823	4.7	15.0	
8	Naled	2.5000	2.0677	17.3	15.0	<-
9	Sulfotepp	2.5000	2.3718	5.1	15.0	
10	Phorate	2.5000	2.3256	7.0	15.0	
11	Dimethoate	2.5000	2.5149	0.6	15.0	
12	Demeton-S	1.7000	1.6930	0.4	15.0	
13	Simazine	2.5000	2.1523	13.9	15.0	
14	Atrazine	2.5000	2.2724	9.1	15.0	
15	propazine	2.5000	2.3218	7.1	15.0	
17	Disulfoton	2.5000	2.2767	8.9	15.0	
16	Diazinon	2.5000	2.3177	7.3	15.0	
18	Methyl Parathion	2.5000	2.3659	5.4	15.0	
19	Ronnel	2.5000	2.4463	2.1	15.0	
20	Malathion	2.5000	2.3558	5.8	15.0	
21	Fenthion	2.5000	2.3417	6.3	15.0	
22	Parathion	2.5000	2.3651	5.4	15.0	
23	Chlorpyrifos	2.5000	2.3504	6.0	15.0	
24	Trichloronate	2.5000	2.3524	5.9	15.0	
25	Anilazine	2.5000	1.5402	38.4	15.0	<-
148	Merphos-A (Merphos)	2.5000	1.9808	20.8	999.0	
26	Tetrachlorvinphos (Stirophos)	2.5000	2.3408	6.4	15.0	
28	Tokuthion	2.5000	2.3391	6.4	15.0	
149	Merphos-B (Merphos Oxone)	2.5000	4.1689	66.8	999.0	
29	Carbophenothion-methyl	2.5000	2.4075	3.7	15.0	
29	Fensulfothion	2.5000	2.6161	4.6	15.0	
30	Bolstar / Famphur	5.0000	4.6347	7.3	15.0	
32	Carbophenothion	2.5000	2.4244	3.0	15.0	
31	Triphenyl phosphate	2.5000	2.4644	1.4	15.0	
34	Phosmet	2.5000	2.3545	5.8	15.0	
32	EPN	2.5000	2.3328	6.7	15.0	
33	Azinphos-methyl	2.5000	2.4994	0.0	15.0	
38	Azinphos-ethyl	2.5000	2.3487	6.1	15.0	
36	Coumaphos	2.5000	2.3628	5.5	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B/057F5701.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 057F5701.D
Analysis Type: NONE

Injection Date: 10-AUG-2009 01:28
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\080

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
40 Total Demeton	2.5000	2.4883	0.5	15.0
27 Merphos	2.5000	2.3799	4.8	15.0

Average %D = 8.88

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B/057F5701.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 057F5701.D
Analysis Type: NONE

Injection Date: 10-AUG-2009 01:28
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\080

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.2311	10.8	15.0	
2	Dichlorvos	2.5000	3.1549	26.2	15.0	<-
3	Chlormefos	2.5000	2.4335	2.7	15.0	
4	Mevinphos	2.5000	2.8629	14.5	15.0	
5	Demeton-O	0.8125	0.8145	0.2	15.0	
6	Thionazin	2.5000	2.4738	1.0	15.0	
7	Ethoprop	2.5000	2.4985	0.1	15.0	
10	Naled	2.5000	2.2391	10.4	15.0	
145	Sulfotepp	2.5000	2.2957	8.2	15.0	
8	Phorate	2.5000	2.3464	6.1	15.0	
15	Demeton-S	1.7000	1.7606	3.6	15.0	
10	Simazine	2.5000	2.2166	11.3	15.0	
13	Atrazine / Propazine	5.0000	4.5736	8.5	15.0	
16	Dimethoate	2.5000	2.6129	4.5	15.0	
11	Diazinon	2.5000	2.2975	8.1	15.0	
14	Disulfoton	2.5000	2.3198	7.2	15.0	
23	Methyl Parathion	2.5000	2.5736	2.9	15.0	
17	Ronnel	2.5000	2.4201	3.2	15.0	
24	Malathion	2.5000	2.3035	7.9	15.0	
18	Chlorpyrifos	2.5000	2.4718	1.1	15.0	
20	Trichloronate	2.5000	2.2637	9.5	15.0	
26	Parathion	2.5000	2.3972	4.1	15.0	
19	Fenthion	2.5000	2.4649	1.4	15.0	
151	Merphos-A (Merphos)	2.5000	1.9643	21.4	999.0	
21	Anilazine	2.5000	0.6223	75.1	15.0	<-
27	Tetrachlorvinphos (stirophos)	2.5000	2.4073	3.7	15.0	
25	Tokuthion	2.5000	2.3560	5.8	15.0	
148	Merphos-B (Merphos oxone)	2.5000	5.1013	104.1	999.0	
28	Carbophenothion methyl	2.5000	2.6131	4.5	15.0	
30	Fensulfothion	2.5000	2.4895	0.4	15.0	
28	Bolstar	2.5000	2.2285	10.9	15.0	
30	Carbophenothion	2.5000	2.4255	3.0	15.0	
33	Famphur	2.5000	2.5436	1.7	15.0	
29	Triphenyl phosphate	2.5000	2.3855	4.6	15.0	
32	EPN	2.5000	2.4026	3.9	15.0	
34	Phosmet	2.5000	2.3796	4.8	15.0	
34	Azinphos-methyl	2.5000	2.5493	2.0	15.0	
35	Azinphos-ethyl	2.5000	2.5212	0.8	15.0	
36	Coumaphos	2.5000	2.3568	5.7	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B/057F5701.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 057F5701.D
Analysis Type: NONE

Injection Date: 10-AUG-2009 01:28
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\080

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
40 Total Demeton	2.5000	2.5751	3.0	15.0
22 Merphos	2.5000	2.5056	0.2	15.0

Average %D = 9.98

Sequence: C:\HPCHEM\2\SEQUENCE\D080609.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	8141 L7 GSV82609				
4	Vial 4	8141 L6 GSV87009				
5	Vial 5	8141 L5 GSV87109				
6	Vial 6	8141 L4 GSV87209				
7	Vial 7	8141 L3 GSV87309				
8	Vial 8	8141 L2 GSV87409				
9	Vial 9	8141 L1 GSV87509				
10	Vial 10	8141 SS GSV87609				
11	Vial 11	GSV0893-09 SURR				
12	Vial 12	GSV0883-09 SPK				
13	Vial 13	LG1WM1AA,MB				
14	Vial 14	LG1WM1AC,LCS				
15	Vial 15	LG1WM1AD,LCSD				
16	Vial 16	LGX0F1AE,167-1				
17	Vial 17	LGX1P1AN,167-2				
18	Vial 18	LG34K1AA,MB				
19	Vial 19	LG34K1AC,LCS				
20	Vial 20	LG34K1AD,LCSD				
21	Vial 21	LG2X51AA,280-1				
22	Vial 22	LG20H1AA,280-2				
23	Vial 23	LG20J1AA,280-3				
24	Vial 24	LG20L1AA,280-4				
25	Vial 25	LG20N1AA,280-5				
26	Vial 26	LG29G1AA,313-1				
27	Vial 27	LG3WP1AA,149-1				
28	Vial 28	LG3XR1AA,158-1				
29	Vial 29	8141 CCV GSV861				
30	Vial 30	LHA0K1AA,MB				
31	Vial 31	LHA0K1AC,LCS				
32	Vial 32	LHA0K1AD,LCSD				
33	Vial 33	LG7XK1AA,180-1				
34	Vial 34	LG7XP1AA,180-2				
35	Vial 35	LG7XQ1AA,180-3				
36	Vial 36	LG7XQ1AC,180-3S				
37	Vial 37	LG7XQ1AD,180-3D				
38	Vial 38	LG7XW1AA,180-4				
39	Vial 39	LG70G1AA,185-1				
40	Vial 40	LHA0P1AA,MB				
41	Vial 41	LHA0P1AC,LCS				
42	Vial 42	LHA0P1AD,LCSD				
43	Vial 43	LG7N31CC,159-1				
44	Vial 44	LG48D1AA,MB				
45	Vial 45	LG48D1AC,LCS				
46	Vial 46	LG48D1AD,LCSD				
47	Vial 47	LG3F51AD,333-9				
48	Vial 48	LG4761AA,MB				
49	Vial 49	LG4761AC,LCS				
50	Vial 50	LG4761AD,LCSD				
51	Vial 51	LG4XL1AA,133-1				
52	Vial 52	8141 CCV GSV861				
53	Vial 53	LG8X21AA,MB				
54	Vial 54	LG8X21AC,LCS				
55	Vial 55	LG8X21AD,LCSD				
56	Vial 56	LG1TK1AA,108-21				
57	Vial 57	LG8TT1AA,MB				
58	Vial 58	LG8TT1AC,LCS				
59	Vial 59	LG2971AA,314-1				

9205278

9206117

9211421

9211426

9208406

9208402

9210504

Sequence: C:\HPCHEM\2\SEQUENCE\D080609.S

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
60	Vial 60	LG3AD1AA,314-2				
61	Vial 61	LG3VM1AA,139-1				
62	Vial 62	LG3VM1AD,139-1S				
63	Vial 63	LG3VM1AE,139-1D				
64	Vial 64	LG3VP1AA,139-2				
65	Vial 65	LG3VR1AA,139-3				
66	Vial 66	8141 CCV GSV861				
67	Vial 67	LG3W11AA,150-1				
68	Vial 68	LG3W21AA,150-2				
69	Vial 69	LG3W31AA,150-3				
70	Vial 70	LG3W51AA,150-4				
71	Vial 71	LHFXR1AA,MB				
72	Vial 72	LHFXR1AC,LCS				
73	Vial 73	LGN2D1CQ,316-5S				
74	Vial 74	LGN2D1CR,316-5D				
75	Vial 75	LGN2D2CN,316-5				
76	Vial 76	LGN2J2CN,316-10				
77	Vial 77	8141 CCV GSV861				
78	Vial 2	HEXANE/ACETONE				

Sequence Table (Back Injector):

No entries - empty table!

Sequence: C:\HPCHEM\2\SEQUENCE\D080809.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	8141 CCV GSV861				
4	Vial 4	LG34C1AA,MB				
5	Vial 5	LGW541AA,293-1				
6	Vial 6	LGW551AA,293-2				
7	Vial 7	LGW561AA,293-3				
8	Vial 8	LGW571AA,293-4				
9	Vial 9	LG8TE1AA,MB				
10	Vial 10	LGW581AA,293-5				
11	Vial 11	LGW591AA,293-6				
12	Vial 12	LGW6A1AA,293-7				
13	Vial 13	LGW6C1AA,293-8				
14	Vial 14	8141 CCV GSV861				
15	Vial 15	LHF291AA,MB				
16	Vial 16	LHF291AC,LCS				
17	Vial 17	LHF291AD,LCSD				
18	Vial 18	LG7QW1AA,166-1				
19	Vial 19	LHCVW1AA,166-2				
20	Vial 20	LHCX51AA,185-1				
21	Vial 21	LHF3A1AA,MB				
22	Vial 22	LHF3A1AC,LCS				
23	Vial 23	LHF3A1AD,LCSD				
24	Vial 24	LHC3A1AA,193-1				
25	Vial 25	LHC3E1AA,193-2				
26	Vial 26	LHC3G1AA,193-3				
27	Vial 27	LHC3J1AA,193-4				
28	Vial 28	LHC3M1AA,193-5				
29	Vial 29	LHC3P1AA,193-6				
30	Vial 30	LHC3Q1AA,193-7				
31	Vial 31	8141 CCV GSV861				
32	Vial 32	LHKE31AA,MB				
33	Vial 33	LHK3E1AC,LCS				
34	Vial 34	LHK3E1AD,LCSD				
35	Vial 35	LHHN71AA,268-1				
36	Vial 36	LHHN81AA,268-2				
37	Vial 37	LHHN91AA,268-3				
38	Vial 38	LHHPA1AA,268-4				
39	Vial 39	LHHPC1AA,268-5				
40	Vial 40	LHHPD1AA,268-6				
41	Vial 41	LHHPE1AA,268-7				
42	Vial 42	LHHPF1AA,268-8				
43	Vial 43	LHK3A1AA,MB				
44	Vial 44	LHK3A1AC,LCS				
45	Vial 45	LHK3A1AD,LCSD				
46	Vial 46	LHG7R1AA,197-1				
47	Vial 47	LHJ511AA,234-1				
48	Vial 48	8141 CCV GSV861				
49	Vial 49	LHFXQ1AA,MB				
50	Vial 50	LHFXQ1AC,LCS				
51	Vial 51	LHA071AA,332-1				
52	Vial 52	LHA071AD,332-1S				
53	Vial 53	LHA071AE,332-1D				
54	Vial 54	LHA081AA,332-2				
55	Vial 55	LHC041AA,187-1				
56	Vial 56	LHC1K1AA,187-2				
57	Vial 57	8141 CCV GSV861				
58	Vial 58	8141 L1 GSV862				
59	Vial 59	LG2M71AA,MB				

Sequence: C:\HPCHEM\2\SEQUENCE\D080809.S

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
60	Vial 60	LG2M71AC,LCS				
61	Vial 61	LGQ171AQ,204-2				
62	Vial 62	LGQ171D0,204-2S				
63	Vial 63	LGQ171D1,204-2D				
64	Vial 64	LGQ2E1AQ,204-7				
65	Vial 65	LGQ2F1AQ,204-8				
66	Vial 66	LGQ2G1AQ,204-9				
67	Vial 67	LGQ2H1AQ,204-10				
68	Vial 68	LGQ2J1AQ,204-11				
69	Vial 69	8141 CCV GSV861				
70	Vial 70	LGQ2K1AQ,204-12				
71	Vial 71	LGQ2L1AQ,204-13				
72	Vial 72	LGQ2M1AQ,204-14				
73	Vial 73	LGQ2N1AQ,204-15				
74	Vial 74	LGT191AT,319-17				
75	Vial 75	LGT2A1A5,319-18				
76	Vial 76	LGT2C1A5,319-19				
77	Vial 77	LGT2D1AG,319-20				
78	Vial 78	LGT2F1AG,319-22				
79	Vial 79	8141 CCV GSV861				
80	Vial 80	8141 L1 GSV862				
81	Vial 2	HEXANE/ACETONE				

Sequence Table (Back Injector):

No entries - empty table!

TestAmerica

General Chemistry

Standard LIMS Report

Lot ID: D9G300332

Client: Northgate/Tronox

Method: Percent Moisture – SW846 3550C

Associated Samples: 001 and 002

Batch: 9212115

Northgate Environmental Management, Inc.

Client Sample ID: RSAU4-20

General Chemistry

Lot-Sample #...: D9G300332-001 **Work Order #...:** LHA07 **Matrix.....:** SOLID
Date Sampled...: 07/29/09 08:14 **Date Received..:** 07/30/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**6.8**	**0.10**	**%**	**SW846 3550C Moist**	**08/06/09**	**9212115**

Dilution Factor: 1 Analysis Time..: 11:53 MDL.....: 0.0

Northgate Environmental Management, Inc.

Client Sample ID: RSAU4-50

General Chemistry

Lot-Sample #...: D9G300332-002 **Work Order #...:** LHA08 **Matrix.....:** SOLID
Date Sampled...: 07/29/09 10:15 **Date Received..:** 07/30/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**22**	**0.10**	**%**	**SW846 3550C Moist**	**08/06/09**	**9212115**

Dilution Factor: 1 Analysis Time..: 11:53 MDL.....: 0.0

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D9G300332 **Work Order #...:** LG3FL-SMP **Matrix.....:** SOLID
LG3FL-DUP
Date Sampled...: 07/24/09 10:10 **Date Received..:** 07/24/09
% Moisture.....: 21

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture						SD Lot-Sample #: D9G240333-001		
	21	20	%	4.3	(0-20)	SW846 3550C Moist	08/06/09	9212115

Dilution Factor: 1 Analysis Time..: 11:53

TestAmerica

General Chemistry

Standard LIMS Report

Lot ID: D9G310187

Client: Northgate/Tronox

Method: Percent Moisture – SW846 3550C

Associated Samples: 001 and 002

Batch: 9212115

Northgate Environmental Management, Inc.

Client Sample ID: SA73-0.5B

General Chemistry

Lot-Sample #...: D9G310187-001 **Work Order #...:** LHC04 **Matrix.....:** SOLID
Date Sampled...: 07/29/09 08:44 **Date Received..:** 07/31/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**7.8**	**0.10**	**%**	**SW846 3550C Moist**	**08/06/09**	**9212115**

Dilution Factor: 1 Analysis Time..: 11:53 MDL.....: 0.0

Northgate Environmental Management, Inc.

Client Sample ID: SA73-30B

General Chemistry

Lot-Sample #...: D9G310187-002 **Work Order #...:** LHC1K **Matrix.....:** SOLID
Date Sampled...: 07/29/09 10:18 **Date Received..:** 07/31/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**19**	**0.10**	**%**	**SW846 3550C Moist**	**08/06/09**	**9212115**

Dilution Factor: 1 Analysis Time..: 11:53 MDL.....: 0.0

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D9G300332 **Work Order #...:** LG3FL-SMP LG3FL-DUP **Matrix.....:** SOLID

Date Sampled...: 07/24/09 10:10 **Date Received..:** 07/24/09

% Moisture.....: 21

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture						SD Lot-Sample #: D9G240333-001		
	21	20	%	4.3	(0-20)	SW846 3550C Moist	08/06/09	9212115

Dilution Factor: 1 Analysis Time..: 11:53

5.0
AG
IR1
7/30/9

CHAIN-OF-CUSTODY / Analytical Request Document

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

COC No. 2027.001.00390
Page: 1 of 2
Cooler # 1 of 1

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

Required Ship to Lab:		Required Project Information:		Required Invoice Information:			
Lab Name:	TestAmerica	Site ID #:	TRONOX LLC. HENDERSON	Send Invoice to:	Susan Crowley Tronox LLC	TAT: Standard 30 day	X
Address:	4955 Yarrow Street	Project #	2027.001	Address:	PO Box 55	If Rush, Date due	
Arvada, CO 80002		Site Address	560 W. Lake Mead Drive	City/State	Henderson, NV 89009	Phone #:	(949)260-9293
Lab PM:	Michael P. Phillips	City	Henderson	State	NV	Reimbursement project?	X
Phone/Fax:	303-736-0157	Site PM Name	Derrick Willis	Send EDD to	Frank Hagar Northgate Environmental Management, Inc frank.hagar@ngem.com	Non-reimbursement project?	
Lab PM email	michael.phillips@testamericainc.com	Phone/Fax:	949-375-7004	CC Hardcopy report to	PDF Electronic Version Only		
Applicable Lab Quote #:		Site PM Email:	derrick.willis@ngem.com	CC Hardcopy report to	see additional comments below		

Rush		Mark One
QC level Required: Standard		Special
NJ Reduced Deliverable Package?		
MA MCP Cert?		CT RCP Cert?

EPA Stage 4 | Mark one

Mark One

Lab Project ID (lab use)

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	RSAU4-20	SO	G	7/29/2009	8:14	1	N	X								X	4 oz Glass Jar
2	RSAU4-50	SO	G	7/29/2009	10:15	1	N	X								X	4 oz Glass Jar
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	

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

DRB
7-29-09

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
DANA BROWN NGEM	29-Jul	16:30		7/30/9	0900

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

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Dana R. Brown
SIGNATURE of SAMPLER:
DATE Signed: 7/29/2009 Time: 16:30

Sample Receipt Conditions	Temp in 0C	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	

Table of Contents

TestAmerica

TestAmerica Denver

Sample Receiving Checklist

Lot #: D9G300332 Date/Time Received: 7/30/9 0900

Company Name & Sampling Site: Northgate - Tronox

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

Quote #: 83046

Special Instructions:

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

Unpacking Checks:

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

Temperatures (°C): 5.0 _____ _____ _____ _____ _____ _____ _____

N/A	*Yes*	*No*		*Initials*
☐	☑	☐	1. Cooler seals intact? (N/A if hand delivered) If no, document on CUR.	CHK
	☑	☐	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 # D9G300332

Login Checks:

Initials

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? All
☑	☐	☐	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

CM

☑	☐	☐	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).

2.4, 3.8 RC
7/31/09
IP

168

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. 2027.001.00468
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 — DRINKING WATER WP; GROUND WATER WG; WASTE WATER WW; FREE PRODUCT LF; SOIL SO; OIL OL; WIPE AA; AMBIENT AIR AE; SVE AIR GS; SOIL GAS — MATRIX — 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	~~FB072909-SO~~	W	G	~~7-29-09~~	~~1425~~	1	N			X						X		~~500 ml Plastic~~
2	FB072909-SO	W	G	7-29-09	1425	2	N	X									X	2 x 1 Liter Amber Glass
3																		
4																		
5																		
6	PF 7-29-09																	
7																		
8																		
9																		
10																		
11																		
12																		

Additional Comments/Special Instructions:

As & Se only by Collision Cell
Field blank for Area II.

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
[signature] GES	7/29	1502	[signature] GES	7/29	1502
[signature] GES	7/29	1700	[signature] CGT	7/29	1900
[signature] CGT	7/30	1510	[signature] TA-LV	7/30	1510
[signature] WATSON	7/30	16:00	[signature]	7/31	0845

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

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: ~~Victoria Hanson~~ Patrick Ferringer
SIGNATURE of SAMPLER: [signature] DATE Signed 7-29 Time: 1502

Sample Receipt Conditions

	Temp in °C	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

Table of Contents

TestAmerica

TestAmerica Denver

Sample Receiving Checklist

Lot #: D960310185 Date/Time Received: 7/31/9 0845

Company Name & Sampling Site: Northgate - TRONOX

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

Quote #: 43046

Special Instructions:

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

Unpacking Checks:

Cooler #(s): 2

Temperatures (°C): 2.4 3.5

N/A	*Yes*	*No*		*Initials*
☐	☑	☐	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?	

TestAmerica Denver

Sample Receiving Checklist

Lot # D96310185

Login Checks:

Initials

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? All
☑	☐	☐	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).

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. 2027.001.00442
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 — 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; OIL 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 8141A OPP Pest	Comments/Lab Sample I.D.
1	SA73-0.5B	SO	G	7-29-09	0844	1	N	X								X	4 oz Glass Jar
2	SA73-28B	SO	G	7-29-09	1010	1	N	X								X	4 oz Glass Jar
3																	
4																	
5																	
6	TP 7-29-09																
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
	7/29	1700		7/29	1700
	7/30	1600		7/30	15:00
TA-LV via Fed Ex	7/30	16:00		7/31/9	0845

Sample Receipt Conditions

Temp in °C	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

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Doug Davis Patrick Ferringer

SIGNATURE of SAMPLER:

DATE Signed 7-29 Time: 1502

TestAmerica Denver

Sample Receiving Checklist

Lot #: D9G310187 Date/Time Received: 7/31/9 0845

Company Name & Sampling Site: Northgate - TRONOX

PM to Complete This Section: *Yes* *No* *Yes* *No*

Residual chlorine check required: ☐ ☒ Quarantined : ☐ ☒

Quote #: 83046

Special Instructions:

SA73-28B → SA73-30B

Time Zone:

• EDT/EST • CDT/CST • MDT/MST • PDT/PST • OTHER

Unpacking Checks:

Cooler #(s): 1

Temperatures (°C): 2.1 3.8

N/A	*Yes*	*No*		*Initials*
☐	☑	☐	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?	

TestAmerica Denver

Sample Receiving Checklist

Lot # D9631018 7

Login Checks: *Initials* AC

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? All
☑	☐	☐	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).

Semivolatile GC

Supporting Documentation

Sample Sequence, Chromatograms

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Lot ID: D9G300332

Client: Northgate

Method: 8141

Associated Samples: 1, 2

Batch #(s): 9215329

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

Signature/Date: J. Benallo 8/11/09

GC SEMIVOLATILE ORGANIC EXTRACTION LOG SHEETS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

RQC058

TestAmerica Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 8/05/0
Time: 20:40:5

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 AnalyticalG
_ Bench Sheet Copied per COC

Extractionist: 004599 Craig Cullen

Concentrationist: 002770 Erma J. Pottruff

Reviewer/Date: POTTRUFE / 8/05/09

QC BATCH: 9215329

PREP DATE: 8/03/09 17:00
COMP DATE: 8/05/09 20:45

Compounds, Organophosphorus (8141A)
SOXHLET (NONE,Na2SO4)

EXTR EXPR	ANL DUE	LOT#,MSRUN#/ WORK ORDER	TEST FLGS	EXT	MTH	MATRIX	INIT/FIN WT/VOL	PH"S INIT	PH"S ADJ1	ADJ2	SOLVENTS EXTRACTION	VOL	EXCHANGE	VOL	SPIKE STANDARD/ SURROGATE ID
8/12/09	8/11/09	D9G300332-001 **LHA07-1-AA**	DR	11	P2	SOLID	**29.10g** 2.00mL	NA	NA	NA	1:1	300.0	HEXANE	50.0	1ML GSV0893 073009
COMMENTS:															
8/12/09	8/11/09	D9G300332-001 **LHA07-1-ADS**	DR	11	P2	SOLID	**29.09g** 2.00mL	NA	NA	NA	1:1	300.0	HEXANE	50.0	1ML GSV0883 072809 1ML GSV0893 073009
COMMENTS:															
8/12/09	8/11/09	D9G300332-001 **LHA07-1-AED**	DR	11	P2	SOLID	**29.47g** 2.00mL	NA	NA	NA	1:1	300.0	HEXANE	50.0	1ML GSV0883 072809 1ML GSV0893 073009
COMMENTS:															
8/12/09	8/11/09	D9G300332-002 **LHA08-1-AA**	DR	11	P2	SOLID	**28.42g** 2.00mL	NA	NA	NA	1:1	300.0	HEXANE	50.0	1ML GSV0893 073009
COMMENTS:															
8/12/09	8/12/09	D9G310187-001 **LHC04-1-AA**	DR	11	P2	SOLID	**29.15g** 2.00mL	NA	NA	NA	1:1	300.0	HEXANE	50.0	1ML GSV0893 073009
COMMENTS:															
8/12/09	8/12/09	D9G310187-002 **LHC1K-1-AA**	DR	11	P2	SOLID	**28.90g** 2.00mL	NA	NA	NA	1:1	300.0	HEXANE	50.0	1ML GSV0893 073009
COMMENTS:															
8/12/09	0/00/00	D9H030000-329 **LHFXQ-1-AA**B		11	P2	SOLID	**29.43g** 2.00mL	NA	NA	NA	1:1	300.0	HEXANE	50.0	1ML GSV0893 073009
COMMENTS:															

RQC058

TestAmerica Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 8/05/09
Time: 20:40:52

QC BATCH: 9215329

PREP DATE: 8/03/09 17:00
COMP DATE: 8/05/09 20:45

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	VOL	EXCHANGE	VOL	SPIKE STANDARD/ SURROGATE ID
8/12/09	0/00/00	D9H030000-329 **LHFXQ-1-ACC**		11	P2	SOLID	**28.57g** 2.00mL	NA	NA	NA	1:1	300.0	HEXANE	50.0	1ML GSV0883 072809 1ML GSV0893 073009

COMMENTS:

DV-OP-0010/7 BAL:J61947 NA2SO4:H09600 SAND:XV0975 1:1-H24E28 S/S:CRC-A W:KH
ON 8/3@1700 TURBO VAP B& C 40C HEXANE H11E04 PIP OP-P1 @2

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

NUMBER OF WORK ORDERS IN BATCH: 8

GC SEMIVOLATILE INSTRUMENT LOG SHEETS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Sequence: C:\HPCHEM\2\SEQUENCE\D080809.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	8141 CCV GSV861				
4	Vial 4	LG34C1AA,MB				
5	Vial 5	LGW541AA,293-1				
6	Vial 6	LGW551AA,293-2				
7	Vial 7	LGW561AA,293-3				
8	Vial 8	LGW571AA,293-4				
9	Vial 9	LG8TE1AA,MB				
10	Vial 10	LGW581AA,293-5				
11	Vial 11	LGW591AA,293-6				
12	Vial 12	LGW6A1AA,293-7				
13	Vial 13	LGW6C1AA,293-8				
14	Vial 14	8141 CCV GSV861				
15	Vial 15	LHF291AA,MB				
16	Vial 16	LHF291AC,LCS				
17	Vial 17	LHF291AD,LCSD				
18	Vial 18	LG7QW1AA,166-1				
19	Vial 19	LHCVW1AA,166-2				
20	Vial 20	LHCX51AA,185-1				
21	Vial 21	LHF3A1AA,MB				
22	Vial 22	LHF3A1AC,LCS				
23	Vial 23	LHF3A1AD,LCSD				
24	Vial 24	LHC3A1AA,193-1				
25	Vial 25	LHC3E1AA,193-2				
26	Vial 26	LHC3G1AA,193-3				
27	Vial 27	LHC3J1AA,193-4				
28	Vial 28	LHC3M1AA,193-5				
29	Vial 29	LHC3P1AA,193-6				
30	Vial 30	LHC3Q1AA,193-7				
31	Vial 31	8141 CCV GSV861				
32	Vial 32	LHKE31AA,MB				
33	Vial 33	LHK3E1AC,LCS				
34	Vial 34	LHK3E1AD,LCSD				
35	Vial 35	LHHN71AA,268-1				
36	Vial 36	LHHN81AA,268-2				
37	Vial 37	LHHN91AA,268-3				
38	Vial 38	LHHPA1AA,268-4				
39	Vial 39	LHHPC1AA,268-5				
40	Vial 40	LHHPD1AA,268-6				
41	Vial 41	LHHPE1AA,268-7				
42	Vial 42	LHHPF1AA,268-8				
43	Vial 43	LHK3A1AA,MB				
44	Vial 44	LHK3A1AC,LCS				
45	Vial 45	LHK3A1AD,LCSD				
46	Vial 46	LHG7R1AA,197-1				
47	Vial 47	LHJ511AA,234-1				
48	Vial 48	8141 CCV GSV861				
49	Vial 49	LHFXQ1AA,MB				
50	Vial 50	LHFXQ1AC,LCS				
51	Vial 51	LHA071AA,332-1				
52	Vial 52	LHA071AD,332-1S				
53	Vial 53	LHA071AE,332-1D				
54	Vial 54	LHA081AA,332-2				
55	Vial 55	LHC041AA,187-1				
56	Vial 56	LHC1K1AA,187-2				
57	Vial 57	8141 CCV GSV861				
58	Vial 58	8141 L1 GSV862				
59	Vial 59	LG2M71AA,MB				

Sequence: C:\HPCHEM\2\SEQUENCE\D080809.S

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
60	Vial 60	LG2M71AC,LCS				
61	Vial 61	LGQ171AQ,204-2				
62	Vial 62	LGQ171D0,204-2S				
63	Vial 63	LGQ171D1,204-2D				
64	Vial 64	LGQ2E1AQ,204-7				
65	Vial 65	LGQ2F1AQ,204-8				
66	Vial 66	LGQ2G1AQ,204-9				
67	Vial 67	LGQ2H1AQ,204-10				
68	Vial 68	LGQ2J1AQ,204-11				
69	Vial 69	8141 CCV GSV861				
70	Vial 70	LGQ2K1AQ,204-12				
71	Vial 71	LGQ2L1AQ,204-13				
72	Vial 72	LGQ2M1AQ,204-14				
73	Vial 73	LGQ2N1AQ,204-15				
74	Vial 74	LGT191AT,319-17				
75	Vial 75	LGT2A1A5,319-18				
76	Vial 76	LGT2C1A5,319-19				
77	Vial 77	LGT2D1AG,319-20				
78	Vial 78	LGT2F1AG,319-22				
79	Vial 79	8141 CCV GSV861				
80	Vial 80	8141 L1 GSV862				
81	Vial 2	HEXANE/ACETONE				

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_D.i\0808091.B/048F4801.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 048F4801.D
Analysis Type: NONE

Injection Date: 09-AUG-2009 20:00
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.3366	6.5	15.0	
2	Dichlorvos	2.5000	2.7926	11.7	15.0	
3	Mevinphos	2.5000	2.8105	12.4	15.0	
4	Chlormefos	2.5000	2.1455	14.2	15.0	
5	Thionazin	2.5000	2.4577	1.7	15.0	
6	Demeton-O	0.8125	0.7711	5.1	15.0	
7	Ethoprop	2.5000	2.3853	4.6	15.0	
8	Naled	2.5000	1.8917	24.3	15.0	<-
9	Sulfotepp	2.5000	2.3936	4.3	15.0	
10	Phorate	2.5000	2.3231	7.1	15.0	
11	Dimethoate	2.5000	2.4617	1.5	15.0	
12	Demeton-S	1.7000	1.6981	0.1	15.0	
13	Simazine	2.5000	2.3610	5.6	15.0	
14	Atrazine	2.5000	2.3957	4.2	15.0	
15	propazine	2.5000	2.4797	0.8	15.0	
17	Disulfoton	2.5000	2.3369	6.5	15.0	
16	Diazinon	2.5000	2.4742	1.0	15.0	
18	Methyl Parathion	2.5000	2.4393	2.4	15.0	
19	Ronnel	2.5000	2.3569	5.7	15.0	
20	Malathion	2.5000	2.3811	4.8	15.0	
21	Fenthion	2.5000	2.3570	5.7	15.0	
22	Parathion	2.5000	2.3366	6.5	15.0	
23	Chlorpyrifos	2.5000	2.2921	8.3	15.0	
24	Trichloronate	2.5000	2.2284	10.9	15.0	
25	Anilazine	2.5000	1.3600	45.6	15.0	<-
148	Merphos-A (Merphos)	2.5000	1.0816	56.7	999.0	
26	Tetrachlorvinphos (Stirophos)	2.5000	2.1967	12.1	15.0	
28	Tokuthion	2.5000	2.2720	9.1	15.0	
149	Merphos-B (Merphos Oxone)	2.5000	10.0910	303.6	999.0	
29	Carbophenothion-methyl	2.5000	2.3476	6.1	15.0	
29	Fensulfothion	2.5000	2.4620	1.5	15.0	
30	Bolstar / Famphur	5.0000	4.6721	6.6	15.0	
32	Carbophenothion	2.5000	2.3723	5.1	15.0	
31	Triphenyl phosphate	2.5000	2.4591	1.6	15.0	
34	Phosmet	2.5000	2.2985	8.1	15.0	
32	EPN	2.5000	2.3327	6.7	15.0	
33	Azinphos-methyl	2.5000	2.3458	6.2	15.0	
38	Azinphos-ethyl	2.5000	2.3038	7.8	15.0	
36	Coumaphos	2.5000	2.2047	11.8	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B/048F4801.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 048F4801.D
Analysis Type: NONE

Injection Date: 09-AUG-2009 20:00
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
40 Total Demeton	2.5000	2.4692	1.2	15.0
27 Merphos	2.5000	2.3333	6.7	15.0

Average %D = 15.9

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\048F4801.D
Lab Smp Id: 8141 CCV GSV861 Client Smp ID: 8141 CCV GSV861
Inj Date : 09-AUG-2009 20:00
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 CCV GSV861
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Meth Date : 10-Aug-2009 13:51 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 Cal File: 009F0901.D
Als bottle: 48 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	4.280	4.267	(0.312)	1844066	2.50000	2.337(M)
2	Dichlorvos	5.869	5.865	(0.428)	982521	2.50000	2.793
3	Mevinphos	9.406	9.407	(0.686)	472488	2.50000	2.810
$ 4	Chlormefos	9.515	9.502	(0.694)	1382633	2.50000	2.145
5	Thionazin	12.631	12.625	(0.921)	1188408	2.50000	2.458
6	Demeton-O	12.887	12.876	(0.939)	305818	0.81250	0.7711
7	Ethoprop	13.208	13.205	(0.963)	1035510	2.50000	2.385
8	Naled	13.485	13.482	(0.983)	299016	2.50000	1.892
* 9	Tributylphosphate	13.718	13.714	(1.000)	836019	2.00000	
10	Sulfotepp	14.154	14.143	(1.032)	1566684	2.50000	2.394
11	Phorate	14.237	14.227	(1.038)	1001240	2.50000	2.323
12	Dimethoate	14.410	14.416	(1.050)	972237	2.50000	2.462
13	Demeton-S	14.684	14.682	(1.070)	605079	1.70000	1.698
14	Simazine	14.786	14.783	(1.078)	339710	2.50000	2.361
15	Atrazine	15.003	14.997	(1.094)	449977	2.50000	2.396
16	propazine	15.186	15.178	(1.107)	456914	2.50000	2.480
17	Disulfoton	15.874	15.866	(0.586)	913689	2.50000	2.337
18	Diazinon	15.941	15.934	(0.589)	1033260	2.50000	2.474
19	Methyl Parathion	16.843	16.829	(0.622)	742581	2.50000	2.439
20	Ronnel	17.467	17.456	(0.645)	751232	2.50000	2.357
21	Malathion	18.144	18.134	(0.670)	662142	2.50000	2.381
22	Fenthion	18.296	18.284	(0.676)	767309	2.50000	2.357
23	Parathion	18.403	18.392	(0.680)	765118	2.50000	2.337
24	Chlorpyrifos	18.461	18.451	(0.682)	891732	2.50000	2.292
25	Trichloronate	18.970	18.958	(0.701)	883058	2.50000	2.228
26	Anilazine	19.369	19.345	(0.715)	34354	2.50000	1.360
27	Merphos-A (Merphos)	19.812	19.804	(0.732)	266759	2.50000	1.082
28	Tetrachlorvinphos (Stirophos)	20.539	20.532	(0.758)	483880	2.50000	2.197
29	Tokuthion	21.292	21.278	(0.786)	856302	2.50000	2.272
30	Merphos-B (Merphos Oxone)	21.547	21.536	(0.796)	589354	2.50000	10.09(A)
31	Carbophenothion-methyl	22.271	22.254	(0.822)	610084	2.50000	2.348
32	Fensulfothion	22.480	22.465	(0.830)	578608	2.50000	2.462
33	Bolstar / Famphur	23.641	23.627	(0.873)	1515983	5.00000	4.672

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	23.969	23.947	(0.885)	723410	2.50000	2.372
$	35 Triphenyl phosphate	25.286	25.270	(0.934)	596126	2.50000	2.459(A)
	36 Phosmet	25.786	25.769	(0.952)	567789	2.50000	2.298
	37 EPN	26.109	26.097	(0.964)	731808	2.50000	2.333
	38 Azinphos-methyl	26.598	26.584	(0.982)	546280	2.50000	2.346
*	39 TOCP	27.081	27.076	(1.000)	555487	2.00000	
	40 Azinphos-ethyl	27.179	27.172	(1.004)	665056	2.50000	2.304
	41 Coumaphos	27.705	27.694	(1.023)	527387	2.50000	2.205
M	42 Total Demeton				910897	2.50000	2.469
M	43 Merphos				856113	2.50000	2.333

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

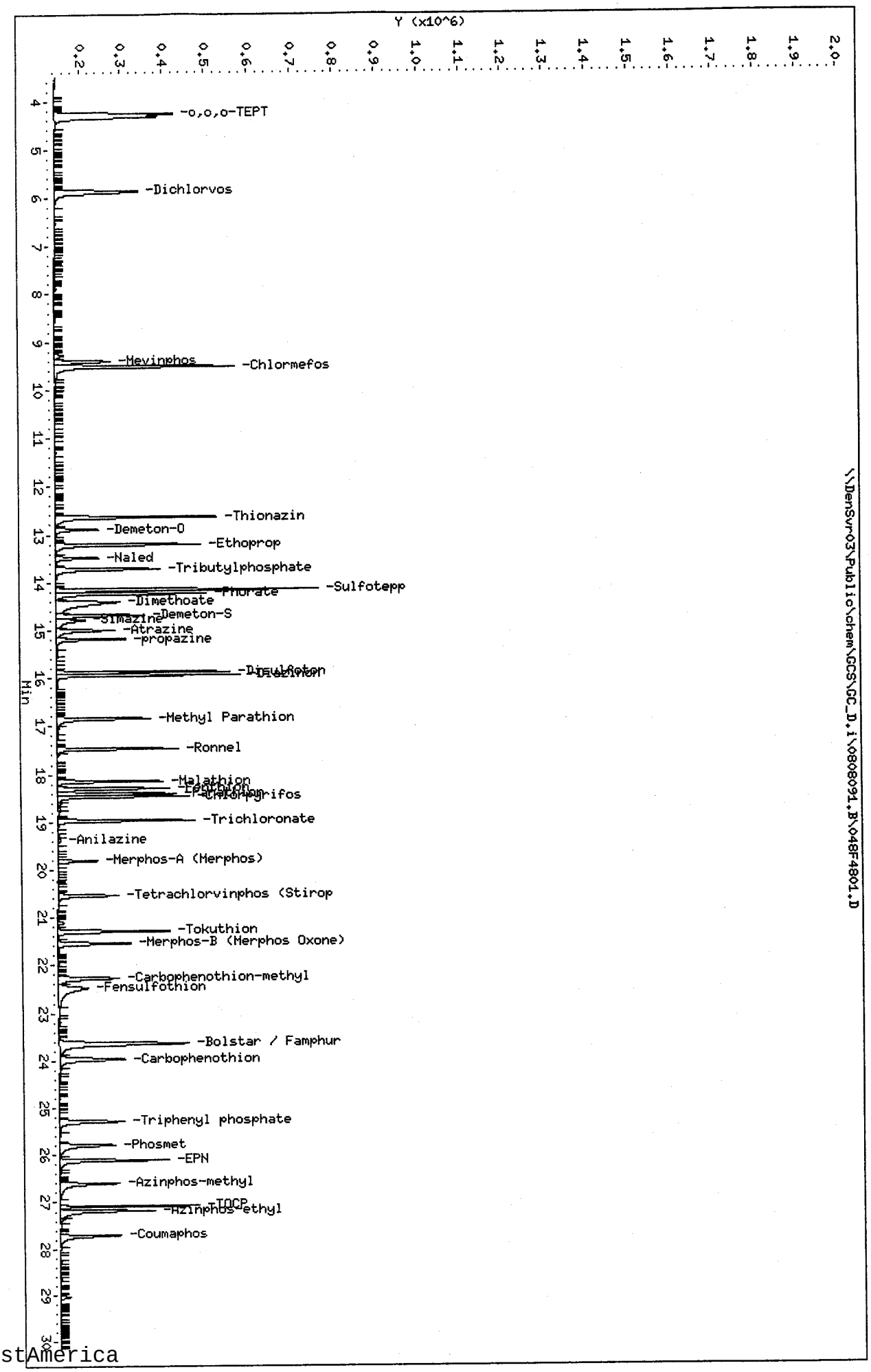
Instrument ID: GC_D.i
Lab File ID: 048F4801.D
Lab Smp Id: 8141 CCV GSV861
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Misc Info:

Calibration Date: 09-AUG-2009
Calibration Time: 09:41
Client Smp ID: 8141 CCV GSV861
Level:
Sample Type:

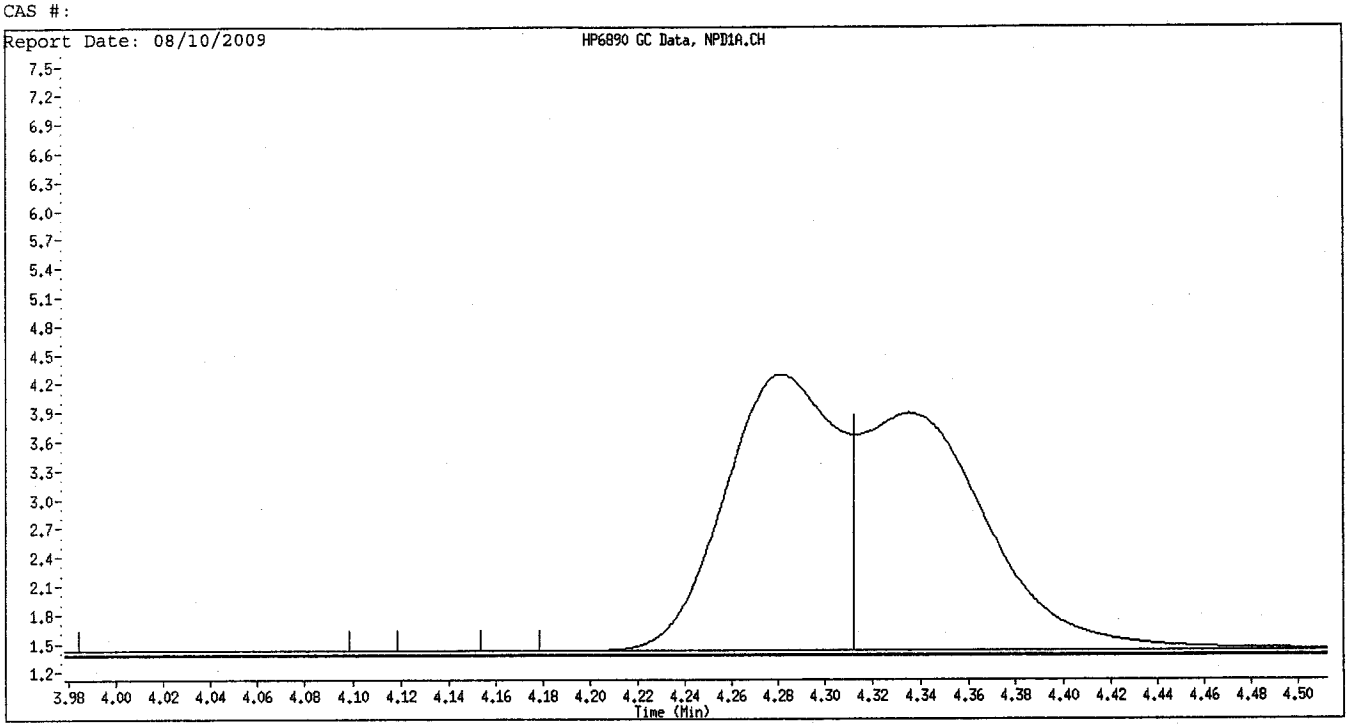
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	715675	357838	1431350	836019	16.82
39 TOCP	472782	236391	945564	555487	17.49

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.72	13.22	14.22	13.72	-0.02
39 TOCP	27.08	26.58	27.58	27.08	-0.00

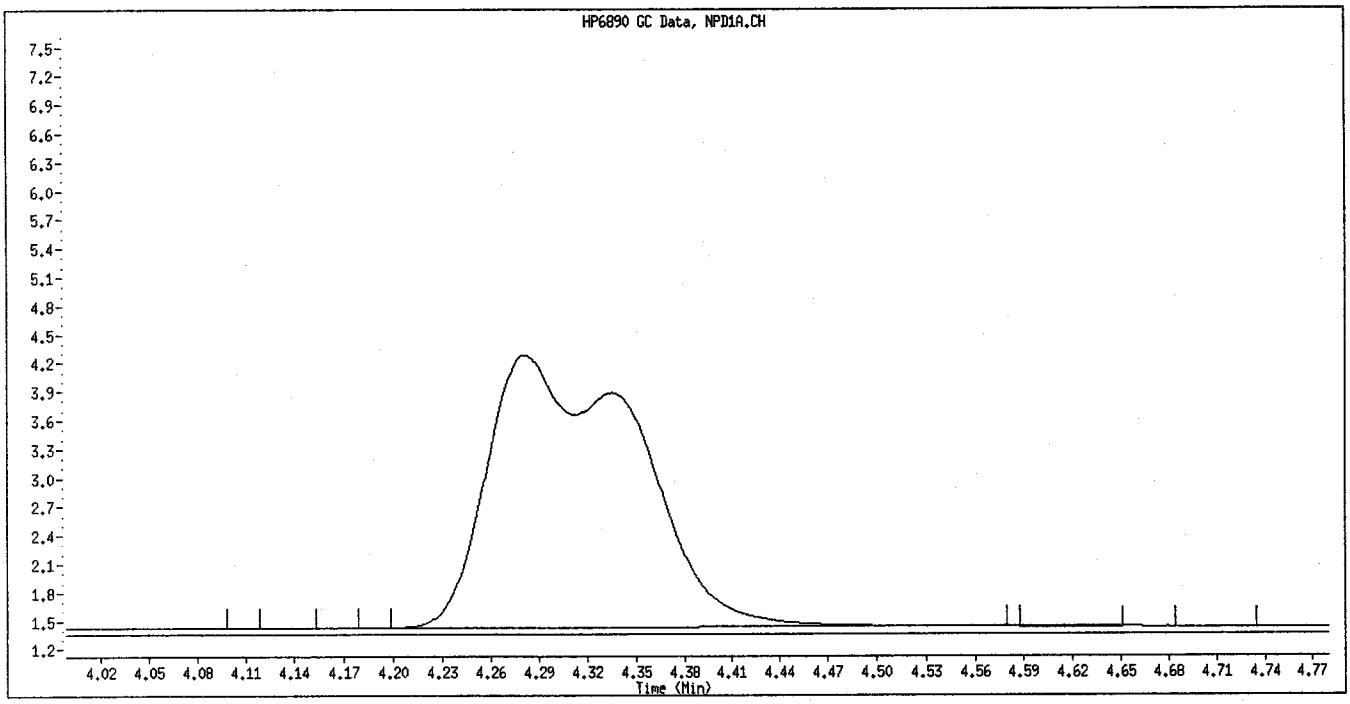
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\DenSvr03\Public\chem\GCS\GC_D,i\0808091,B\048F4801.D
Date : 09-AUG-2009 20:00
Client ID: 8141 CCV GSV861
Sample Info: 8141 CCV GSV861
Column phase: RTx-1MS
Instrument: GC_D,i
Operator: MPK/TLW
Column diameter: 0.32
\\DenSvr03\Public\chem\GCS\GC_D,i\0808091,B\048F4801.D
Y (x10^6)
Min
-o,o,o-TEPT
-Dichlorvos
-Mevinphos
-Chlormefos
-Thionazin
-Demeton-O
-Ethoprop
-Naled
-Tributylphosphate
-Sulfotepp
-Phorate
-Dimethoate
-Demeton-S
-Simazine
-Atrazine
-propazine
-Diazinon
-Methyl Parathion
-Ronnel
-Malathion
-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

Data File Name: 048F4801.D
Inj. Date and Time: 09-AUG-2009 20:00
Instrument ID: GC_D.i
Client ID: 8141 CCV GSV861
Compound Name: o,o,o-TEPT
CAS #:



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

yk 8/10/09

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B/048F4801.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 048F4801.D
Analysis Type: NONE

Injection Date: 09-AUG-2009 20:00
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.3083	7.7	15.0	
2	Dichlorvos	2.5000	3.1206	24.8	15.0	<-
3	Chlormefos	2.5000	2.3838	4.6	15.0	
4	Mevinphos	2.5000	2.8646	14.6	15.0	
5	Demeton-O	0.8125	0.8017	1.3	15.0	
6	Thionazin	2.5000	2.5263	1.1	15.0	
7	Ethoprop	2.5000	2.5050	0.2	15.0	
10	Naled	2.5000	2.1149	15.4	15.0	<-
145	Sulfotepp	2.5000	2.3218	7.1	15.0	
8	Phorate	2.5000	2.3044	7.8	15.0	
15	Demeton-S	1.7000	1.6959	0.2	15.0	
10	Simazine	2.5000	2.2676	9.3	15.0	
13	Atrazine / Propazine	5.0000	4.7470	5.1	15.0	
16	Dimethoate	2.5000	2.6299	5.2	15.0	
11	Diazinon	2.5000	2.3437	6.3	15.0	
14	Disulfoton	2.5000	2.2859	8.6	15.0	
23	Methyl Parathion	2.5000	2.6211	4.8	15.0	
17	Ronnel	2.5000	2.3959	4.2	15.0	
24	Malathion	2.5000	2.3378	6.5	15.0	
18	Chlorpyrifos	2.5000	2.3965	4.1	15.0	
20	Trichloronate	2.5000	2.1863	12.5	15.0	
26	Parathion	2.5000	2.3639	5.4	15.0	
19	Fenthion	2.5000	2.4501	2.0	15.0	
151	Merphos-A (Merphos)	2.5000	1.0763	56.9	999.0	
21	Anilazine	2.5000	0.8307	66.8	15.0	<-
27	Tetrachlorvinphos (stirophos)	2.5000	2.2724	9.1	15.0	
25	Tokuthion	2.5000	2.2652	9.4	15.0	
148	Merphos-B (Merphos oxone)	2.5000	11.2942	351.8	999.0	
28	Carbophenothion methyl	2.5000	2.5115	0.5	15.0	
30	Fensulfothion	2.5000	2.3747	5.0	15.0	
28	Bolstar	2.5000	2.2463	10.1	15.0	
30	Carbophenothion	2.5000	2.3237	7.1	15.0	
33	Famphur	2.5000	2.5782	3.1	15.0	
29	Triphenyl phosphate	2.5000	2.4132	3.5	15.0	
32	EPN	2.5000	2.3664	5.3	15.0	
34	Phosmet	2.5000	2.3119	7.5	15.0	
34	Azinphos-methyl	2.5000	2.3745	5.0	15.0	
35	Azinphos-ethyl	2.5000	2.4542	1.8	15.0	
36	Coumaphos	2.5000	2.2102	11.6	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B/048F4801.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 048F4801.D
Analysis Type: NONE

Injection Date: 09-AUG-2009 20:00
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
40 Total Demeton	2.5000	2.4977	0.1	15.0
22 Merphos	2.5000	2.4525	1.9	15.0

Average %D = 17.4

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\048F4801.D
Lab Smp Id: 8141 CCV GSV861 Client Smp ID: 8141 CCV GSV861
Inj Date : 09-AUG-2009 20:00
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 CCV GSV861
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Meth Date : 10-Aug-2009 13:57 williamst Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 Cal File: 009F0901.D
Als bottle: 48 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	6.779	6.758	(0.418)	2031389	2.50000	2.308
	2 Dichlorvos	8.965	8.952	(0.553)	1224135	2.50000	3.120
$	3 Chlormefos	12.896	12.885	(0.796)	1388626	2.50000	2.384
	4 Mevinphos	13.014	13.006	(0.803)	693817	2.50000	2.865
	5 Demeton-O	15.947	15.939	(0.984)	288693	0.81250	0.8017
	6 Thionazin	16.075	16.067	(0.992)	1347804	2.50000	2.526
*	7 Tributylphosphate	16.203	16.193	(1.000)	941095	2.00000	
	8 Ethoprop	16.342	16.332	(1.009)	1179632	2.50000	2.505
	9 Naled	16.929	16.921	(1.045)	361228	2.50000	2.115
	10 Sulfotepp	17.242	17.234	(1.064)	1825339	2.50000	2.322
	11 Phorate	17.279	17.268	(1.066)	916348	2.50000	2.304
	12 Demeton-S	17.972	17.962	(1.109)	612831	1.70000	1.696
	13 Simazine	18.378	18.368	(1.134)	235631	2.50000	2.268
	14 Atrazine / Propazine	18.443	18.434	(1.138)	1025328	5.00000	4.747
	15 Dimethoate	18.579	18.569	(1.147)	1213873	2.50000	2.630
	16 Diazinon	18.977	18.967	(1.171)	1093243	2.50000	2.344
	17 Disulfoton	19.240	19.231	(1.187)	1076999	2.50000	2.286
	18 Methyl Parathion	21.143	21.132	(0.736)	863303	2.50000	2.621(A)
	19 Ronnel	21.232	21.222	(0.740)	943200	2.50000	2.396
	20 Malathion	22.504	22.492	(0.784)	741572	2.50000	2.338
	21 Chlorpyrifos	22.658	22.644	(0.789)	883285	2.50000	2.396
	22 Trichloronate	22.834	22.819	(0.795)	998443	2.50000	2.186
	23 Parathion	22.879	22.866	(0.797)	956382	2.50000	2.364
	24 Fenthion	22.954	22.942	(0.800)	986732	2.50000	2.450
	25 Merphos-A (Merphos)	23.485	23.472	(0.818)	283430	2.50000	1.076
	26 Anilazine	24.470	24.451	(0.852)	22002	2.50000	0.8307
	27 Tetrachlorvinphos (stirophos)	25.876	25.869	(0.901)	592117	2.50000	2.272
	28 Tokuthion	26.050	26.043	(0.907)	976463	2.50000	2.265
	29 Merphos-B (Merphos oxone)	26.182	26.176	(0.912)	698615	2.50000	11.29(A)
	30 Carbophenothion methyl	27.004	26.999	(0.941)	756864	2.50000	2.512
	31 Fensulfothion	27.242	27.237	(0.949)	622777	2.50000	2.375
	32 Bolstar	27.350	27.347	(0.953)	926919	2.50000	2.246
	33 Carbophenothion	27.463	27.460	(0.957)	801430	2.50000	2.324

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Famphur	27.648	27.644	(0.963)	812540	2.50000	2.578
$	35 Triphenyl phosphate	27.937	27.932	(0.973)	711749	2.50000	2.413
	36 EPN	28.242	28.240	(0.984)	800476	2.50000	2.366
	37 Phosmet	28.369	28.366	(0.988)	640656	2.50000	2.312
*	38 TOCP	28.708	28.705	(1.000)	681586	2.00000	
	39 Azinphos-methyl	28.820	28.816	(1.004)	550457	2.50000	2.374
	40 Azinphos-ethyl	29.133	29.127	(1.015)	606771	2.50000	2.454
	41 Coumaphos	29.460	29.453	(1.026)	491471	2.50000	2.210
M	42 Total Demeton				901524	2.50000	2.498
M	43 Merphos				982045	2.50000	2.452(A)

QC Flag Legend

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

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

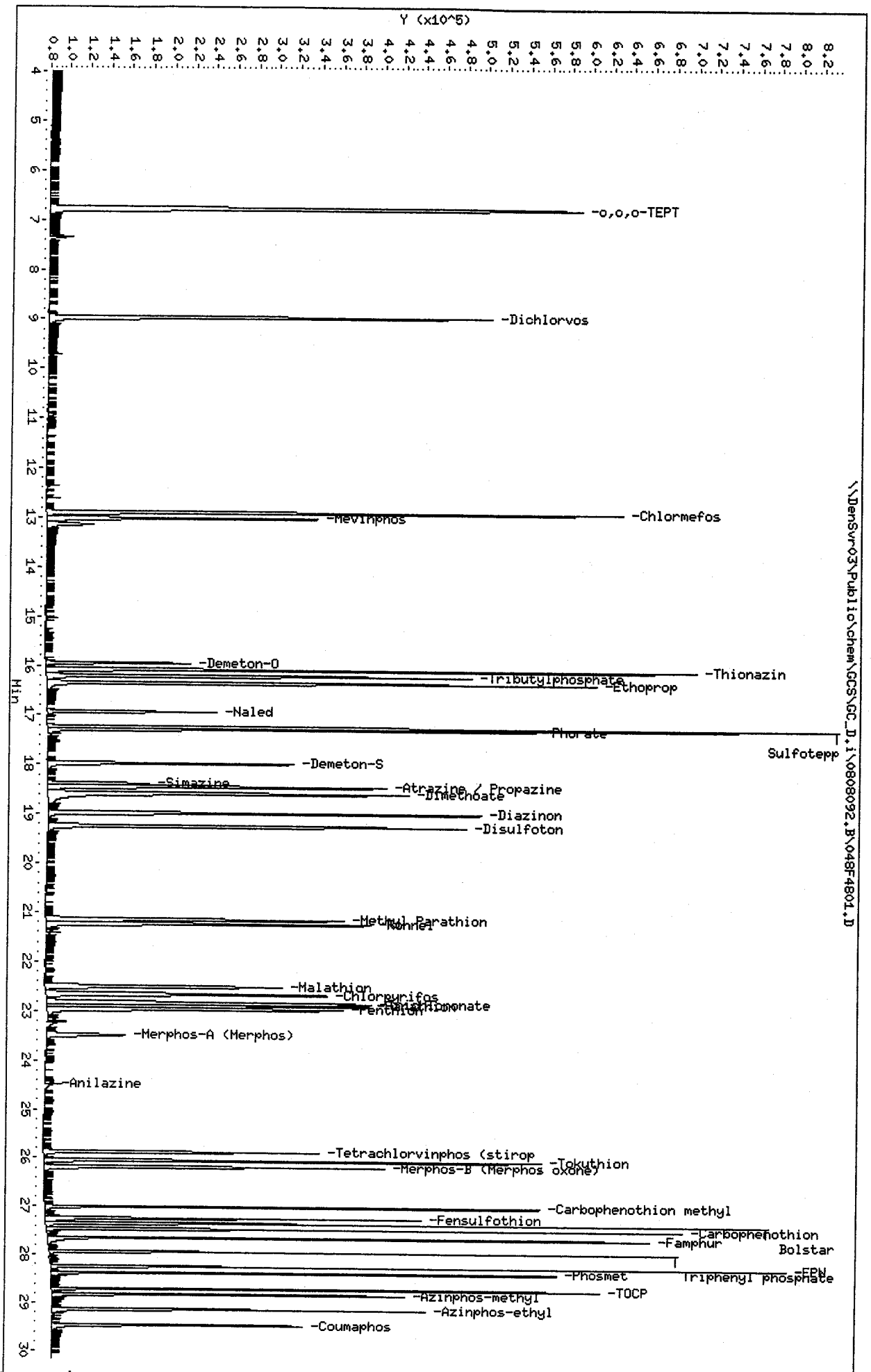
Instrument ID: GC_D.i
Lab File ID: 048F4801.D
Lab Smp Id: 8141 CCV GSV861
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Misc Info:

Calibration Date: 09-AUG-2009
Calibration Time: 09:41
Client Smp ID: 8141 CCV GSV861
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	869227	434614	1738454	941095	8.27
38 TOCP	630081	315041	1260162	681586	8.17

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.21	15.71	16.71	16.20	-0.03
38 TOCP	28.71	28.21	29.21	28.71	-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_D.i\0808092.B\048F4801.D
Date : 09-AUG-2009 20:00
Client ID: 8141 CCV GSV861
Sample Info: 8141 CCV GSV861
Column phase: RTx-OPPest

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

\\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\048F4801.D

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B/057F5701.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 057F5701.D
Analysis Type: NONE

Injection Date: 10-AUG-2009 01:28
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.2647	9.4	15.0	
2	Dichlorvos	2.5000	2.8150	12.6	15.0	
3	Mevinphos	2.5000	2.9233	16.9	15.0	<-
4	Chlormefos	2.5000	2.1616	13.5	15.0	
5	Thionazin	2.5000	2.4229	3.1	15.0	
6	Demeton-O	0.8125	0.7953	2.1	15.0	
7	Ethoprop	2.5000	2.3823	4.7	15.0	
8	Naled	2.5000	2.0677	17.3	15.0	<-
9	Sulfotepp	2.5000	2.3718	5.1	15.0	
10	Phorate	2.5000	2.3256	7.0	15.0	
11	Dimethoate	2.5000	2.5149	0.6	15.0	
12	Demeton-S	1.7000	1.6930	0.4	15.0	
13	Simazine	2.5000	2.1523	13.9	15.0	
14	Atrazine	2.5000	2.2724	9.1	15.0	
15	propazine	2.5000	2.3218	7.1	15.0	
17	Disulfoton	2.5000	2.2767	8.9	15.0	
16	Diazinon	2.5000	2.3177	7.3	15.0	
18	Methyl Parathion	2.5000	2.3659	5.4	15.0	
19	Ronnel	2.5000	2.4463	2.1	15.0	
20	Malathion	2.5000	2.3558	5.8	15.0	
21	Fenthion	2.5000	2.3417	6.3	15.0	
22	Parathion	2.5000	2.3651	5.4	15.0	
23	Chlorpyrifos	2.5000	2.3504	6.0	15.0	
24	Trichloronate	2.5000	2.3524	5.9	15.0	
25	Anilazine	2.5000	1.5402	38.4	15.0	<-
148	Merphos-A (Merphos)	2.5000	1.9808	20.8	999.0	
26	Tetrachlorvinphos (Stirophos)	2.5000	2.3408	6.4	15.0	
28	Tokuthion	2.5000	2.3391	6.4	15.0	
149	Merphos-B (Merphos Oxone)	2.5000	4.1689	66.8	999.0	
29	Carbophenothion-methyl	2.5000	2.4075	3.7	15.0	
29	Fensulfothion	2.5000	2.6161	4.6	15.0	
30	Bolstar / Famphur	5.0000	4.6347	7.3	15.0	
32	Carbophenothion	2.5000	2.4244	3.0	15.0	
31	Triphenyl phosphate	2.5000	2.4644	1.4	15.0	
34	Phosmet	2.5000	2.3545	5.8	15.0	
32	EPN	2.5000	2.3328	6.7	15.0	
33	Azinphos-methyl	2.5000	2.4994	0.0	15.0	
38	Azinphos-ethyl	2.5000	2.3487	6.1	15.0	
36	Coumaphos	2.5000	2.3628	5.5	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B/057F5701.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 057F5701.D
Analysis Type: NONE

Injection Date: 10-AUG-2009 01:28
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
40 Total Demeton	2.5000	2.4883	0.5	15.0
27 Merphos	2.5000	2.3799	4.8	15.0

Average %D = 8.88

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\057F5701.D
Lab Smp Id: 8141 CCV GSV861 Client Smp ID: 8141 CCV GSV861
Inj Date : 10-AUG-2009 01:28
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 CCV GSV861
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Meth Date : 10-Aug-2009 13:51 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 Cal File: 009F0901.D
Als bottle: 57 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	4.279	4.267	(0.312)	1343923	2.50000	2.265 (M)
	2 Dichlorvos	5.863	5.865	(0.428)	742211	2.50000	2.815
	3 Mevinphos	9.400	9.407	(0.686)	370672	2.50000	2.923
$	4 Chlormefos	9.514	9.502	(0.694)	1043925	2.50000	2.162
	5 Thionazin	12.629	12.625	(0.921)	877676	2.50000	2.423
	6 Demeton-O	12.885	12.876	(0.940)	236200	0.81250	0.7953
	7 Ethoprop	13.204	13.205	(0.963)	774989	2.50000	2.382
	8 Naled	13.482	13.482	(0.983)	247565	2.50000	2.068
*	9 Tributylphosphate	13.711	13.714	(1.000)	626523	2.00000	
	10 Sulfotepp	14.151	14.143	(1.032)	1163387	2.50000	2.372
	11 Phorate	14.234	14.227	(1.038)	751122	2.50000	2.326
	12 Dimethoate	14.401	14.416	(1.050)	746994	2.50000	2.515
	13 Demeton-S	14.681	14.682	(1.071)	452067	1.70000	1.693
	14 Simazine	14.783	14.783	(1.078)	234100	2.50000	2.152
	15 Atrazine	14.999	14.997	(1.094)	318345	2.50000	2.272
	16 propazine	15.184	15.178	(1.107)	320603	2.50000	2.322
	17 Disulfoton	15.871	15.866	(0.586)	693993	2.50000	2.277
	18 Diazinon	15.938	15.934	(0.589)	757464	2.50000	2.318
	19 Methyl Parathion	16.838	16.829	(0.622)	561540	2.50000	2.366
	20 Ronnel	17.465	17.456	(0.645)	608495	2.50000	2.446
	21 Malathion	18.139	18.134	(0.670)	511244	2.50000	2.356
	22 Fenthion	18.292	18.284	(0.675)	594810	2.50000	2.342
	23 Parathion	18.399	18.392	(0.679)	604976	2.50000	2.365
	24 Chlorpyrifos	18.459	18.451	(0.682)	712068	2.50000	2.350
	25 Trichloronate	18.967	18.958	(0.700)	727458	2.50000	2.352
	26 Anilazine	19.362	19.345	(0.715)	31857	2.50000	1.540
	27 Merphos-A (Merphos)	19.810	19.804	(0.732)	399622	2.50000	1.981
	28 Tetrachlorvinphos (Stirophos)	20.535	20.532	(0.758)	403447	2.50000	2.341
	29 Tokuthion	21.288	21.278	(0.786)	687977	2.50000	2.339
	30 Merphos-B (Merphos Oxone)	21.543	21.536	(0.796)	281800	2.50000	4.169
	31 Carbophenothion-methyl	22.268	22.254	(0.822)	488788	2.50000	2.407
	32 Fensulfothion	22.462	22.465	(0.829)	483785	2.50000	2.616
	33 Bolstar / Famphur	23.633	23.627	(0.873)	1173371	5.00000	4.635

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	23.959	23.947	(0.885)	576956	2.50000	2.424
$	35 Triphenyl phosphate	25.283	25.270	(0.934)	466218	2.50000	2.464(A)
	36 Phosmet	25.778	25.769	(0.952)	454428	2.50000	2.354
	37 EPN	26.106	26.097	(0.964)	571121	2.50000	2.333
	38 Azinphos-methyl	26.590	26.584	(0.982)	456152	2.50000	2.499
*	39 TOCP	27.079	27.076	(1.000)	433498	2.00000	
	40 Azinphos-ethyl	27.176	27.172	(1.004)	529104	2.50000	2.349
	41 Coumaphos	27.698	27.694	(1.023)	442094	2.50000	2.363
M	42 Total Demeton				688267	2.50000	2.488
M	43 Merphos				681422	2.50000	2.380

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_D.i
Lab File ID: 057F5701.D
Lab Smp Id: 8141 CCV GSV861
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Misc Info:

Calibration Date: 09-AUG-2009
Calibration Time: 20:00
Client Smp ID: 8141 CCV GSV861
Level:
Sample Type:

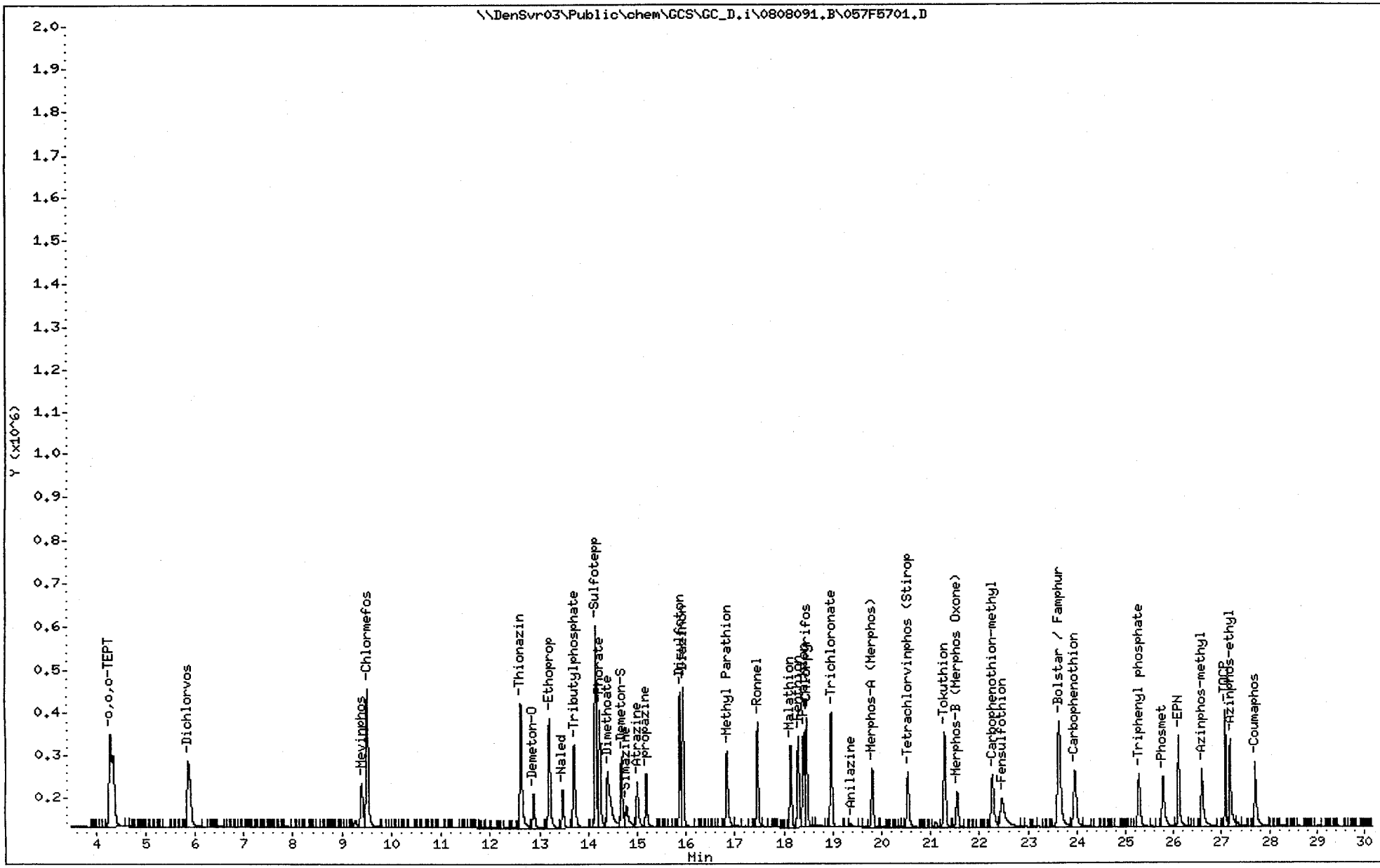
		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	836019	418010	1672038	626523	-25.06
39 TOCP	555487	277744	1110974	433498	-21.96

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.72	13.22	14.22	13.71	-0.05
39 TOCP	27.08	26.58	27.58	27.08	-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_D.i\0808091.B\057F5701.D
Date : 10-AUG-2009 01:28
Client ID: 8141 CCV GSV861
Sample Info: 8141 CCV GSV861

Instrument: GC_D.i
Operator: MPK/TLW
Column phase: RTx-1MS
Column diameter: 0.32



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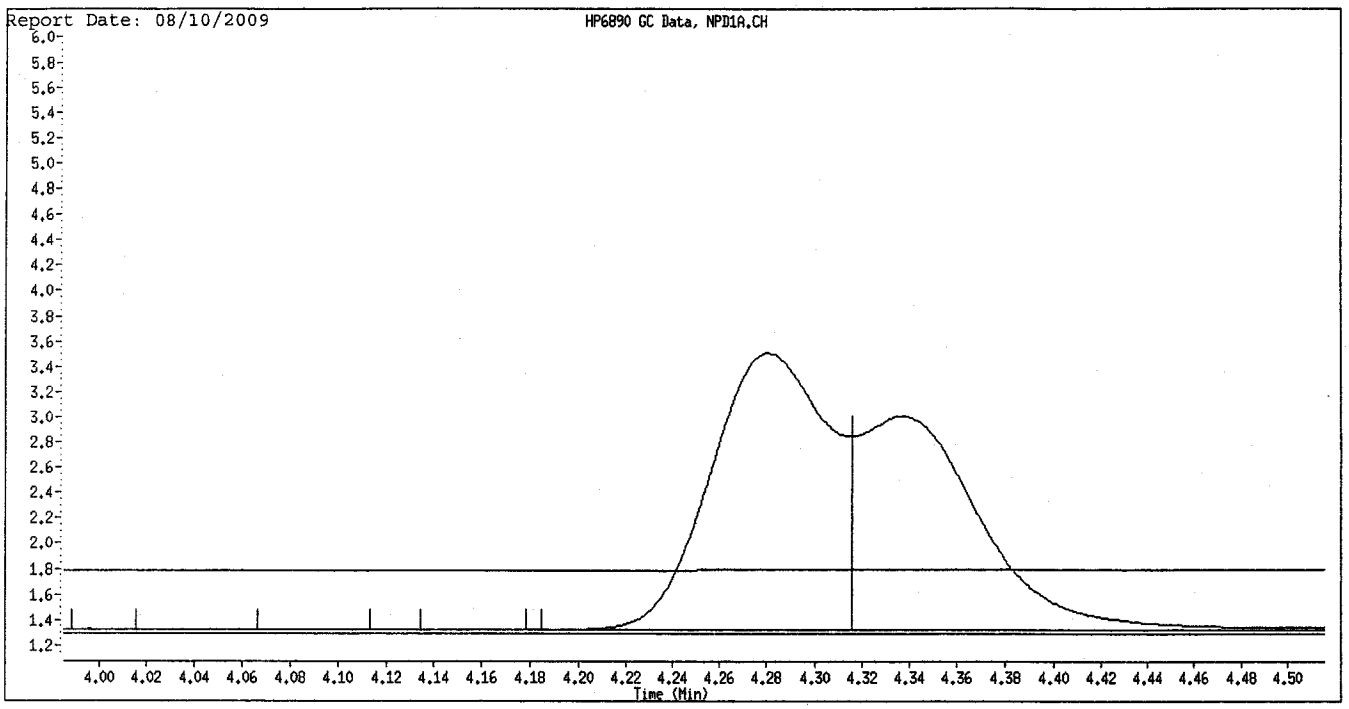
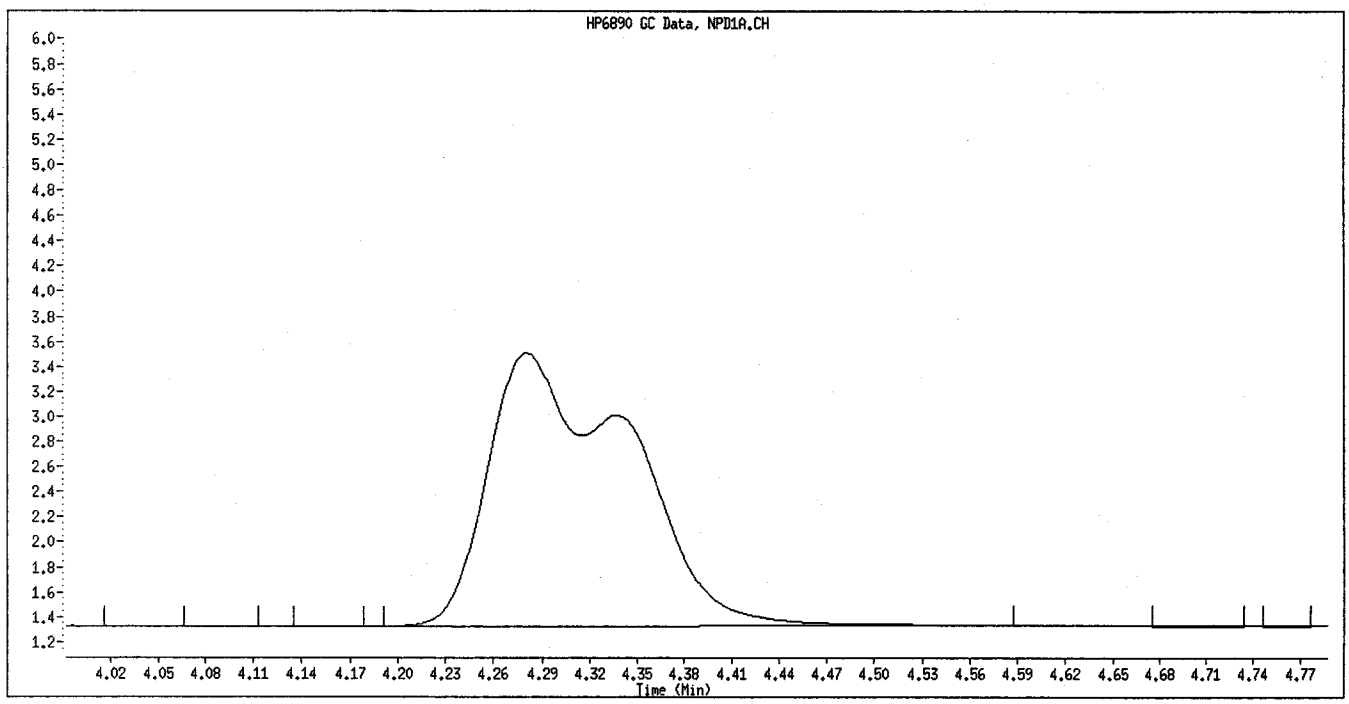
Data File Name: 057F5701.D
Inj. Date and Time: 10-AUG-2009 01:28
Instrument ID: GC_D.i
Client ID: 8141 CCV GSV861
Compound Name: o,o,o-TEPT
CAS #:



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

8/10/09

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B/057F5701.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 057F5701.D
Analysis Type: NONE

Injection Date: 10-AUG-2009 01:28
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.2311	10.8	15.0	
2	Dichlorvos	2.5000	3.1549	26.2	15.0	<-
3	Chlormefos	2.5000	2.4335	2.7	15.0	
4	Mevinphos	2.5000	2.8629	14.5	15.0	
5	Demeton-O	0.8125	0.8145	0.2	15.0	
6	Thionazin	2.5000	2.4738	1.0	15.0	
7	Ethoprop	2.5000	2.4985	0.1	15.0	
10	Naled	2.5000	2.2391	10.4	15.0	
145	Sulfotepp	2.5000	2.2957	8.2	15.0	
8	Phorate	2.5000	2.3464	6.1	15.0	
15	Demeton-S	1.7000	1.7606	3.6	15.0	
10	Simazine	2.5000	2.2166	11.3	15.0	
13	Atrazine / Propazine	5.0000	4.5736	8.5	15.0	
16	Dimethoate	2.5000	2.6129	4.5	15.0	
11	Diazinon	2.5000	2.2975	8.1	15.0	
14	Disulfoton	2.5000	2.3198	7.2	15.0	
23	Methyl Parathion	2.5000	2.5736	2.9	15.0	
17	Ronnel	2.5000	2.4201	3.2	15.0	
24	Malathion	2.5000	2.3035	7.9	15.0	
18	Chlorpyrifos	2.5000	2.4718	1.1	15.0	
20	Trichloronate	2.5000	2.2637	9.5	15.0	
26	Parathion	2.5000	2.3972	4.1	15.0	
19	Fenthion	2.5000	2.4649	1.4	15.0	
151	Merphos-A (Merphos)	2.5000	1.9643	21.4	999.0	
21	Anilazine	2.5000	0.6223	75.1	15.0	<-
27	Tetrachlorvinphos (stirophos)	2.5000	2.4073	3.7	15.0	
25	Tokuthion	2.5000	2.3560	5.8	15.0	
148	Merphos-B (Merphos oxone)	2.5000	5.1013	104.1	999.0	
28	Carbophenothion methyl	2.5000	2.6131	4.5	15.0	
30	Fensulfothion	2.5000	2.4895	0.4	15.0	
28	Bolstar	2.5000	2.2285	10.9	15.0	
30	Carbophenothion	2.5000	2.4255	3.0	15.0	
33	Famphur	2.5000	2.5436	1.7	15.0	
29	Triphenyl phosphate	2.5000	2.3855	4.6	15.0	
32	EPN	2.5000	2.4026	3.9	15.0	
34	Phosmet	2.5000	2.3796	4.8	15.0	
34	Azinphos-methyl	2.5000	2.5493	2.0	15.0	
35	Azinphos-ethyl	2.5000	2.5212	0.8	15.0	
36	Coumaphos	2.5000	2.3568	5.7	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B/057F5701.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 057F5701.D
Analysis Type: NONE

Injection Date: 10-AUG-2009 01:28
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
40 Total Demeton	2.5000	2.5751	3.0	15.0
22 Merphos	2.5000	2.5056	0.2	15.0

Average %D = 9.98

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\057F5701.D
Lab Smp Id: 8141 CCV GSV861 Client Smp ID: 8141 CCV GSV861
Inj Date : 10-AUG-2009 01:28
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 CCV GSV861
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Meth Date : 10-Aug-2009 13:58 williamst Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 Cal File: 009F0901.D
Als bottle: 57 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	6.776	6.758	(0.418)	1513781	2.50000	2.231
	2 Dichlorvos	8.963	8.952	(0.553)	954167	2.50000	3.155
$	3 Chlormefos	12.895	12.885	(0.796)	1092265	2.50000	2.434
	4 Mevinphos	13.010	13.006	(0.803)	534600	2.50000	2.863
	5 Demeton-O	15.945	15.939	(0.984)	226128	0.81250	0.8145
	6 Thionazin	16.073	16.067	(0.992)	1017555	2.50000	2.474
*	7 Tributylphosphate	16.198	16.193	(1.000)	725568	2.00000	
	8 Ethoprop	16.340	16.332	(1.009)	907283	2.50000	2.498
	9 Naled	16.927	16.921	(1.045)	296788	2.50000	2.239
	10 Sulfotepp	17.240	17.234	(1.064)	1391476	2.50000	2.296
	11 Phorate	17.276	17.268	(1.067)	719372	2.50000	2.346
	12 Demeton-S	17.969	17.962	(1.109)	490506	1.70000	1.761
	13 Simazine	18.373	18.368	(1.134)	176995	2.50000	2.217
	14 Atrazine / Propazine	18.440	18.434	(1.138)	761627	5.00000	4.574
	15 Dimethoate	18.574	18.569	(1.147)	929701	2.50000	2.613
	16 Diazinon	18.973	18.967	(1.171)	826235	2.50000	2.297
	17 Disulfoton	19.238	19.231	(1.188)	842633	2.50000	2.320
	18 Methyl Parathion	21.141	21.132	(0.736)	674367	2.50000	2.574(A)
	19 Ronnel	21.230	21.222	(0.740)	758442	2.50000	2.420
	20 Malathion	22.501	22.492	(0.784)	581544	2.50000	2.304
	21 Chlorpyrifos	22.653	22.644	(0.789)	725612	2.50000	2.472
	22 Trichloronate	22.829	22.819	(0.795)	823820	2.50000	2.264
	23 Parathion	22.875	22.866	(0.797)	770932	2.50000	2.397
	24 Fenthion	22.949	22.942	(0.799)	790170	2.50000	2.465
	25 Merphos-A (Merphos)	23.484	23.472	(0.818)	436757	2.50000	1.964
	26 Anilazine	24.462	24.451	(0.852)	12324	2.50000	0.6222
	27 Tetrachlorvinphos (stirophos)	25.875	25.869	(0.901)	500340	2.50000	2.407
	28 Tokuthion	26.049	26.043	(0.907)	808488	2.50000	2.356
	29 Merphos-B (Merphos oxone)	26.180	26.176	(0.912)	361894	2.50000	5.101(A)
	30 Carbophenothion methyl	27.003	26.999	(0.941)	626861	2.50000	2.613
	31 Fensulfothion	27.238	27.237	(0.949)	520637	2.50000	2.489
	32 Bolstar	27.349	27.347	(0.953)	732003	2.50000	2.228
	33 Carbophenothion	27.463	27.460	(0.957)	665946	2.50000	2.426

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Famphur	27.647	27.644	(0.963)	638132	2.50000	2.544
$	35 Triphenyl phosphate	27.935	27.932	(0.973)	560071	2.50000	2.385
	36 EPN	28.240	28.240	(0.984)	646970	2.50000	2.402
	37 Phosmet	28.368	28.366	(0.988)	525301	2.50000	2.380
*	38 TOCP	28.706	28.705	(1.000)	542574	2.00000	
	39 Azinphos-methyl	28.818	28.816	(1.004)	471212	2.50000	2.549
	40 Azinphos-ethyl	29.130	29.127	(1.015)	496189	2.50000	2.521
	41 Coumaphos	29.457	29.453	(1.026)	417718	2.50000	2.357
M	42 Total Demeton				716634	2.50000	2.575
M	43 Merphos				798651	2.50000	2.506(A)

QC Flag Legend

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

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

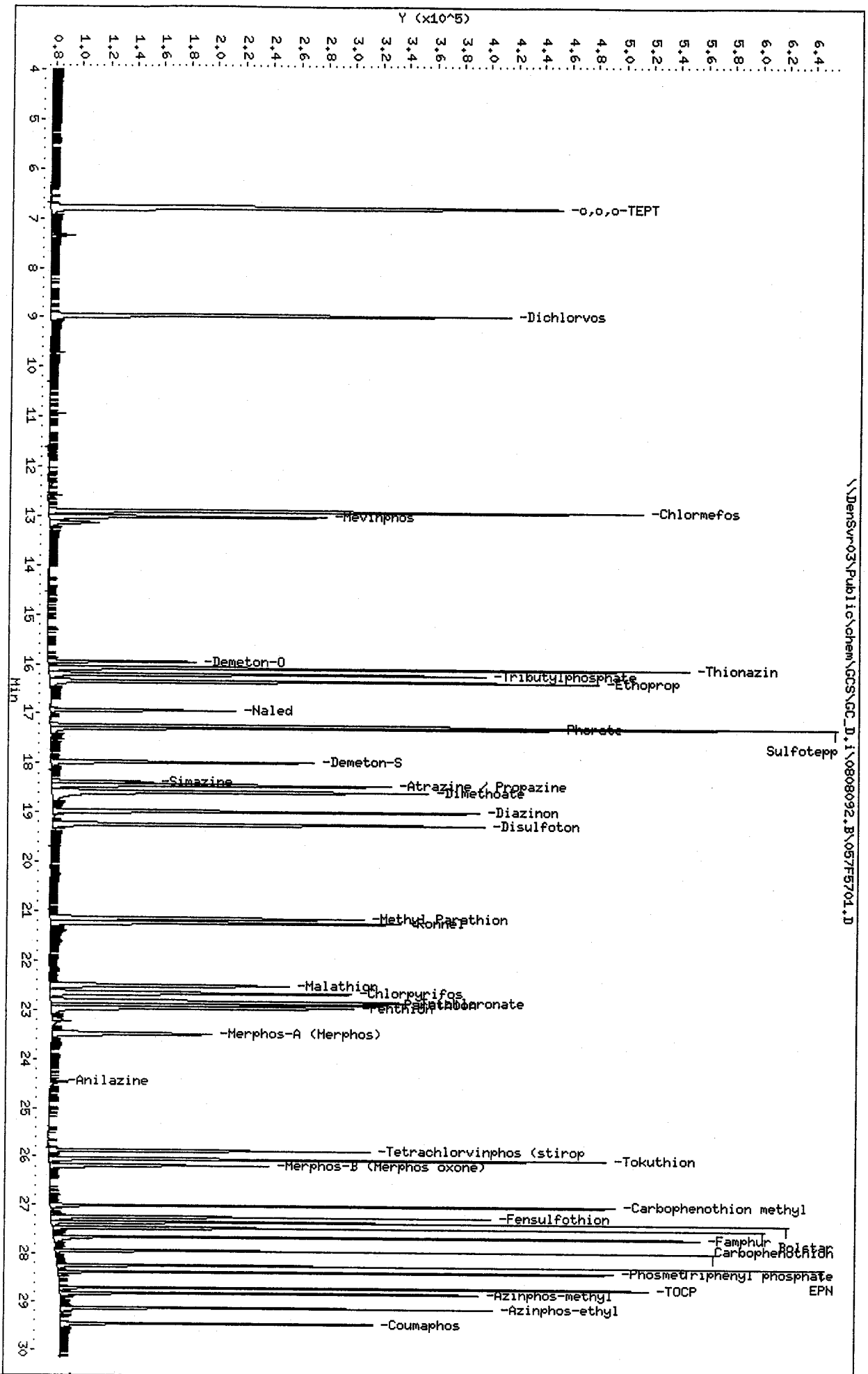
Instrument ID: GC_D.i
Lab File ID: 057F5701.D
Lab Smp Id: 8141 CCV GSV861
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Misc Info:

Calibration Date: 09-AUG-2009
Calibration Time: 20:00
Client Smp ID: 8141 CCV GSV861
Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
7 Tributylphosphate	941095	470548	1882190	725568	-22.90
38 TOCP	681586	340793	1363172	542574	-20.40

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.20	15.70	16.70	16.20	-0.03
38 TOCP	28.71	28.21	29.21	28.71	-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_D.i\0808092.B\057F5704.D
Date : 10-AUG-2009 01:28
Client ID: 8141 CCV GSV861
Sample Info: 8141 CCV GSV861
Column phase: RTx-OPPest

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

GC SEMIVOLATILE SAMPLE DATA

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\049F4901.D
Lab Smp Id: LHFXQ1AA Client Smp ID: BLANK
Inj Date : 09-AUG-2009 20:37
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : LHFXQ1AA,MB
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Meth Date : 10-Aug-2009 13:51 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 Cal File: 009F0901.D
Als bottle: 49 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	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	Compound Not Detected.					
2	Dichlorvos	Compound Not Detected.					
3	Mevinphos	9.426	9.407	(0.686)	96	0.40228	27.34 NC
$ 4	Chlormefos	9.511	9.502	(0.692)	280848	0.47152	32.04 (R)
5	Thionazin	12.642	12.625	(0.920)	629	0.06895	4.686
6	Demeton-O	Compound Not Detected.					
7	Ethoprop	13.212	13.205	(0.962)	310	0.08892	6.043 NC
8	Naled	Compound Not Detected.					
* 9	Tributylphosphate	13.738	13.714	(1.000)	772698	2.00000	
10	Sulfotepp	Compound Not Detected.					
11	Phorate	Compound Not Detected.					
12	Dimethoate	14.436	14.416	(1.051)	685	0.35494	24.12 NC
13	Demeton-S	Compound Not Detected.					
14	Simazine	14.793	14.783	(1.077)	638	0.21640	14.70
15	Atrazine	15.029	14.997	(1.094)	281	0.19372	13.16
16	propazine	Compound Not Detected.					
17	Disulfoton	15.855	15.866	(0.585)	320	0.08325	5.658
18	Diazinon	Compound Not Detected.					
19	Methyl Parathion	16.855	16.829	(0.622)	212	0.07331	4.982
20	Ronnel	Compound Not Detected.					
21	Malathion	Compound Not Detected.					
22	Fenthion	18.279	18.284	(0.675)	207	0.06037	4.103

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	23 Parathion	18.399	18.392	(0.679)	106	0.18162	12.34 NAP
	24 Chlorpyrifos	Compound Not Detected.					
	25 Trichloronate	Compound Not Detected.					
	26 Anilazine	19.357	19.345	(0.715)	157	0.40718	27.67
	27 Merphos-A (Merphos)	19.806	19.804	(0.731)	189	0.10463	7.110
	28 Tetrachlorvinphos (Stirophos)	20.570	20.532	(0.760)	345	0.09212	6.261 NAP
	29 Tokuthion	Compound Not Detected.					
	30 Merphos-B (Merphos Oxone)	21.533	21.536	(0.795)	124	0.12718	8.643
	31 Carbophenothion-methyl	22.269	22.254	(0.822)	165	0.10036	6.820
	32 Fensulfothion	22.464	22.465	(0.829)	186	0.30377	20.64 NAP
	33 Bolstar / Famphur	23.611	23.627	(0.872)	282	0.11517	7.826 NC
	34 Carbophenothion	Compound Not Detected.					
$	35 Triphenyl phosphate	25.301	25.270	(0.934)	211503	0.88002	59.80
	36 Phosmet	25.768	25.769	(0.951)	791	0.11133	7.565
	37 EPN	Compound Not Detected.					
	38 Azinphos-methyl	26.601	26.584	(0.982)	122	0.15187	10.32 NAP
*	39 TOCP	27.084	27.076	(1.000)	550723	2.00000	
	40 Azinphos-ethyl	Compound Not Detected.					
	41 Coumaphos	27.712	27.694	(1.023)	189	0.07369	5.008 NAP
M	42 Total Demeton	Compound Not Detected.					
M	43 Merphos				313	0.00086	0.05848

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D.i
Lab File ID: 049F4901.D
Lab Smp Id: LHFXQ1AA
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Misc Info:

Calibration Date: 09-AUG-2009
Calibration Time: 20:00
Client Smp ID: BLANK
Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	836019	418010	1672038	772698	-7.57
39 TOCP	555487	277744	1110974	550723	-0.86

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.72	13.22	14.22	13.74	0.15
39 TOCP	27.08	26.58	27.58	27.08	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: D9H030000
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LHFXQ1AA 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_D.i\0808091.B\8141A-1.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 4 Chlormefos	67.96	32.04	47.15*	59-112
$ 35 Triphenyl phosphat	67.96	59.80	88.00	50-150

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\049F4901.D
Date : 09-AUG-2009 20:37
Client ID: BLANK
Sample Info: LHFXQ1AA,MB

Instrument: GC_D.i

Operator: MPK/TLW
Column diameter: 0.32

Column phase: RTx-1MS

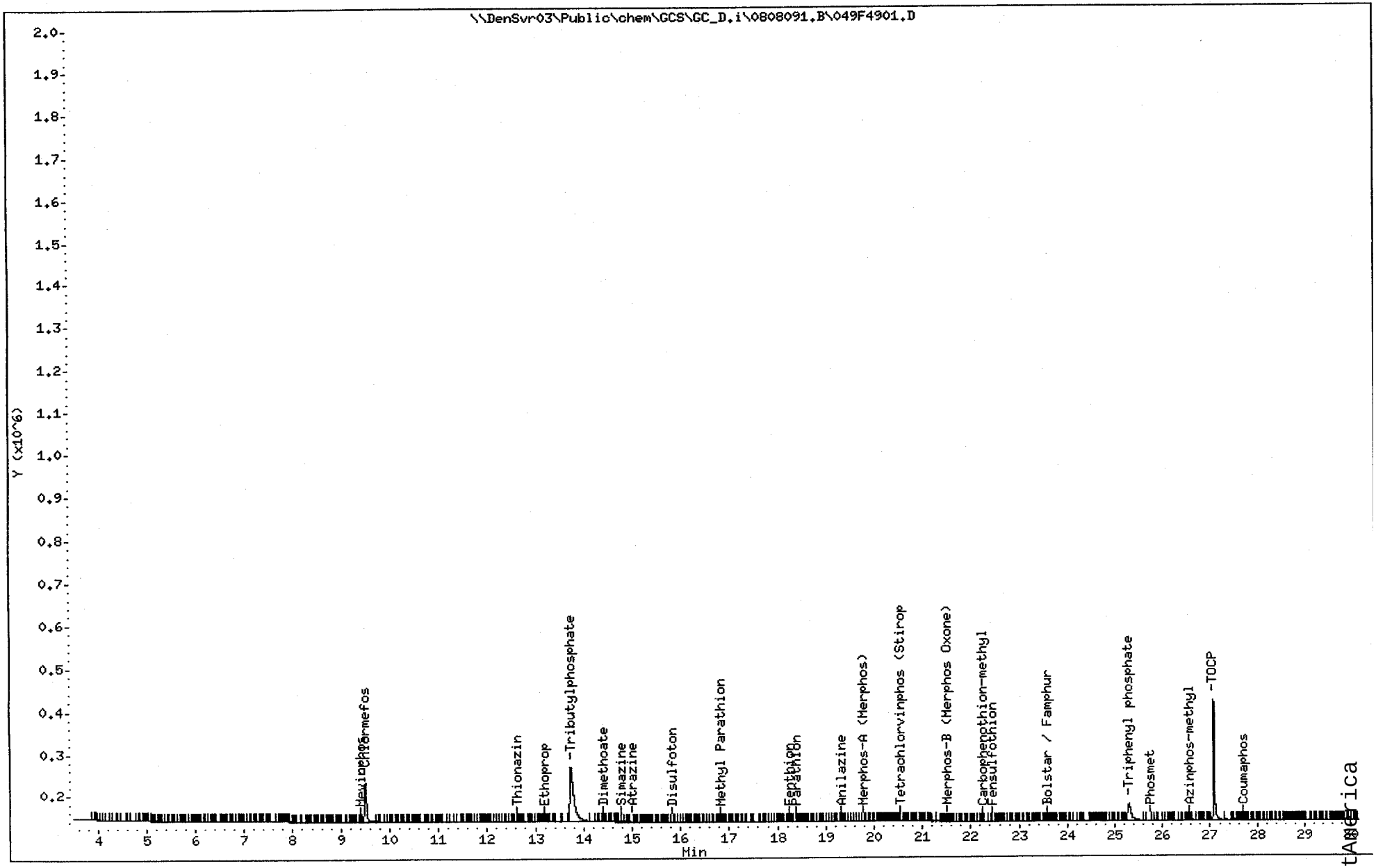


Table of Contents

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\049F4901.D
Lab Smp Id: LHFXQ1AA Client Smp ID: BLANK
Inj Date : 09-AUG-2009 20:37
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : LHFXQ1AA,MB
Misc Info :
Comment   :
Method   : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Meth Date : 10-Aug-2009 13:57 williamst Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 Cal File: 009F0901.D
Als bottle: 49 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	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	Compound Not Detected.					
	2	Dichlorvos	Compound Not Detected.					
$	3	Chlormefos	12.894	12.885	(0.795)	317337	0.53072	36.07(R)
	4	Mevinphos	Compound Not Detected.					
	5	Demeton-O	Compound Not Detected.					
	6	Thionazin	Compound Not Detected.					
*	7	Tributylphosphate	16.213	16.193	(1.000)	876959	2.00000	
	8	Ethoprop	Compound Not Detected.					
	9	Naled	16.937	16.921	(1.045)	263	0.17142	11.65
	10	Sulfotepp	17.256	17.234	(1.064)	140	2e-004	0.01299(a)
	11	Phorate	Compound Not Detected.					
	12	Demeton-S	Compound Not Detected.					
	13	Simazine	18.404	18.368	(1.135)	83	0.28778	19.56
	14	Atrazine / Propazine	Compound Not Detected.					
	15	Dimethoate	Compound Not Detected.					
	16	Diazinon	Compound Not Detected.					
	17	Disulfoton	Compound Not Detected.					
	18	Methyl Parathion	21.104	21.132	(0.735)	63	0.08673	5.894
	19	Ronnel	Compound Not Detected.					
	20	Malathion	22.507	22.492	(0.784)	71	0.03652	2.482(a)
	21	Chlorpyrifos	Compound Not Detected.					
	22	Trichloronate	Compound Not Detected.					

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	23 Parathion	22.869	22.866	(0.797)	63	0.13138	8.928(a)
	24 Fenthion	Compound Not Detected.					
	25 Merphos-A (Merphos)	23.467	23.472	(0.817)	52	0.12748	8.663
	26 Anilazine	24.438	24.451	(0.851)	84	0.13019	8.847
	27 Tetrachlorvinphos (stirophos)	25.885	25.869	(0.902)	51	0.07834	5.324
	28 Tokuthion	Compound Not Detected.					
	29 Merphos-B (Merphos oxone)	26.224	26.176	(0.913)	82	0.12966	8.812(a)
	30 Carbophenothion methyl	Compound Not Detected.					
	31 Fensulfothion	27.277	27.237	(0.950)	73	0.08841	6.008
	32 Bolstar	Compound Not Detected.					
	33 Carbophenothion	Compound Not Detected.					
	34 Famphur	Compound Not Detected.					
$	35 Triphenyl phosphate	27.939	27.932	(0.973)	263885	0.94009	63.89
	36 EPN	Compound Not Detected.					
	37 Phosmet	28.379	28.366	(0.989)	53	0.05639	3.832
*	38 TOCP	28.709	28.705	(1.000)	648682	2.00000	
	39 Azinphos-methyl	28.804	28.816	(1.003)	2435	0.06535	4.441
	40 Azinphos-ethyl	Compound Not Detected.					
	41 Coumaphos	29.454	29.453	(1.026)	119	0.04558	3.098
M	42 Total Demeton	Compound Not Detected.					
M	43 Merphos	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_D.i
Lab File ID: 049F4901.D
Lab Smp Id: LHFXQ1AA
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Misc Info:

Calibration Date: 09-AUG-2009
Calibration Time: 20:00
Client Smp ID: BLANK
Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	941095	470548	1882190	876959	-6.82
38 TOCP	681586	340793	1363172	648682	-4.83

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.20	15.70	16.70	16.21	0.06
38 TOCP	28.71	28.21	29.21	28.71	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.

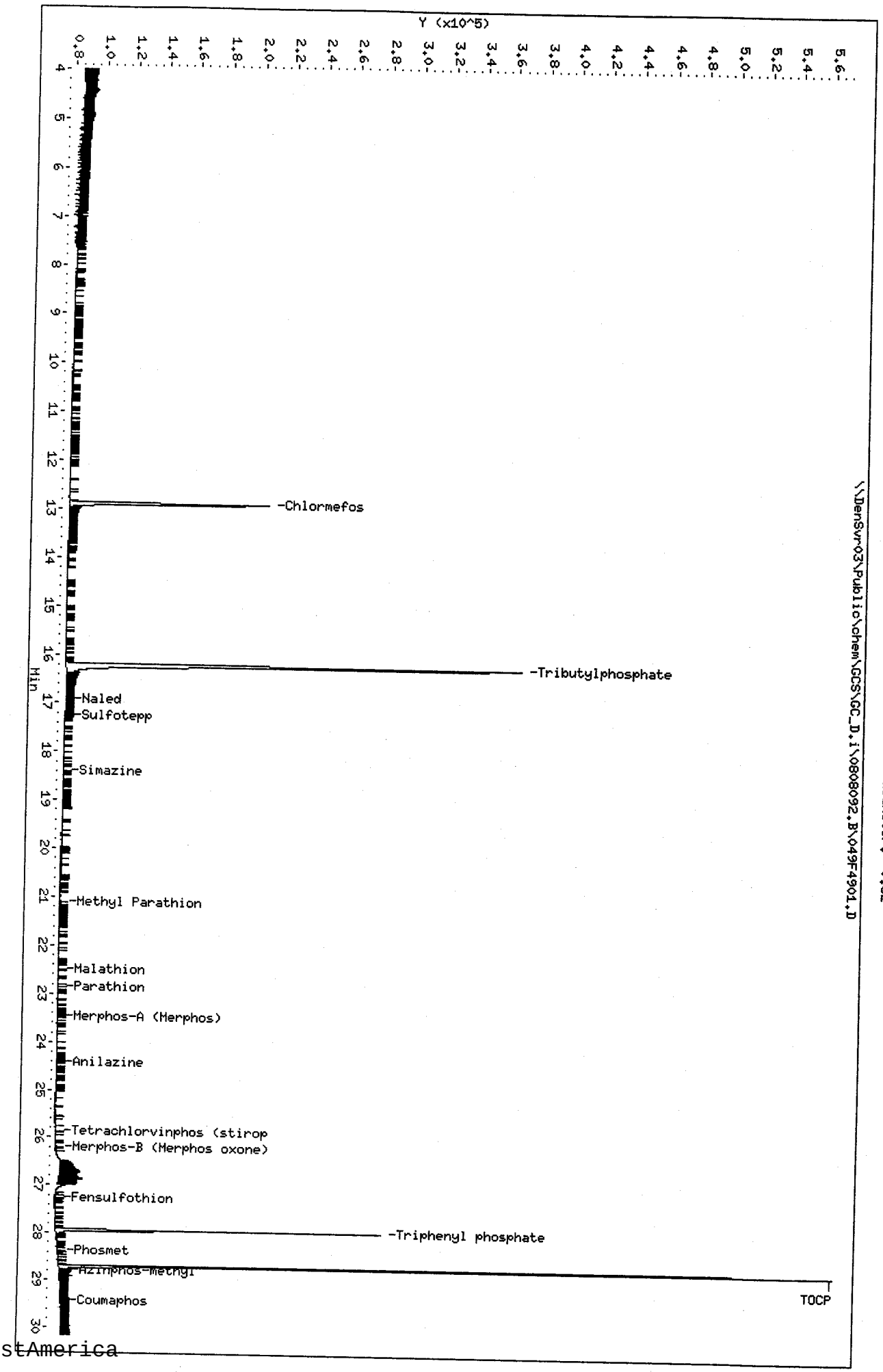
TestAmerica

RECOVERY REPORT

Client Name:
Sample Matrix: SOLID
Lab Smp Id: LHFXQ1AA
Level: LOW
Data Type: GC DATA
SpikeList File: fullDFCwater.spk
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Misc Info:

Client SDG: D9H030000
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	67.96	36.07	53.07*	59-112
$ 35 Triphenyl phosphat	67.96	63.89	94.01	50-150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Date : 09-AUG-2009 20:37
Client ID: BLANK
Sample Info: LHFXQ1AA,MB
Column phase: RTx-OPPest
Instrument: GC_D.i
Operator: MPK/TLH
Column diameter: 0.32
\\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\049F4901.D
Y (x10^5)
Min
-Chlormefos
-Tributylphosphate
-Naled
-Sulfotepp
-Simazine
-Methyl Parathion
-Malathion
-Parathion
-Merphos-A (Merphos)
-Anilazine
-Tetrachlorvinphos (stirop
-Merphos-B (Merphos oxone)
-Fensulfothion
-Triphenyl phosphate
-Phosmet
-Azinphos-Methyl
-Coumaphos
TOCP

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\050F5001.D
Lab Smp Id: LHFXQ1AC Client Smp ID: LCS
Inj Date : 09-AUG-2009 21:13
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : LHFXQ1AC,LCS
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Meth Date : 10-Aug-2009 13:51 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 Cal File: 009F0901.D
Als bottle: 50 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	28.570	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	4.277	4.267	(0.312)	950348	1.24401	87.08 (M)
	2 Dichlorvos	5.866	5.865	(0.428)	571415	1.77267	124.1
	3 Mevinphos	9.413	9.407	(0.686)	162284	1.30475	91.34
$	4 Chlormefos	9.513	9.502	(0.693)	397133	0.67261	47.08
	5 Thionazin	12.632	12.625	(0.921)	663614	1.52428	106.7
	6 Demeton-O	12.885	12.876	(0.939)	264216	0.72601	50.82
	7 Ethoprop	13.211	13.205	(0.963)	595046	1.52895	107.0
	8 Naled	13.487	13.482	(0.983)	82734	0.69964	48.98 (R)
*	9 Tributylphosphate	13.718	13.714	(1.000)	765964	2.00000	
	10 Sulfotepp	14.153	14.143	(1.032)	763157	1.27260	89.09 (R)
	11 Phorate	14.237	14.227	(1.038)	419728	1.06295	74.41 (R)
	12 Dimethoate	14.436	14.416	(1.052)	242297	0.92683	64.88
	13 Demeton-S	14.691	14.682	(1.071)	25258	0.09275	6.493 (R)
	14 Simazine	14.791	14.783	(1.078)	205649	1.52345	106.6
	15 Atrazine	15.005	14.997	(1.094)	257678	1.56948	109.9
	16 propazine	15.189	15.178	(1.107)	262354	1.55406	108.8
	17 Disulfoton	15.875	15.866	(0.586)	233912	0.68536	47.98 (R)
	18 Diazinon	15.942	15.934	(0.589)	579230	1.40461	98.33
	19 Methyl Parathion	16.844	16.829	(0.622)	443742	1.54997	108.5
	20 Ronnel	17.468	17.456	(0.645)	455717	1.49356	104.6
	21 Malathion	18.143	18.134	(0.670)	362666	1.36233	95.37
	22 Fenthion	18.294	18.284	(0.676)	439807	1.43522	100.5

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	23 Parathion	18.403	18.392	(0.680)	459372	1.53308	107.3
	24 Chlorpyrifos	18.463	18.451	(0.682)	573584	1.46843	102.8
	25 Trichloronate	18.969	18.958	(0.701)	512253	1.35038	94.53
	26 Anilazine	19.358	19.345	(0.715)	26296	1.16815	81.77
	27 Merphos-A (Merphos)	19.783	19.804	(0.731)	2786	0.11459	8.022
	28 Tetrachlorvinphos (Stirophos)	20.538	20.532	(0.758)	327335	1.57894	110.5
	29 Tokuthion	21.289	21.278	(0.786)	553797	1.53496	107.4
	30 Merphos-B (Merphos Oxone)	21.544	21.536	(0.796)	516271	8.56922	599.9(A)
	31 Carbophenothion-methyl	22.271	22.254	(0.822)	381924	1.56972	109.9
	32 Fensulfothion	22.465	22.465	(0.830)	430912	1.98261	138.8
	33 Bolstar / Famphur	23.639	23.627	(0.873)	982044	3.19853	223.9
	34 Carbophenothion	23.963	23.947	(0.885)	462373	1.58392	110.9
$	35 Triphenyl phosphate	25.283	25.270	(0.934)	201675	0.86905	60.84
	36 Phosmet	25.783	25.769	(0.952)	398653	1.71470	120.0
	37 EPN	26.108	26.097	(0.964)	487690	1.62392	113.7
	38 Azinphos-methyl	26.594	26.584	(0.982)	357866	1.65307	115.7
*	39 TOCP	27.079	27.076	(1.000)	531761	2.00000	
	40 Azinphos-ethyl	27.179	27.172	(1.004)	428290	1.54985	108.5
	41 Coumaphos	27.703	27.694	(1.023)	365463	1.61606	113.1
M	42 Total Demeton				289474	0.81876	57.32(R)
M	43 Merphos				519057	1.47781	103.4

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_D.i
Lab File ID: 050F5001.D
Lab Smp Id: LHFXQ1AC
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Misc Info:

Calibration Date: 09-AUG-2009
Calibration Time: 20:00
Client Smp ID: LCS
Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	836019	418010	1672038	765964	-8.38
39 TOCP	555487	277744	1110974	531761	-4.27

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.72	13.22	14.22	13.72	0.00
39 TOCP	27.08	26.58	27.58	27.08	-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:
Sample Matrix: SOLID
Lab Smp Id: LHFXQ1AC
Level: LOW
Data Type: GC DATA
SpikeList File: fullDFCwater.spk
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Misc Info:

Client SDG: D9H030000
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	140.0	87.08	62.20	36-119
	2 Dichlorvos	140.0	124.1	88.63	50-120
	3 Mevinphos	140.0	91.34	65.24	35-108
$	4 Chlormefos	70.00	47.08	67.26	48-114
	5 Thionazin	140.0	106.7	76.21	65-116
	6 Demeton-O	97.72	50.82	52.01	36-119
	7 Ethoprop	140.0	107.0	76.45	65-108
	8 Naled	140.0	48.98	34.98*	36-119
	10 Sulfotepp	140.0	89.09	63.63*	69-103
	11 Phorate	140.0	74.41	53.15*	62-104
	12 Dimethoate	140.0	64.88	46.34	28-115
	13 Demeton-S	42.28	6.493	15.36*	36-119
	14 Simazine	140.0	106.6	76.17	47-109
	15 Atrazine	140.0	109.9	78.47	36-119
	16 propazine	140.0	108.8	77.70	36-119
	17 Disulfoton	140.0	47.98	34.27*	36-119
	18 Diazinon	140.0	98.33	70.23	36-119
	19 Methyl Parathion	140.0	108.5	77.50	68-119
	20 Ronnel	140.0	104.6	74.68	62-115
	21 Malathion	140.0	95.37	68.12	67-115
	22 Fenthion	140.0	100.5	71.76	36-119
	23 Parathion	140.0	107.3	76.65	36-119
	25 Trichloronate	140.0	94.53	67.52	36-119
	24 Chlorpyrifos	140.0	102.8	73.42	36-119
	26 Anilazine	140.0	81.77	58.41	47-115
	28 Tetrachlorvinphos	140.0	110.5	78.95	36-119
	29 Tokuthion	140.0	107.4	76.75	36-119
	32 Fensulfothion	140.0	138.8	99.13	61-115
	33 Bolstar / Famphur	280.0	223.9	79.96	36-119
	34 Carbophenothion	140.0	110.9	79.20	50-150
$	35 Triphenyl phosphat	70.00	60.84	86.90	50-150
	36 Phosmet	140.0	120.0	85.73	50-150
	37 EPN	140.0	113.7	81.20	36-119
	38 Azinphos-methyl	140.0	115.7	82.65	55-115
	41 Coumaphos	140.0	113.1	80.80	62-115
M	42 Total Demeton	140.0	57.32	40.94*	47-115
M	43 Merphos	140.0	103.4	73.89	36-119

TestAmerica

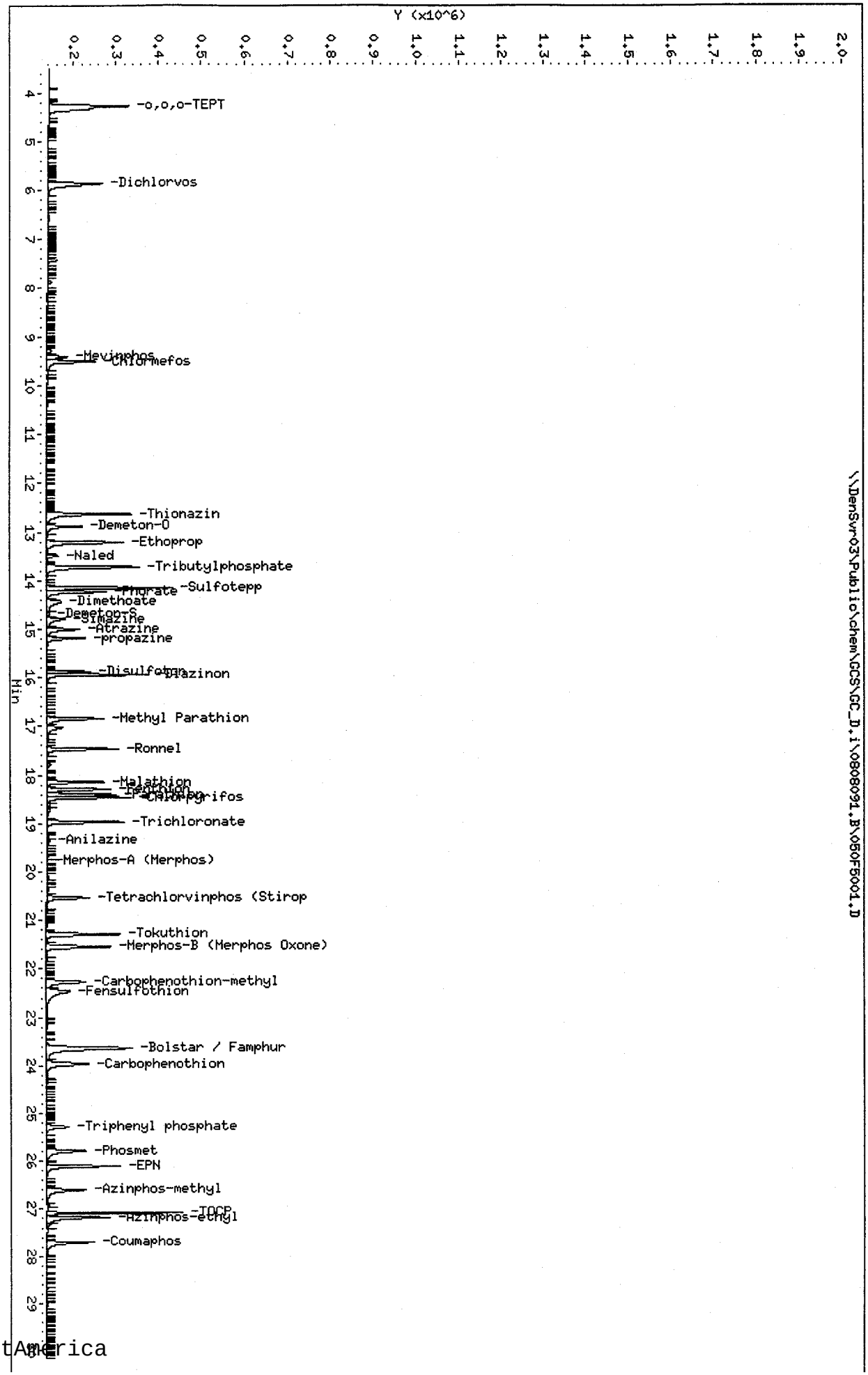
RECOVERY REPORT

Client Name: Client SDG: D9H030000
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LHFXQ1AC 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_D.i\0808091.B\8141A-1.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 4 Chlormefos	67.96	47.08	67.26	59-112
$ 35 Triphenyl phosphat	67.96	60.84	86.90	50-150

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\050F5001.D
Date : 09-AUG-2009 21:13
Client ID: LCS
Sample Info: LHFX01AC,LCS
Column phase: RTx-1MS

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



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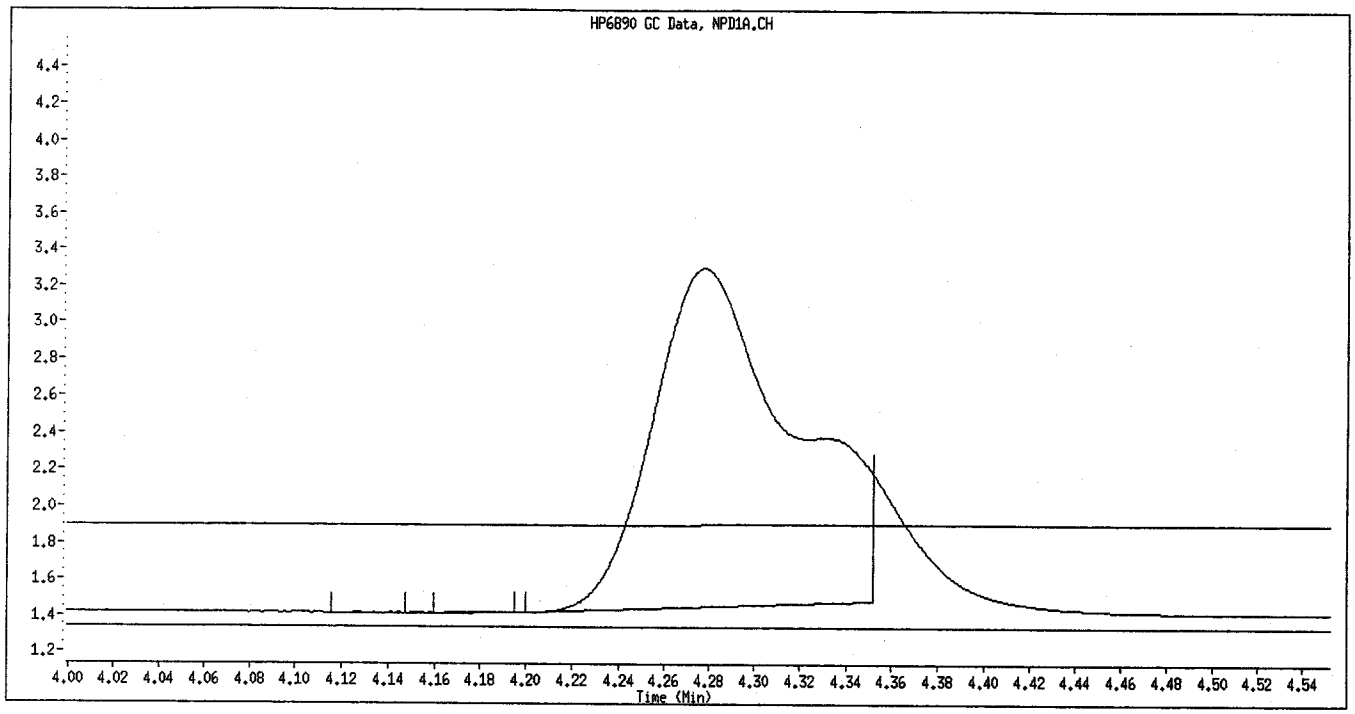
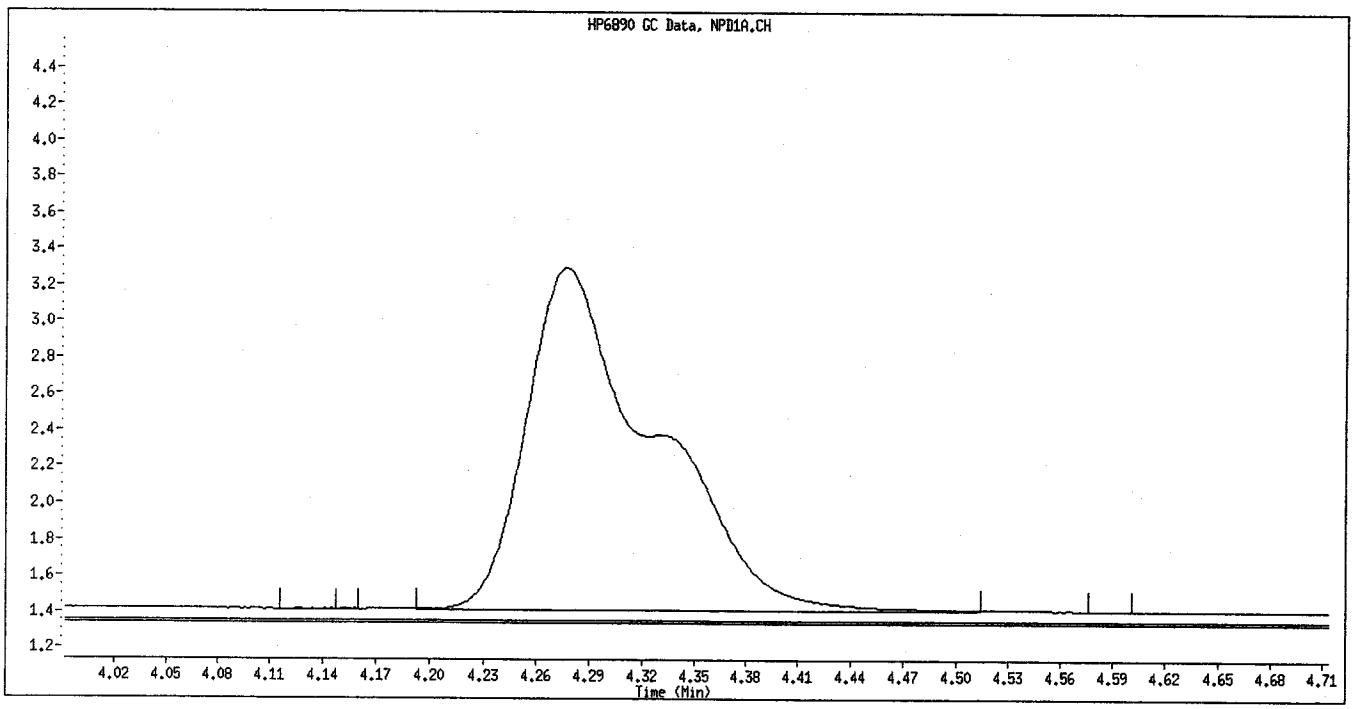
Instrument ID: GC_D.i
Client ID: LCS
Compound Name: o,o,o-TEPT
CAS #:
Report Date: 08/10/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

gk 8/10/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\050F5001.D
Lab Smp Id: LHFXQ1AC Client Smp ID: LCS
Inj Date : 09-AUG-2009 21:13
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : LHFXQ1AC,LCS
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Meth Date : 10-Aug-2009 13:57 williamst Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 Cal File: 009F0901.D
Als bottle: 50 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	28.570	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	6.771	6.758	(0.418)	1034510	1.23886	86.72
	2 Dichlorvos	8.964	8.952	(0.553)	726397	1.95146	136.6
$	3 Chlormefos	12.894	12.885	(0.796)	364617	0.60801	42.56
	4 Mevinphos	13.016	13.006	(0.803)	270740	1.20441	84.31
	5 Demeton-O	15.948	15.939	(0.984)	251618	0.73641	51.55
	6 Thionazin	16.075	16.067	(0.992)	769412	1.51982	106.4
*	7 Tributylphosphate	16.203	16.193	(1.000)	893000	2.00000	
	8 Ethoprop	16.343	16.332	(1.009)	693413	1.48616	104.0
	9 Naled	16.930	16.921	(1.045)	100698	0.75156	52.61
	10 Sulfotepp	17.243	17.234	(1.064)	1284387	1.72174	120.5
	11 Phorate	Compound Not Detected.					
	12 Demeton-S	Compound Not Detected.					
	13 Simazine	18.376	18.368	(1.134)	196746	2.02980	142.1
	14 Atrazine / Propazine	18.443	18.434	(1.138)	629556	3.07168	215.0
	15 Dimethoate	18.581	18.569	(1.147)	298684	0.72677	50.88
	16 Diazinon	18.976	18.967	(1.171)	627524	1.41775	99.25
	17 Disulfoton	19.240	19.231	(1.187)	287593	0.64329	45.03(R)
	18 Methyl Parathion	21.143	21.132	(0.736)	538470	1.73762	121.6
	19 Ronnel	21.231	21.222	(0.740)	592953	1.57308	110.1
	20 Malathion	22.503	22.492	(0.784)	406389	1.35354	94.75
	21 Chlorpyrifos	22.657	22.644	(0.789)	561582	1.60483	112.3
	22 Trichloronate	22.832	22.819	(0.795)	595171	1.38555	96.99

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	23 Parathion	22.880	22.866	(0.797)	592517	1.48275	103.8
	24 Fenthion	22.953	22.942	(0.799)	567814	1.46260	102.4
	25 Merphos-A (Merphos)	23.482	23.472	(0.818)	130	0.12775	8.943
	26 Anilazine	24.465	24.451	(0.852)	7463	0.37653	26.36(R)
	27 Tetrachlorvinphos (stirophos)	25.876	25.869	(0.901)	394873	1.60644	112.4
	28 Tokuthion	26.049	26.043	(0.907)	633720	1.53537	107.5
	29 Merphos-B (Merphos oxone)	26.181	26.176	(0.912)	564300	8.21697	575.2(A)
	30 Carbophenothion methyl	27.004	26.999	(0.941)	477230	1.65395	115.8
	31 Fensulfothion	27.242	27.237	(0.949)	409696	1.65919	116.1
	32 Bolstar	27.351	27.347	(0.953)	612756	1.55094	108.6
	33 Carbophenothion	27.463	27.460	(0.957)	506548	1.53392	107.4
	34 Famphur	27.648	27.644	(0.963)	540074	1.78976	125.3
$	35 Triphenyl phosphate	27.936	27.932	(0.973)	252939	0.89569	62.70
	36 EPN	28.242	28.240	(0.984)	538726	1.66331	116.4
	37 Phosmet	28.370	28.366	(0.988)	454960	1.72922	121.0
*	38 TOCP	28.708	28.705	(1.000)	652599	2.00000	
	39 Azinphos-methyl	28.821	28.816	(1.004)	402790	1.82752	127.9
	40 Azinphos-ethyl	29.132	29.127	(1.015)	408314	1.72488	120.7
	41 Coumaphos	29.460	29.453	(1.026)	342322	1.62015	113.4
M	42 Total Demeton				251618	0.73641	51.55(R)
M	43 Merphos				564430	1.47062	102.9

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_D.i
Lab File ID: 050F5001.D
Lab Smp Id: LHFXQ1AC
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Misc Info:

Calibration Date: 09-AUG-2009
Calibration Time: 20:00
Client Smp ID: LCS
Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	941095	470548	1882190	893000	-5.11
38 TOCP	681586	340793	1363172	652599	-4.25

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.20	15.70	16.70	16.20	-0.00
38 TOCP	28.71	28.21	29.21	28.71	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: D9H030000
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LHFXQ1AC 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_D.i\0808092.B\8141A-2.m
Misc Info:

	SPIKE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
	1 o,o,o-TEPT	140.0	86.72	61.94	36-119
	2 Dichlorvos	140.0	136.6	97.57	50-120
$	3 Chlormefos	70.00	42.56	60.80	58-114
	4 Mevinphos	140.0	84.31	60.22	35-108
	5 Demeton-O	98.00	51.55	52.60	36-119
	6 Thionazin	140.0	106.4	75.99	65-116
	8 Ethoprop	140.0	104.0	74.31	36-119
	11 Phorate	140.0	0.0000	*	36-119
	13 Simazine	140.0	142.1	101.49	36-119
	16 Diazinon	140.0	99.25	70.89	36-119
	17 Disulfoton	140.0	45.03	32.16*	61-103
	12 Demeton-S	42.00	0.0000	*	36-119
	15 Dimethoate	140.0	50.88	36.34	28-82
	19 Ronnel	140.0	110.1	78.65	62-99
	21 Chlorpyrifos	140.0	112.3	80.24	66-101
	24 Fenthion	140.0	102.4	73.13	36-119
	22 Trichloronate	140.0	96.99	69.28	36-119
	26 Anilazine	140.0	26.36	18.83*	36-119
M	43 Merphos	140.0	102.9	73.53	36-119
	18 Methyl Parathion	140.0	121.6	86.88	36-119
	20 Malathion	140.0	94.75	67.68	36-119
	28 Tokuthion	140.0	107.5	76.77	36-119
	23 Parathion	140.0	103.8	74.14	36-119
	27 Tetrachlorvinphos	140.0	112.4	80.32	36-119
	32 Bolstar	140.0	108.6	77.55	36-119
$	35 Triphenyl phosphat	70.00	62.70	89.57	36-119
	31 Fensulfothion	140.0	116.1	82.96	20-105
	36 EPN	140.0	116.4	83.17	36-119
	34 Famphur	140.0	125.3	89.49	61-108
	39 Azinphos-methyl	140.0	127.9	91.38	55-103
	41 Coumaphos	140.0	113.4	81.01	36-119
M	42 Total Demeton	140.0	51.55	36.82*	47-100

	SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$	3 Chlormefos	67.96	42.56	60.80	59-112

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 35 Triphenyl phosphat	67.96	62.70	89.57	50-150

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\050F5001.D
Date : 09-AUG-2009 21:13
Client ID: LCS
Sample Info: LHFXQ1AC,LCS

Instrument: GC_D.i

Operator: MPK/TLW
Column diameter: 0.32

Column phase: RTx-OPPest

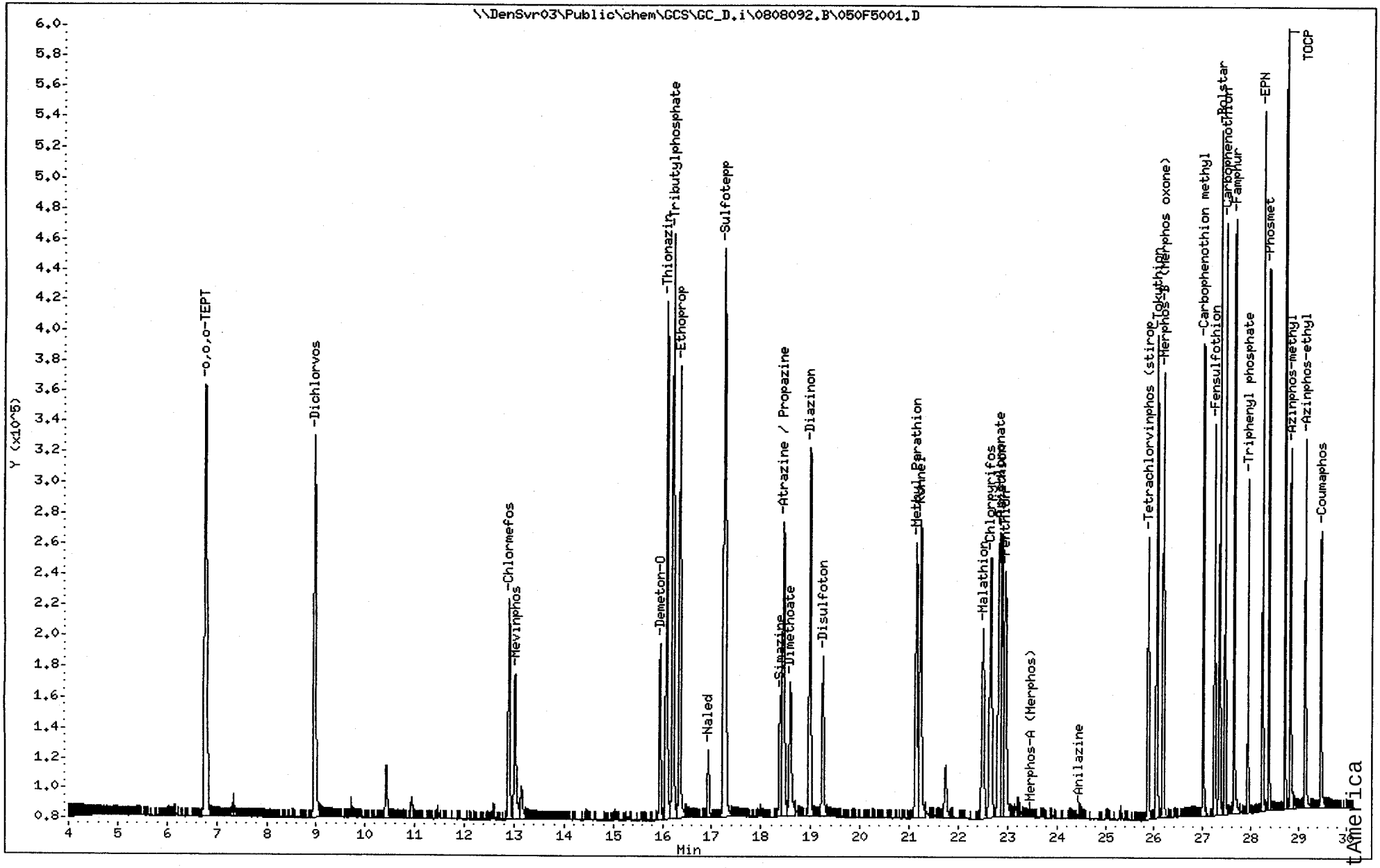


Table of Contents

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\051F5101.D
Lab Smp Id: LHA071AA Client Smp ID: RSAU4-20
Inj Date : 09-AUG-2009 21:50
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : LHA071AA,332-1
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Meth Date : 10-Aug-2009 13:51 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 Cal File: 009F0901.D
Als bottle: 51
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	29.100	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	9.433	9.407	(0.687)	58	0.40209	27.63 NC
$ 4	Chlormefos	9.516	9.502	(0.693)	256289	0.45554	31.31 (R)
5	Thionazin	12.627	12.625	(0.919)	810	0.06945	4.773
6	Demeton-O	Compound Not Detected.					
7	Ethoprop	13.209	13.205	(0.962)	356	0.08908	6.122 NC
8	Naled	13.490	13.482	(0.982)	89	0.17384	11.95
* 9	Tributylphosphate	13.733	13.714	(1.000)	729859	2.00000	
10	Sulfotepp	Compound Not Detected.					
11	Phorate	Compound Not Detected.					
12	Dimethoate	14.484	14.416	(1.055)	374	0.35426	24.35 NC
13	Demeton-S	Compound Not Detected.					
14	Simazine	14.784	14.783	(1.077)	415	0.21535	14.80
15	Atrazine	15.043	14.997	(1.095)	209	0.19341	13.29 RJ
16	propazine	Compound Not Detected.					
17	Disulfoton	15.848	15.866	(0.585)	367	0.08343	5.734
18	Diazinon	Compound Not Detected.					
19	Methyl Parathion	16.821	16.829	(0.621)	107	0.07299	5.016
20	Ronnel	Compound Not Detected.					
21	Malathion	Compound Not Detected.					
22	Fenthion	18.297	18.284	(0.676)	124	0.06014	4.134

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)	
	23 Parathion	18.368	18.392	(0.678)	187	0.18188	12.50	NAP
	24 Chlorpyrifos	Compound Not Detected.						
	25 Trichloronate	Compound Not Detected.						
	26 Anilazine	19.330	19.345	(0.714)	104	0.40586	27.89	
	27 Merphos-A (Merphos)	19.796	19.804	(0.731)	272	0.10499	7.216	
	28 Tetrachlorvinphos (Stirophos)	20.536	20.532	(0.758)	385	0.09240	6.351	NAP
	29 Tokuthion	Compound Not Detected.						
	30 Merphos-B (Merphos Oxone)	21.585	21.536	(0.797)	169	0.12730	8.749	
	31 Carbophenothion-methyl	22.266	22.254	(0.822)	122	0.10023	6.888	
	32 Fensulfothion	22.486	22.465	(0.830)	774	0.30616	21.04	-RT 20
	33 Bolstar / Famphur	23.639	23.627	(0.873)	395	0.11558	7.944	NC
	34 Carbophenothion	Compound Not Detected.						
$	35 Triphenyl phosphate	25.287	25.270	(0.934)	200949	0.88682	60.95	
	36 Phosmet	25.767	25.769	(0.952)	144	0.10884	7.480	
	37 EPN	Compound Not Detected.						
	38 Azinphos-methyl	26.587	26.584	(0.982)	102	0.15181	10.43	NAP
*	39 TOCP	27.080	27.076	(1.000)	519229	2.00000		
	40 Azinphos-ethyl	Compound Not Detected.						
	41 Coumaphos	27.657	27.694	(1.021)	4147	0.09085	6.244	RT
M	42 Total Demeton	Compound Not Detected.						
M	43 Merphos				441	0.00129	0.08838	

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D.i
Lab File ID: 051F5101.D
Lab Smp Id: LHA071AA
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Misc Info:

Calibration Date: 09-AUG-2009
Calibration Time: 20:00
Client Smp ID: RSAU4-20
Level: LOW
Sample Type: SOIL

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	836019	418010	1672038	729859	-12.70
39 TOCP	555487	277744	1110974	519229	-6.53

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.72	13.22	14.22	13.73	0.11
39 TOCP	27.08	26.58	27.58	27.08	-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

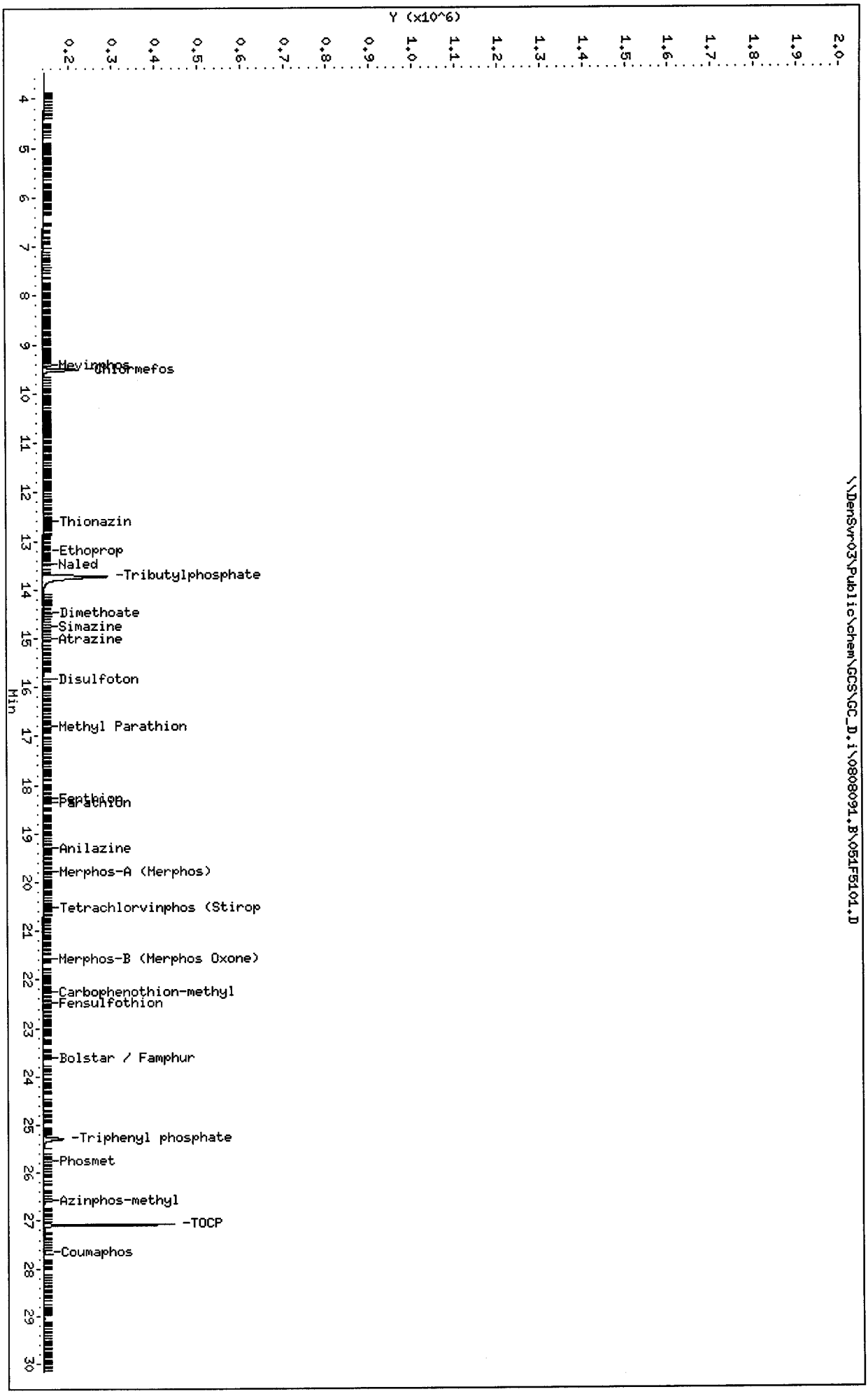
RECOVERY REPORT

Client Name: Northgate Environmen30-JUL-2009 00:00 Client SDG: D9G3003
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LHA071AA Client Smp ID: RSAU4-20
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_D.i\0808091.B\8141A-1.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 4 Chlormefos	68.73	31.31	45.55*	59-112
$ 35 Triphenyl phosphat	68.73	60.95	88.68	50-150

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\051F5101.D
Date : 09-AUG-2009 21:50
Client ID: RSAU4-20
Sample Info: LHA071AA,332-1
Column phase: RTx-1MS

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



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\051F5101.D
Lab Smp Id: LHA071AA Client Smp ID: RSAU4-20
Inj Date : 09-AUG-2009 21:50
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : LHA071AA,332-1
Misc Info :
Comment   :
Method   : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Meth Date : 10-Aug-2009 13:57 williamst Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 Cal File: 009F0901.D
Als bottle: 51
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	29.100	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	12.895	12.885	(0.796)	296678	0.52006	35.74(R)
	4 Mevinphos	Compound Not Detected.					
	5 Demeton-O	Compound Not Detected.					
	6 Thionazin	Compound Not Detected.					
*	7 Tributylphosphate	16.209	16.193	(1.000)	834650	2.00000	
	8 Ethoprop	Compound Not Detected.					
	9 Naled	16.938	16.921	(1.045)	70	0.17030	11.70
	10 Sulfotepp	17.252	17.234	(1.064)	115	2e-004	0.01134(a)
	11 Phorate	Compound Not Detected.					
	12 Demeton-S	Compound Not Detected.					
	13 Simazine	18.387	18.368	(1.134)	56	0.28756	19.76
	14 Atrazine / Propazine	Compound Not Detected.					
	15 Dimethoate	Compound Not Detected.					
	16 Diazinon	Compound Not Detected.					
	17 Disulfoton	Compound Not Detected.					
	18 Methyl Parathion	21.117	21.132	(0.736)	55	0.08672	5.960
	19 Ronnel	Compound Not Detected.					
	20 Malathion	Compound Not Detected.					
	21 Chlorpyrifos	Compound Not Detected.					
	22 Trichloronate	Compound Not Detected.					

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	23 Parathion	22.876	22.866	(0.797)	54	0.13137	9.029(a)
	24 Fenthion	Compound Not Detected.					
	25 Merphos-A (Merphos)	23.428	23.472	(0.816)	67	0.12754	8.766
	26 Anilazine	24.458	24.451	(0.852)	95	0.13068	8.981
	27 Tetrachlorvinphos (stirophos)	25.870	25.869	(0.901)	111	0.07859	5.401
	28 Tokuthion	Compound Not Detected.					
	29 Merphos-B (Merphos oxone)	26.170	26.176	(0.912)	70	0.12965	8.911(a)
	30 Carbophenothion methyl	Compound Not Detected.					
	31 Fensulfothion	27.247	27.237	(0.949)	4984	0.10809	7.429 ✓COL
	32 Bolstar	Compound Not Detected.					
	33 Carbophenothion	Compound Not Detected.					
	34 Famphur	Compound Not Detected.					
$	35 Triphenyl phosphate	27.937	27.932	(0.973)	248812	0.92043	63.26
	36 EPN	Compound Not Detected.					
	37 Phosmet	28.374	28.366	(0.988)	321	0.05743	3.947
*	38 TOCP	28.708	28.705	(1.000)	624697	2.00000	
	39 Azinphos-methyl	28.823	28.816	(1.004)	1029	0.05929	4.075
	40 Azinphos-ethyl	Compound Not Detected.					
	41 Coumaphos	29.453	29.453	(1.026)	59	0.04532	3.114
M	42 Total Demeton	Compound Not Detected.					
M	43 Merphos	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_D.i
Lab File ID: 051F5101.D
Lab Smp Id: LHA071AA
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Misc Info:

Calibration Date: 09-AUG-2009
Calibration Time: 20:00
Client Smp ID: RSAU4-20
Level: LOW
Sample Type: SOIL

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
7 Tributylphosphate	941095	470548	1882190	834650	-11.31
38 TOCP	681586	340793	1363172	624697	-8.35

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.20	15.70	16.70	16.21	0.04
38 TOCP	28.71	28.21	29.21	28.71	-0.00

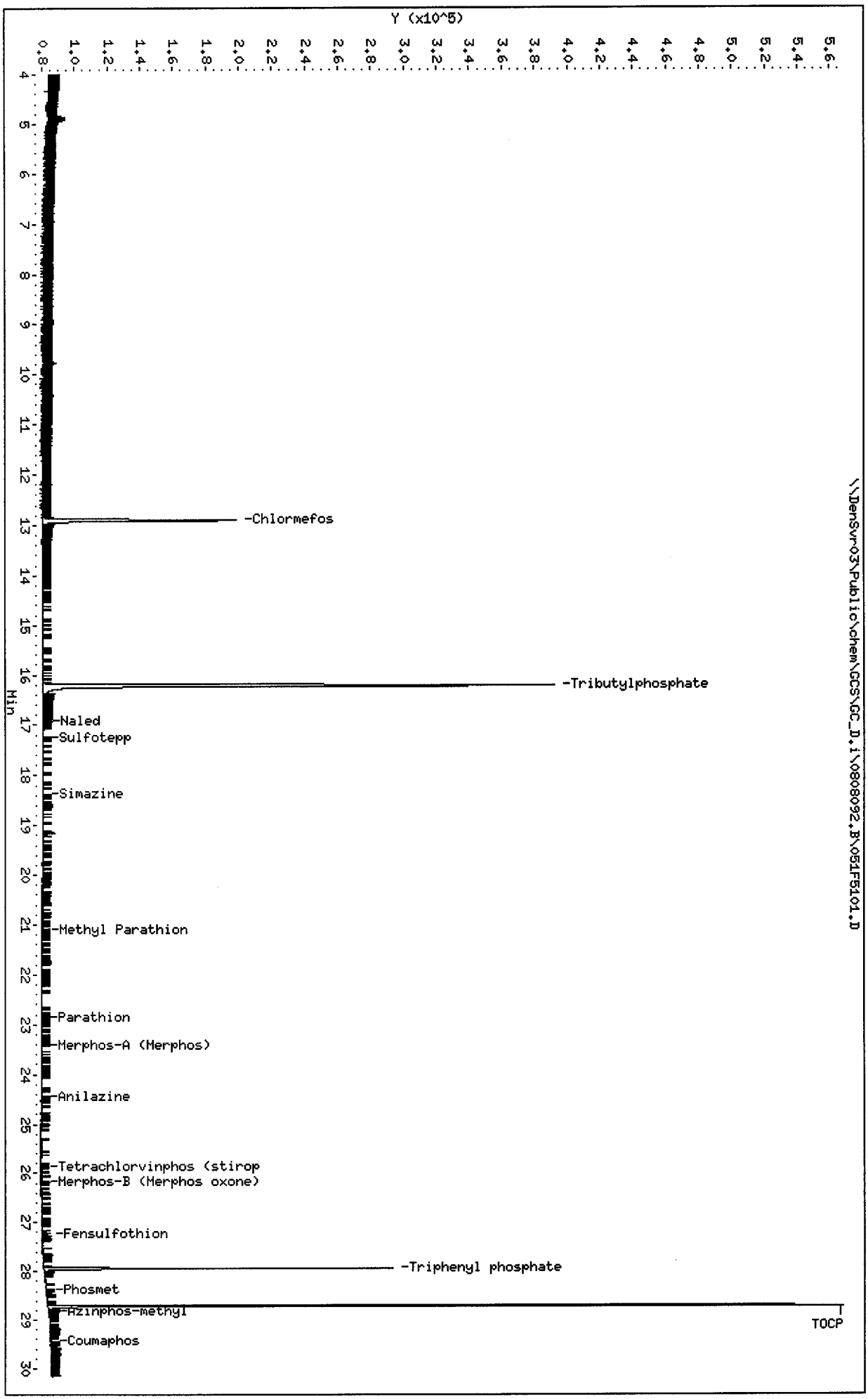
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name: Northgate Environmen30-JUL-2009 00:00 Client SDG: D9G3003
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LHA071AA Client Smp ID: RSAU4-20
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_D.i\0808092.B\8141A-2.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 3 Chlormefos	68.73	35.74	52.01*	59-112
$ 35 Triphenyl phosphat	68.73	63.26	92.04	50-150



Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\051F5101.D
Date : 09-AUG-2009 21:50
Client ID: RSAU4-20
Sample Info: LHA071AA,332-1
Column phase: RTx-OPPest

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

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\052F5201.D
Lab Smp Id: LHA071AD Client Smp ID: RSAU4-20
Inj Date : 09-AUG-2009 22:26
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : LHA071AD,332-1S
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Meth Date : 10-Aug-2009 13:51 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 Cal File: 009F0901.D
Als bottle: 52 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	29.090	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	4.277	4.267	(0.312)	815655	1.16109	79.83(M)
	2 Dichlorvos	5.866	5.865	(0.428)	637124	2.15940	148.5
	3 Mevinphos	9.409	9.407	(0.686)	150417	1.31616	90.49
$	4 Chlormefos	9.513	9.502	(0.693)	346288	0.64076	44.05
	5 Thionazin	12.633	12.625	(0.921)	639081	1.60022	110.0
	6 Demeton-O	12.887	12.876	(0.939)	380853	1.15454	79.38
	7 Ethoprop	13.211	13.205	(0.963)	588584	1.64517	113.1
	8 Naled	13.488	13.482	(0.983)	16869	0.29106	20.01(R)
*	9 Tributylphosphate	13.718	13.714	(1.000)	701094	2.00000	
	10 Sulfotepp	14.154	14.143	(1.032)	734183	1.33757	91.96(R)
	11 Phorate	14.237	14.227	(1.038)	413917	1.14523	78.74(R)
	12 Dimethoate	14.423	14.416	(1.051)	228928	0.94532	64.99
	13 Demeton-S	14.695	14.682	(1.071)	26050	0.10247	7.045(R)
	14 Simazine	14.793	14.783	(1.078)	203640	1.64948	113.4
	15 Atrazine	15.007	14.997	(1.094)	250934	1.65753	114.0
	16 propazine	15.191	15.178	(1.107)	252399	1.63343	112.3
	17 Disulfoton	15.875	15.866	(0.586)	388856	1.15631	79.50
	18 Diazinon	15.942	15.934	(0.589)	573806	1.49739	102.9
	19 Methyl Parathion	16.844	16.829	(0.622)	453887	1.69167	116.3
	20 Ronnel	17.467	17.456	(0.645)	466694	1.63877	112.7
	21 Malathion	18.142	18.134	(0.670)	359671	1.44757	99.52
	22 Fenthion	18.294	18.284	(0.676)	446689	1.55651	107.0

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	23 Parathion	18.403	18.392	(0.680)	468555	1.65857	114.0
	24 Chlorpyrifos	18.462	18.451	(0.682)	553996	1.52718	105.0
	25 Trichloronate	18.968	18.958	(0.700)	510131	1.44082	99.06
	26 Anilazine	19.359	19.345	(0.715)	28581	1.29408	88.97
	27 Merphos-A (Merphos)	19.827	19.804	(0.732)	1341	0.10943	7.523
	28 Tetrachlorvinphos (Stirophos)	20.534	20.532	(0.758)	334191	1.71863	118.2
	29 Tokuthion	21.289	21.278	(0.786)	560572	1.66471	114.4
	30 Merphos-B (Merphos Oxone)	21.543	21.536	(0.796)	508299	9.45390	650.0(A)
	31 Carbophenothion-methyl	22.268	22.254	(0.822)	402733	1.76051	121.0
	32 Fensulfothion	22.452	22.465	(0.829)	426255	2.08311	143.2
	33 Bolstar / Famphur	23.632	23.627	(0.873)	986705	3.43448	236.1
	34 Carbophenothion	23.960	23.947	(0.885)	460326	1.68952	116.2
$	35 Triphenyl phosphate	25.282	25.270	(0.934)	205594	0.94921	65.26
	36 Phosmet	25.774	25.769	(0.952)	415449	1.90195	130.8
	37 EPN	26.104	26.097	(0.964)	479383	1.71026	117.6
	38 Azinphos-methyl	26.588	26.584	(0.982)	395550	1.92974	132.7
*	39 TOCP	27.079	27.076	(1.000)	496315	2.00000	
	40 Azinphos-ethyl	27.172	27.172	(1.003)	445255	1.72632	118.7
	41 Coumaphos	27.692	27.694	(1.023)	398088	1.87387	128.8
M	42 Total Demeton				406903	1.25701	86.42
M	43 Merphos				509640	1.55463	106.9

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_D.i
Lab File ID: 052F5201.D
Lab Smp Id: LHA071AD
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Misc Info:

Calibration Date: 09-AUG-2009
Calibration Time: 20:00
Client Smp ID: RSAU4-20
Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	836019	418010	1672038	701094	-16.14
39 TOCP	555487	277744	1110974	496315	-10.65

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.72	13.22	14.22	13.72	0.00
39 TOCP	27.08	26.58	27.58	27.08	-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 Environmen30-JUL-2009 00:00 Client SDG: D9G3003
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LHA071AD Client Smp ID: RSAU4-20
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_D.i\0808091.B\8141A-1.m
Misc Info:

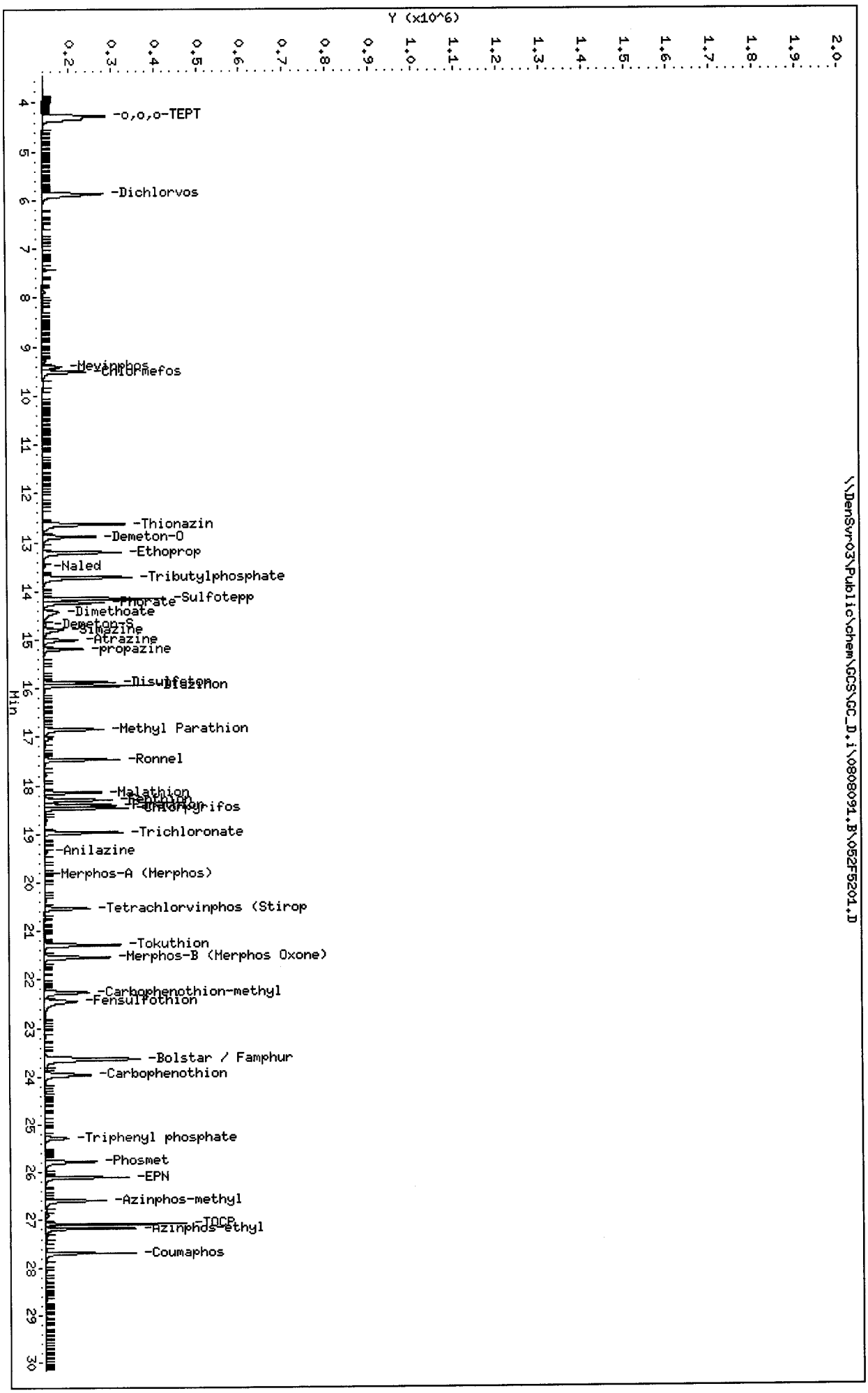
	SPIKE	COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
	1	o,o,o-TEPT	137.5	79.83	58.05	36-119
	2	Dichlorvos	137.5	148.5	107.97	50-120
	3	Mevinphos	137.5	90.49	65.81	35-108
$	4	Chlormefos	68.75	44.05	64.08	48-114
	5	Thionazin	137.5	110.0	80.01	65-116
	6	Demeton-O	95.98	79.38	82.70	36-119
	7	Ethoprop	137.5	113.1	82.26	65-108
	8	Naled	137.5	20.01	14.55*	36-119
	10	Sulfotepp	137.5	91.96	66.88*	69-103
	11	Phorate	137.5	78.74	57.26*	62-104
	12	Dimethoate	137.5	64.99	47.27	28-115
	13	Demeton-S	41.53	7.045	16.97*	36-119
	14	Simazine	137.5	113.4	82.47	47-109
	15	Atrazine	137.5	114.0	82.88	36-119
	16	propazine	137.5	112.3	81.67	36-119
	17	Disulfoton	137.5	79.50	57.82	36-119
	18	Diazinon	137.5	102.9	74.87	36-119
	19	Methyl Parathion	137.5	116.3	84.58	68-119
	20	Ronnel	137.5	112.7	81.94	62-115
	21	Malathion	137.5	99.52	72.38	67-115
	22	Fenthion	137.5	107.0	77.83	36-119
	23	Parathion	137.5	114.0	82.93	36-119
	25	Trichloronate	137.5	99.06	72.04	36-119
	24	Chlorpyrifos	137.5	105.0	76.36	36-119
	26	Anilazine	137.5	88.97	64.70	47-115
	28	Tetrachlorvinphos	137.5	118.2	85.93	36-119
	29	Tokuthion	137.5	114.4	83.24	36-119
	32	Fensulfothion	137.5	143.2	104.16	61-115
	33	Bolstar / Famphur	275.0	236.1	85.86	36-119
	34	Carbophenothion	137.5	116.2	84.48	50-150
$	35	Triphenyl phosphat	68.75	65.26	94.92	50-150
	36	Phosmet	137.5	130.8	95.10	50-150
	37	EPN	137.5	117.6	85.51	36-119
	38	Azinphos-methyl	137.5	132.7	96.49	55-115
	41	Coumaphos	137.5	128.8	93.69	62-115
M	42	Total Demeton	137.5	86.42	62.85	47-115
M	43	Merphos	137.5	106.9	77.73	36-119

TestAmerica

RECOVERY REPORT

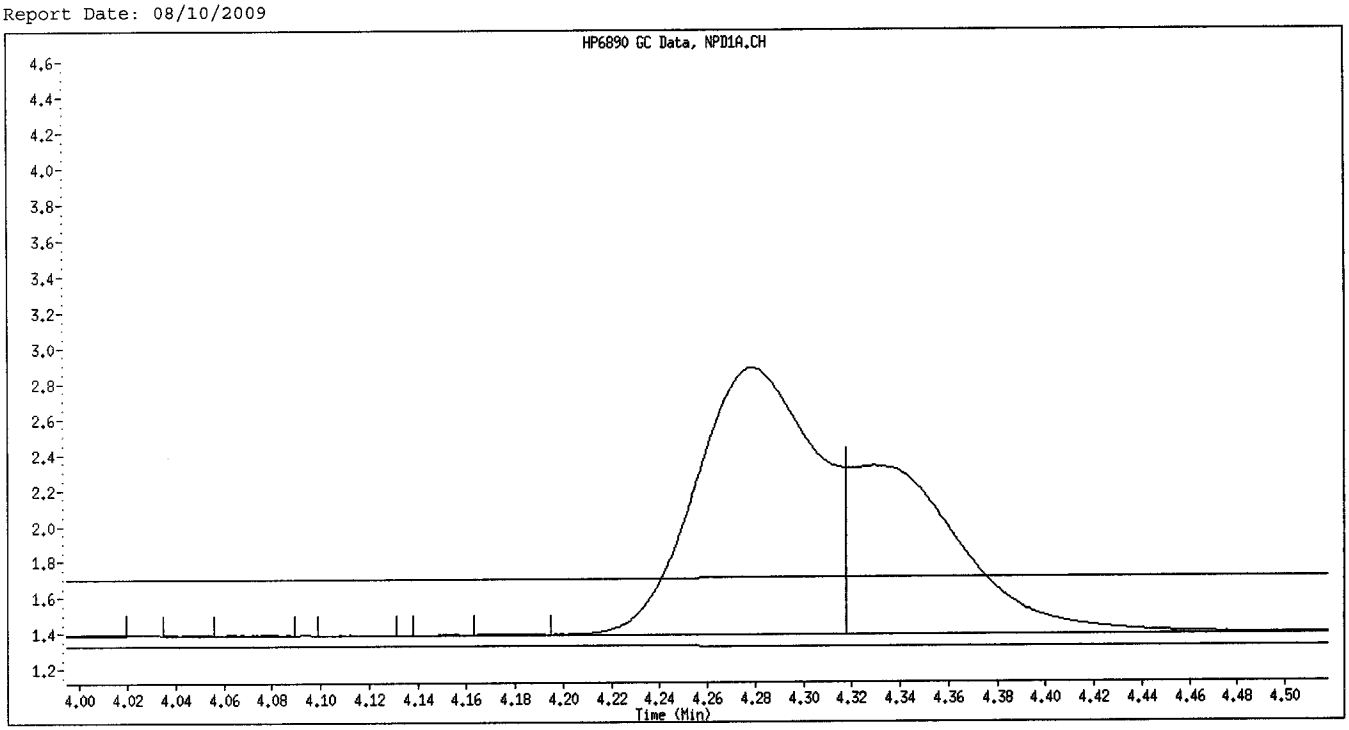
Client Name: Northgate Environmen30-JUL-2009 00:00 Client SDG: D9G3003
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LHA071AD Client Smp ID: RSAU4-20
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: MS
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 4 Chlormefos	68.73	44.05	64.08	59-112
$ 35 Triphenyl phosphat	68.73	65.26	94.92	50-150

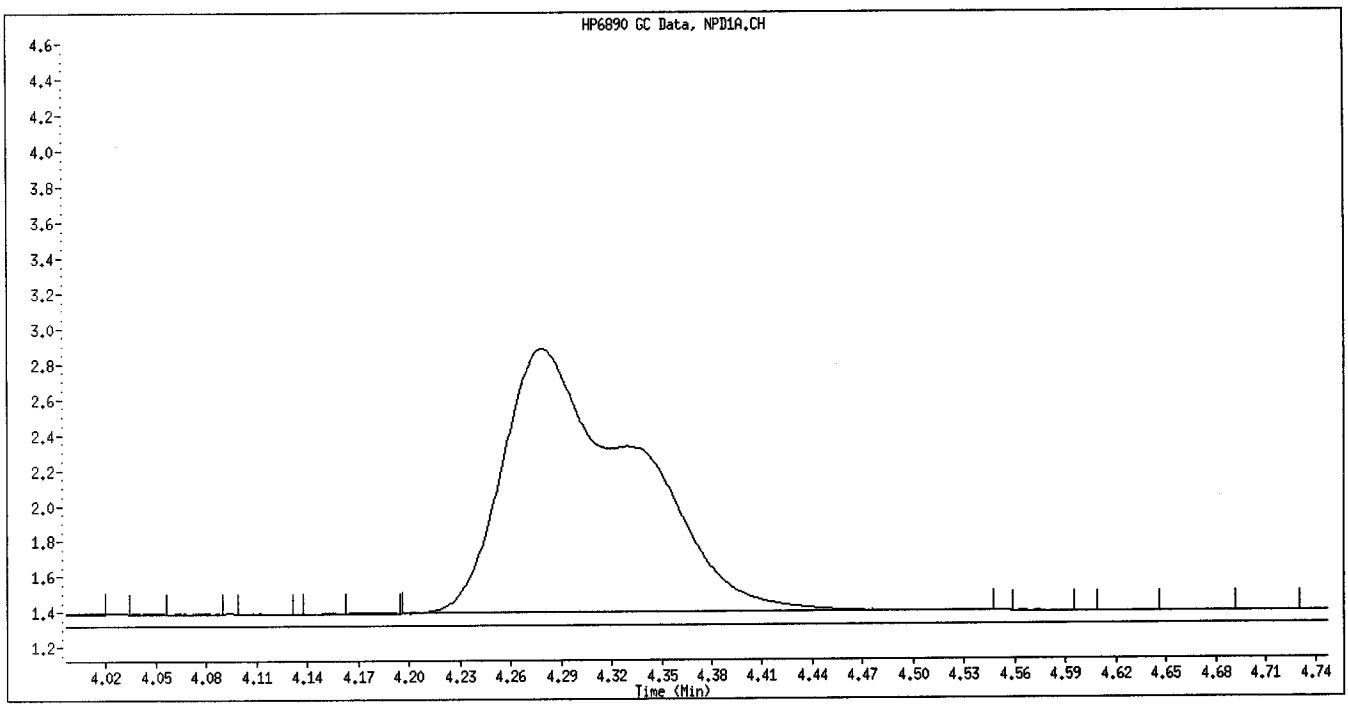

Data File: \\DenSvr03\Public\chem\GCS\GC_D,i\0808091,B\052F5201.D
Date : 09-AUG-2009 22:26
Client ID: RSAU4-20
Sample Info: LHA071AD,332-1S
Column phase: RTx-1MS
Instrument: GC_D,i
Operator: MPK/TLW
Column diameter: 0.32
\\DenSvr03\Public\chem\GCS\GC_D,i\0808091,B\052F5201.D
Y (x10^6)
Min
-o,o,o-TEPT
-Dichlorvos
-Mevinphos
-Chlormefos
-Thionazin
-Demeton-O
-Ethoprop
-Naled
-Tributylphosphate
-Sulfotepp
-Phorate
-Dimethoate
-Demeton-S
-Simazine
-Atrazine
-propazine
-Disulfoton
-Diazinon
-Methyl Parathion
-Ronnel
-Malathion
-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
-TOCP
-Azinphos-ethyl
-Coumaphos

Page 6

Data File Name: 052F5201.D
Inj. Date and Time: 09-AUG-2009 22:26
Instrument ID: GC_D.i
Client ID: RSAU4-20
Compound Name: o,o,o-TEPT
CAS #:
Report Date: 08/10/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\052F5201.D
Lab Smp Id: LHA071AD Client Smp ID: RSAU4-20
Inj Date : 09-AUG-2009 22:26
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : LHA071AD,332-1S
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Meth Date : 10-Aug-2009 13:57 williamst Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 Cal File: 009F0901.D
Als bottle: 52 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	29.090	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	6.775	6.758	(0.418)	890383	1.15369	79.32
	2 Dichlorvos	8.962	8.952	(0.553)	813768	2.36543	162.6
$	3 Chlormefos	12.896	12.885	(0.796)	329234	0.59238	40.73
	4 Mevinphos	13.016	13.006	(0.803)	237068	1.14345	78.61
	5 Demeton-O	15.947	15.939	(0.984)	379004	1.20018	82.51
	6 Thionazin	16.076	16.067	(0.992)	746981	1.59649	109.8
*	7 Tributylphosphate	16.203	16.193	(1.000)	825329	2.00000	
	8 Ethoprop	16.343	16.332	(1.009)	686629	1.60460	110.3
	9 Naled	16.929	16.921	(1.045)	8086	0.22074	15.18
	10 Sulfotepp	17.242	17.234	(1.064)	1252662	1.81690	124.9
	11 Phorate	Compound Not Detected.					
	12 Demeton-S	17.976	17.962	(1.109)	18125	0.05719	3.932(R)
	13 Simazine	18.377	18.368	(1.134)	203924	2.24149	154.1
	14 Atrazine / Propazine	18.444	18.434	(1.138)	625750	3.30345	227.1
	15 Dimethoate	18.580	18.569	(1.147)	279136	0.73422	50.48
	16 Diazinon	18.977	18.967	(1.171)	621025	1.51811	104.4
	17 Disulfoton	19.240	19.231	(1.187)	473470	1.14590	78.78(R)
	18 Methyl Parathion	21.144	21.132	(0.737)	548943	1.88640	129.7
	19 Ronnel	21.232	21.222	(0.740)	587792	1.66748	114.6
	20 Malathion	22.503	22.492	(0.784)	409365	1.45516	100.0
	21 Chlorpyrifos	22.657	22.644	(0.789)	570397	1.73954	119.6
	22 Trichloronate	22.831	22.819	(0.795)	588569	1.46143	100.5

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	23 Parathion	22.881	22.866	(0.797)	600634	1.61176	110.8
	24 Fenthion	22.954	22.942	(0.800)	582614	1.60716	110.5
	25 Merphos-A (Merphos)	23.469	23.472	(0.818)	79	0.12759	8.772
	26 Anilazine	24.460	24.451	(0.852)	7756	0.40426	27.79(R)
	27 Tetrachlorvinphos (stirophos)	25.875	25.869	(0.901)	408131	1.76724	121.5
	28 Tokuthion	26.051	26.043	(0.907)	648946	1.68124	115.6
	29 Merphos-B (Merphos oxone)	26.183	26.176	(0.912)	568289	9.43318	648.6(A)
	30 Carbophenothion methyl	27.002	26.999	(0.941)	493839	1.83014	125.8
	31 Fensulfothion	27.238	27.237	(0.949)	432786	1.86277	128.1
	32 Bolstar	27.350	27.347	(0.953)	619353	1.67630	115.2
	33 Carbophenothion	27.463	27.460	(0.957)	516237	1.67162	114.9
	34 Famphur	27.647	27.644	(0.963)	545705	1.93377	133.0
$	35 Triphenyl phosphate	27.936	27.932	(0.973)	249124	0.94333	64.86
	36 EPN	28.241	28.240	(0.984)	538452	1.77769	122.2
	37 Phosmet	28.368	28.366	(0.988)	470962	1.90811	131.2
*	38 TOCP	28.707	28.705	(1.000)	610297	2.00000	
	39 Azinphos-methyl	28.817	28.816	(1.004)	435749	2.10554	144.8(R)
	40 Azinphos-ethyl	29.129	29.127	(1.015)	411720	1.85982	127.9
	41 Coumaphos	29.453	29.453	(1.026)	369157	1.86136	128.0
M	42 Total Demeton				397129	1.25737	86.45
M	43 Merphos				568368	1.58382	108.9

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_D.i
Lab File ID: 052F5201.D
Lab Smp Id: LHA071AD
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Misc Info:

Calibration Date: 09-AUG-2009
Calibration Time: 20:00
Client Smp ID: RSAU4-20
Level: LOW
Sample Type: SOIL

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
7 Tributylphosphate	941095	470548	1882190	825329	-12.30
38 TOCP	681586	340793	1363172	610297	-10.46

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.20	15.70	16.70	16.20	0.00
38 TOCP	28.71	28.21	29.21	28.71	-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

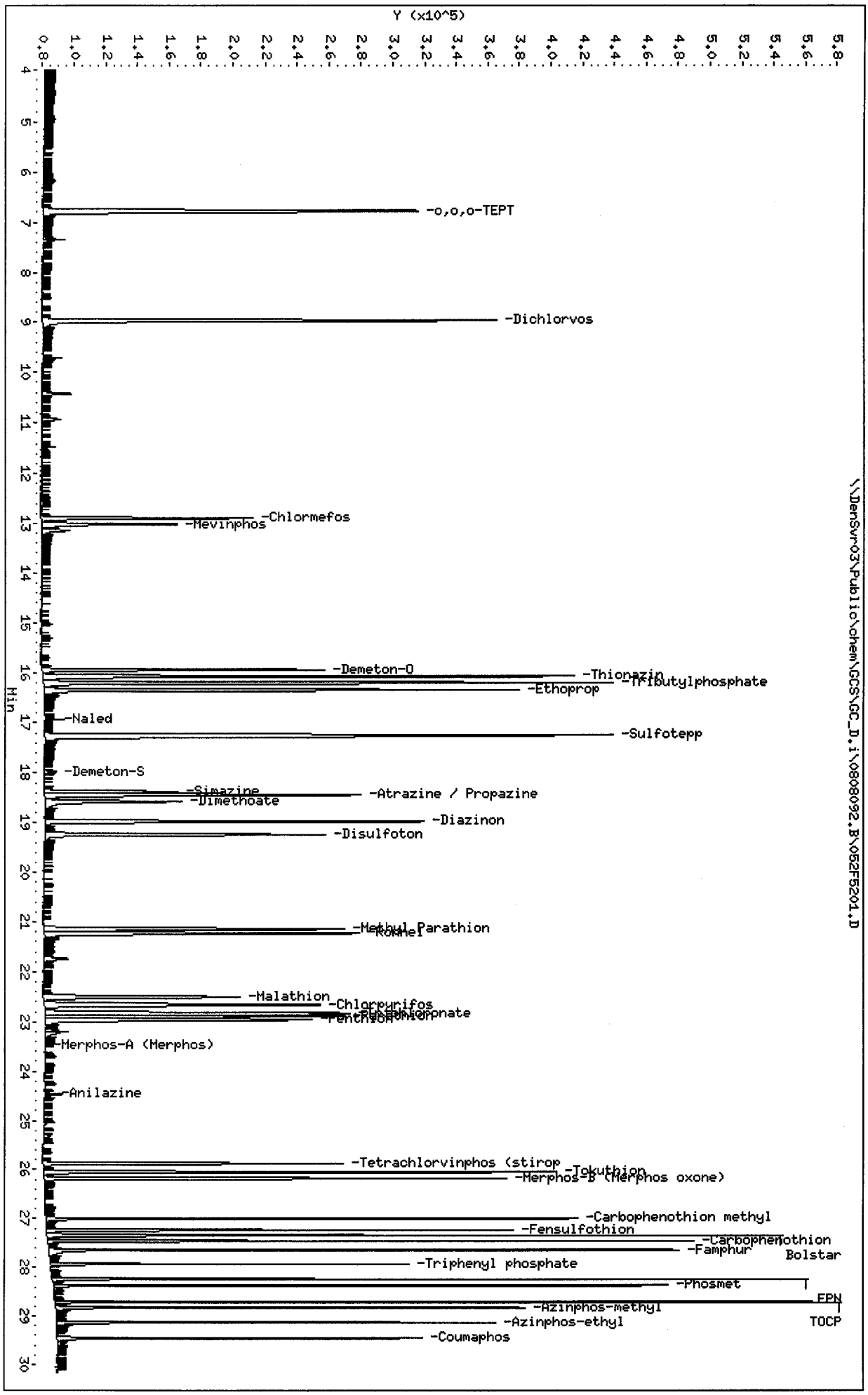
RECOVERY REPORT

Client Name: Northgate Environmen30-JUL-2009 00:00 Client SDG: D9G3003
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LHA071AD Client Smp ID: RSAU4-20
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_D.i\0808092.B\8141A-2.m
Misc Info:

	SPIKE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
	1 o,o,o-TEPT	137.5	79.32	57.68	36-119
	2 Dichlorvos	137.5	162.6	118.27	50-120
$	3 Chlormefos	68.75	40.73	59.24	58-114
	4 Mevinphos	137.5	78.61	57.17	35-108
	5 Demeton-O	96.25	82.51	85.73	36-119
	6 Thionazin	137.5	109.8	79.82	65-116
	8 Ethoprop	137.5	110.3	80.23	36-119
	11 Phorate	137.5	0.0000	*	36-119
	13 Simazine	137.5	154.1	112.07	36-119
	16 Diazinon	137.5	104.4	75.91	36-119
	17 Disulfoton	137.5	78.78	57.30*	61-103
	12 Demeton-S	41.25	3.932	9.53*	36-119
	15 Dimethoate	137.5	50.48	36.71	28-82
	19 Ronnel	137.5	114.6	83.37	62-99
	21 Chlorpyrifos	137.5	119.6	86.98	66-101
	24 Fenthion	137.5	110.5	80.36	36-119
	22 Trichloronate	137.5	100.5	73.07	36-119
	26 Anilazine	137.5	27.79	20.21*	36-119
M	43 Merphos	137.5	108.9	79.19	36-119
	18 Methyl Parathion	137.5	129.7	94.32	36-119
	20 Malathion	137.5	100.0	72.76	36-119
	28 Tokuthion	137.5	115.6	84.06	36-119
	23 Parathion	137.5	110.8	80.59	36-119
	27 Tetrachlorvinphos	137.5	121.5	88.36	36-119
	32 Bolstar	137.5	115.2	83.81	36-119
$	35 Triphenyl phosphat	68.75	64.86	94.33	36-119
	31 Fensulfothion	137.5	128.1	93.14	20-105
	36 EPN	137.5	122.2	88.88	36-119
	34 Famphur	137.5	133.0	96.69	61-108
	39 Azinphos-methyl	137.5	144.8	105.28*	55-103
	41 Coumaphos	137.5	128.0	93.07	36-119
M	42 Total Demeton	137.5	86.45	62.87	47-100

	SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$	3 Chlormefos	68.73	40.73	59.24	59-112

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 35 Triphenyl phosphat	68.73	64.86	94.33	50-150



Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\052F5201.D
Date : 09-AUG-2009 22:26
Client ID: RSAU4-20
Sample Info: LHA071AD,332-1S
Column phase: RTx-OPPest
Instrument: GC_D.i
Operator: MPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\053F5301.D
Lab Smp Id: LHA071AE Client Smp ID: RSAU4-20
Inj Date : 09-AUG-2009 23:02
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : LHA071AE,332-1D
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Meth Date : 10-Aug-2009 13:51 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 Cal File: 009F0901.D
Als bottle: 53 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	29.470	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	4.279	4.267	(0.312)	752709	1.17232	79.56 (M)
	2 Dichlorvos	5.869	5.865	(0.428)	569052	2.10886	143.1
	3 Mevinphos	9.414	9.407	(0.686)	129211	1.26062	85.55
$	4 Chlormefos	9.514	9.502	(0.694)	312199	0.63165	42.87
	5 Thionazin	12.633	12.625	(0.921)	543472	1.49269	101.3
	6 Demeton-O	12.887	12.876	(0.939)	352935	1.17012	79.41
	7 Ethoprop	13.212	13.205	(0.963)	509307	1.56132	106.0
	8 Naled	13.490	13.482	(0.983)	14812	0.28636	19.43 (R)
*	9 Tributylphosphate	13.718	13.714	(1.000)	641195	2.00000	
	10 Sulfotepp	14.154	14.143	(1.032)	601815	1.19884	81.36 (R)
	11 Phorate	14.239	14.227	(1.038)	349009	1.05585	71.66 (R)
	12 Dimethoate	14.424	14.416	(1.052)	237860	1.02588	69.62
	13 Demeton-S	14.693	14.682	(1.071)	25315	0.10787	7.321 (R)
	14 Simazine	14.792	14.783	(1.078)	189606	1.67999	114.0
	15 Atrazine	15.007	14.997	(1.094)	233557	1.68346	114.2
	16 propazine	15.189	15.178	(1.107)	233200	1.65016	112.0
	17 Disulfoton	15.876	15.866	(0.586)	346962	1.12786	76.54
	18 Diazinon	15.942	15.934	(0.589)	493253	1.39774	94.86
	19 Methyl Parathion	16.844	16.829	(0.622)	392375	1.59968	108.6
	20 Ronnel	17.468	17.456	(0.645)	381736	1.46249	99.25
	21 Malathion	18.141	18.134	(0.670)	331550	1.45588	98.80
	22 Fenthion	18.295	18.284	(0.676)	408977	1.55492	105.5

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	23 Parathion	18.403	18.392	(0.680)	419278	1.62356	110.2
	24 Chlorpyrifos	18.463	18.451	(0.682)	483633	1.44421	98.01
	25 Trichloronate	18.970	18.958	(0.701)	429135	1.32241	89.75
	26 Anilazine	19.358	19.345	(0.715)	26224	1.29503	87.89
	27 Merphos-A (Merphos)	19.832	19.804	(0.732)	1376	0.11009	7.471
	28 Tetrachlorvinphos (Stirophos)	20.534	20.532	(0.758)	314545	1.76244	119.6
	29 Tokuthion	21.289	21.278	(0.786)	510094	1.65272	112.2
	30 Merphos-B (Merphos Oxone)	21.543	21.536	(0.796)	477141	9.87978	670.5(A)
	31 Carbophenothion-methyl	22.266	22.254	(0.822)	374497	1.78467	121.1
	32 Fensulfothion	22.454	22.465	(0.829)	402974	2.13910	145.2
	33 Bolstar / Famphur	23.635	23.627	(0.873)	937591	3.55645	241.4
	34 Carbophenothion	23.959	23.947	(0.885)	434195	1.73871	118.0
$	35 Triphenyl phosphate	25.283	25.270	(0.934)	192618	0.97026	65.85
	36 Phosmet	25.777	25.769	(0.952)	394379	1.96600	133.4
	37 EPN	26.105	26.097	(0.964)	456158	1.77557	120.5
	38 Azinphos-methyl	26.590	26.584	(0.982)	383833	2.03418	138.0
*	39 TOCP	27.080	27.076	(1.000)	454899	2.00000	
	40 Azinphos-ethyl	27.173	27.172	(1.003)	425011	1.79786	122.0
	41 Coumaphos	27.694	27.694	(1.023)	383690	1.96677	133.5
M	42 Total Demeton				378250	1.27799	86.73
M	43 Merphos				478517	1.59259	108.1

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_D.i
Lab File ID: 053F5301.D
Lab Smp Id: LHA071AE
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Misc Info:

Calibration Date: 09-AUG-2009
Calibration Time: 20:00
Client Smp ID: RSAU4-20
Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	836019	418010	1672038	641195	-23.30
39 TOCP	555487	277744	1110974	454899	-18.11

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.72	13.22	14.22	13.72	-0.00
39 TOCP	27.08	26.58	27.58	27.08	-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 Environmen30-JUL-2009 00:00 Client SDG: D9G3003
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LHA071AE Client Smp ID: RSAU4-20
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_D.i\0808091.B\8141A-1.m
Misc Info:

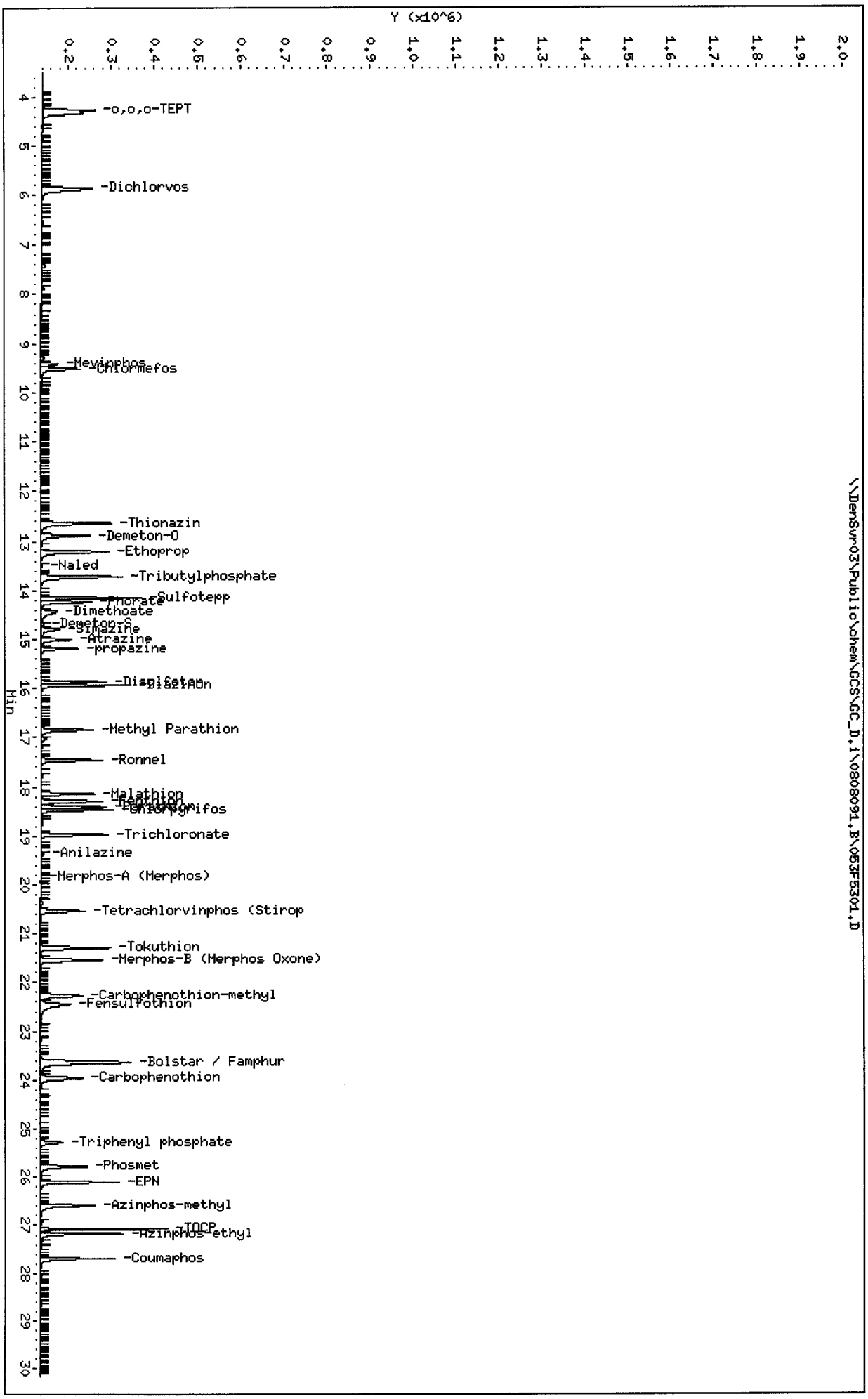
	SPIKE	COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
	1	o,o,o-TEPT	135.7	79.56	58.62	36-119
	2	Dichlorvos	135.7	143.1	105.44	50-120
	3	Mevinphos	135.7	85.55	63.03	35-108
$	4	Chlormefos	67.86	42.87	63.17	48-114
	5	Thionazin	135.7	101.3	74.63	65-116
	6	Demeton-O	94.74	79.41	83.82	36-119
	7	Ethoprop	135.7	106.0	78.07	65-108
	8	Naled	135.7	19.43	14.32*	36-119
	10	Sulfotepp	135.7	81.36	59.94*	69-103
	11	Phorate	135.7	71.66	52.79*	62-104
	12	Dimethoate	135.7	69.62	51.29	28-115
	13	Demeton-S	40.99	7.321	17.86*	36-119
	14	Simazine	135.7	114.0	84.00	47-109
	15	Atrazine	135.7	114.2	84.17	36-119
	16	propazine	135.7	112.0	82.51	36-119
	17	Disulfoton	135.7	76.54	56.39	36-119
	18	Diazinon	135.7	94.86	69.89	36-119
	19	Methyl Parathion	135.7	108.6	79.98	68-119
	20	Ronnel	135.7	99.25	73.12	62-115
	21	Malathion	135.7	98.80	72.79	67-115
	22	Fenthion	135.7	105.5	77.75	36-119
	23	Parathion	135.7	110.2	81.18	36-119
	25	Trichloronate	135.7	89.75	66.12	36-119
	24	Chlorpyrifos	135.7	98.01	72.21	36-119
	26	Anilazine	135.7	87.89	64.75	47-115
	28	Tetrachlorvinphos	135.7	119.6	88.12	36-119
	29	Tokuthion	135.7	112.2	82.64	36-119
	32	Fensulfothion	135.7	145.2	106.96	61-115
	33	Bolstar / Famphur	271.5	241.4	88.91	36-119
	34	Carbophenothion	135.7	118.0	86.94	50-150
$	35	Triphenyl phosphat	67.86	65.85	97.03	50-150
	36	Phosmet	135.7	133.4	98.30	50-150
	37	EPN	135.7	120.5	88.78	36-119
	38	Azinphos-methyl	135.7	138.0	101.71	55-115
	41	Coumaphos	135.7	133.5	98.34	62-115
M	42	Total Demeton	135.7	86.73	63.90	47-115
M	43	Merphos	135.7	108.1	79.63	36-119

TestAmerica

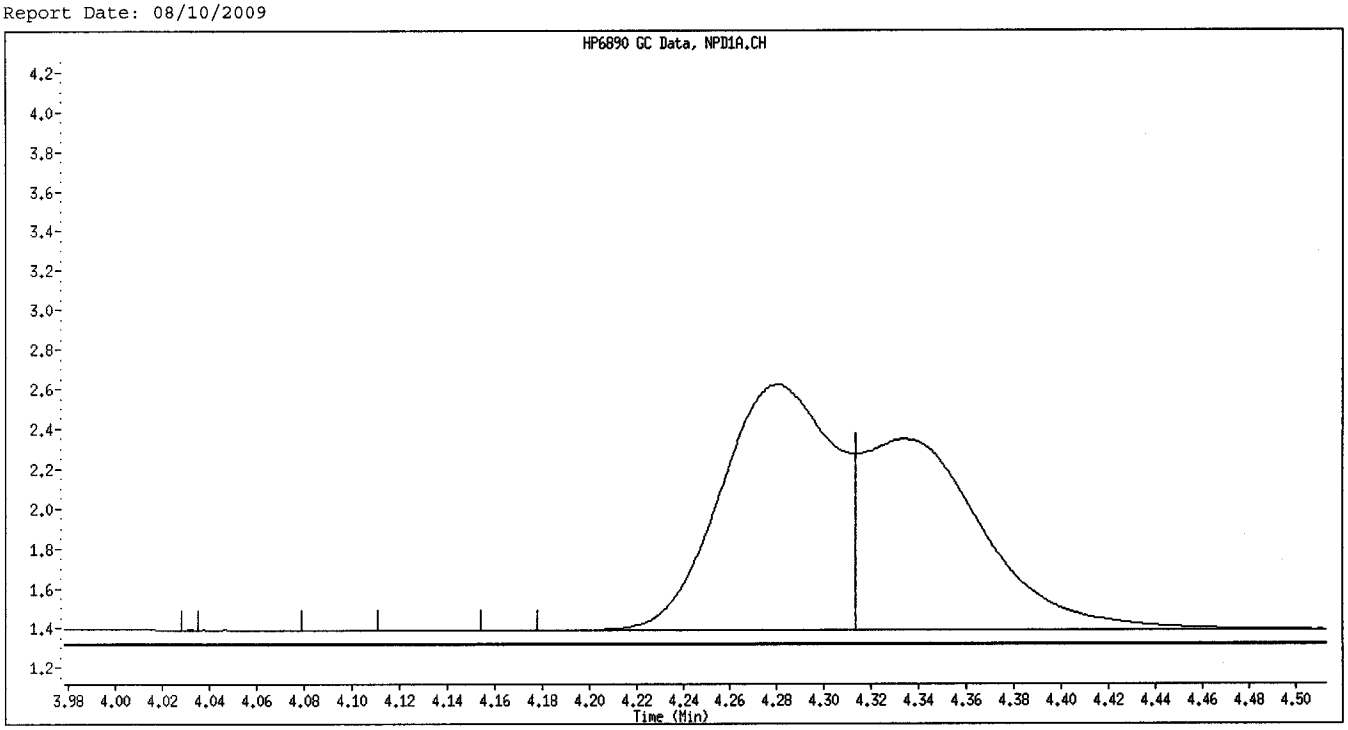
RECOVERY REPORT

Client Name: Northgate Environmen30-JUL-2009 00:00 Client SDG: D9G3003
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LHA071AE Client Smp ID: RSAU4-20
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_D.i\0808091.B\8141A-1.m
Misc Info:

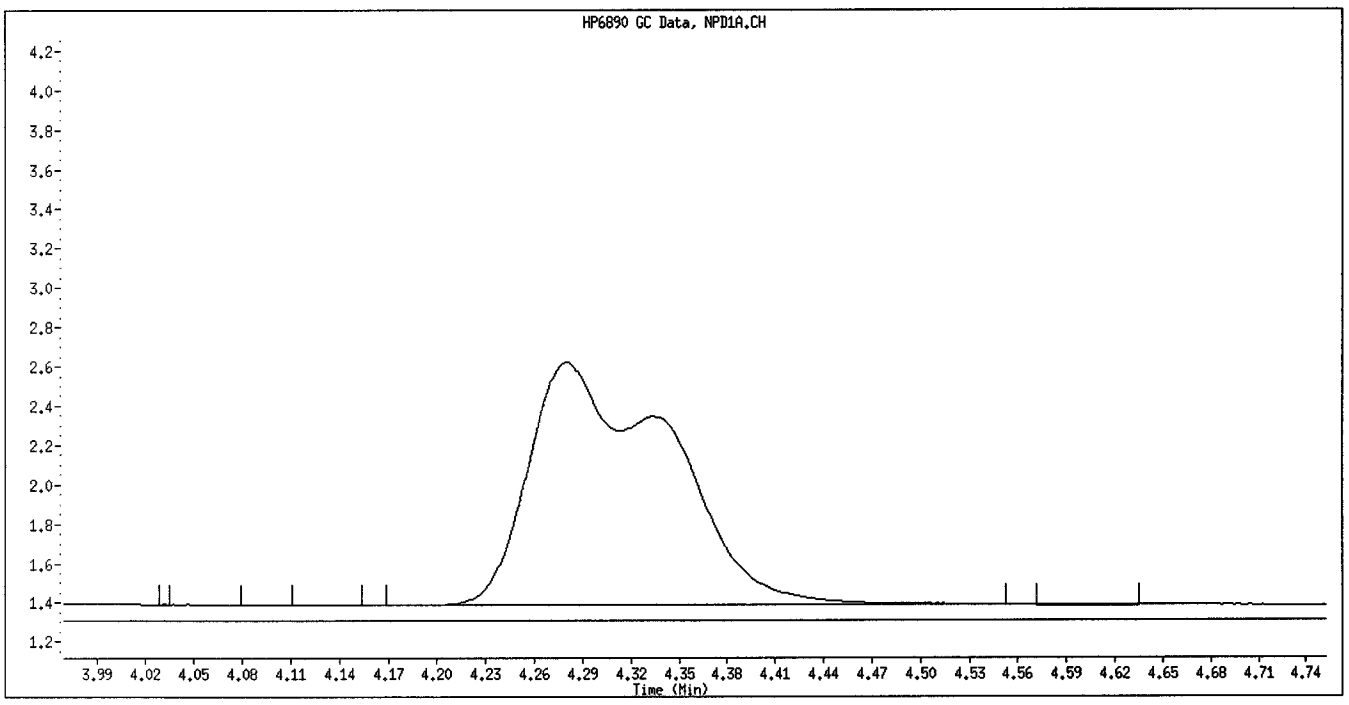
SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 4 Chlormefos	68.73	42.87	63.17	59-112
$ 35 Triphenyl phosphat	68.73	65.85	97.03	50-150


Data File: \\DenSvr03\Public\chem\GCS\GC_D,i\0808091,B\053F5301,D
Date : 09-AUG-2009 23:02
Client ID: RSAU4-20
Sample Info: LHA071AE,332-1D
Column phase: RTx-1MS
Instrument: GC_D,i
Operator: MPK/TLW
Column diameter: 0,32
\\DenSvr03\Public\chem\GCS\GC_D,i\0808091,B\053F5301,D
Y (x10^6)
Min
-o,o,o-TEPT
-Dichlorvos
-Mevinphos
-Chlormefos
-Thionazin
-Demeton-O
-Ethoprop
-Naled
-Tributylphosphate
-Sulfotepp
-Phorate
-Dimethoate
-Demeton-S
-Simazine
-Atrazine
-propazine
-Disulfoton
-Methyl Parathion
-Ronnel
-Malathion
-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
-TOCP
-Azinphos-ethyl
-Coumaphos

Data File Name: 053F5301.D
Inj. Date and Time: 09-AUG-2009 23:02
Instrument ID: GC_D.i
Client ID: RSAU4-20
Compound Name: o,o,o-TEPT
CAS #:
Report Date: 08/10/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

8/10/09

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Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\053F5301.D
Lab Smp Id: LHA071AE Client Smp ID: RSAU4-20
Inj Date : 09-AUG-2009 23:02
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : LHA071AE,332-1D
Misc Info :
Comment   :
Method   : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Meth Date : 10-Aug-2009 13:57 williamst Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 Cal File: 009F0901.D
Als bottle: 53 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	29.470	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	6.777	6.758	(0.418)	811709	1.15658	78.49
2	Dichlorvos	8.965	8.952	(0.553)	724813	2.31687	157.2
$ 3	Chlormefos	12.896	12.885	(0.796)	293185	0.57861	39.27(RR)
4	Mevinphos	13.016	13.006	(0.803)	208905	1.10943	75.29
5	Demeton-O	15.948	15.939	(0.984)	350088	1.21911	82.74
6	Thionazin	16.075	16.067	(0.992)	632756	1.48716	100.9
* 7	Tributylphosphate	16.203	16.193	(1.000)	750520	2.00000	
8	Ethoprop	16.342	16.332	(1.009)	586597	1.49703	101.6
9	Naled	16.927	16.921	(1.045)	7367	0.22084	14.99
10	Sulfotepp	17.242	17.234	(1.064)	719868	1.14819	77.92
11	Phorate	17.276	17.268	(1.066)	315250	0.99409	67.46
12	Demeton-S	17.974	17.962	(1.109)	9667	0.03355	2.276(R)
13	Simazine	18.377	18.368	(1.134)	187626	2.26453	153.7
14	Atrazine / Propazine	18.443	18.434	(1.138)	575498	3.34099	226.7
15	Dimethoate	18.580	18.569	(1.147)	286889	0.82195	55.78
16	Diazinon	18.976	18.967	(1.171)	531532	1.42886	96.97
17	Disulfoton	19.240	19.231	(1.187)	418801	1.11462	75.64(R)
18	Methyl Parathion	21.144	21.132	(0.737)	471533	1.77150	120.2
19	Ronnel	21.232	21.222	(0.740)	489641	1.51384	102.7
20	Malathion	22.503	22.492	(0.784)	368794	1.42939	97.01
21	Chlorpyrifos	22.654	22.644	(0.789)	281130	0.95301	64.68(R)
22	Trichloronate	22.833	22.819	(0.795)	470229	1.28086	86.93

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	23 Parathion	22.878	22.866	(0.797)	551414	1.61267	109.4
	24 Fenthion	22.951	22.942	(0.799)	522523	1.57035	106.6
	25 Merphos-A (Merphos)	23.479	23.472	(0.818)	69	0.12758	8.658
	26 Anilazine	24.453	24.451	(0.852)	2341	0.21845	14.82(R)
	27 Tetrachlorvinphos (stirophos)	25.877	25.869	(0.901)	381556	1.79914	122.1
	28 Tokuthion	26.051	26.043	(0.907)	592849	1.67391	113.6
	29 Merphos-B (Merphos oxone)	26.183	26.176	(0.912)	530980	9.75861	662.3(A)
	30 Carbophenothion methyl	27.003	26.999	(0.941)	462938	1.86977	126.9
	31 Fensulfothion	27.239	27.237	(0.949)	412489	1.93151	131.1
	32 Bolstar	27.350	27.347	(0.953)	586186	1.72908	117.3
	33 Carbophenothion	27.462	27.460	(0.957)	485343	1.71279	116.2
	34 Famphur	27.648	27.644	(0.963)	512694	1.98003	134.4
$	35 Triphenyl phosphate	27.936	27.932	(0.973)	236072	0.97422	66.12
	36 EPN	28.242	28.240	(0.984)	507705	1.82679	124.0
	37 Phosmet	28.369	28.366	(0.988)	448819	1.97961	134.3
*	38 TOCP	28.708	28.705	(1.000)	559983	2.00000	
	39 Azinphos-methyl	28.819	28.816	(1.004)	409872	2.15708	146.4(R)
	40 Azinphos-ethyl	29.130	29.127	(1.015)	392541	1.93251	131.2
	41 Coumaphos	29.456	29.453	(1.026)	352662	1.93610	131.4
M	42 Total Demeton				359755	1.25266	85.01
M	43 Merphos				531049	1.61286	109.4

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_D.i
Lab File ID: 053F5301.D
Lab Smp Id: LHA071AE
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Misc Info:

Calibration Date: 09-AUG-2009
Calibration Time: 20:00
Client Smp ID: RSAU4-20
Level: LOW
Sample Type: SOIL

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
7 Tributylphosphate	941095	470548	1882190	750520	-20.25
38 TOCP	681586	340793	1363172	559983	-17.84

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.20	15.70	16.70	16.20	-0.00
38 TOCP	28.71	28.21	29.21	28.71	-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

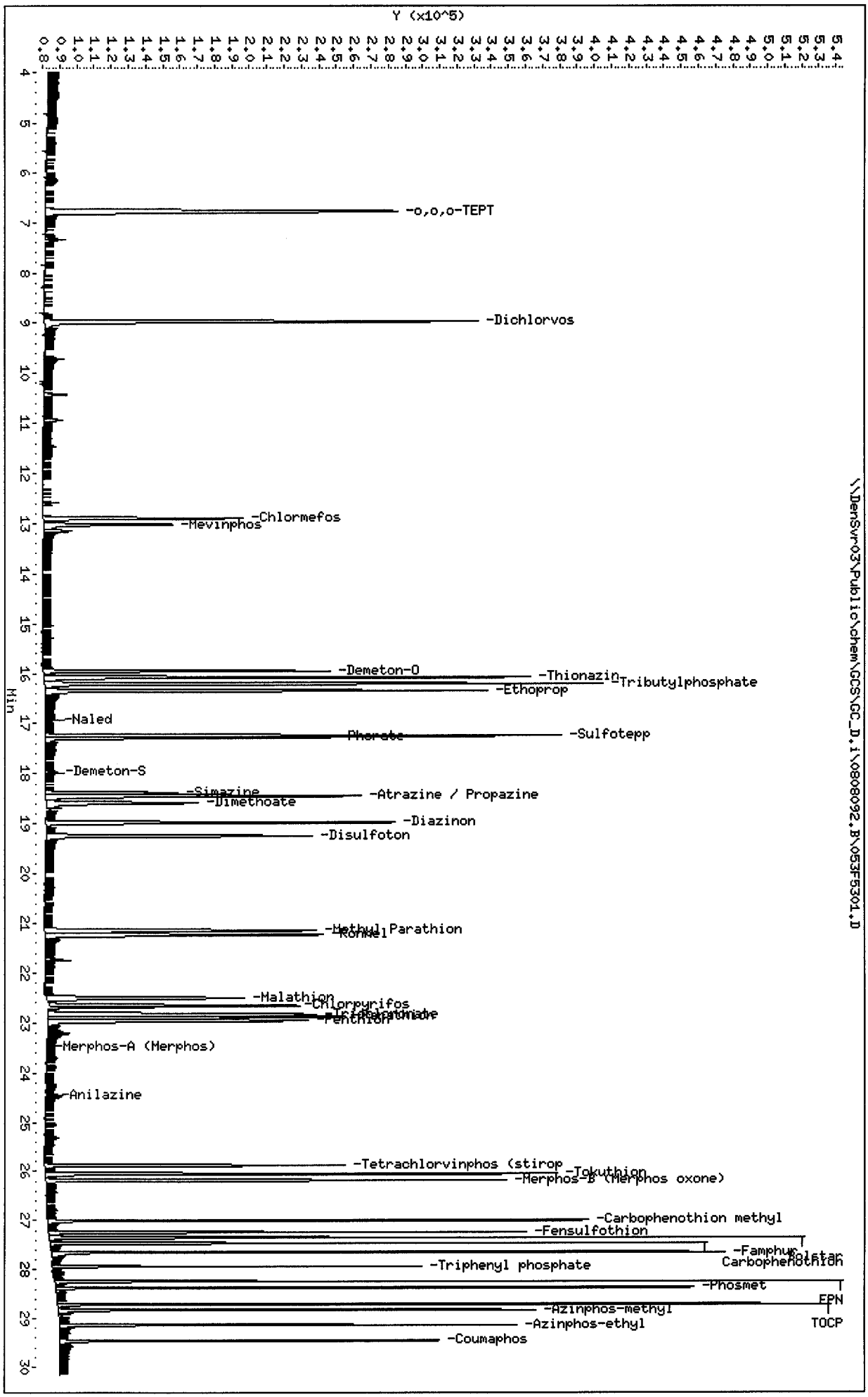
RECOVERY REPORT

Client Name: Northgate Environmen30-JUL-2009 00:00 Client SDG: D9G3003
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LHA071AE Client Smp ID: RSAU4-20
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_D.i\0808092.B\8141A-2.m
Misc Info:

	SPIKE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
	1 o,o,o-TEPT	135.7	78.49	57.83	36-119
	2 Dichlorvos	135.7	157.2	115.84	50-120
$	3 Chlormefos	67.86	39.27	57.86*	58-114
	4 Mevinphos	135.7	75.29	55.47	35-108
	5 Demeton-O	95.01	82.74	87.08	36-119
	6 Thionazin	135.7	100.9	74.36	65-116
	8 Ethoprop	135.7	101.6	74.85	36-119
	11 Phorate	135.7	67.46	49.70	36-119
	13 Simazine	135.7	153.7	113.23	36-119
	16 Diazinon	135.7	96.97	71.44	36-119
	17 Disulfoton	135.7	75.64	55.73*	61-103
	12 Demeton-S	40.72	2.276	5.59*	36-119
	15 Dimethoate	135.7	55.78	41.10	28-82
	19 Ronnel	135.7	102.7	75.69	62-99
	21 Chlorpyrifos	135.7	64.68	47.65*	66-101
	24 Fenthion	135.7	106.6	78.52	36-119
	22 Trichloronate	135.7	86.93	64.04	36-119
	26 Anilazine	135.7	14.82	10.92*	36-119
M	43 Merphos	135.7	109.4	80.64	36-119
	18 Methyl Parathion	135.7	120.2	88.58	36-119
	20 Malathion	135.7	97.01	71.47	36-119
	28 Tokuthion	135.7	113.6	83.70	36-119
	23 Parathion	135.7	109.4	80.63	36-119
	27 Tetrachlorvinphos	135.7	122.1	89.96	36-119
	32 Bolstar	135.7	117.3	86.45	36-119
$	35 Triphenyl phosphat	67.86	66.12	97.42	36-119
	31 Fensulfothion	135.7	131.1	96.58	20-105
	36 EPN	135.7	124.0	91.34	36-119
	34 Famphur	135.7	134.4	99.00	61-108
	39 Azinphos-methyl	135.7	146.4	107.85*	55-103
	41 Coumaphos	135.7	131.4	96.81	36-119
M	42 Total Demeton	135.7	85.01	62.63	47-100

	SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$	3 Chlormefos	68.73	39.27	57.86*	59-112

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 35 Triphenyl phosphat	68.73	66.12	97.42	50-150



Data File: \\DenSvr03\Public\chem\GCS\GC_D,i\0808092.B\053F5301.D
Date : 09-AUG-2009 23:02
Client ID: RSAU4-20
Sample Info: LHA071AE,332-1D
Column phase: RTx-OPPest

Instrument: GC_D,i
Operator: MPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\054F5401.D
Lab Smp Id: LHA081AA Client Smp ID: RSAU4-50
Inj Date : 09-AUG-2009 23:39
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : LHA081AA,332-2
Misc Info :
Comment   :
Method   : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Meth Date : 10-Aug-2009 13:51 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 Cal File: 009F0901.D
Als bottle: 54
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	28.420	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	9.410	9.407	(0.685)	113	0.40248	28.32 NC
$ 4	Chlormefos	9.516	9.502	(0.693)	196747	0.38698	27.23 (R) — RPT 2?
5	Thionazin	12.628	12.625	(0.920)	868	0.06980	4.912
6	Demeton-O	Compound Not Detected.					
7	Ethoprop	13.217	13.205	(0.963)	267	0.08893	6.258 NC
8	Naled	13.502	13.482	(0.983)	260	0.17517	12.33
* 9	Tributylphosphate	13.729	13.714	(1.000)	659567	2.00000	
10	Sulfotepp	Compound Not Detected.					
11	Phorate	Compound Not Detected.					
12	Dimethoate	14.413	14.416	(1.050)	233	0.35397	24.91 NC
13	Demeton-S	Compound Not Detected.					
14	Simazine	14.822	14.783	(1.080)	528	0.21629	15.22
15	Atrazine	15.007	14.997	(1.093)	72	0.19268	13.56
16	propazine	Compound Not Detected.					
17	Disulfoton	15.900	15.866	(0.587)	213	0.08307	5.846
18	Diazinon	Compound Not Detected.					
19	Methyl Parathion	16.811	16.829	(0.621)	169	0.07325	5.155
20	Ronnel	Compound Not Detected.					
21	Malathion	Compound Not Detected.					
22	Fenthion	18.290	18.284	(0.675)	164	0.06032	4.245

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)	
	23 Parathion	18.384	18.392	(0.679)	83	0.18159	12.78	NAP
	24 Chlorpyrifos	Compound Not Detected.						
	25 Trichloronate	Compound Not Detected.						
	26 Anilazine	19.326	19.345	(0.714)	343	0.41391	29.13	
	27 Merphos-A (Merphos)	19.799	19.804	(0.731)	227	0.10490	7.382	
	28 Tetrachlorvinphos (Stirophos)	20.549	20.532	(0.759)	628	0.09380	6.601	NAP
	29 Tokuthion	Compound Not Detected.						
	30 Merphos-B (Merphos Oxone)	21.545	21.536	(0.796)	508	0.12820	9.022	
	31 Carbophenothion-methyl	22.302	22.254	(0.824)	104	0.10019	7.051	
	32 Fensulfothion	22.462	22.465	(0.829)	879	0.30689	21.60	apt 2°
	33 Bolstar / Famphur	23.622	23.627	(0.872)	124	0.11475	8.075	NC
	34 Carbophenothion	Compound Not Detected.						
$	35 Triphenyl phosphate	25.281	25.270	(0.934)	185324	0.89144	62.73	
	36 Phosmet	25.759	25.769	(0.951)	196	0.10913	7.680	
	37 EPN	Compound Not Detected.						
	38 Azinphos-methyl	26.583	26.584	(0.982)	194	0.15228	10.72	NAP
*	39 TOCP	27.080	27.076	(1.000)	476372	2.00000		
	40 Azinphos-ethyl	Compound Not Detected.						
	41 Coumaphos	27.690	27.694	(1.023)	357	0.07460	5.250	NAP
M	42 Total Demeton	Compound Not Detected.						
M	43 Merphos				735	0.00234	0.1644	

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D.i
Lab File ID: 054F5401.D
Lab Smp Id: LHA081AA
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Misc Info:

Calibration Date: 09-AUG-2009
Calibration Time: 20:00
Client Smp ID: RSAU4-50
Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	836019	418010	1672038	659567	-21.11
39 TOCP	555487	277744	1110974	476372	-14.24

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.72	13.22	14.22	13.73	0.08
39 TOCP	27.08	26.58	27.58	27.08	-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

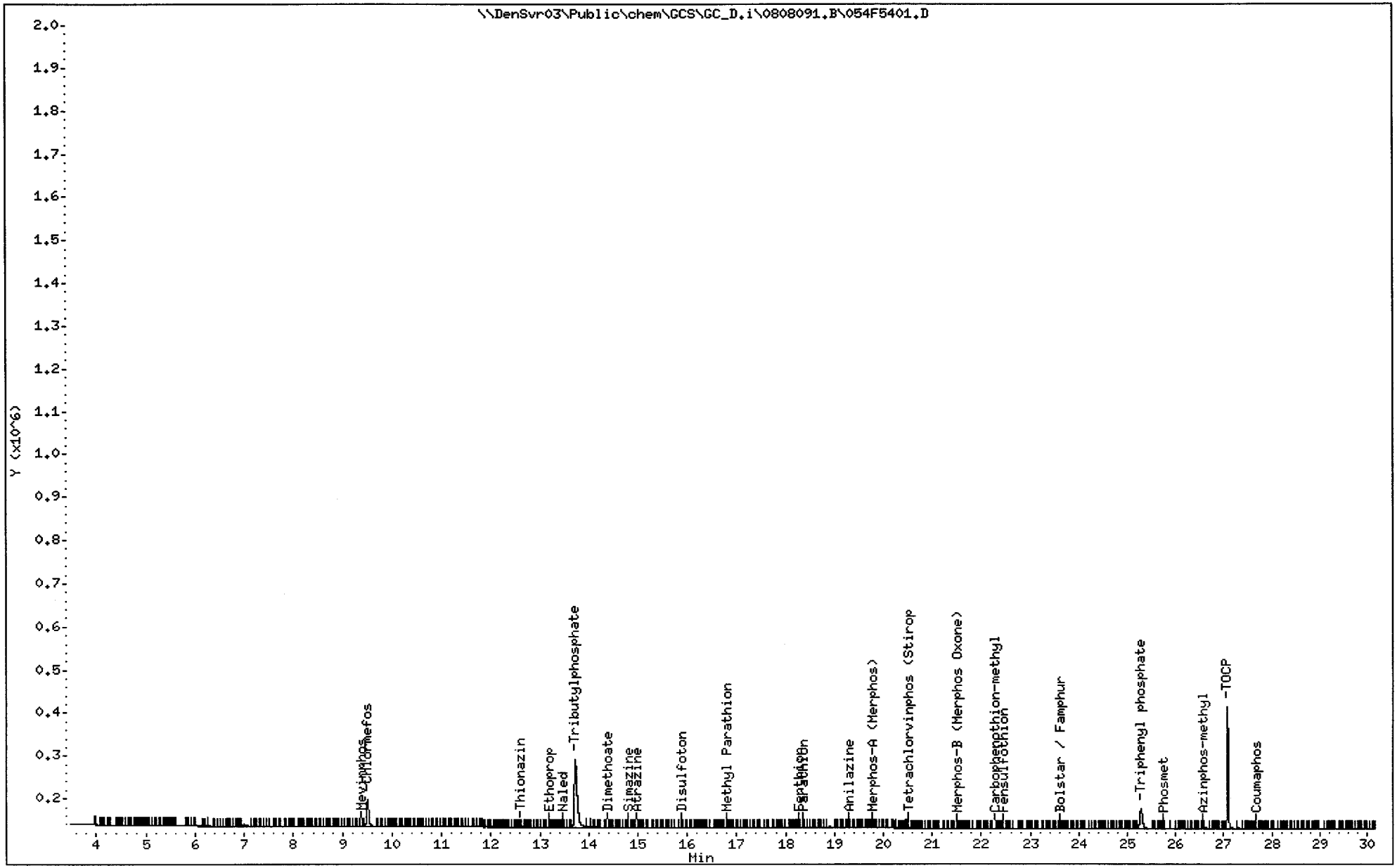
RECOVERY REPORT

Client Name: Northgate Environmen30-JUL-2009 00:00 Client SDG: D9G3003
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LHA081AA Client Smp ID: RSAU4-50
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_D.i\0808091.B\8141A-1.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 4 Chlormefos	70.37	27.23	38.70*	59-112
$ 35 Triphenyl phosphat	70.37	62.73	89.14	50-150

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\054F5401.D
Date : 09-AUG-2009 23:39
Client ID: RSAU4-50
Sample Info: LHA081AA,332-2

Instrument: GC_D.i
Operator: MPK/TLW
Column phase: RTx-1MS
Column diameter: 0.32



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\054F5401.D
Lab Smp Id: LHA081AA Client Smp ID: RSAU4-50
Inj Date : 09-AUG-2009 23:39
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : LHA081AA,332-2
Misc Info :
Comment   :
Method   : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Meth Date : 10-Aug-2009 13:57 williamst Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 Cal File: 009F0901.D
Als bottle: 54
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	28.420	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	12.896	12.885	(0.796)	228241	0.42272	29.75(R)
4	Mevinphos	Compound Not Detected.					
5	Demeton-O	Compound Not Detected.					
6	Thionazin	Compound Not Detected.					
* 7	Tributylphosphate	16.207	16.193	(1.000)	768607	2.00000	
8	Ethoprop	Compound Not Detected.					
9	Naled	16.932	16.921	(1.045)	378	0.17242	12.13
10	Sulfotepp	17.249	17.234	(1.064)	674	0.00105	0.07387(a)
11	Phorate	Compound Not Detected.					
12	Demeton-S	Compound Not Detected.					
13	Simazine	18.386	18.368	(1.134)	136	0.28843	20.30
14	Atrazine / Propazine	Compound Not Detected.					
15	Dimethoate	Compound Not Detected.					
16	Diazinon	Compound Not Detected.					
17	Disulfoton	Compound Not Detected.					
18	Methyl Parathion	21.135	21.132	(0.736)	97	0.08688	6.114
19	Ronnel	Compound Not Detected.					
20	Malathion	22.498	22.492	(0.784)	119	0.03673	2.585(a)
21	Chlorpyrifos	Compound Not Detected.					
22	Trichloronate	Compound Not Detected.					

						CONCENTRATIONS	
						ON-COLUMN	FINAL
	Compounds	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/Kg)
	23 Parathion	22.869	22.866	(0.797)	382	0.13212	9.298(a)
	24 Fenthion	Compound Not Detected.					
	25 Merphos-A (Merphos)	23.474	23.472	(0.818)	53	0.12751	8.973
	26 Anilazine	24.457	24.451	(0.852)	89	0.13075	9.202
	27 Tetrachlorvinphos (stirophos)	25.867	25.869	(0.901)	88	0.07853	5.526
	28 Tokuthion	Compound Not Detected.					
	29 Merphos-B (Merphos oxone)	Compound Not Detected.					
	30 Carbophenothion methyl	Compound Not Detected.					
	31 Fensulfothion	27.238	27.237	(0.949)	1535	0.09484	6.674
	32 Bolstar	Compound Not Detected.					
	33 Carbophenothion	Compound Not Detected.					
	34 Famphur	Compound Not Detected.					
$	35 Triphenyl phosphate	27.936	27.932	(0.973)	225197	0.90929	63.99
	36 EPN	Compound Not Detected.					
	37 Phosmet	28.369	28.366	(0.988)	320	0.05753	4.049
*	38 TOCP	28.707	28.705	(1.000)	572334	2.00000	
	39 Azinphos-methyl	28.818	28.816	(1.004)	658	0.05787	4.072
	40 Azinphos-ethyl	Compound Not Detected.					
	41 Coumaphos	29.459	29.453	(1.026)	266	0.04643	3.267
M	42 Total Demeton	Compound Not Detected.					
M	43 Merphos	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_D.i
Lab File ID: 054F5401.D
Lab Smp Id: LHA081AA
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Misc Info:

Calibration Date: 09-AUG-2009
Calibration Time: 20:00
Client Smp ID: RSAU4-50
Level: LOW
Sample Type: SOIL

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
7 Tributylphosphate	941095	470548	1882190	768607	-18.33
38 TOCP	681586	340793	1363172	572334	-16.03

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.20	15.70	16.70	16.21	0.02
38 TOCP	28.71	28.21	29.21	28.71	-0.00

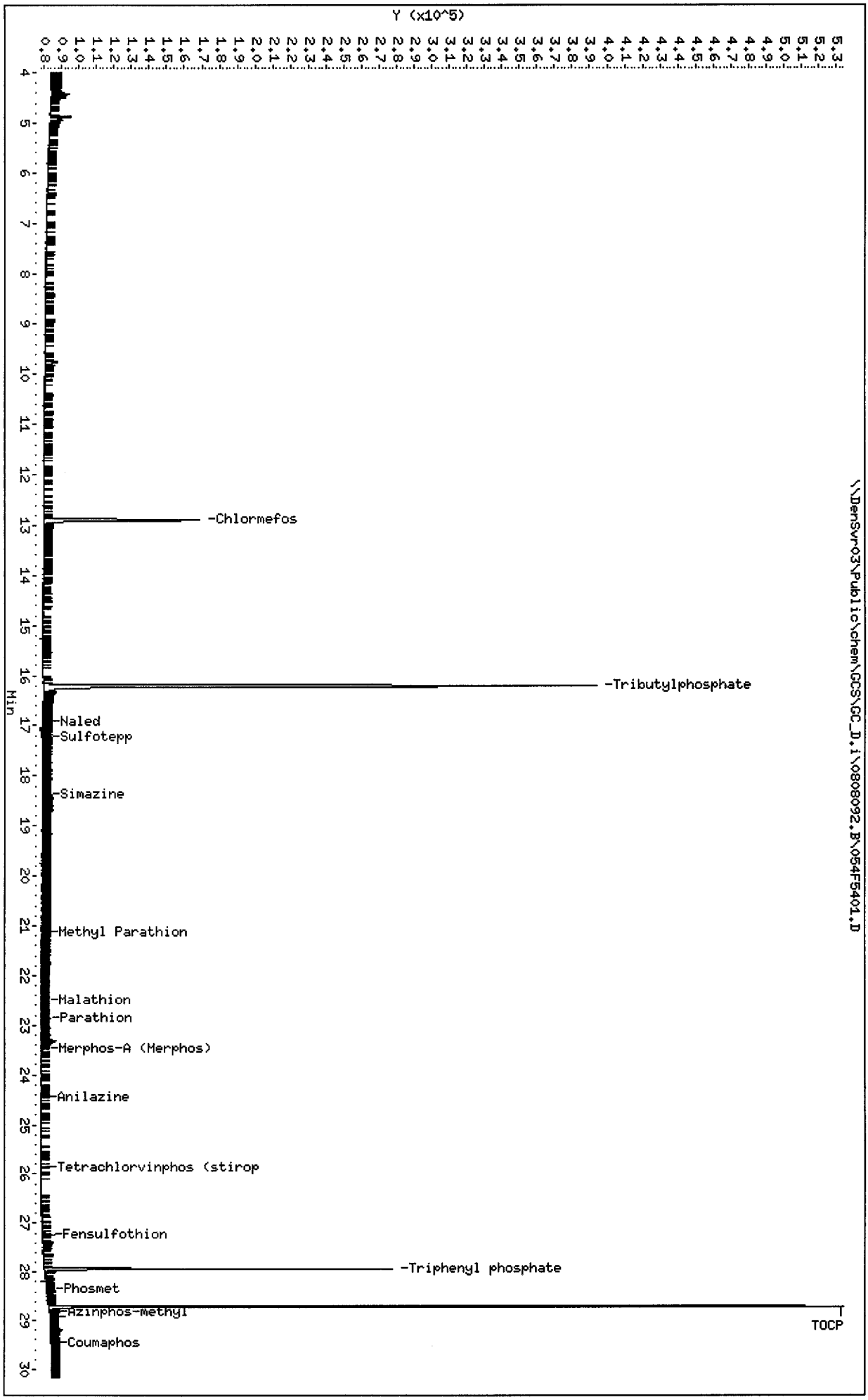
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name: Northgate Environmen30-JUL-2009 00:00 Client SDG: D9G3003
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LHA081AA Client Smp ID: RSAU4-50
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_D.i\0808092.B\8141A-2.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 3 Chlormefos	70.37	29.75	42.27*	59-112
$ 35 Triphenyl phosphat	70.37	63.99	90.93	50-150



Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\054F5401.D
Date : 09-AUG-2009 23:39
Client ID: RSAU4-50
Sample Info: LHA081AA,332-2
Column phase: RTx-OPPest

Instrument: GC_D.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 614
8310 8330 Other HPLC_____

601 602 8021 BTEX
TPH/GRO Other Volatile GC_____

Calibration Date: 080609
Instrument ID: D

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 ≥ 0.990, (DOD projects require r ≥ 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%?			✓	✓	
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%? 8/7/09	✗	✓		✓	Primary Include %R Mevinphos -22.2%, Phorate -18.3%, Simazine +23.5%, Anilazine -37.5%, Carbophenothion-methyl @-33.5% Secondary Include %R Mevinphos -21.1%, Naled -15.9%, Phorate -19.9%, Simazine +38.5%, Anilazine -58.8%, Carbophenothion-methyl -32.6%

1st Level Reviewer: Teresa L. Williams Date: 8/7/09
2nd Level Reviewer: [signature] Date: 8/8/09

Sequence: C:\HPCHEM\2\SEQUENCE\D080609.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	8141 L7 GSV82609				
4	Vial 4	8141 L6 GSV87009				
5	Vial 5	8141 L5 GSV87109				
6	Vial 6	8141 L4 GSV87209				
7	Vial 7	8141 L3 GSV87309				
8	Vial 8	8141 L2 GSV87409				
9	Vial 9	8141 L1 GSV87509				
10	Vial 10	8141 SS GSV87609				
11	Vial 11	GSV0893-09 SURR				
12	Vial 12	GSV0883-09 SPK				
13	Vial 13	LG1WM1AA,MB				
14	Vial 14	LG1WM1AC,LCS				
15	Vial 15	LG1WM1AD,LCSD				
16	Vial 16	LGX0F1AE,167-1				
17	Vial 17	LGX1P1AN,167-2				
18	Vial 18	LG34K1AA,MB				
19	Vial 19	LG34K1AC,LCS				
20	Vial 20	LG34K1AD,LCSD				
21	Vial 21	LG2X51AA,280-1				
22	Vial 22	LG20H1AA,280-2				
23	Vial 23	LG20J1AA,280-3				
24	Vial 24	LG20L1AA,280-4				
25	Vial 25	LG20N1AA,280-5				
26	Vial 26	LG29G1AA,313-1				
27	Vial 27	LG3WP1AA,149-1				
28	Vial 28	LG3XR1AA,158-1				
29	Vial 29	8141 CCV GSV861				
30	Vial 30	LHA0K1AA,MB				
31	Vial 31	LHA0K1AC,LCS				
32	Vial 32	LHA0K1AD,LCSD				
33	Vial 33	LG7XK1AA,180-1				
34	Vial 34	LG7XP1AA,180-2				
35	Vial 35	LG7XQ1AA,180-3				
36	Vial 36	LG7XQ1AC,180-3S				
37	Vial 37	LG7XQ1AD,180-3D				
38	Vial 38	LG7XW1AA,180-4				
39	Vial 39	LG70G1AA,185-1				
40	Vial 40	LHA0P1AA,MB				
41	Vial 41	LHA0P1AC,LCS				
42	Vial 42	LHA0P1AD,LCSD				
43	Vial 43	LG7N31CC,159-1				
44	Vial 44	LG48D1AA,MB				
45	Vial 45	LG48D1AC,LCS				
46	Vial 46	LG48D1AD,LCSD				
47	Vial 47	LG3F51AD,333-9				
48	Vial 48	LG4761AA,MB				
49	Vial 49	LG4761AC,LCS				
50	Vial 50	LG4761AD,LCSD				
51	Vial 51	LG4XL1AA,133-1				
52	Vial 52	8141 CCV GSV861				
53	Vial 53	LG8X21AA,MB				
54	Vial 54	LG8X21AC,LCS				
55	Vial 55	LG8X21AD,LCSD				
56	Vial 56	LG1TK1AA,108-21				
57	Vial 57	LG8TT1AA,MB				
58	Vial 58	LG8TT1AC,LCS				
59	Vial 59	LG2971AA,314-1				

9205278

9206117

9211421

9211426

9208406

9208402

9210504

Sequence: C:\HPCHEM\2\SEQUENCE\D080609.S

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
60	Vial 60	LG3AD1AA,314-2				
61	Vial 61	LG3VM1AA,139-1				
62	Vial 62	LG3VM1AD,139-1S				
63	Vial 63	LG3VM1AE,139-1D				
64	Vial 64	LG3VP1AA,139-2				
65	Vial 65	LG3VR1AA,139-3				
66	Vial 66	8141 CCV GSV861				
67	Vial 67	LG3W11AA,150-1				
68	Vial 68	LG3W21AA,150-2				
69	Vial 69	LG3W31AA,150-3				
70	Vial 70	LG3W51AA,150-4				
71	Vial 71	LHFXR1AA,MB				
72	Vial 72	LHFXR1AC,LCS				
73	Vial 73	LGN2D1CQ,316-5S				
74	Vial 74	LGN2D1CR,316-5D				
75	Vial 75	LGN2D2CN,316-5				
76	Vial 76	LGN2J2CN,316-10				
77	Vial 77	8141 CCV GSV861				
78	Vial 2	HEXANE/ACETONE				

9210468

9215328

Sequence Table (Back Injector):

No entries - empty table!

Report Date : 07-Aug-2009 13:50 Page 1

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Last Edit : 07-Aug-2009 13:45 GC_D.i

Calibration File Names:
Level 1: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\009F0901.D
Level 2: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\008F0801.D
Level 3: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\007F0701.D
Level 4: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\006F0601.D
Level 5: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\005F0501.D
Level 6: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\004F0401.D
Level 7: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.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	182432	420455	908197	1806303	2678940	3532965					
	4488963						QUAD	-0.00185	0.46722	0.02869	0.99856
2 Dichlorvos	0.88775	0.82394	0.83968	0.86756	0.82268	0.85000					
	0.80012						AVRG		0.84168		3.52069
3 Mevinphos	+++++	31592	111446	356823	596188	830977					
	1152906						LINR	0.20087	0.46926		0.99901
5 Thionazin	61338	194202	544011	1140983	1718412	2252008					
	2920220						WLINR	0.03379	1.18951		0.99527

*All weighted linear are $1/x^2$

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Last Edit : 07-Aug-2009 13:45 GC_D.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	30299	63511	157798	301922	460549	581572						
	761277						WLINR	-0.00975	0.92539		0.99395	
7 Ethoprop	42588	199533	491981	1004283	1510941	1955169						
	2505899						WLINR	0.04409	1.07839		0.99207	
8 Naled	9478	41661	162318	361004	602529	777472						
	1127359						QUAD	0.08662	2.45165	-0.13780	0.99888	
10 Sulfotepp	1.56280	1.44519	1.65714	1.68788	1.57081	1.56396						
	1.47299						AVRG		1.56582		5.61879	
11 Phorate	1.13644	0.95432	1.14044	1.07117	0.99690	0.98879						
	0.92922						AVRG		1.03104		8.29536	
12 Dimethoate	+++++	59892	356039	877602	1446366	1934346						
	2590760						WLINR	0.17667	1.10316		0.99682	
13 Demeton-S	421	101878	285098	598857	888508	1152288						
	1490677						LINR	0.00806	0.86060		0.99287	<-

Table of Contents

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Last Edit : 07-Aug-2009 13:45 GC_D.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	+++++	48256	174622	313833	493520	631700					
	804726						QUAD	0.10651	2.04581	1.46981	0.99811
15 Atrazine	+++++	56963	206785	417568	667495	887166					
	1175975						WLINR	0.09612	0.48853		0.99171
16 propazine	+++++	0.35592	0.47135	0.45861	0.45434	0.46102					
	0.44356						AVRG		0.44080		9.65392
17 Disulfoton	48155	167271	445811	956556	1440699	1882342					
	2454335						WLINR	0.04123	1.45920		0.99632
18 Diazinon	122906	248611	519628	1016692	1526415	1969776					
	2542893						WLINR	-0.05341	1.44136		0.99767
19 Methyl Parathion	40155	137375	334656	727074	1132305	1471875					
	1968772						WLINR	0.03631	1.12970		0.99901
20 Ronnel	1.03546	1.01940	1.14102	1.20523	1.19683	1.22965					
	1.20553						AVRG		1.14759		7.53685

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Last Edit : 07-Aug-2009 13:45 GC_D.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	0.86188	0.91387	1.07877	1.08977	1.04406	1.03997						
	0.98036						AVRG		1.00124		8.61800	
22 Fenthion	49230	134570	363139	790291	1222175	1589817						
	2105793						WLINR	0.02987	1.20261		0.99507	
23 Parathion	+++++	117278	333400	780379	1232087	1621434						
	2156342						WLINR	0.09066	1.27814		0.99835	
24 Chlorpyrifos	+++++	265889	506108	926482	1387727	1798423						
	2373426						WLINR	-0.10926	1.27881		0.99829	
25 Trichloronate	1.46832	1.29281	1.40677	1.46387	1.44859	1.47665						
	1.43014						AVRG		1.42673		4.47196	
26 Anilazine	413	937	23197	62364	109906	153137						
	224347						LINR	0.20138	0.12922		0.99583	<-
27 Merphos-A (Merphos)	27686	102703	274971	619861	975630	1320113						
	1714293						WLINR	0.05196	0.98235		0.99735	

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Last Edit : 07-Aug-2009 13:45 GC_D.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 Tetrachlorvinphos (Stirophos)	27000	86949	229899	510754	821547	1111793	1539127	WLINR	0.04531	0.82719		0.99642
29 Tokuthion	1.37786	1.22539	1.38006	1.40966	1.37398	1.39384	1.33792	AVRG		1.35696		4.56962
30 Merphos-B (Merphos Oxone)	49732	78157	159629	271041	371990	422425	528766	QUAD	0.06346	0.59850	3.86180	0.99854
31 Carbophenothion-methyl	29119	99151	280480	618555	972242	1285762	1741313	WLINR	0.04987	0.97720		0.99632
32 Fensulfothion	+++++	53776	214899	563535	876396	1172734	1592051	WLINR	0.15154	0.96497		0.99770
33 Bolstar / Famphur	97513	282731	741469	1568236	2416510	3128382	4156553	WLINR	0.05716	1.19757		0.99670
34 Carbophenothion	1.08187	1.03600	1.15360	1.13412	1.10854	1.10645	1.06490	AVRG		1.09793		3.67689

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Last Edit : 07-Aug-2009 13:45 GC_D.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	25548	91979	268843	595984	916951	1218253					
	1647305						WLINR	0.05412	0.93334		0.99580
37 EPN	1.04741	1.13202	1.22186	1.20575	1.11750	1.12936					
	1.05270						AVRG		1.12952		5.95345
38 Azinphos-methyl	25233	73949	233826	545683	862799	1158610					
	1592084						LINR	0.07569	0.89630		0.99930
40 Azinphos-ethyl	1.20072	0.93049	1.06940	1.04526	1.02814	1.02319					
	0.97822						AVRG		1.03935		8.14067
41 Coumaphos	33445	95853	261325	569489	895805	1188819					
	1602651						WLINR	0.03646	0.89074		0.99560
M 42 Total Demeton	30720	165389	442896	900779	1349057	1733860					
	2251954						WLINR	0.05788	1.41556		0.99198
M 43 Merphos	1.39750	1.23094	1.38907	1.38298	1.31717	1.31436					
	1.21510						AVRG		1.32102		5.67433

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Last Edit : 07-Aug-2009 13:45 GC_D.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
$ 4 Chlormefos	1.70854	1.55109	1.63649	1.61328	1.45247	1.46197	1.36788	AVRG		1.54167		7.79134
$ 35 Triphenyl phosphate	0.74982	0.81969	0.94206	0.95098	0.90064	0.90309	0.84340	AVRG		0.87281		8.28995

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Last Edit : 07-Aug-2009 13:45 GC_D.i

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

Report Date: 07-Aug-2009 13:50

Calibration History

Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Start Cal Date: 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Last Cal Level: 1
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 0.20000		
06-AUG-2009 18:34	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\009F0901.D
Cal Level: 2 , Cal Amount: 0.50000		
06-AUG-2009 17:58	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\008F0801.D
Cal Level: 3 , Cal Amount: 1.00000		
06-AUG-2009 17:21	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\007F0701.D
Cal Level: 4 , Cal Amount: 2.00000		
06-AUG-2009 16:45	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\006F0601.D
Cal Level: 5 , Cal Amount: 3.00000		
06-AUG-2009 16:08	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\005F0501.D
Cal Level: 6 , Cal Amount: 4.00000		
06-AUG-2009 15:32	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\004F0401.D
Cal Level: 7 , Cal Amount: 5.00000		
06-AUG-2009 14:56	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\003F0301.D

Continuing Calibration

Ccal Level Mode: BY SAMPLE

06-AUG-2009 19:10	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\010F1001.D
07-AUG-2009 06:42	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\029F2901.D
06-AUG-2009 16:08	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\005F0501.D

Report Date : 07-Aug-2009 13:44 Page 1

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.i

Calibration File Names:
Level 1: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\009F0901.D
Level 2: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\008F0801.D
Level 3: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\007F0701.D
Level 4: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\006F0601.D
Level 5: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\005F0501.D
Level 6: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\004F0401.D
Level 7: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.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	2.29043	1.90123	1.95130	1.88382	1.73356	1.73918					
	1.59199						AVRG		1.87022		11.90741
2 Dichlorvos	0.89869	0.78758	0.82805	0.86014	0.82558	0.85108					
	0.78454						AVRG		0.83367		4.86412
4 Mevinphos	26181	90159	249277	555210	847872	1096662					
	1418878						LINR	0.02241	0.52291		0.99690
5 Demeton-O	0.74959	0.68467	0.79510	0.82182	0.78659	0.77064					
	0.74831						AVRG		0.76525		5.74609

* All weighted linear are $1/x^2$

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.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	1.14565	1.08329	1.20126	1.20198	1.13145	1.12656					
	1.04660						AVRG		1.13382		5.03485
8 Ethoprop	150814	267910	555560	1095403	1622717	2051405					
	2583304						WLINR	-0.08621	0.93634		0.99376
9 Naled	12427	47634	159760	373106	617906	787967					
	1131291						QUAD	0.08493	2.59831	-0.16856	0.99915
10 Sulfotepp	1.76900	1.56005	1.81850	1.75939	1.64614	1.63203					
	1.51002						AVRG		1.67073		6.89125
11 Phorate	1.08434	0.83104	0.84616	0.84084	0.79408	0.78203					
	0.73702						AVRG		0.84507		13.29300
12 Demeton-S	0.62408	0.72296	0.82414	0.81846	0.80405	0.81520					
	0.76672						AVRG		0.76794		9.50535
13 Simazine	6499	15934	82213	217050	364617	492868					
	674577						LINR	0.14352	0.25284		0.99829

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.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 / Propazine	0.45307	0.43687	0.46450	0.46986	0.45749	0.47026					
	0.46112						AVRG		0.45903		2.52599
15 Dimethoate	62417	178809	484895	1037511	1616390	2052825					
	2698083						WLINR	0.03026	1.00403		0.99496
16 Diazinon	1.12790	0.98078	1.05404	1.02017	0.94993	0.93374					
	0.87260						AVRG		0.99131		8.50540
17 Disulfoton	1.04034	0.96498	1.05301	1.04708	0.99340	0.98440					
	0.92562						AVRG		1.00126		4.77046
18 Methyl Parathion	40092	130034	351856	753320	1163940	1488025					
	1936768						WLINR	0.04327	0.99949		0.99615
19 Ronnel	1.29240	1.09578	1.15751	1.15464	1.14108	1.15310					
	1.09180						AVRG		1.15519		5.76214
20 Malathion	52293	150756	354820	728530	1103657	1406900					
	1824966						WLINR	0.01814	0.94549		0.99782

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.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	60489	169871	394413	832490	1290170	1671357					
	2210724						WLINR	0.02011	1.09999		0.99883
22 Trichloronate	66017	196799	455989	1021736	1622974	2093978					
	2890038						WLINR	0.03235	1.38094		0.99763
23 Parathion	66767	175066	440954	893471	1339063	1741701					
	2140679						QUAD	0.06563	0.65024	0.10357	0.99479
24 Fenthion	89878	206817	455004	922040	1408001	1789955					
	2341329						WLINR	-0.01244	1.16987		0.99827
25 Merphos-A (Merphos)	23197	104851	277563	631476	1003697	1339983					
	1728719						WLINR	0.06365	0.87639		0.99746
26 Anilazine	3273	10789	27039	64885	101616	129151					
	195793						WLINR	0.06368	0.09179		0.99697
27 Tetrachlorvinphos (stirophos)	35965	97796	256768	576694	925221	1220938					
	1682420						WLINR	0.03907	0.79183		0.99222

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INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.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 Tokuthion	1.22601	1.12742	1.27127	1.32225	1.30944	1.33086	1.26727	AVRG		1.26493		5.59788
29 Merphos-B (Merphos oxone)	58022	96740	174313	293170	395538	439795	547067	QUAD	0.06477	0.52377	4.80248	0.99795
30 Carbophenothion methyl	0.75736	0.75717	0.89847	0.94809	0.94520	0.96010	0.92358	AVRG		0.88428		10.06653
31 Fensulfothion	31957	101238	280688	603115	932760	1195644	1541611	WLINR	0.04406	0.79919		0.99507
32 Bolstar	1.35003	1.19068	1.27553	1.24212	1.18136	1.16644	1.06951	AVRG		1.21081		7.36840
33 Carbophenothion	0.99270	0.91157	1.03031	1.05279	1.04016	1.05422	1.00258	AVRG		1.01205		4.96052
34 Famphur	0.81755	0.80571	0.96709	1.00392	0.96583	0.98385	0.92956	AVRG		0.92479		8.70957

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.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 EPN	1.02676	0.93500	1.04721	1.04625	0.99870	0.98619					
	0.90816						AVRG		0.99261		5.44915
37 Phosmet	42368	114720	302493	636769	974935	1249688					
	1655568						WLINR	0.02810	0.83340		0.99564
39 Azinphos-methyl	37094	89923	240868	524807	823806	1072140					
	1429834						WLINR	0.02728	0.69625		0.99187
40 Azinphos-ethyl	0.69495	0.65912	0.76659	0.77776	0.74616	0.73804					
	0.69568						AVRG		0.72547		5.96411
41 Coumaphos	37102	91236	236130	504566	780746	1021332					
	1373774						WLINR	0.02252	0.66605		0.99432
M 42 Total Demeton	56597	167552	404997	836927	1295869	1672111					
	2162260						WLINR	0.02537	1.10859		0.99819
M 43 Merphos	81219	201591	451876	924646	1399235	1779778					
	2275786						WLINR	-0.00193	1.17315		0.99761

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.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
$ 3 Chlormefos	118440	285008	643087	1328045	2008587	2624051	3329933	LINR	-0.03570	1.20195		0.99676
$ 35 Triphenyl phosphate	0.91508	0.82368	0.91619	0.91274	0.86631	0.85066	0.77349	AVRG		0.86545		6.27482

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.i

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

Report Date: 07-Aug-2009 13:44

Calibration History

Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Start Cal Date: 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Last Cal Level: 1
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 0.20000		
06-AUG-2009 18:34	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\009F0901.D
Cal Level: 2 , Cal Amount: 0.50000		
06-AUG-2009 17:58	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\008F0801.D
Cal Level: 3 , Cal Amount: 1.00000		
06-AUG-2009 17:21	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\007F0701.D
Cal Level: 4 , Cal Amount: 2.00000		
06-AUG-2009 16:45	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\006F0601.D
Cal Level: 5 , Cal Amount: 3.00000		
06-AUG-2009 16:08	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\005F0501.D
Cal Level: 6 , Cal Amount: 4.00000		
06-AUG-2009 15:32	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\004F0401.D
Cal Level: 7 , Cal Amount: 5.00000		
06-AUG-2009 14:56	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\003F0301.D

Continuing Calibration

Ccal Level Mode: BY SAMPLE

06-AUG-2009 19:10	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\010F1001.D
06-AUG-2009 16:45	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\006F0601.D

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/010F1001.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

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

Injection Date: 06-AUG-2009 19:10
Lab Sample ID: 8141 SS GSV87609
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.0000	2.2402	12.0	15.0	
2	Dichlorvos	2.0000	2.0361	1.8	15.0	
3	Mevinphos	2.0000	1.5564	22.2	15.0	<-
4	Chlormefos	2.0000	1.7365	13.2	15.0	
5	Thionazin	2.0000	2.2350	11.8	15.0	
6	Demeton-O	0.6500	2.0253	211.6	15.0	<- ok, see total demeton
7	Ethoprop	2.0000	1.9936	0.3	15.0	
8	Naled	2.0000	1.7057	14.7	15.0	
9	Sulfotepp	2.0000	1.9680	1.6	15.0	
10	Phorate	2.0000	1.6336	18.3	15.0	<-
11	Dimethoate	2.0000	2.1822	9.1	15.0	
12	Demeton-S	1.3600	0.2056	84.9	15.0	<- ok, see total demeton
13	Simazine	2.0000	2.4694	23.5	15.0	<-
14	Atrazine	2.0000	2.1611	8.1	15.0	
15	propazine	2.0000	2.1931	9.7	15.0	
17	Disulfoton	2.0000	1.9744	1.3	15.0	
16	Diazinon	2.0000	1.8671	6.6	15.0	
18	Methyl Parathion	2.0000	1.9703	1.5	15.0	
19	Ronnel	2.0000	2.0637	3.2	15.0	
20	Malathion	2.0000	1.9362	3.2	15.0	
21	Fenthion	2.0000	1.9060	4.7	15.0	
22	Parathion	2.0000	2.0598	3.0	15.0	
23	Chlorpyrifos	2.0000	1.9775	1.1	15.0	
24	Trichloronate	2.0000	1.8094	9.5	15.0	
25	Anilazine	2.0000	1.2499	37.5	15.0	<-
148	Merphos-A (Merphos)	2.0000	0.2980	85.1	999.0	
26	Tetrachlorvinphos (Stirophos)	2.0000	1.8887	5.6	15.0	
28	Tokuthion	2.0000	1.9432	2.8	15.0	
149	Merphos-B (Merphos Oxone)	2.0000	11.8778	493.9	999.0	
29	Carbophenothion-methyl	2.0000	1.3305	33.5	15.0	<-
29	Fensulfothion	2.0000	1.9661	1.7	15.0	
30	Bolstar / Famphur	4.0000	4.2423	6.1	15.0	
32	Carbophenothion	2.0000	2.1165	5.8	15.0	
31	Triphenyl phosphate	2.0000	1.8485	7.6	15.0	
34	Phosmet	2.0000	2.2723	13.6	15.0	
32	EPN	2.0000	2.2096	10.5	15.0	
33	Azinphos-methyl	2.0000	1.8506	7.5	15.0	
38	Azinphos-ethyl	2.0000	2.0552	2.8	15.0	
36	Coumaphos	2.0000	1.9367	3.2	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/010F1001.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

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

Injection Date: 06-AUG-2009 19:10
Lab Sample ID: 8141 SS GSV87609
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
40 Total Demeton	2.0000	2.2310	11.5	15.0
27 Merphos	2.0000	1.8981	5.1	15.0

Average %D = 29.5

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B/010F1001.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

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

Injection Date: 06-AUG-2009 19:10
Lab Sample ID: 8141 SS GSV87609
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.0000	2.1425	7.1	15.0	
2	Dichlorvos	2.0000	1.9878	0.6	15.0	
3	Chlormefos	2.0000	1.6927	15.4	15.0	<- OK
4	Mevinphos	2.0000	1.5781	21.1	15.0	<-
5	Demeton-O	0.6500	2.0683	218.2	15.0	<- ok, see total demeton
6	Thionazin	2.0000	2.2135	10.7	15.0	
7	Ethoprop	2.0000	1.9677	1.6	15.0	
10	Naled	2.0000	1.6813	15.9	15.0	<-
145	Sulfotepp	2.0000	1.8424	7.9	15.0	
8	Phorate	2.0000	1.6013	19.9	15.0	<-
15	Demeton-S	1.3600	0.0935	93.1	15.0	<- ok, see total demeton
10	Simazine	2.0000	2.7702	38.5	15.0	<-
13	Atrazine / Propazine	4.0000	4.2316	5.8	15.0	
16	Dimethoate	2.0000	2.1608	8.0	15.0	
11	Diazinon	2.0000	1.8234	8.8	15.0	
14	Disulfoton	2.0000	1.9546	2.3	15.0	
23	Methyl Parathion	2.0000	1.9650	1.7	15.0	
17	Ronnel	2.0000	1.9361	3.2	15.0	
24	Malathion	2.0000	1.8572	7.1	15.0	
18	Chlorpyrifos	2.0000	1.9742	1.3	15.0	
20	Trichloronate	2.0000	1.7303	13.5	15.0	
26	Parathion	2.0000	2.0441	2.2	15.0	
19	Fenthion	2.0000	1.9107	4.5	15.0	
151	Merphos-A (Merphos)	2.0000	0.2815	85.9	999.0	
21	Anilazine	2.0000	0.8232	58.8	15.0	<-
27	Tetrachlorvinphos (stirophos)	2.0000	1.8642	6.8	15.0	
25	Tokuthion	2.0000	1.9613	1.9	15.0	
148	Merphos-B (Merphos oxone)	2.0000	11.9171	495.9	999.0	
28	Carbophenothion methyl	2.0000	1.3477	32.6	15.0	<-
30	Fensulfothion	2.0000	1.9468	2.7	15.0	
28	Bolstar	2.0000	1.9885	0.6	15.0	
30	Carbophenothion	2.0000	2.1111	5.6	15.0	
33	Famphur	2.0000	2.2821	14.1	15.0	
29	Triphenyl phosphate	2.0000	1.7892	10.5	15.0	
32	EPN	2.0000	2.1924	9.6	15.0	
34	Phosmet	2.0000	2.2747	13.7	15.0	
34	Azinphos-methyl	2.0000	1.8178	9.1	15.0	
35	Azinphos-ethyl	2.0000	2.1653	8.3	15.0	
36	Coumaphos	2.0000	1.8960	5.2	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B/010F1001.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

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

Injection Date: 06-AUG-2009 19:10
Lab Sample ID: 8141 SS GSV87609
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
40 Total Demeton	2.0000	2.1617	8.1	15.0
22 Merphos	2.0000	1.9093	4.5	15.0

Average %D = 31.3

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\003F0301.D
Lab Smp Id: 8141 L7 GSV82609 Client Smp ID: 8141 L7 GSV82609
Inj Date : 06-AUG-2009 14:56
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L7 GSV82609
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Meth Date : 07-Aug-2009 13:45 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 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	4.337	4.267	(0.316)	4488963	5.00000	4.934(M)
	2 Dichlorvos	5.900	5.865	(0.430)	2137554	5.00000	4.753
	3 Mevinphos	9.419	9.407	(0.687)	1152906	5.00000	5.000(A)
$	4 Chlormefos	9.511	9.502	(0.694)	3654328	5.00000	4.436
	5 Thionazin	12.625	12.625	(0.921)	2920220	5.00000	4.662
	6 Demeton-O	12.876	12.876	(0.939)	761277	1.62500	1.520
	7 Ethoprop	13.201	13.205	(0.963)	2505899	5.00000	4.437
	8 Naled	13.481	13.482	(0.983)	1127359	5.00000	5.039(A)
*	9 Tributylphosphate	13.709	13.714	(1.000)	1068614	2.00000	
	10 Sulfotepp	14.143	14.143	(1.032)	3935138	5.00000	4.704
	11 Phorate	14.227	14.227	(1.038)	2482436	5.00000	4.506
	12 Dimethoate	14.399	14.416	(1.050)	2590760	5.00000	4.749
	13 Demeton-S	14.679	14.682	(1.071)	1490677	3.40000	3.258
	14 Simazine	14.779	14.783	(1.078)	804726	5.00000	4.961
	15 Atrazine	14.996	14.997	(1.094)	1175975	5.00000	4.697
	16 propazine	15.177	15.178	(1.107)	1184985	5.00000	5.031(A)
	17 Disulfoton	15.864	15.866	(0.586)	2454335	5.00000	4.638
	18 Diazinon	15.933	15.934	(0.588)	2542893	5.00000	4.672
	19 Methyl Parathion	16.827	16.829	(0.622)	1968772	5.00000	4.793
	20 Ronnel	17.454	17.456	(0.645)	2225399	5.00000	5.252(A)
	21 Malathion	18.133	18.134	(0.670)	1809734	5.00000	4.896
	22 Fenthion	18.283	18.284	(0.675)	2105793	5.00000	4.802
	23 Parathion	18.389	18.392	(0.679)	2156342	5.00000	4.751
	24 Chlorpyrifos	18.450	18.451	(0.681)	2373426	5.00000	4.808
	25 Trichloronate	18.957	18.958	(0.700)	2640021	5.00000	5.012(A)
	26 Anilazine	19.339	19.345	(0.714)	224347	5.00000	5.105(A)
	27 Merphos-A (Merphos)	19.800	19.804	(0.731)	1714293	5.00000	4.831
	28 Tetrachlorvinphos (Stirophos)	20.527	20.532	(0.758)	1539127	5.00000	5.130(A)
	29 Tokuthion	21.278	21.278	(0.786)	2469788	5.00000	4.930
	30 Merphos-B (Merphos Oxone)	21.532	21.536	(0.795)	528766	5.00000	4.945
	31 Carbophenothion-methyl	22.252	22.254	(0.822)	1741313	5.00000	4.926
	32 Fensulfothion	22.449	22.465	(0.829)	1592051	5.00000	4.772
	33 Bolstar / Famphur	23.624	23.627	(0.873)	4156553	10.0000	9.716

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	23.946	23.947	(0.884)	1965799	5.00000	4.850
$	35 Triphenyl phosphate	25.268	25.270	(0.933)	1556913	5.00000	4.832(A)
	36 Phosmet	25.764	25.769	(0.952)	1647305	5.00000	4.889
	37 EPN	26.095	26.097	(0.964)	1943280	5.00000	4.660
	38 Azinphos-methyl	26.579	26.584	(0.982)	1592084	5.00000	4.962
*	39 TOCP	27.074	27.076	(1.000)	738395	2.00000	
	40 Azinphos-ethyl	27.167	27.172	(1.003)	1805786	5.00000	4.706
	41 Coumaphos	27.689	27.694	(1.023)	1602651	5.00000	4.946
M	42 Total Demeton				2251954	5.00000	4.778
M	43 Merphos				2243059	5.00000	4.599

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

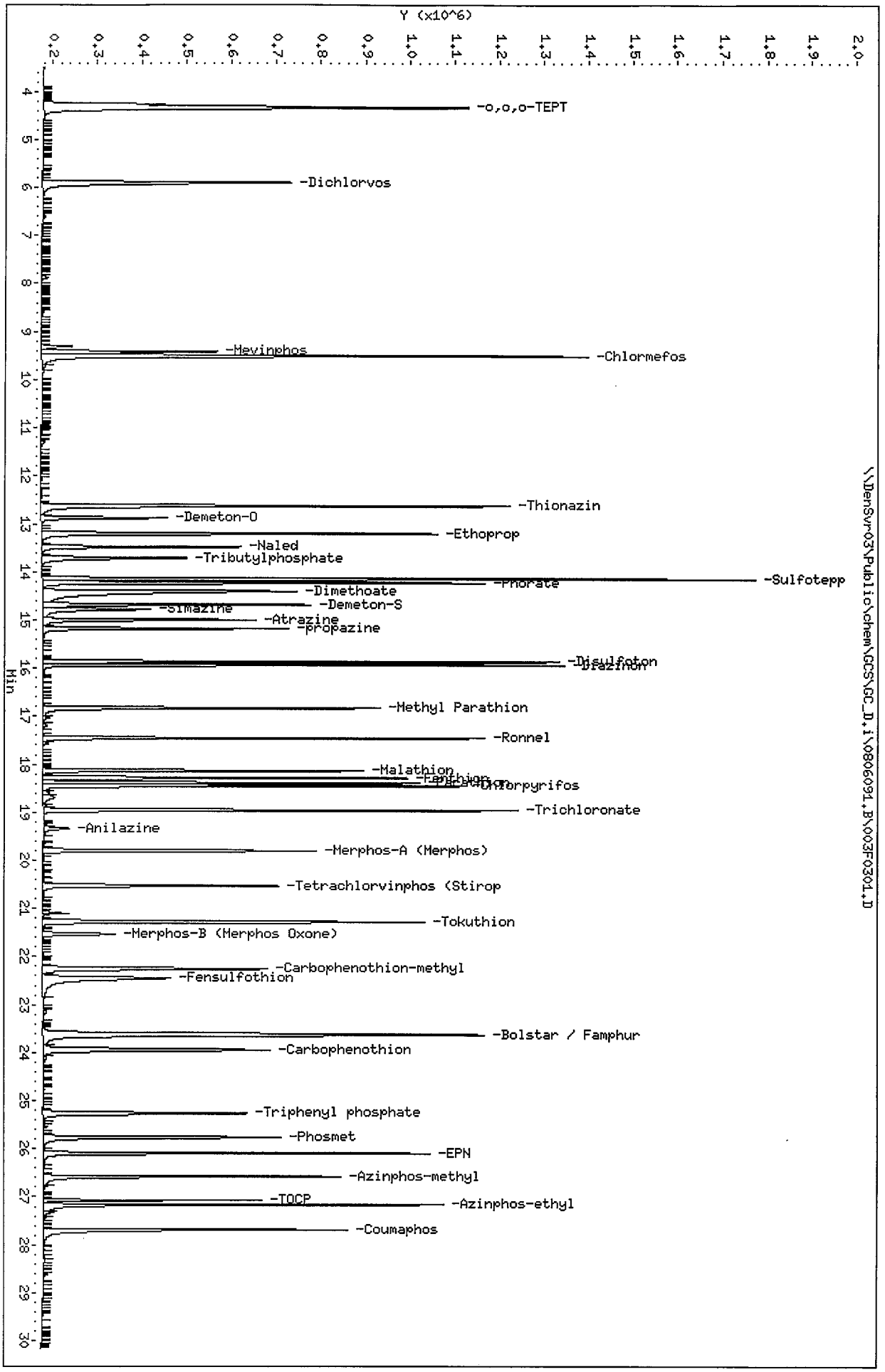
Instrument ID: GC_D.i
Lab File ID: 003F0301.D
Lab Smp Id: 8141 L7 GSV82609
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Misc Info:

Calibration Date: 07-AUG-2009
Calibration Time: 06:42
Client Smp ID: 8141 L7 GSV8260
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	1034306	517153	2068612	1068614	3.32
39 TOCP	695324	347662	1390648	738395	6.19

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.70	13.20	14.20	13.71	0.08
39 TOCP	27.08	26.58	27.58	27.07	-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_D,i\0806091,B\003F0301,D
Date : 06-AUG-2009 14:56
Client ID: 8141 L7 GSV82609
Sample Info: 8141 L7 GSV82609
Column phase: RTx-1MS

Instrument: GC_D,i
Operator: MPK/TLW
Column diameter: 0.32

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/003F0301.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

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

Injection Date: 06-AUG-2009 14:56
Lab Sample ID: 8141 L7 GSV82609
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	3.0000	4.3142	43.8	15.0	<-
2	Dichlorvos	3.0000	4.7548	58.5	15.0	<-
3	Mevinphos	3.0000	5.2491	75.0	15.0	<-
4	Chlormefos	3.0000	4.3776	45.9	15.0	<-
5	Thionazin	3.0000	4.6629	55.4	15.0	<-
6	Demeton-O	0.9750	1.4314	46.8	15.0	<-
7	Ethoprop	3.0000	4.4386	48.0	15.0	<-
8	Naled	3.0000	5.2235	74.1	15.0	<-
9	Sulfotepp	3.0000	4.7291	57.6	15.0	<-
10	Phorate	3.0000	4.7224	57.4	15.0	<-
11	Dimethoate	3.0000	4.9039	63.5	15.0	<-
12	Demeton-S	2.0400	3.8555	89.0	15.0	<-
13	Simazine	3.0000	4.5722	52.4	15.0	<-
14	Atrazine	3.0000	4.8477	61.6	15.0	<-
15	propazine	3.0000	4.8465	61.5	15.0	<-
17	Disulfoton	3.0000	4.7214	57.4	15.0	<-
16	Diazinon	3.0000	4.1907	39.7	15.0	<-
18	Methyl Parathion	3.0000	4.7872	59.6	15.0	<-
19	Ronnel	3.0000	4.9720	65.7	15.0	<-
20	Malathion	3.0000	4.8957	63.2	15.0	<-
21	Fenthion	3.0000	4.8025	60.1	15.0	<-
22	Parathion	3.0000	4.7976	59.9	15.0	<-
23	Chlorpyrifos	3.0000	4.8434	61.4	15.0	<-
24	Trichloronate	3.0000	4.9307	64.4	15.0	<-
25	Anilazine	3.0000	4.9899	66.3	15.0	<-
148	Merphos-A (Merphos)	3.0000	4.9039	63.5	999.0	
26	Tetrachlorvinphos (Stirophos)	3.0000	4.9673	65.6	15.0	<-
28	Tokuthion	3.0000	4.9299	64.3	15.0	<-
149	Merphos-B (Merphos Oxone)	3.0000	3.0113	0.4	999.0	
29	Carbophenothion-methyl	3.0000	4.7224	57.4	15.0	<-
29	Fensulfothion	3.0000	4.8806	62.7	15.0	<-
30	Bolstar / Famphur	6.0000	11.5025	91.7	15.0	<-
32	Carbophenothion	3.0000	4.8378	61.3	15.0	<-
31	Triphenyl phosphate	3.0000	4.8315	61.1	15.0	<-
34	Phosmet	3.0000	6.9503	131.7	15.0	<-
32	EPN	3.0000	4.6600	55.3	15.0	<-
33	Azinphos-methyl	3.0000	4.9247	64.2	15.0	<-
38	Azinphos-ethyl	3.0000	4.8442	61.5	15.0	<-
36	Coumaphos	3.0000	6.0607	102.0	15.0	<-

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/003F0301.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

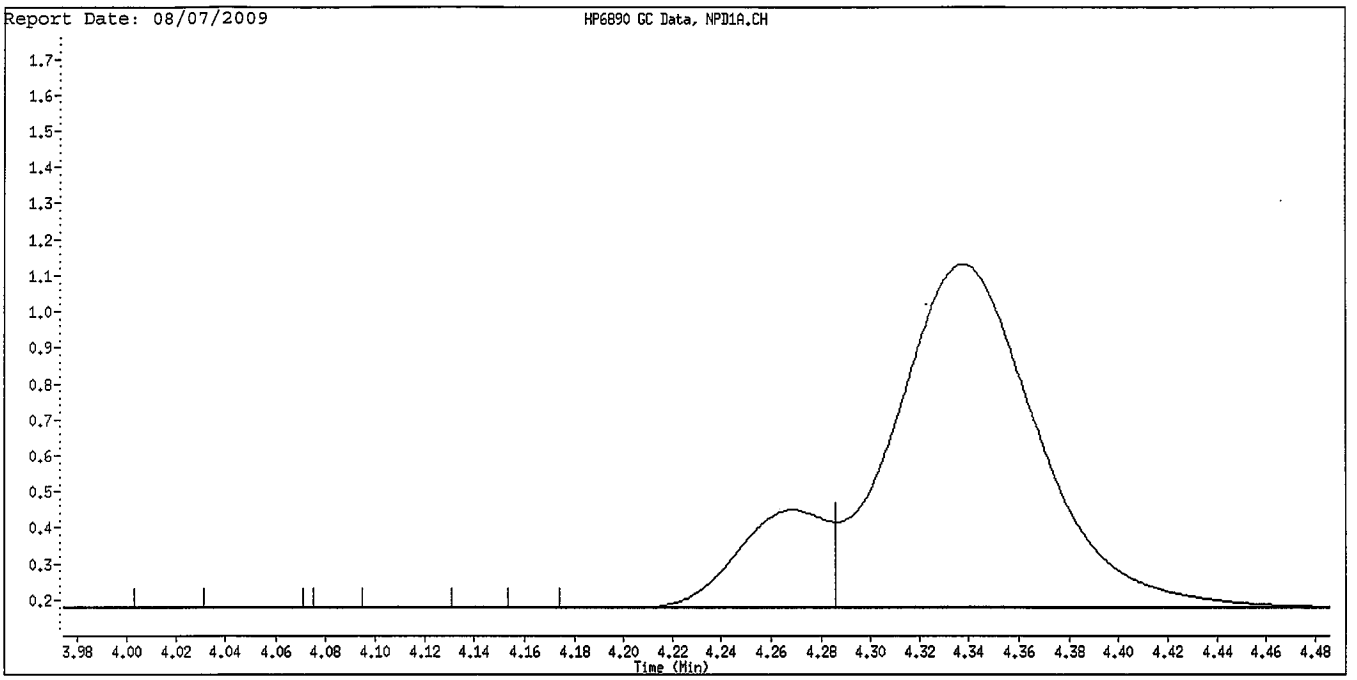
Instrument ID: GC_D.i
Lab File ID: 003F0301.D
Analysis Type: NONE

Injection Date: 06-AUG-2009 14:56
Lab Sample ID: 8141 L7 GSV82609
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

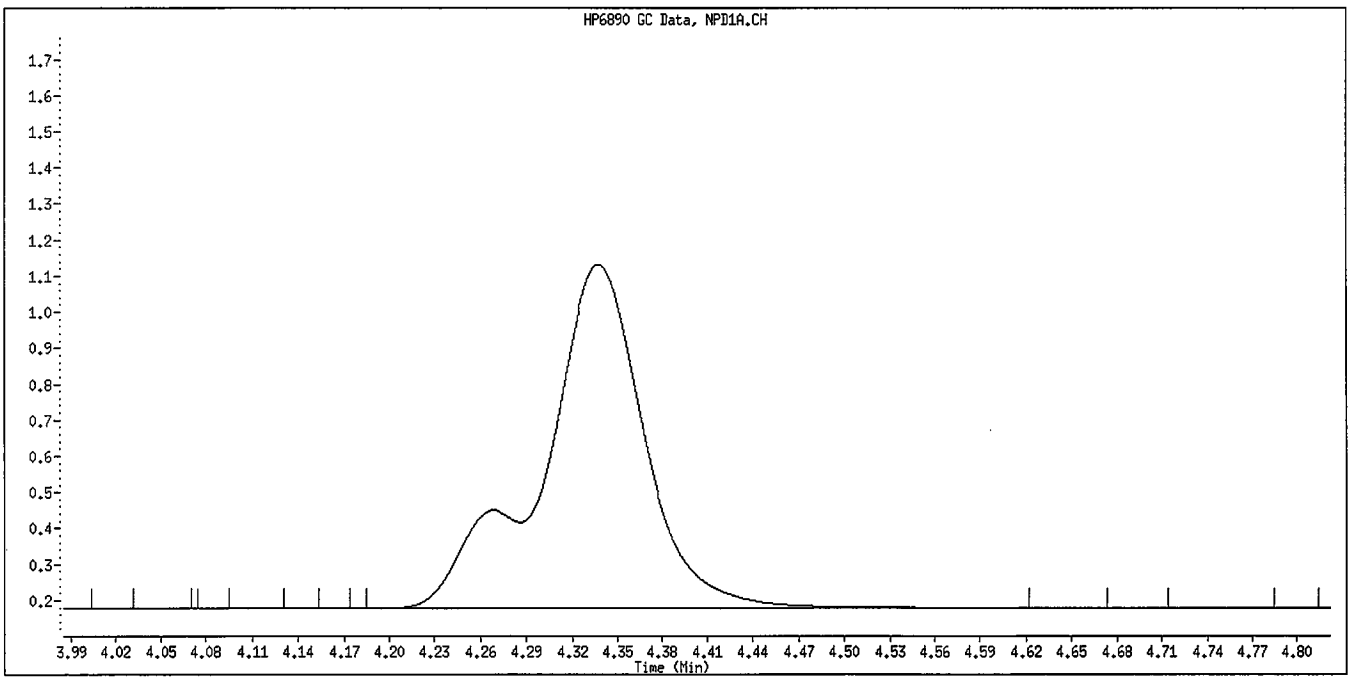
COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
40 Total Demeton	3.0000	5.2869	76.2	15.0	<-
27 Merphos	3.0000	4.5897	53.0	15.0	<-

Average %D = 62.4

Data File Name: 003F0301.D
Inj. Date and Time: 06-AUG-2009 14:56
Instrument ID: GC_D.i
Client ID: 8141 L7 GSV82609
Compound Name: o,o,o-TEPT
CAS #:



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\004F0401.D
Lab Smp Id: 8141 L6 GSV87009 Client Smp ID: 8141 L6 GSV87009
Inj Date : 06-AUG-2009 15:32
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L6 GSV87009
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Meth Date : 07-Aug-2009 13:45 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 14:56 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	4.265	4.267	(0.311)	3532965	4.00000	4.127(M)
	2 Dichlorvos	5.865	5.865	(0.428)	1660351	4.00000	4.040
	3 Mevinphos	9.405	9.407	(0.686)	830977	4.00000	4.028
$	4 Chlormefos	9.502	9.502	(0.693)	2855746	4.00000	3.793
	5 Thionazin	12.623	12.625	(0.921)	2252008	4.00000	3.944
	6 Demeton-O	12.876	12.876	(0.939)	581572	1.30000	1.267
	7 Ethoprop	13.201	13.205	(0.963)	1955169	4.00000	3.801
	8 Naled	13.480	13.482	(0.983)	777472	4.00000	3.902
*	9 Tributylphosphate	13.712	13.714	(1.000)	976680	2.00000	
	10 Sulfotepp	14.142	14.143	(1.031)	3054969	4.00000	3.995
	11 Phorate	14.227	14.227	(1.038)	1931467	4.00000	3.836
	12 Dimethoate	14.402	14.416	(1.050)	1934346	4.00000	3.944
	13 Demeton-S	14.677	14.682	(1.070)	1152288	2.72000	2.758
	14 Simazine	14.777	14.783	(1.078)	631700	4.00000	4.089
	15 Atrazine	14.995	14.997	(1.094)	887166	4.00000	3.911
	16 propazine	15.177	15.178	(1.107)	900547	4.00000	4.184
	17 Disulfoton	15.864	15.866	(0.586)	1882342	4.00000	3.974
	18 Diazinon	15.932	15.934	(0.588)	1969776	4.00000	4.016
	19 Methyl Parathion	16.828	16.829	(0.622)	1471875	4.00000	4.004
	20 Ronnel	17.454	17.456	(0.645)	1630230	4.00000	4.286
	21 Malathion	18.132	18.134	(0.670)	1378757	4.00000	4.155
	22 Fenthion	18.282	18.284	(0.675)	1589817	4.00000	4.048
	23 Parathion	18.388	18.392	(0.679)	1621434	4.00000	4.009
	24 Chlorpyrifos	18.448	18.451	(0.681)	1798423	4.00000	4.024
	25 Trichloronate	18.957	18.958	(0.700)	1957701	4.00000	4.140
	26 Anilazine	19.340	19.345	(0.714)	153137	4.00000	3.978
	27 Merphos-A (Merphos)	19.800	19.804	(0.731)	1320113	4.00000	4.158
	28 Tetrachlorvinphos (Stirophos)	20.527	20.532	(0.758)	1111793	4.00000	4.146
	29 Tokuthion	21.277	21.278	(0.786)	1847909	4.00000	4.109
	30 Merphos-B (Merphos Oxone)	21.532	21.536	(0.795)	422425	4.00000	4.026
	31 Carbophenothion-methyl	22.252	22.254	(0.822)	1285762	4.00000	4.070
	32 Fensulfothion	22.458	22.465	(0.829)	1172734	4.00000	3.970
	33 Bolstar / Famphur	23.623	23.627	(0.872)	3128382	8.00000	7.996

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	23.944	23.947	(0.884)	1466904	4.00000	4.031
$	35 Triphenyl phosphate	25.271	25.270	(0.933)	1197295	4.00000	4.139(A)
	36 Phosmet	25.766	25.769	(0.952)	1218253	4.00000	4.046
	37 EPN	26.097	26.097	(0.964)	1497280	4.00000	3.999
	38 Azinphos-methyl	26.581	26.584	(0.982)	1158610	4.00000	4.051
*	39 TOCP	27.076	27.076	(1.000)	662886	2.00000	
	40 Azinphos-ethyl	27.169	27.172	(1.003)	1356516	4.00000	3.938
	41 Coumaphos	27.690	27.694	(1.023)	1188819	4.00000	4.100
M	42 Total Demeton				1733860	4.00000	4.025
M	43 Merphos				1742538	4.00000	3.980

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

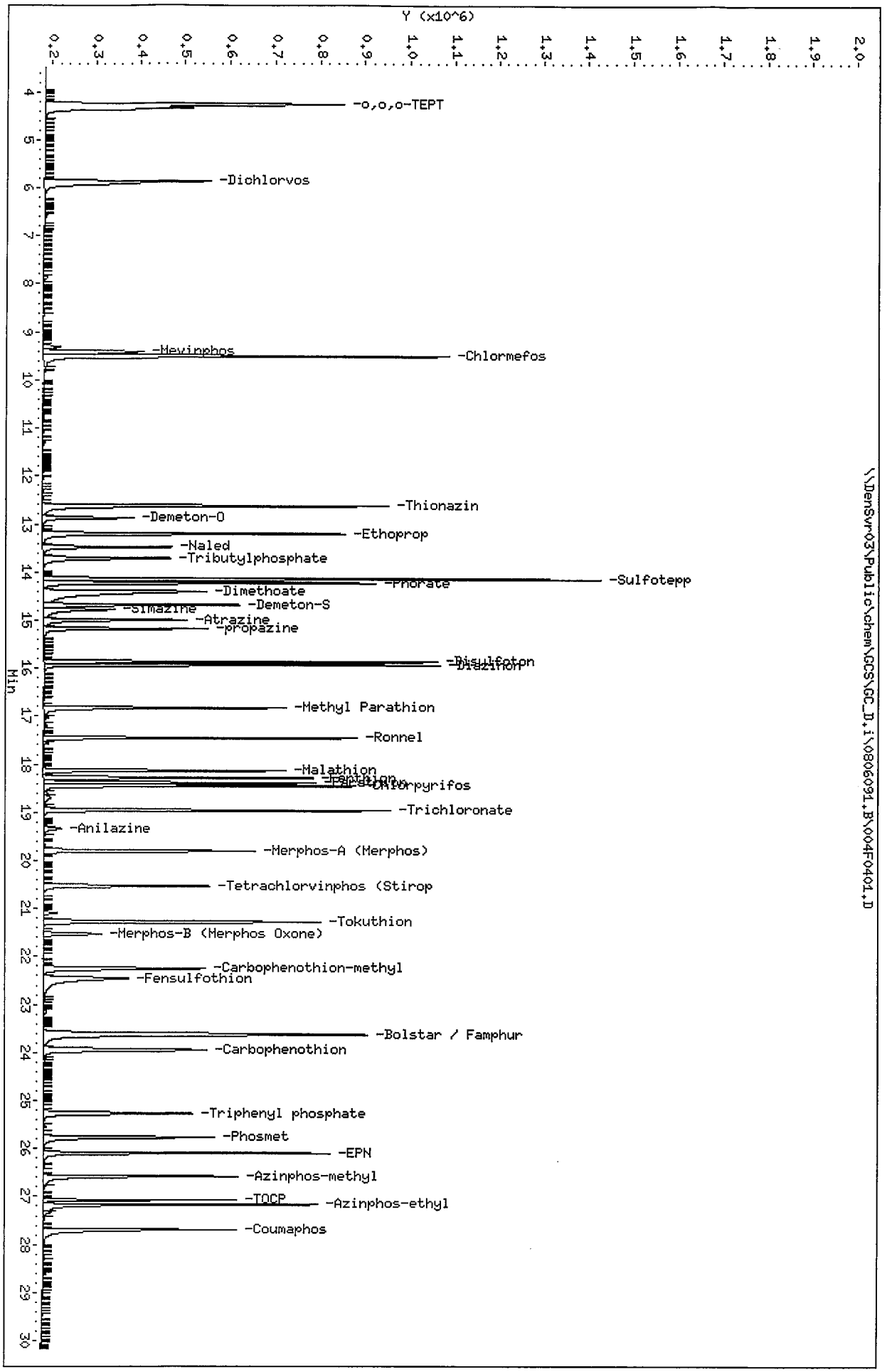
Instrument ID: GC_D.i
Lab File ID: 004F0401.D
Lab Smp Id: 8141 L6 GSV87009
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Misc Info:

Calibration Date: 07-AUG-2009
Calibration Time: 06:42
Client Smp ID: 8141 L6 GSV8700
Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	1034306	517153	2068612	976680	-5.57
39 TOCP	695324	347662	1390648	662886	-4.67

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.70	13.20	14.20	13.71	0.10
39 TOCP	27.08	26.58	27.58	27.08	-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_D,i\0806091,B\004F0401,D
Date : 06-AUG-2009 15:32
Client ID: 8141 L6 GSV87009
Sample Info: 8141 L6 GSV87009
Column phase: RTx-1MS

Instrument: GC_D,i
Operator: MPK/TLW
Column diameter: 0.32

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/004F0401.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 004F0401.D
Analysis Type: NONE

Injection Date: 06-AUG-2009 15:32
Lab Sample ID: 8141 L6 GSV87009
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1 o,o,o-TEPT	3.0000	3.7272	24.2	15.0	<-
2 Dichlorvos	3.0000	4.0433	34.8	15.0	<-
3 Mevinphos	3.0000	4.1986	40.0	15.0	<-
4 Chlormefos	3.0000	3.7459	24.9	15.0	<-
5 Thionazin	3.0000	3.9478	31.6	15.0	<-
6 Demeton-O	0.9750	1.1973	22.8	15.0	<-
7 Ethoprop	3.0000	3.8052	26.8	15.0	<-
8 Naled	3.0000	3.9829	32.8	15.0	<-
9 Sulfotepp	3.0000	4.0186	34.0	15.0	<-
10 Phorate	3.0000	4.0020	33.4	15.0	<-
11 Dimethoate	3.0000	4.0344	34.5	15.0	<-
12 Demeton-S	2.0400	3.2574	59.7	15.0	<-
13 Simazine	3.0000	3.9165	30.5	15.0	<-
14 Atrazine	3.0000	4.0098	33.7	15.0	<-
15 propazine	3.0000	4.0316	34.4	15.0	<-
17 Disulfoton	3.0000	4.0431	34.8	15.0	<-
16 Diazinon	3.0000	3.6165	20.5	15.0	<-
18 Methyl Parathion	3.0000	4.0079	33.6	15.0	<-
19 Ronnel	3.0000	4.0651	35.5	15.0	<-
20 Malathion	3.0000	4.1529	38.4	15.0	<-
21 Fenthion	3.0000	4.0455	34.9	15.0	<-
22 Parathion	3.0000	4.0375	34.6	15.0	<-
23 Chlorpyrifos	3.0000	4.0299	34.3	15.0	<-
24 Trichloronate	3.0000	4.0755	35.8	15.0	<-
25 Anilazine	3.0000	4.0456	34.9	15.0	<-
148 Merphos-A (Merphos)	3.0000	4.1603	38.7	999.0	
26 Tetrachlorvinphos (Stirophos)	3.0000	4.0360	34.5	15.0	<-
28 Tokuthion	3.0000	4.1080	36.9	15.0	<-
149 Merphos-B (Merphos Oxone)	3.0000	2.6792	10.7	999.0	
29 Carbophenothion-methyl	3.0000	3.9176	30.6	15.0	<-
29 Fensulfothion	3.0000	4.0266	34.2	15.0	<-
30 Bolstar / Famphur	6.0000	9.6457	60.8	15.0	<-
32 Carbophenothion	3.0000	4.0246	34.2	15.0	<-
31 Triphenyl phosphate	3.0000	4.1371	37.9	15.0	<-
34 Phosmet	3.0000	5.7287	91.0	15.0	<-
32 EPN	3.0000	4.0029	33.4	15.0	<-
33 Azinphos-methyl	3.0000	4.0338	34.5	15.0	<-
38 Azinphos-ethyl	3.0000	4.0493	35.0	15.0	<-
36 Coumaphos	3.0000	5.0072	66.9	15.0	<-

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/004F0401.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

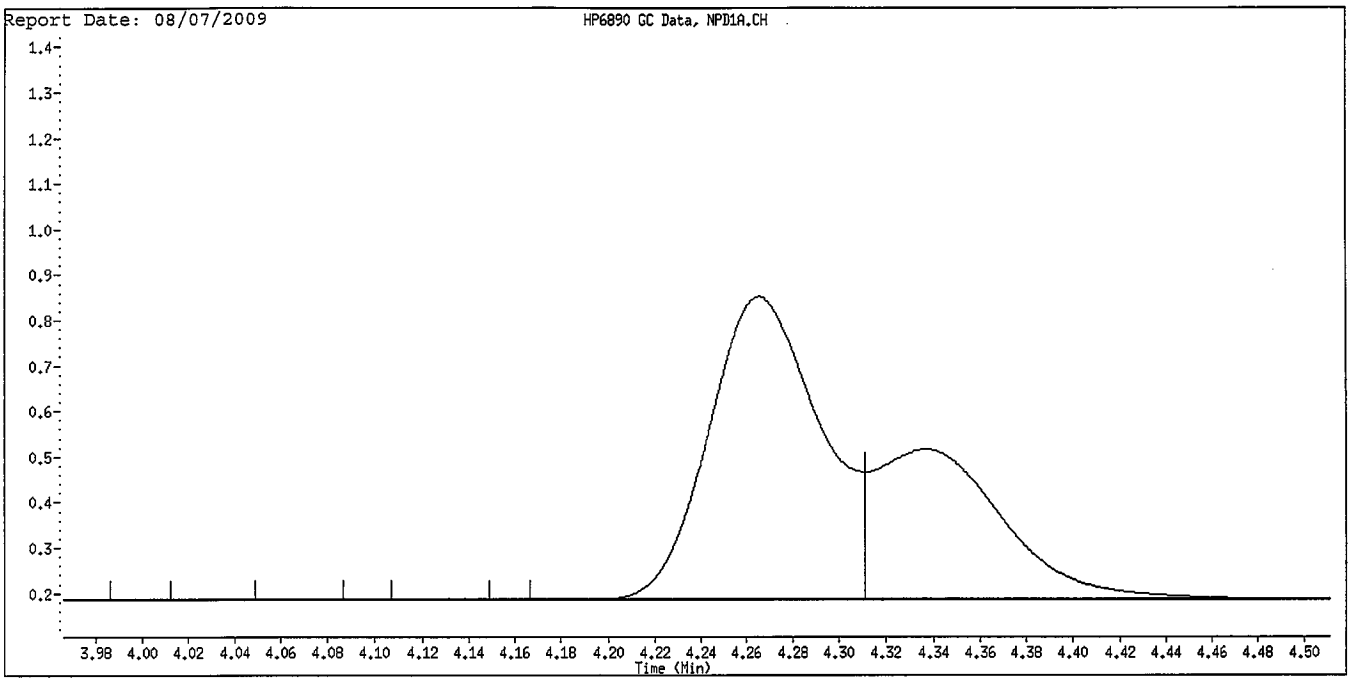
Instrument ID: GC_D.i
Lab File ID: 004F0401.D
Analysis Type: NONE

Injection Date: 06-AUG-2009 15:32
Lab Sample ID: 8141 L6 GSV87009
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

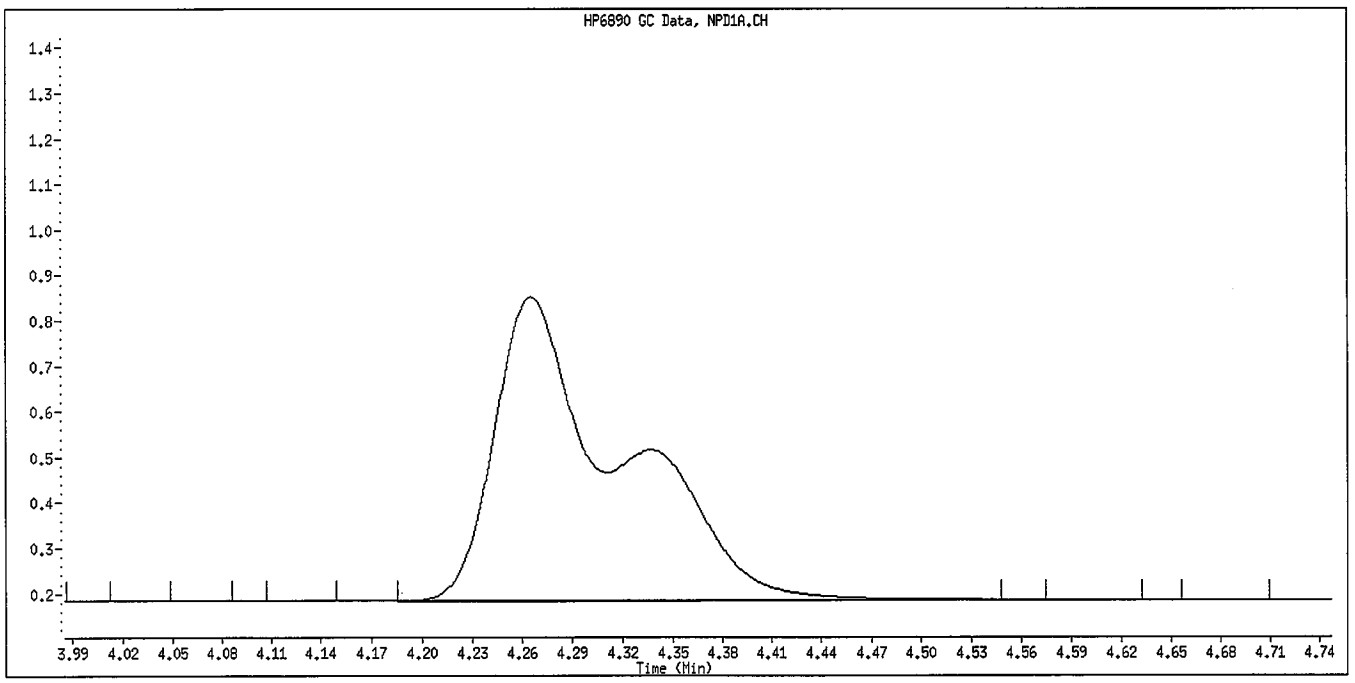
COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
40 Total Demeton	3.0000	4.4546	48.5	15.0	<-
27 Merphos	3.0000	3.9712	32.4	15.0	<-

Average %D = 36.5

Data File Name: 004F0401.D
Inj. Date and Time: 06-AUG-2009 15:32
Instrument ID: GC_D.i
Client ID: 8141 L6 GSV87009
Compound Name: o,o,o-TEPT
CAS #:



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\005F0501.D
Lab Smp Id: 8141 L5 GSV87109 Client Smp ID: 8141 L5 GSV87109
Inj Date : 06-AUG-2009 16:08
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L5 GSV87109
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Meth Date : 07-Aug-2009 13:45 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 15:32 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	4.266	4.267	(0.311)	2678940	3.00000	2.919(M)
	2 Dichlorvos	5.864	5.865	(0.428)	1231344	3.00000	2.932
	3 Mevinphos	9.406	9.407	(0.686)	596188	3.00000	2.948
$	4 Chlormefos	9.501	9.502	(0.693)	2173979	3.00000	2.826
	5 Thionazin	12.624	12.625	(0.921)	1718412	3.00000	2.963
	6 Demeton-O	12.875	12.876	(0.939)	460549	0.97500	0.9780
	7 Ethoprop	13.204	13.205	(0.963)	1510941	3.00000	2.896
	8 Naled	13.482	13.482	(0.983)	602529	3.00000	3.034
*	9 Tributylphosphate	13.714	13.714	(1.000)	997831	2.00000	
	10 Sulfotepp	14.143	14.143	(1.031)	2351109	3.00000	3.010
	11 Phorate	14.227	14.227	(1.037)	1492108	3.00000	2.901
	12 Dimethoate	14.415	14.416	(1.051)	1446366	3.00000	2.981
	13 Demeton-S	14.681	14.682	(1.071)	888508	2.04000	2.085
	14 Simazine	14.783	14.783	(1.078)	493520	3.00000	2.956
	15 Atrazine	14.997	14.997	(1.094)	667495	3.00000	2.931
	16 propazine	15.178	15.178	(1.107)	680031	3.00000	3.092
	17 Disulfoton	15.865	15.866	(0.586)	1440699	3.00000	2.977
	18 Diazinon	15.934	15.934	(0.588)	1526415	3.00000	2.998
	19 Methyl Parathion	16.829	16.829	(0.622)	1132305	3.00000	3.012
	20 Ronnel	17.455	17.456	(0.645)	1224497	3.00000	3.129
	21 Malathion	18.134	18.134	(0.670)	1068194	3.00000	3.128
	22 Fenthion	18.284	18.284	(0.675)	1222175	3.00000	3.040
	23 Parathion	18.392	18.392	(0.679)	1232087	3.00000	3.008
	24 Chlorpyrifos	18.450	18.451	(0.681)	1387727	3.00000	2.963
	25 Trichloronate	18.958	18.958	(0.700)	1482082	3.00000	3.046
	26 Anilazine	19.344	19.345	(0.714)	109906	3.00000	2.897
	27 Merphos-A (Merphos)	19.804	19.804	(0.731)	975630	3.00000	3.016
	28 Tetrachlorvinphos (Stirophos)	20.531	20.532	(0.758)	821547	3.00000	3.003
	29 Tokuthion	21.278	21.278	(0.786)	1405740	3.00000	3.038
	30 Merphos-B (Merphos Oxone)	21.535	21.536	(0.795)	371990	3.00000	3.077
	31 Carbophenothion-methyl	22.254	22.254	(0.822)	972242	3.00000	3.017
	32 Fensulfothion	22.464	22.465	(0.830)	876396	3.00000	2.966
	33 Bolstar / Famphur	23.626	23.627	(0.873)	2416510	6.00000	6.031

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	23.946	23.947	(0.884)	1134170	3.00000	3.029
$	35 Triphenyl phosphate	25.269	25.270	(0.933)	921466	3.00000	3.096(A)
	36 Phosmet	25.769	25.769	(0.952)	916951	3.00000	2.989
	37 EPN	26.097	26.097	(0.964)	1143331	3.00000	2.968
	38 Azinphos-methyl	26.584	26.584	(0.982)	862799	3.00000	2.974
*	39 TOCP	27.075	27.076	(1.000)	682079	2.00000	
	40 Azinphos-ethyl	27.172	27.172	(1.004)	1051907	3.00000	2.968
	41 Coumaphos	27.694	27.694	(1.023)	895805	3.00000	3.022
M	42 Total Demeton				1349057	3.00000	3.063
M	43 Merphos				1347620	3.00000	2.991

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

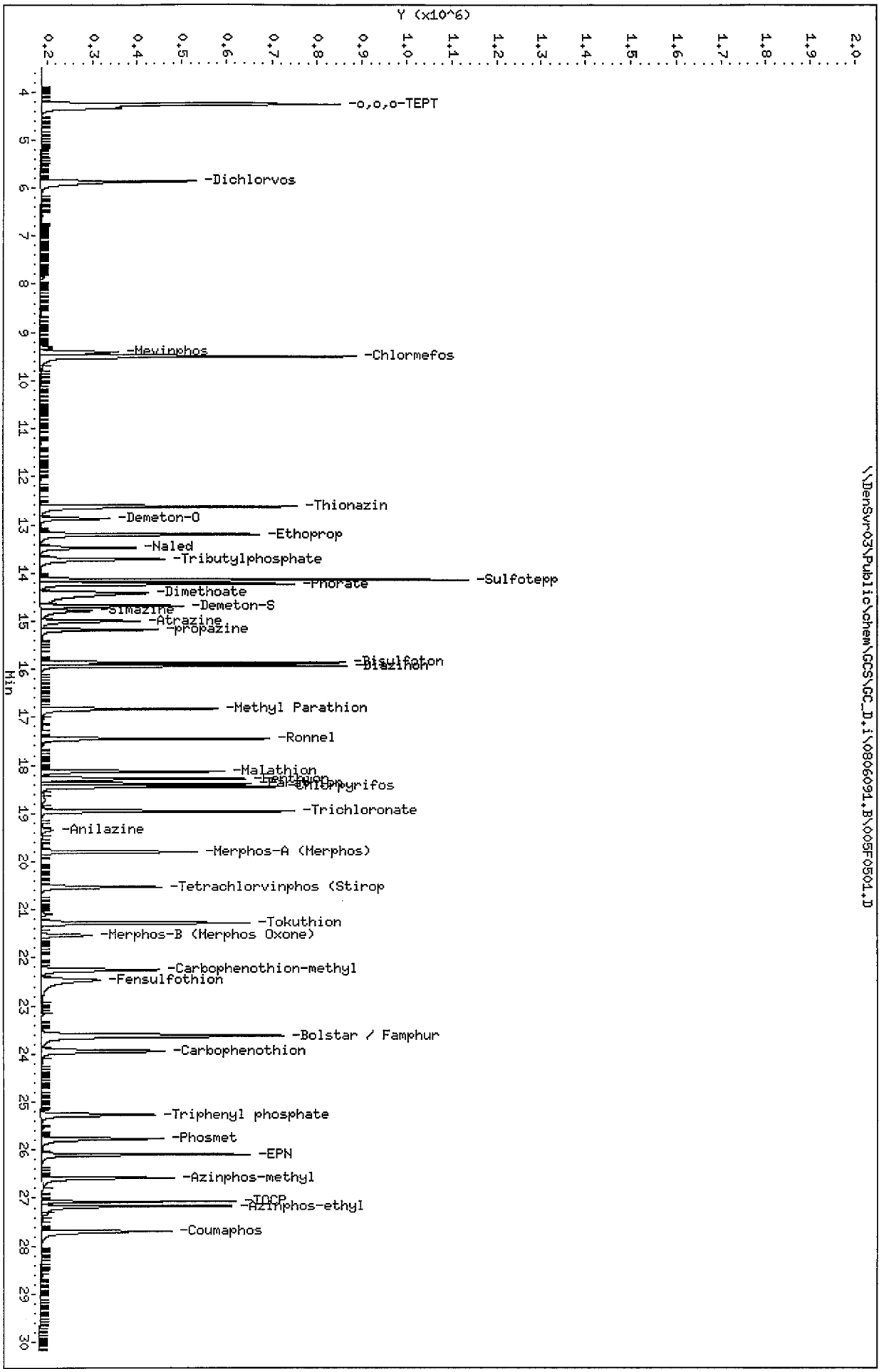
Instrument ID: GC_D.i
Lab File ID: 005F0501.D
Lab Smp Id: 8141 L5 GSV87109
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Misc Info:

Calibration Date: 07-AUG-2009
Calibration Time: 06:42
Client Smp ID: 8141 L5 GSV8710
Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	1034306	517153	2068612	997831	-3.53
39 TOCP	695324	347662	1390648	682079	-1.90

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.70	13.20	14.20	13.71	0.11
39 TOCP	27.08	26.58	27.58	27.08	-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_D,i\0806091,B\005F0501.D
Date : 06-AUG-2009 16:08
Client ID: 8141 L5 GSV87109
Sample Info: 8141 L5 GSV87109
Column phase: RTx-1MS

Instrument: GC_D,i
Operator: MPK/TLW
Column diameter: 0.32

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/005F0501.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 005F0501.D
Analysis Type: NONE

Injection Date: 06-AUG-2009 16:08
Lab Sample ID: 8141 L5 GSV87109
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	3.0000	2.7636	7.9	15.0	
2	Dichlorvos	3.0000	2.9290	2.4	15.0	
3	Mevinphos	3.0000	3.0125	0.4	15.0	
4	Chlormefos	3.0000	2.7879	7.1	15.0	
5	Thionazin	3.0000	2.9596	1.3	15.0	
6	Demeton-O	0.9750	0.9278	4.8	15.0	
7	Ethoprop	3.0000	2.8961	3.5	15.0	
8	Naled	3.0000	3.0574	1.9	15.0	
9	Sulfotepp	3.0000	3.0223	0.7	15.0	
10	Phorate	3.0000	2.9926	0.2	15.0	
11	Dimethoate	3.0000	3.0085	0.3	15.0	
12	Demeton-S	2.0400	2.4547	20.3	15.0	<-
13	Simazine	3.0000	3.0267	0.9	15.0	
14	Atrazine	3.0000	2.9854	0.5	15.0	
15	propazine	3.0000	2.9986	0.0	15.0	
17	Disulfoton	3.0000	3.0245	0.8	15.0	
16	Diazinon	3.0000	2.7242	9.2	15.0	
18	Methyl Parathion	3.0000	3.0262	0.9	15.0	
19	Ronnel	3.0000	2.9794	0.7	15.0	
20	Malathion	3.0000	3.1262	4.2	15.0	
21	Fenthion	3.0000	3.0366	1.2	15.0	
22	Parathion	3.0000	3.0160	0.5	15.0	
23	Chlorpyrifos	3.0000	2.9344	2.2	15.0	
24	Trichloronate	3.0000	3.0033	0.1	15.0	
25	Anilazine	3.0000	3.0359	1.2	15.0	
148	Merphos-A (Merphos)	3.0000	2.9498	1.7	999.0	
26	Tetrachlorvinphos (Stirophos)	3.0000	2.9549	1.5	15.0	
28	Tokuthion	3.0000	3.0365	1.2	15.0	
149	Merphos-B (Merphos Oxone)	3.0000	2.2946	23.5	999.0	
29	Carbophenothion-methyl	3.0000	2.9308	2.3	15.0	
29	Fensulfothion	3.0000	2.9992	0.0	15.0	
30	Bolstar / Famphur	6.0000	7.2483	20.8	15.0	<-
32	Carbophenothion	3.0000	3.0304	1.0	15.0	
31	Triphenyl phosphate	3.0000	3.0967	3.2	15.0	
34	Phosmet	3.0000	4.1916	39.7	15.0	<-
32	EPN	3.0000	2.9730	0.9	15.0	
33	Azinphos-methyl	3.0000	2.9802	0.7	15.0	
38	Azinphos-ethyl	3.0000	3.0463	1.5	15.0	
36	Coumaphos	3.0000	3.6741	22.5	15.0	<-

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/005F0501.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

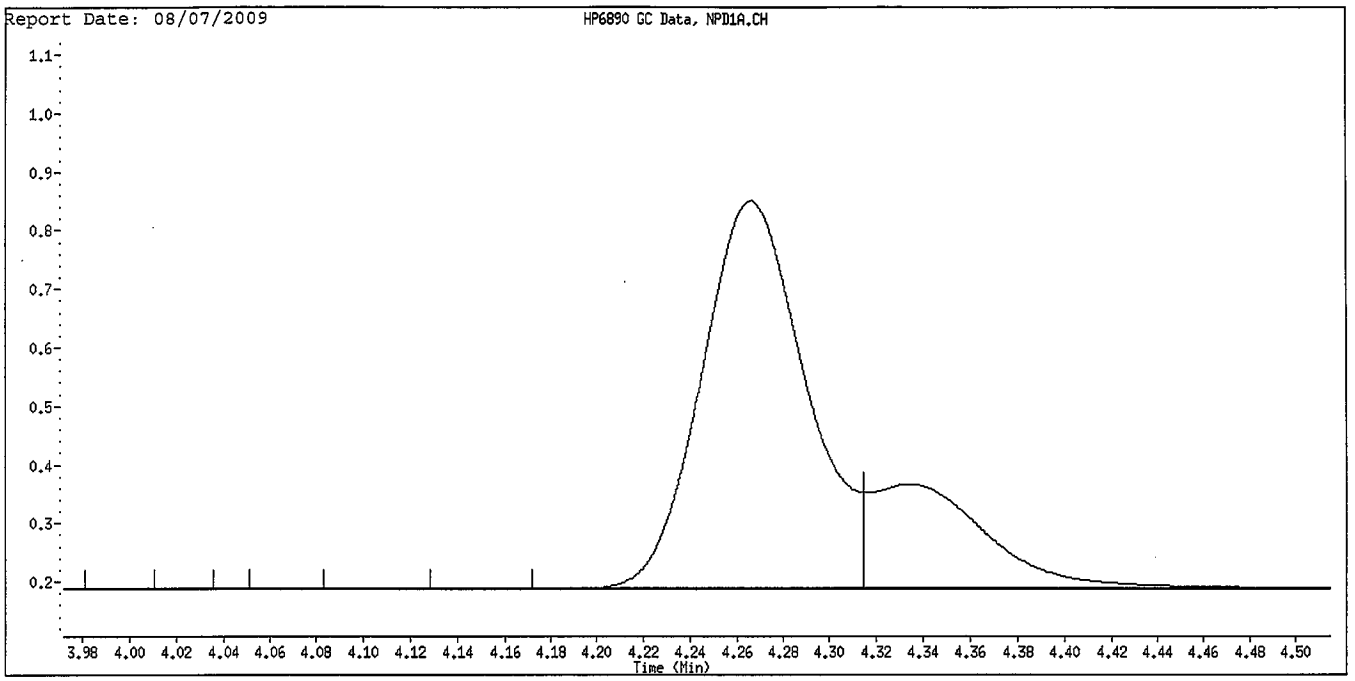
Instrument ID: GC_D.i
Lab File ID: 005F0501.D
Analysis Type: NONE

Injection Date: 06-AUG-2009 16:08
Lab Sample ID: 8141 L5 GSV87109
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

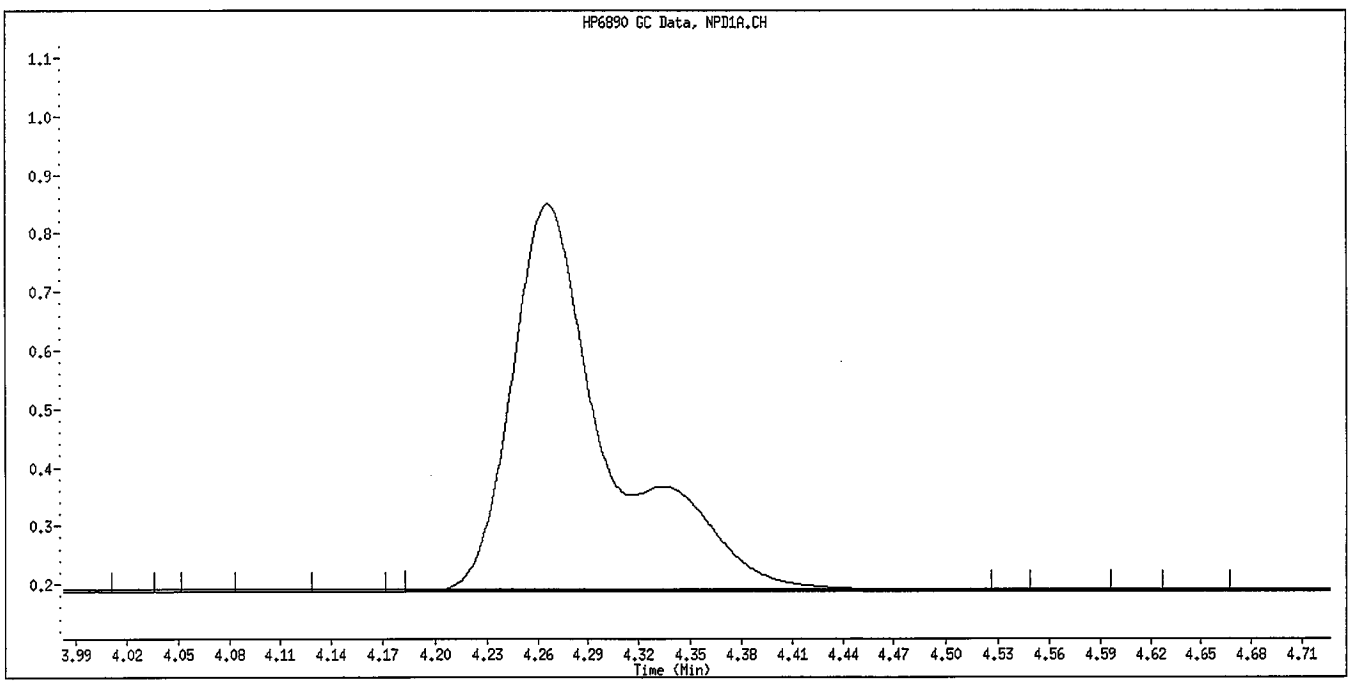
COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
40 Total Demeton	3.0000	3.3824	12.7	15.0
27 Merphos	3.0000	2.9860	0.5	15.0

Average %D = 5.05

Data File Name: 005F0501.D
Inj. Date and Time: 06-AUG-2009 16:08
Instrument ID: GC_D.i
Client ID: 8141 L5 GSV87109
Compound Name: o,o,o-TEPT
CAS #:



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\006F0601.D
Lab Smp Id: 8141 L4 GSV87209 Client Smp ID: 8141 L4 GSV87209
Inj Date : 06-AUG-2009 16:45
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L4 GSV87209
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Meth Date : 07-Aug-2009 13:45 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 16:08 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	4.266	4.267	(0.311)	1806303	2.00000	2.027(M)
	2 Dichlorvos	5.871	5.865	(0.428)	806939	2.00000	2.062
	3 Mevinphos	9.425	9.407	(0.687)	356823	2.00000	2.037
$	4 Chlormefos	9.504	9.502	(0.693)	1500556	2.00000	2.093
	5 Thionazin	12.627	12.625	(0.920)	1140983	2.00000	2.130
	6 Demeton-O	12.879	12.876	(0.939)	301922	0.65000	0.6820
	7 Ethoprop	13.210	13.205	(0.963)	1004283	2.00000	2.091
	8 Naled	13.485	13.482	(0.983)	361004	2.00000	2.035
*	9 Tributylphosphate	13.719	13.714	(1.000)	930125	2.00000	
	10 Sulfotepp	14.145	14.143	(1.031)	1569936	2.00000	2.156
	11 Phorate	14.230	14.227	(1.037)	996323	2.00000	2.078
	12 Dimethoate	14.429	14.416	(1.052)	877602	2.00000	2.064
	13 Demeton-S	14.688	14.682	(1.071)	598857	1.36000	1.512
	14 Simazine	14.790	14.783	(1.078)	313833	2.00000	1.928
	15 Atrazine	15.002	14.997	(1.094)	417568	2.00000	2.030
	16 propazine	15.182	15.178	(1.107)	426561	2.00000	2.081
	17 Disulfoton	15.867	15.866	(0.586)	956556	2.00000	2.118
	18 Diazinon	15.935	15.934	(0.589)	1016692	2.00000	2.083
	19 Methyl Parathion	16.834	16.829	(0.622)	727074	2.00000	2.071
	20 Ronnel	17.457	17.456	(0.645)	776395	2.00000	2.100
	21 Malathion	18.136	18.134	(0.670)	702019	2.00000	2.177
	22 Fenthion	18.286	18.284	(0.675)	790291	2.00000	2.100
	23 Parathion	18.393	18.392	(0.679)	780379	2.00000	2.077
	24 Chlorpyrifos	18.453	18.451	(0.681)	926482	2.00000	2.031
	25 Trichloronate	18.960	18.958	(0.700)	943008	2.00000	2.052
	26 Anilazine	19.355	19.345	(0.715)	62364	2.00000	1.901
	27 Merphos-A (Merphos)	19.804	19.804	(0.731)	619861	2.00000	2.063
	28 Tetrachlorvinphos (Stirophos)	20.534	20.532	(0.758)	510754	2.00000	2.008
	29 Tokuthion	21.280	21.278	(0.786)	908087	2.00000	2.078
	30 Merphos-B (Merphos Oxone)	21.536	21.536	(0.795)	271041	2.00000	1.998
	31 Carbophenothion-methyl	22.260	22.254	(0.822)	618555	2.00000	2.065
	32 Fensulfothion	22.489	22.465	(0.831)	563535	2.00000	2.116
	33 Bolstar / Famphur	23.631	23.627	(0.873)	1568236	4.00000	4.180

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	23.954	23.947	(0.885)	730586	2.00000	2.066
$	35 Triphenyl phosphate	25.274	25.270	(0.933)	612613	2.00000	2.179(A)
	36 Phosmet	25.779	25.769	(0.952)	595984	2.00000	2.091
	37 EPN	26.101	26.097	(0.964)	776730	2.00000	2.135
	38 Azinphos-methyl	26.591	26.584	(0.982)	545683	2.00000	2.042
*	39 TOCP	27.078	27.076	(1.000)	644188	2.00000	
	40 Azinphos-ethyl	27.175	27.172	(1.004)	673342	2.00000	2.011
	41 Coumaphos	27.700	27.694	(1.023)	569489	2.00000	2.058
M	42 Total Demeton				900779	2.00000	2.194
M	43 Merphos				890902	2.00000	2.094

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_D.i
Lab File ID: 006F0601.D
Lab Smp Id: 8141 L4 GSV87209
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Misc Info:

Calibration Date: 07-AUG-2009
Calibration Time: 06:42
Client Smp ID: 8141 L4 GSV8720
Level:
Sample Type:

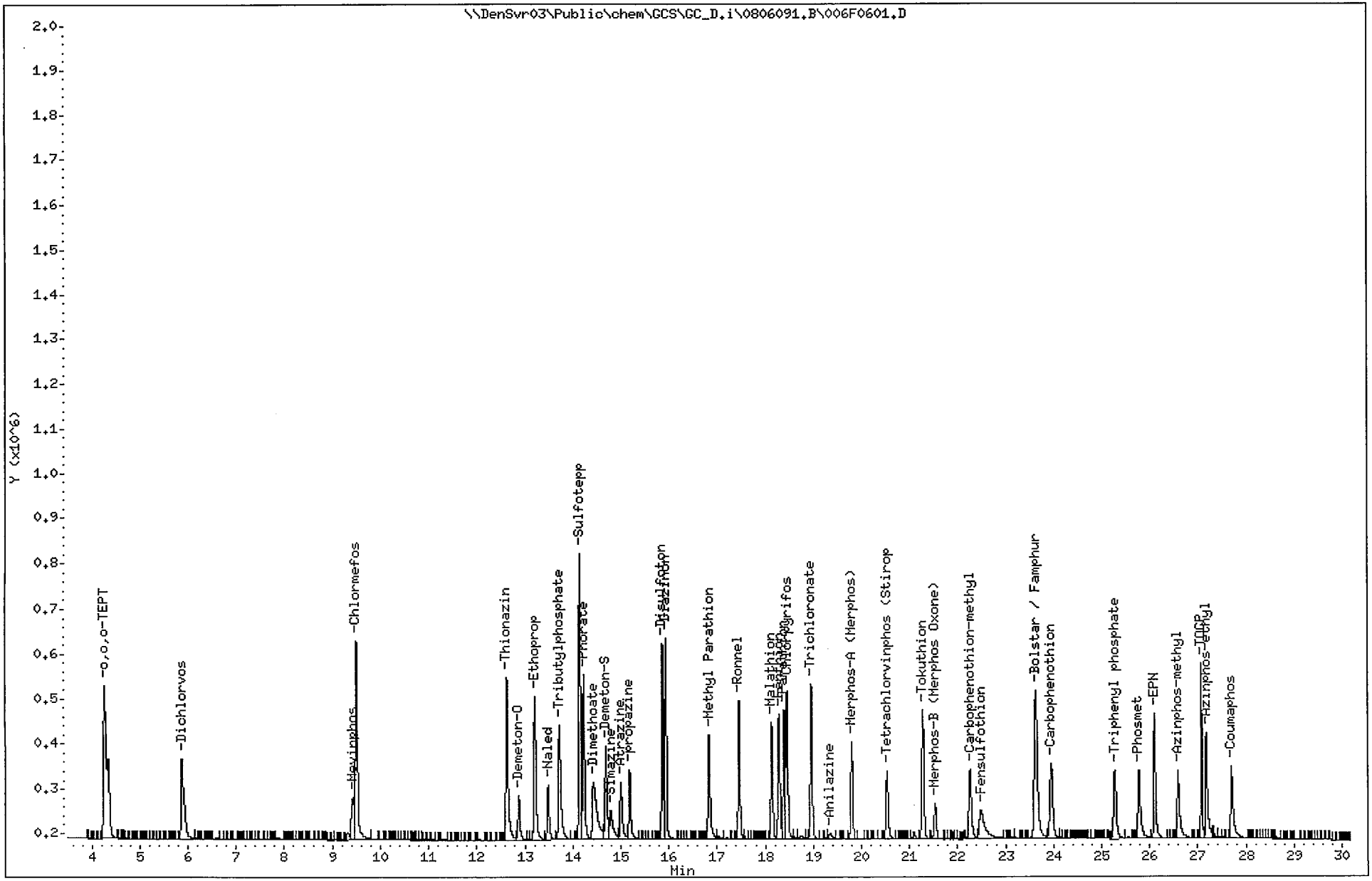
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	1034306	517153	2068612	930125	-10.07
39 TOCP	695324	347662	1390648	644188	-7.35

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.70	13.20	14.20	13.72	0.15
39 TOCP	27.08	26.58	27.58	27.08	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_D.i\0806091.B\006F0601.D
Date : 06-AUG-2009 16:45
Client ID: 8141 L4 GSV87209
Sample Info: 8141 L4 GSV87209

Instrument: GC_D.i
Operator: MPK/TLW
Column phase: RTx-1MS
Column diameter: 0.32



Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/006F0601.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 006F0601.D
Analysis Type: NONE

Injection Date: 06-AUG-2009 16:45
Lab Sample ID: 8141 L4 GSV87209
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	3.0000	1.9938	33.5	15.0	<-
2	Dichlorvos	3.0000	2.0526	31.6	15.0	<-
3	Mevinphos	3.0000	2.0152	32.8	15.0	<-
4	Chlormefos	3.0000	2.0593	31.4	15.0	<-
5	Thionazin	3.0000	2.1200	29.3	15.0	<-
6	Demeton-O	0.9750	0.6516	33.2	15.0	<-
7	Ethoprop	3.0000	2.0852	30.5	15.0	<-
8	Naled	3.0000	2.0194	32.7	15.0	<-
9	Sulfotepp	3.0000	2.1590	28.0	15.0	<-
10	Phorate	3.0000	2.1074	29.8	15.0	<-
11	Dimethoate	3.0000	2.0394	32.0	15.0	<-
12	Demeton-S	2.0400	1.7726	13.1	15.0	
13	Simazine	3.0000	2.1187	29.4	15.0	<-
14	Atrazine	3.0000	2.0503	31.7	15.0	<-
15	propazine	3.0000	2.0478	31.7	15.0	<-
17	Disulfoton	3.0000	2.1468	28.4	15.0	<-
16	Diazinon	3.0000	1.9214	36.0	15.0	<-
18	Methyl Parathion	3.0000	2.0960	30.1	15.0	<-
19	Ronnel	3.0000	2.0156	32.8	15.0	<-
20	Malathion	3.0000	2.1763	27.5	15.0	<-
21	Fenthion	3.0000	2.0998	30.0	15.0	<-
22	Parathion	3.0000	2.0692	31.0	15.0	<-
23	Chlorpyrifos	3.0000	1.9760	34.1	15.0	<-
24	Trichloronate	3.0000	2.0310	32.3	15.0	<-
25	Anilazine	3.0000	2.0249	32.5	15.0	<-
148	Merphos-A (Merphos)	3.0000	1.9887	33.7	999.0	
26	Tetrachlorvinphos (Stirophos)	3.0000	2.0099	33.0	15.0	<-
28	Tokuthion	3.0000	2.0766	30.8	15.0	<-
149	Merphos-B (Merphos Oxone)	3.0000	1.7700	41.0	999.0	
29	Carbophenothion-methyl	3.0000	2.0367	32.1	15.0	<-
29	Fensulfothion	3.0000	2.1116	29.6	15.0	<-
30	Bolstar / Famphur	6.0000	4.9812	17.0	15.0	<-
32	Carbophenothion	3.0000	2.0681	31.1	15.0	<-
31	Triphenyl phosphate	3.0000	2.1787	27.4	15.0	<-
34	Phosmet	3.0000	2.8772	4.1	15.0	
32	EPN	3.0000	2.1359	28.8	15.0	<-
33	Azinphos-methyl	3.0000	2.0652	31.2	15.0	<-
38	Azinphos-ethyl	3.0000	2.0564	31.5	15.0	<-
36	Coumaphos	3.0000	2.4739	17.5	15.0	<-

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/006F0601.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

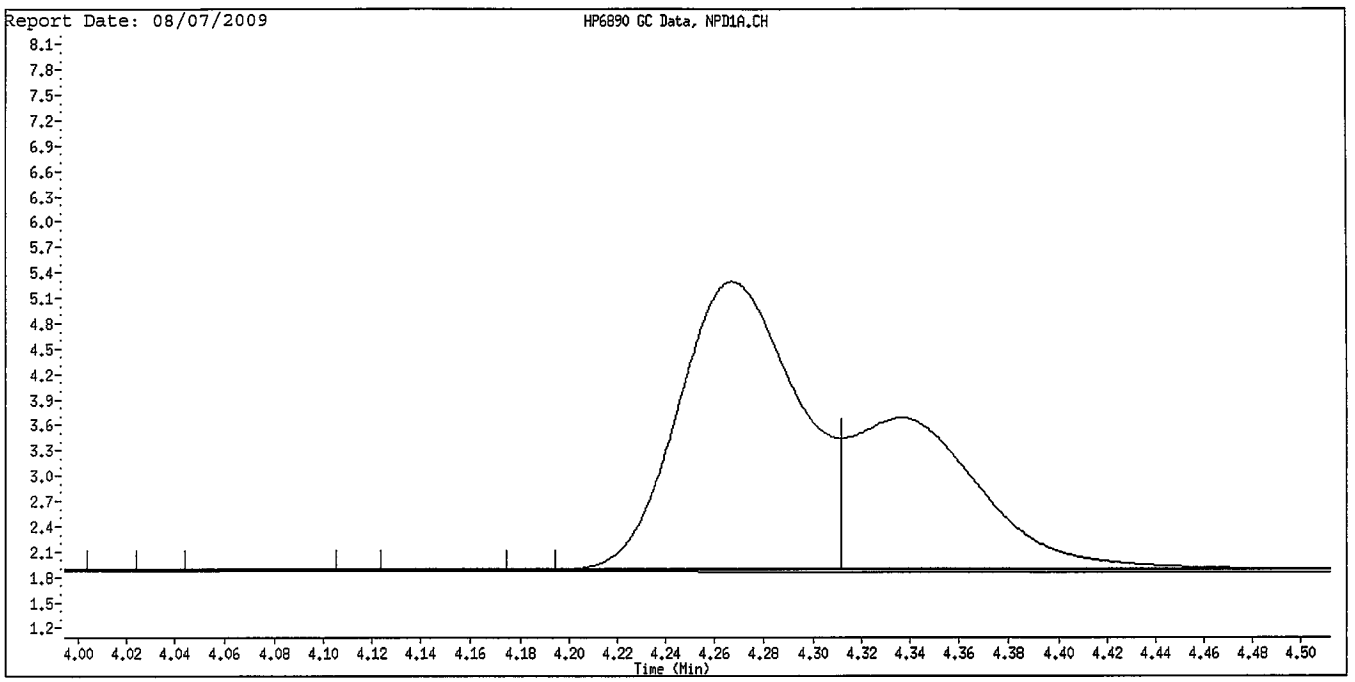
Instrument ID: GC_D.i
Lab File ID: 006F0601.D
Analysis Type: NONE

Injection Date: 06-AUG-2009 16:45
Lab Sample ID: 8141 L4 GSV87209
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

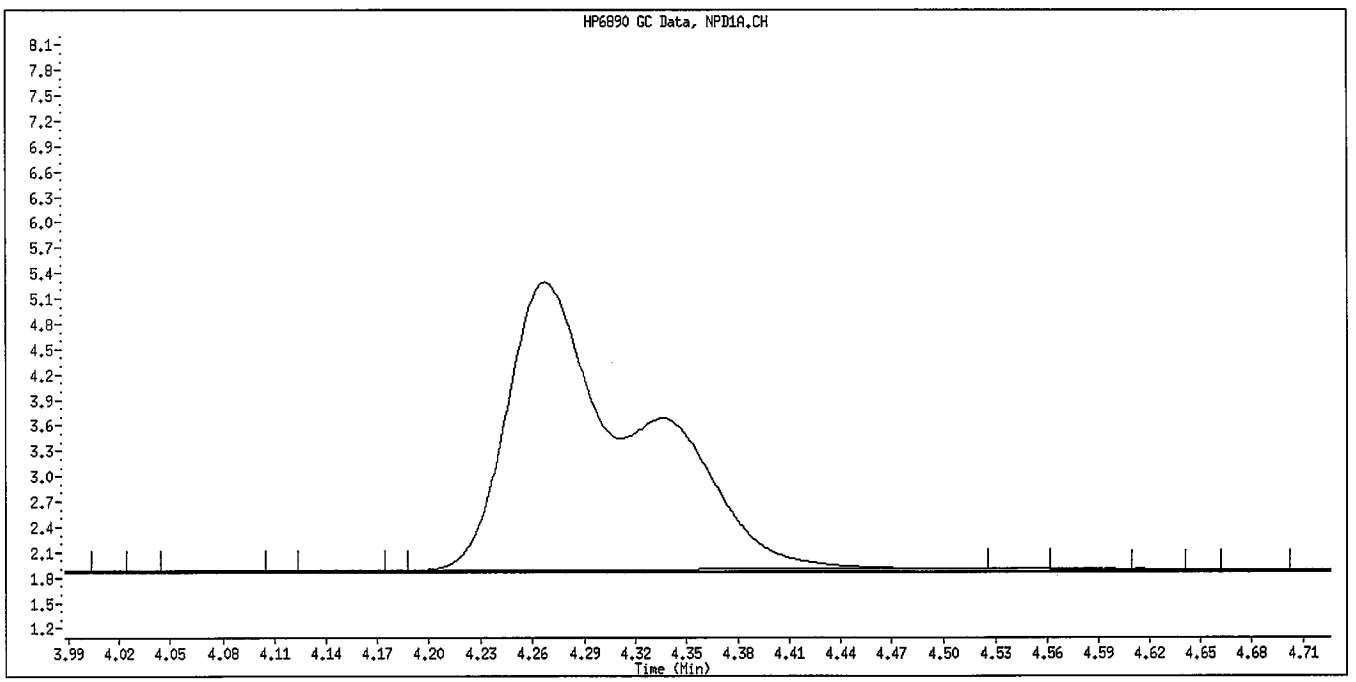
COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
40 Total Demeton	3.0000	2.4243	19.2	15.0	<-
27 Merphos	3.0000	2.0898	30.3	15.0	<-

Average %D = 29.4

Data File Name: 006F0601.D
Inj. Date and Time: 06-AUG-2009 16:45
Instrument ID: GC_D.i
Client ID: 8141 L4 GSV87209
Compound Name: o,o,o-TEPT
CAS #:



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\007F0701.D
Lab Smp Id: 8141 L3 GSV87309 Client Smp ID: 8141 L3 GSV87309
Inj Date : 06-AUG-2009 17:21
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L3 GSV87309
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Meth Date : 07-Aug-2009 13:45 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 16:45 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	4.266	4.267	(0.311)	908197	1.00000	0.9830(M)
	2 Dichlorvos	5.871	5.865	(0.428)	383146	1.00000	0.9976
	3 Mevinphos	9.426	9.407	(0.687)	111446	1.00000	0.9222
$	4 Chlormefos	9.501	9.502	(0.692)	746730	1.00000	1.062
	5 Thionazin	12.631	12.625	(0.920)	544011	1.00000	1.070
	6 Demeton-O	12.879	12.876	(0.938)	157798	0.32500	0.3542
	7 Ethoprop	13.218	13.205	(0.963)	491981	1.00000	1.088
	8 Naled	13.491	13.482	(0.983)	162318	1.00000	1.037
*	9 Tributylphosphate	13.726	13.714	(1.000)	912600	2.00000	
	10 Sulfotepp	14.145	14.143	(1.030)	756152	1.00000	1.058
	11 Phorate	14.230	14.227	(1.037)	520383	1.00000	1.106
	12 Dimethoate	14.479	14.416	(1.055)	356039	1.00000	1.061
	13 Demeton-S	14.703	14.682	(1.071)	285098	0.68000	0.7421
	14 Simazine	14.806	14.783	(1.079)	174622	1.00000	1.104
	15 Atrazine	15.012	14.997	(1.094)	206785	1.00000	1.120
	16 propazine	15.190	15.178	(1.107)	215077	1.00000	1.069
	17 Disulfoton	15.870	15.866	(0.586)	445811	1.00000	1.059
	18 Diazinon	15.940	15.934	(0.589)	519628	1.00000	1.045
	19 Methyl Parathion	16.843	16.829	(0.622)	334656	1.00000	1.019
	20 Ronnel	17.463	17.456	(0.645)	356993	1.00000	0.9943
	21 Malathion	18.142	18.134	(0.670)	337515	1.00000	1.077
	22 Fenthion	18.292	18.284	(0.675)	363139	1.00000	1.025
	23 Parathion	18.402	18.392	(0.680)	333400	1.00000	1.015
	24 Chlorpyrifos	18.453	18.451	(0.681)	506108	1.00000	1.046
	25 Trichloronate	18.963	18.958	(0.700)	440136	1.00000	0.9860
	26 Anilazine	19.375	19.345	(0.715)	23197	1.00000	0.9765
	27 Merphos-A (Merphos)	19.806	19.804	(0.731)	274971	1.00000	0.9986
	28 Tetrachlorvinphos (Stirophos)	20.544	20.532	(0.759)	229899	1.00000	0.9789
	29 Tokuthion	21.287	21.278	(0.786)	431780	1.00000	1.017
	30 Merphos-B (Merphos Oxone)	21.546	21.536	(0.796)	159629	1.00000	0.9349
	31 Carbophenothion-methyl	22.274	22.254	(0.823)	280480	1.00000	1.017
	32 Fensulfothion	22.535	22.465	(0.832)	214899	1.00000	1.015
	33 Bolstar / Famphur	23.638	23.627	(0.873)	741469	2.00000	2.093

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	23.958	23.947	(0.885)	360929	1.00000	1.051
$	35 Triphenyl phosphate	25.290	25.270	(0.934)	294744	1.00000	1.079
	36 Phosmet	25.796	25.769	(0.953)	268843	1.00000	1.029
	37 EPN	26.110	26.097	(0.964)	382286	1.00000	1.082
	38 Azinphos-methyl	26.602	26.584	(0.982)	233826	1.00000	0.9852
*	39 TOCP	27.080	27.076	(1.000)	625742	2.00000	
	40 Azinphos-ethyl	27.185	27.172	(1.004)	334585	1.00000	1.029
	41 Coumaphos	27.712	27.694	(1.023)	261325	1.00000	1.011
M	42 Total Demeton				442896	1.00000	1.096
M	43 Merphos				434600	1.00000	1.052

QC Flag Legend

M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D.i
Lab File ID: 007F0701.D
Lab Smp Id: 8141 L3 GSV87309
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Misc Info:

Calibration Date: 07-AUG-2009
Calibration Time: 06:42
Client Smp ID: 8141 L3 GSV8730
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	1034306	517153	2068612	912600	-11.77
39 TOCP	695324	347662	1390648	625742	-10.01

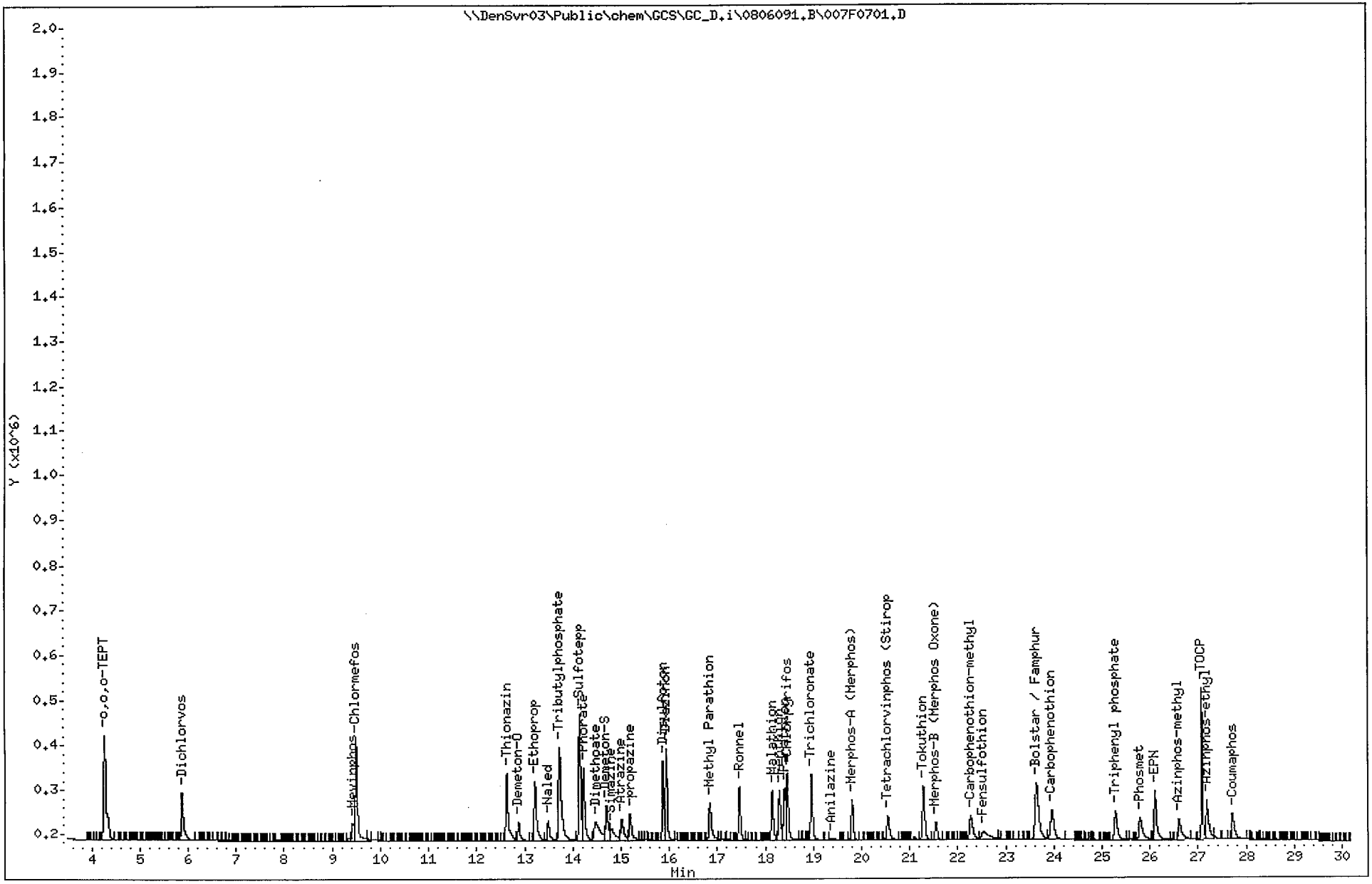
COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.70	13.20	14.20	13.73	0.20
39 TOCP	27.08	26.58	27.58	27.08	0.01

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_D.i\0806091.B\007F0701.D
Date : 06-AUG-2009 17:21
Client ID: 8141 L3 GSV87309
Sample Info: 8141 L3 GSV87309

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

Column phase: RTx-1MS



Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/007F0701.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 007F0701.D
Analysis Type: NONE

Injection Date: 06-AUG-2009 17:21
Lab Sample ID: 8141 L3 GSV87309
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1 o,o,o-TEPT	3.0000	1.0210	66.0	15.0	<-
2 Dichlorvos	3.0000	0.9935	66.9	15.0	<-
3 Mevinphos	3.0000	0.8088	73.0	15.0	<-
4 Chlormefos	3.0000	1.0451	65.2	15.0	<-
5 Thionazin	3.0000	1.0649	64.5	15.0	<-
6 Demeton-O	0.9750	0.3464	64.5	15.0	<-
7 Ethoprop	3.0000	1.0846	63.8	15.0	<-
8 Naled	3.0000	1.0092	66.4	15.0	<-
9 Sulfotepp	3.0000	1.0593	64.7	15.0	<-
10 Phorate	3.0000	1.0691	64.4	15.0	<-
11 Dimethoate	3.0000	0.9789	67.4	15.0	<-
12 Demeton-S	2.0400	0.8594	57.9	15.0	<-
13 Simazine	3.0000	1.2619	57.9	15.0	<-
14 Atrazine	3.0000	1.1022	63.3	15.0	<-
15 propazine	3.0000	1.0880	63.7	15.0	<-
17 Disulfoton	3.0000	1.0668	64.4	15.0	<-
16 Diazinon	3.0000	1.0123	66.3	15.0	<-
18 Methyl Parathion	3.0000	1.0577	64.7	15.0	<-
19 Ronnel	3.0000	0.9790	67.4	15.0	<-
20 Malathion	3.0000	1.0769	64.1	15.0	<-
21 Fenthion	3.0000	1.0244	65.9	15.0	<-
22 Parathion	3.0000	0.9861	67.1	15.0	<-
23 Chlorpyrifos	3.0000	0.9598	68.0	15.0	<-
24 Trichloronate	3.0000	0.9814	67.3	15.0	<-
25 Anilazine	3.0000	0.9337	68.9	15.0	<-
148 Merphos-A (Merphos)	3.0000	0.9686	67.7	999.0	
26 Tetrachlorvinphos (Stirophos)	3.0000	1.0308	65.6	15.0	<-
28 Tokuthion	3.0000	1.0171	66.1	15.0	<-
149 Merphos-B (Merphos Oxone)	3.0000	1.0771	64.1	999.0	
29 Carbophenothion-methyl	3.0000	1.0574	64.8	15.0	<-
29 Fensulfothion	3.0000	0.9968	66.8	15.0	<-
30 Bolstar / Famphur	6.0000	2.4229	59.6	15.0	<-
32 Carbophenothion	3.0000	1.0500	65.0	15.0	<-
31 Triphenyl phosphate	3.0000	1.0793	64.0	15.0	<-
34 Phosmet	3.0000	1.3381	55.4	15.0	<-
32 EPN	3.0000	1.0834	63.9	15.0	<-
33 Azinphos-methyl	3.0000	1.0322	65.6	15.0	<-
38 Azinphos-ethyl	3.0000	1.0390	65.4	15.0	<-
36 Coumaphos	3.0000	1.1700	61.0	15.0	<-

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/007F0701.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

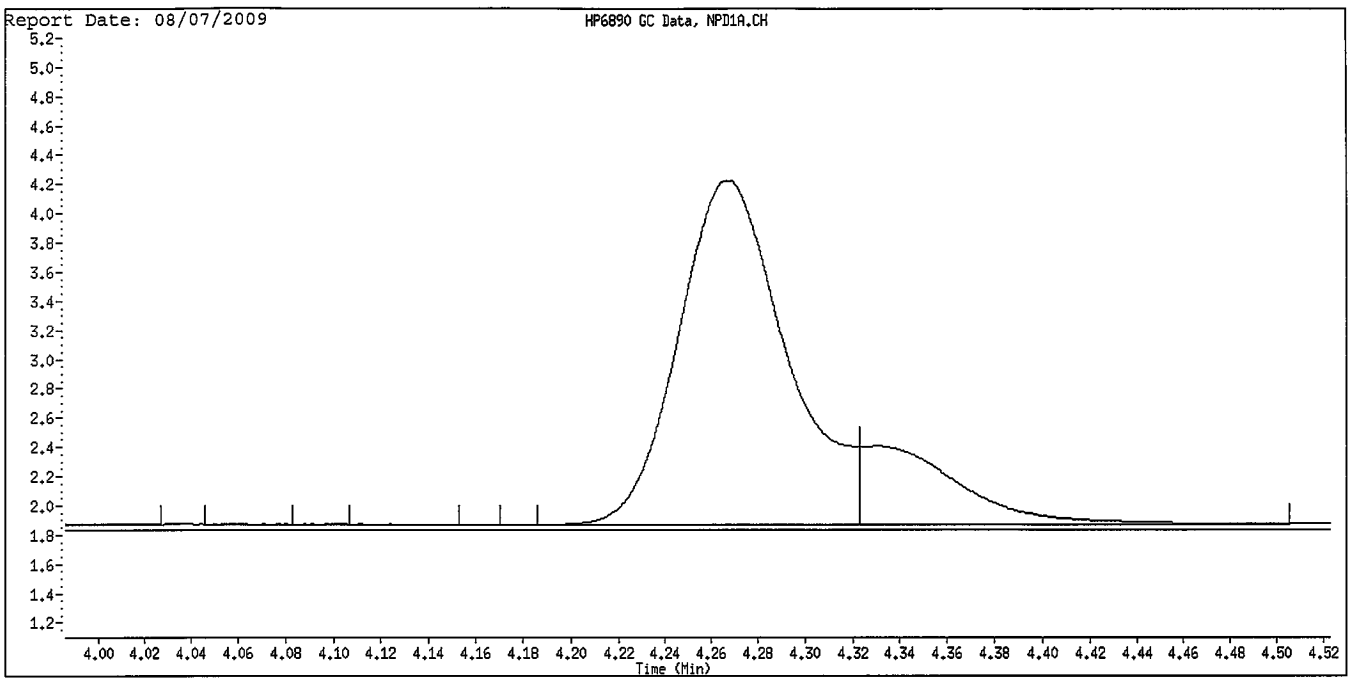
Instrument ID: GC_D.i
Lab File ID: 007F0701.D
Analysis Type: NONE

Injection Date: 06-AUG-2009 17:21
Lab Sample ID: 8141 L3 GSV87309
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

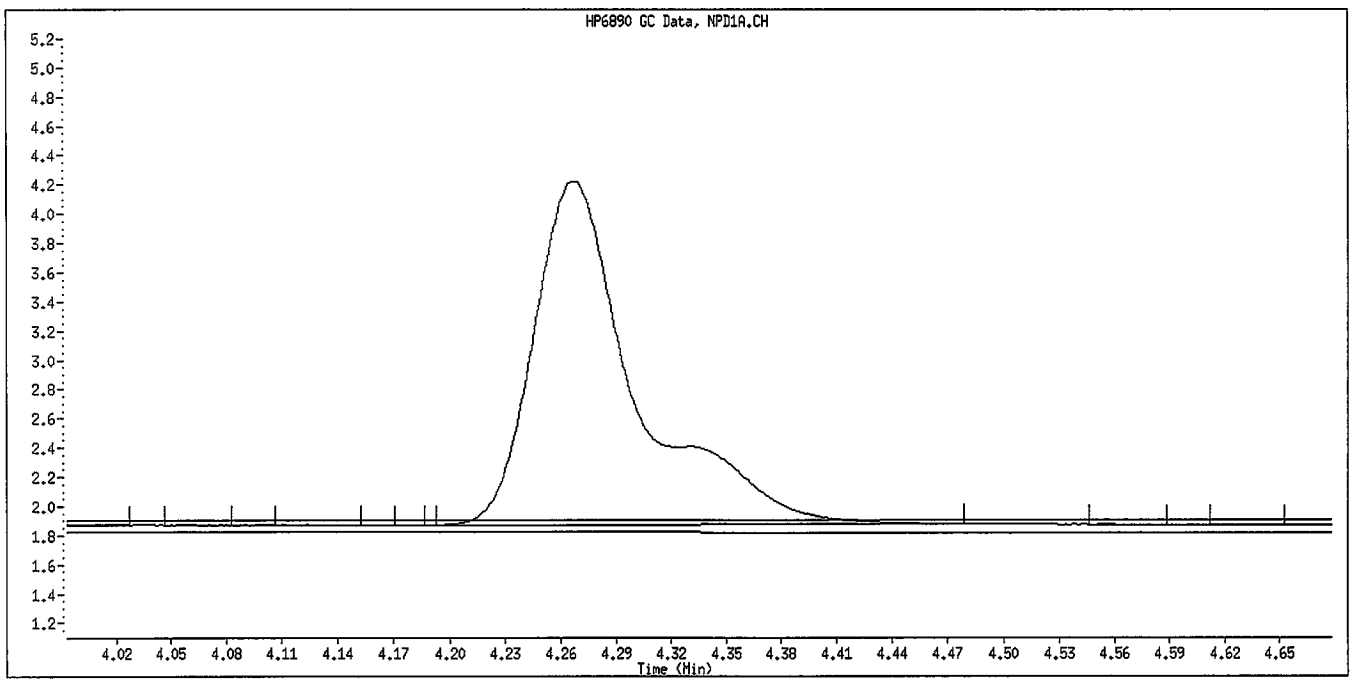
COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
40 Total Demeton	3.0000	1.2058	59.8	15.0	<-
27 Merphos	3.0000	1.0508	65.0	15.0	<-

Average %D = 64.7

Data File Name: 007F0701.D
Inj. Date and Time: 06-AUG-2009 17:21
Instrument ID: GC_D.i
Client ID: 8141 L3 GSV87309
Compound Name: o,o,o-TEPT
CAS #:



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\008F0801.D
Lab Smp Id: 8141 L2 GSV87409 Client Smp ID: 8141 L2 GSV87409
Inj Date : 06-AUG-2009 17:58
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L2 GSV87409
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Meth Date : 07-Aug-2009 13:45 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 17:21 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	4.269	4.267	(0.311)	420455	0.50000	0.4867
	2 Dichlorvos	5.877	5.865	(0.428)	170191	0.50000	0.4895
	3 Mevinphos	9.457	9.407	(0.688)	31592	0.50000	0.5647 (M)
$	4 Chlormefos	9.500	9.502	(0.692)	320391	0.50000	0.5030 (M)
	5 Thionazin	12.635	12.625	(0.920)	194202	0.50000	0.4628
	6 Demeton-O	12.879	12.876	(0.938)	63511	0.16250	0.1466
	7 Ethoprop	13.227	13.205	(0.963)	199533	0.50000	0.5361
	8 Naled	13.501	13.482	(0.983)	41661	0.50000	0.4198
*	9 Tributylphosphate	13.737	13.714	(1.000)	826235	2.00000	
	10 Sulfotepp	14.148	14.143	(1.030)	298517	0.50000	0.4615
	11 Phorate	14.231	14.227	(1.036)	197124	0.50000	0.4628 (M)
	12 Dimethoate	14.585	14.416	(1.062)	59892	0.50000	0.4848 (M)
	13 Demeton-S	14.721	14.682	(1.072)	101878	0.34000	0.3027
	14 Simazine	14.825	14.783	(1.079)	48256	0.50000	0.4620
	15 Atrazine	15.038	14.997	(1.095)	56963	0.50000	0.4745
	16 propazine	15.207	15.178	(1.107)	73519	0.50000	0.4037
	17 Disulfoton	15.877	15.866	(0.586)	167271	0.50000	0.4726
	18 Diazinon	15.946	15.934	(0.589)	248611	0.50000	0.4801
	19 Methyl Parathion	16.864	16.829	(0.623)	137375	0.50000	0.4864
	20 Ronnel	17.474	17.456	(0.645)	149779	0.50000	0.4441
	21 Malathion	18.154	18.134	(0.670)	134273	0.50000	0.4564
	22 Fenthion	18.305	18.284	(0.676)	134570	0.50000	0.4405
	23 Parathion	18.434	18.392	(0.681)	117278	0.50000	0.4936 (M)
	24 Chlorpyrifos	18.462	18.451	(0.682)	265889	0.50000	0.4890 (M)
	25 Trichloronate	18.973	18.958	(0.701)	189950	0.50000	0.4531
	26 Anilazine	19.389	19.345	(0.716)	937	0.50000	0.4274
	27 Merphos-A (Merphos)	19.814	19.804	(0.732)	102703	0.50000	0.4597
	28 Tetrachlorvinphos (Stirophos)	20.572	20.532	(0.760)	86949	0.50000	0.4483
	29 Tokuthion	21.301	21.278	(0.787)	180045	0.50000	0.4515
	30 Merphos-B (Merphos Oxone)	21.559	21.536	(0.796)	78157	0.50000	0.4227
	31 Carbophenothion-methyl	22.303	22.254	(0.824)	99151	0.50000	0.4450
	32 Fensulfothion	22.660	22.465	(0.837)	53776	0.50000	0.4927 (M)
	33 Bolstar / Famphur	23.664	23.627	(0.874)	282731	1.00000	0.9177

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	23.989	23.947	(0.886)	152218	0.50000	0.4718
$	35 Triphenyl phosphate	25.306	25.270	(0.934)	120436	0.50000	0.4696
	36 Phosmet	25.828	25.769	(0.954)	91979	0.50000	0.4436 (M)
	37 EPN	26.119	26.097	(0.964)	166326	0.50000	0.5011
	38 Azinphos-methyl	26.630	26.584	(0.983)	73949	0.50000	0.4321 (M)
*	39 TOCP	27.083	27.076	(1.000)	587714	2.00000	
	40 Azinphos-ethyl	27.199	27.172	(1.004)	136716	0.50000	0.4476
	41 Coumaphos	27.732	27.694	(1.024)	95853	0.50000	0.4391
M	42 Total Demeton				165389	0.50000	0.4493
M	43 Merphos				180860	0.50000	0.4659

QC Flag Legend

M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D.i
Lab File ID: 008F0801.D
Lab Smp Id: 8141 L2 GSV87409
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Misc Info:

Calibration Date: 07-AUG-2009
Calibration Time: 06:42
Client Smp ID: 8141 L2 GSV8740
Level:
Sample Type:

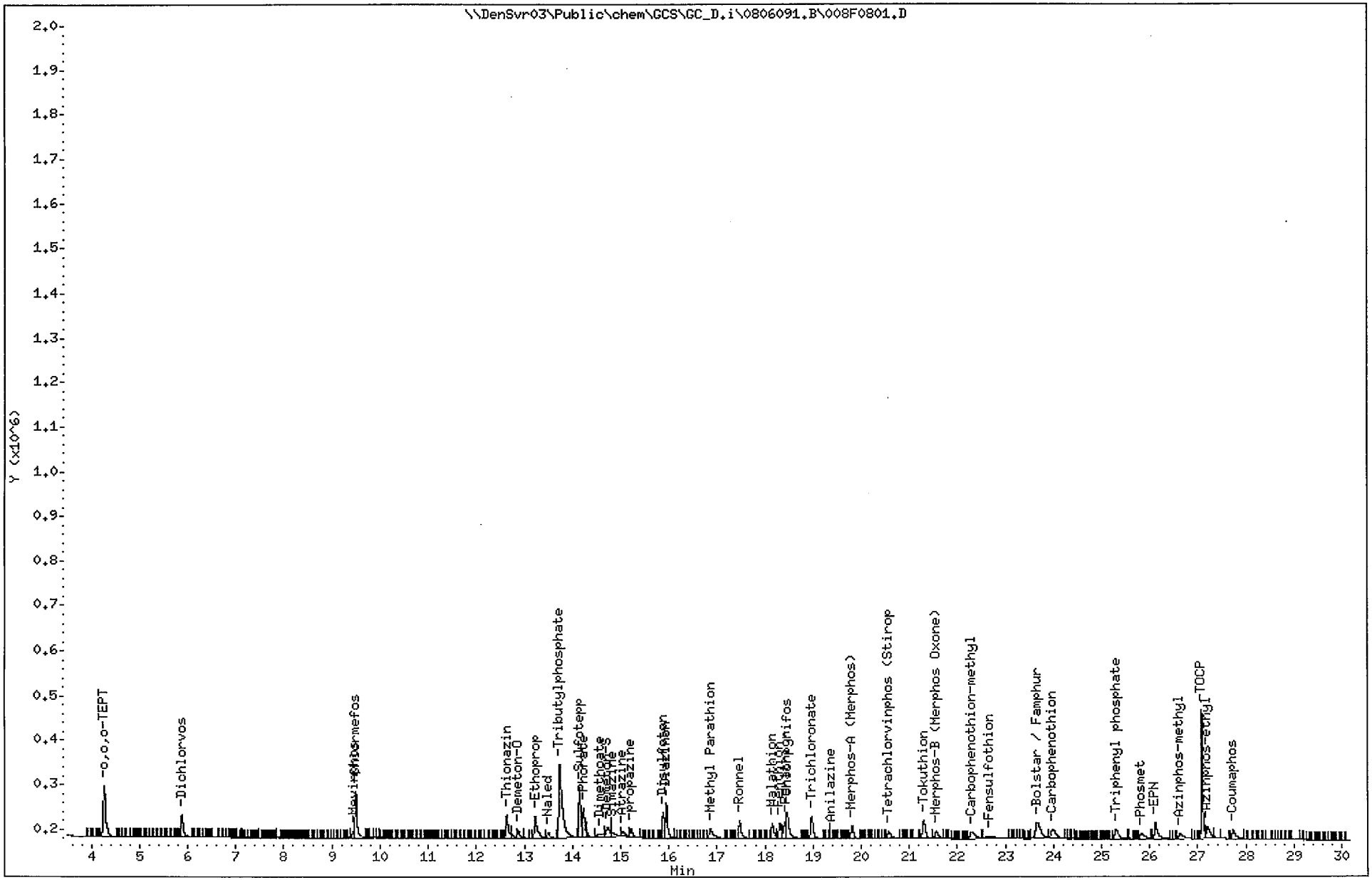
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	1034306	517153	2068612	826235	-20.12
39 TOCP	695324	347662	1390648	587714	-15.48

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.70	13.20	14.20	13.74	0.28
39 TOCP	27.08	26.58	27.58	27.08	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.

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\008F0801.D
Date : 06-AUG-2009 17:58
Client ID: 8141 L2 GSV87409
Sample Info: 8141 L2 GSV87409

Instrument: GC_D.i
Operator: MPK/TLW
Column phase: RTx-1MS
Column diameter: 0.32



Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/008F0801.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 008F0801.D
Analysis Type: NONE

Injection Date: 06-AUG-2009 17:58
Lab Sample ID: 8141 L2 GSV87409
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	3.0000	0.5224	82.6	15.0	<-
2	Dichlorvos	3.0000	0.4895	83.7	15.0	<-
3	Mevinphos	3.0000	0.4029	86.6	15.0	<-
4	Chlormefos	3.0000	0.5031	83.2	15.0	<-
5	Thionazin	3.0000	0.4628	84.6	15.0	<-
6	Demeton-O	0.9750	0.1544	84.2	15.0	<-
7	Ethoprop	3.0000	0.5361	82.1	15.0	<-
8	Naled	3.0000	0.3978	86.7	15.0	<-
9	Sulfotepp	3.0000	0.4615	84.6	15.0	<-
10	Phorate	3.0000	0.3876	87.1	15.0	<-
11	Dimethoate	3.0000	0.4615	84.6	15.0	<-
12	Demeton-S	2.0400	0.3345	83.6	15.0	<-
13	Simazine	3.0000	0.4714	84.3	15.0	<-
14	Atrazine	3.0000	0.4306	85.6	15.0	<-
15	propazine	3.0000	0.4543	84.9	15.0	<-
17	Disulfoton	3.0000	0.4683	84.4	15.0	<-
16	Diazinon	3.0000	0.5148	82.8	15.0	<-
18	Methyl Parathion	3.0000	0.5302	82.3	15.0	<-
19	Ronnel	3.0000	0.4635	84.6	15.0	<-
20	Malathion	3.0000	0.4564	84.8	15.0	<-
21	Fenthion	3.0000	0.4405	85.3	15.0	<-
22	Parathion	3.0000	0.4936	83.5	15.0	<-
23	Chlorpyrifos	3.0000	0.4548	84.8	15.0	<-
24	Trichloronate	3.0000	0.4588	84.7	15.0	<-
25	Anilazine	3.0000	0.3635	87.9	15.0	<-
148	Merphos-A (Merphos)	3.0000	0.4768	84.1	999.0	
26	Tetrachlorvinphos (Stirophos)	3.0000	0.5256	82.5	15.0	<-
28	Tokuthion	3.0000	0.4515	84.9	15.0	<-
149	Merphos-B (Merphos Oxone)	3.0000	0.5592	81.4	999.0	
29	Carbophenothion-methyl	3.0000	0.5189	82.7	15.0	<-
29	Fensulfothion	3.0000	0.4752	84.2	15.0	<-
30	Bolstar / Famphur	6.0000	0.9830	83.6	15.0	<-
32	Carbophenothion	3.0000	0.4707	84.3	15.0	<-
31	Triphenyl phosphate	3.0000	0.4696	84.3	15.0	<-
34	Phosmet	3.0000	0.4280	85.7	15.0	<-
32	EPN	3.0000	0.5011	83.3	15.0	<-
33	Azinphos-methyl	3.0000	0.4583	84.7	15.0	<-
38	Azinphos-ethyl	3.0000	0.4369	85.4	15.0	<-
36	Coumaphos	3.0000	0.4554	84.8	15.0	<-

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/008F0801.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

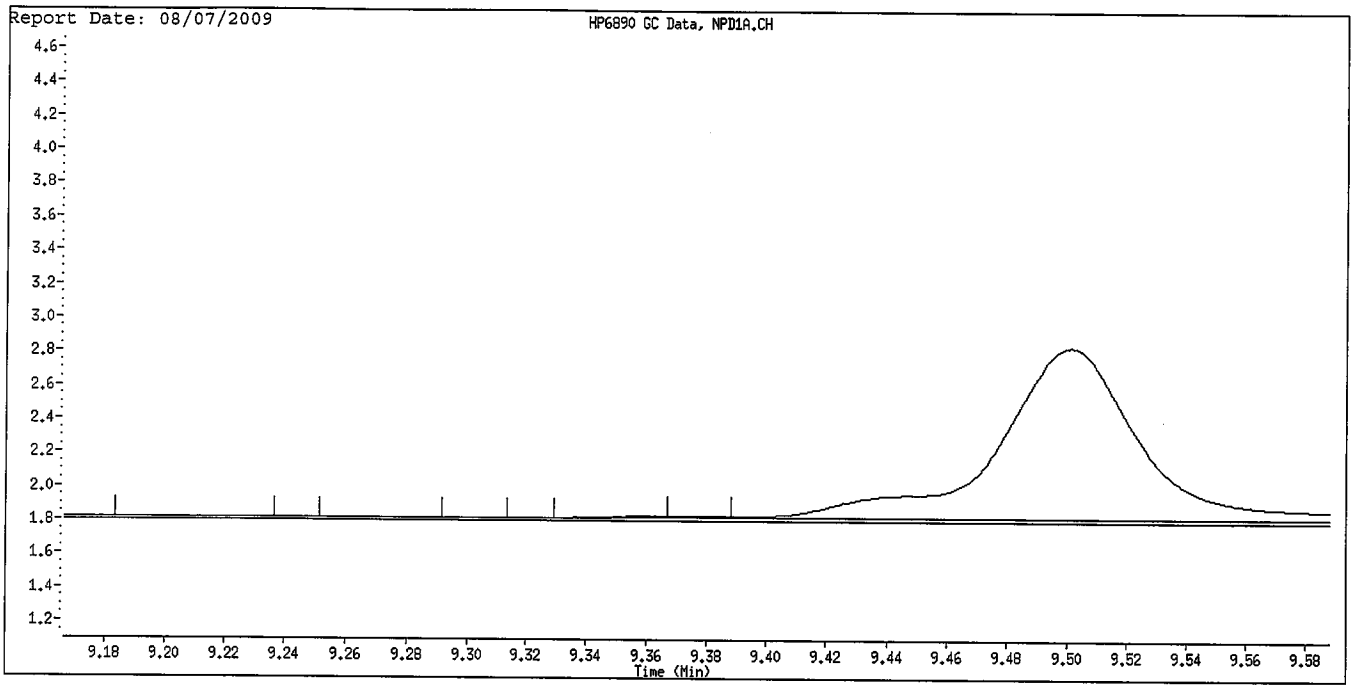
Instrument ID: GC_D.i
Lab File ID: 008F0801.D
Analysis Type: NONE

Injection Date: 06-AUG-2009 17:58
Lab Sample ID: 8141 L2 GSV87409
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

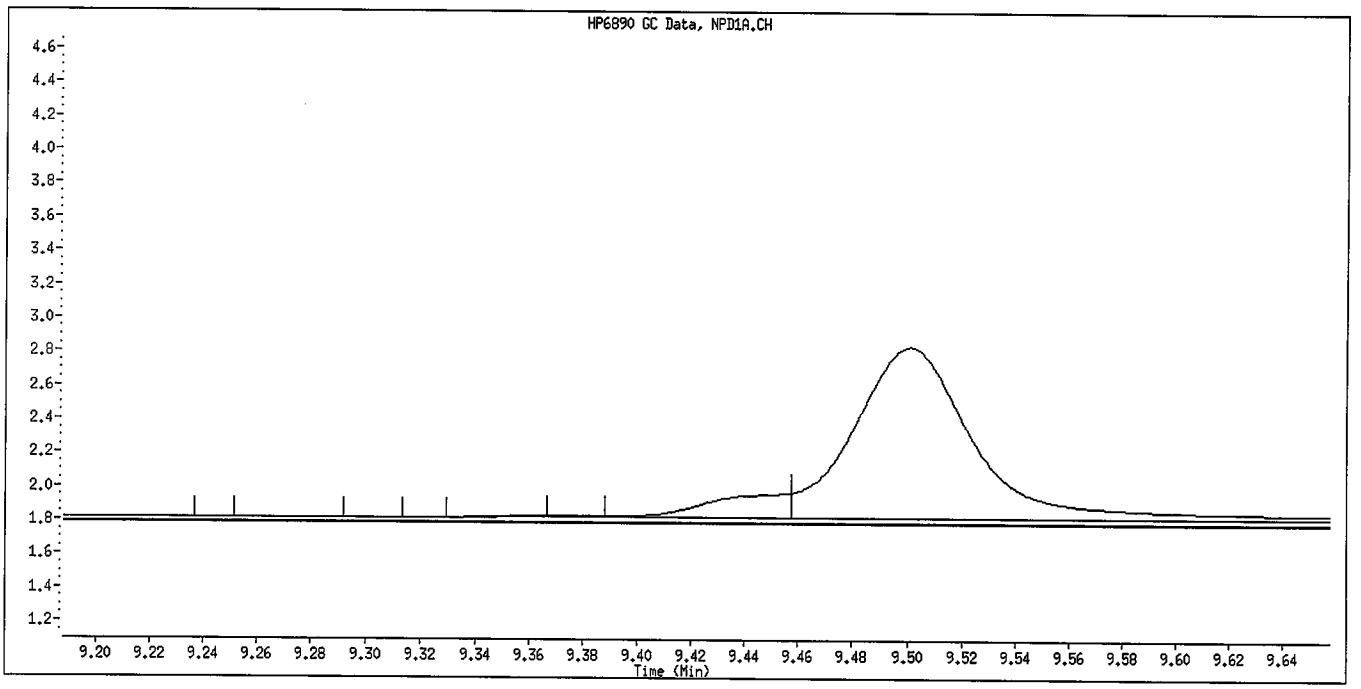
COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
40 Total Demeton	3.0000	0.4889	83.7	15.0	<-
27 Merphos	3.0000	0.4704	84.3	15.0	<-

Average %D = 84.3

Data File Name: 008F0801.D
Inj. Date and Time: 06-AUG-2009 17:58
Instrument ID: GC_D.i
Client ID: 8141 L2 GSV87409
Compound Name: Mevinphos
CAS #:



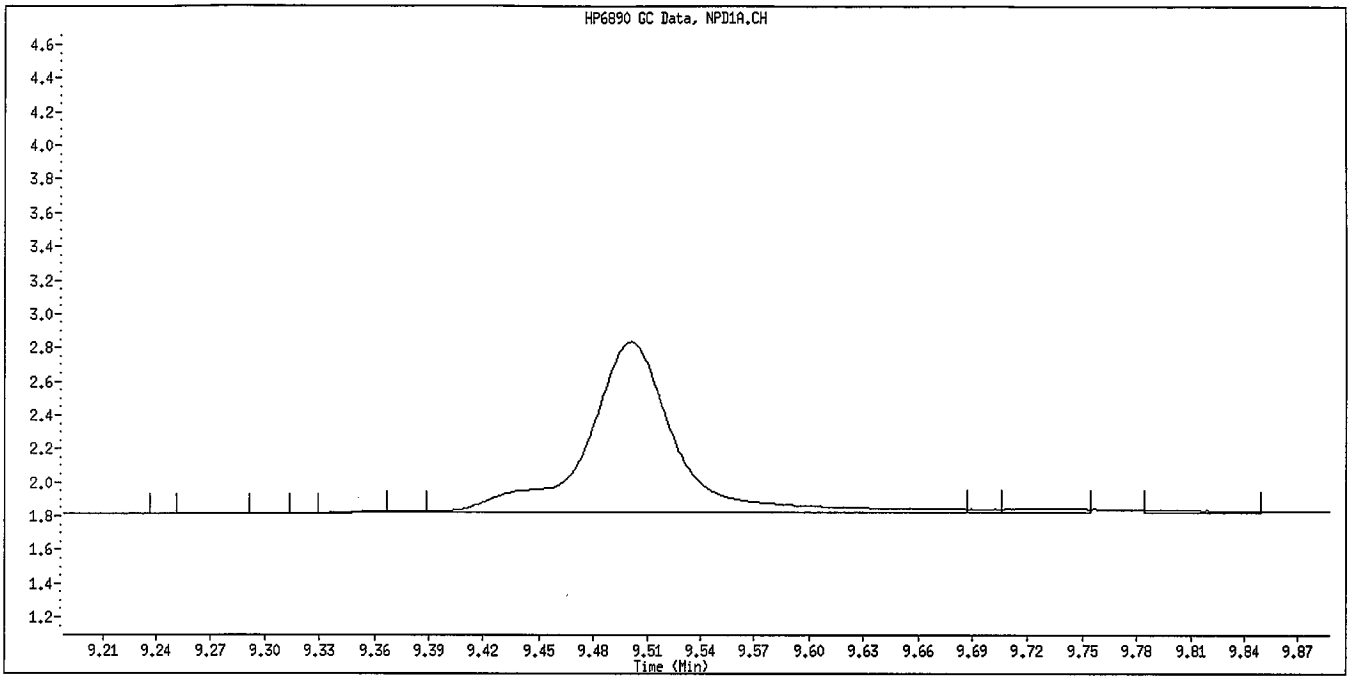
Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 008F0801.D
Inj. Date and Time: 06-AUG-2009 17:58
Instrument ID: GC_D.i
Client ID: 8141 L2 GSV87409
Compound Name: Chlormefos
CAS #: 24934-91-6
Report Date: 08/07/2009



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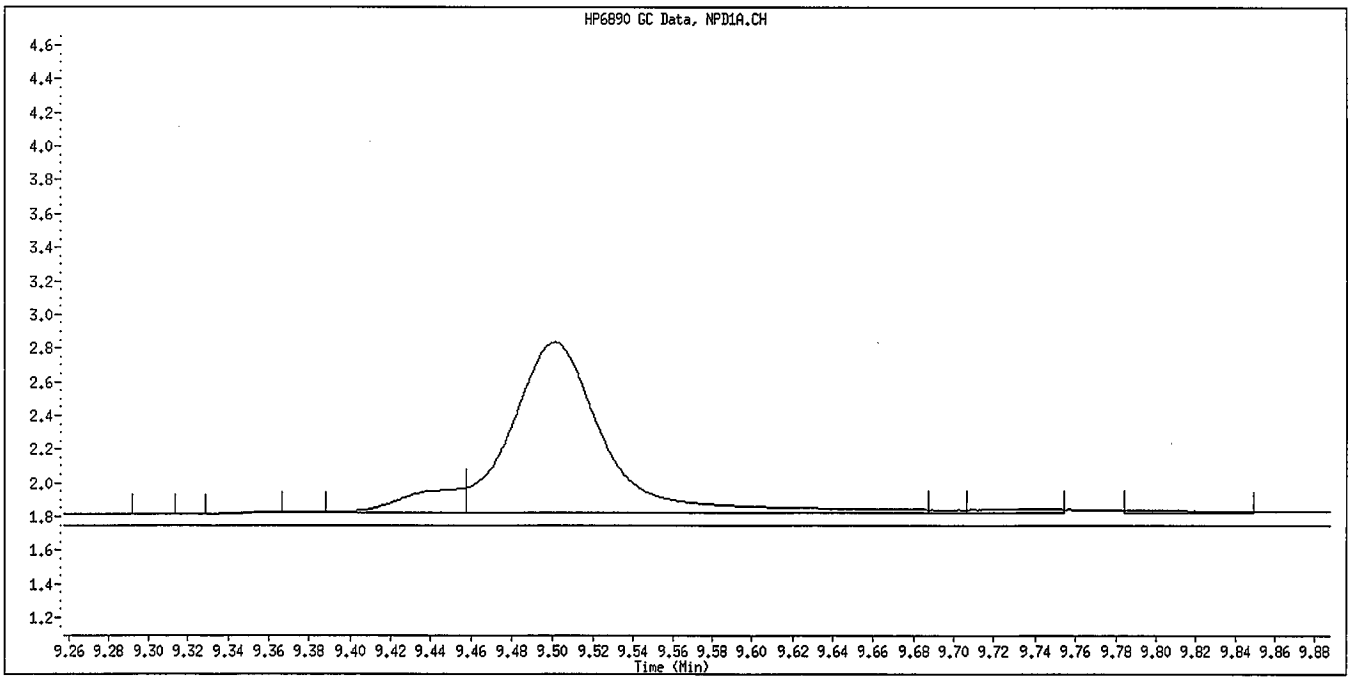
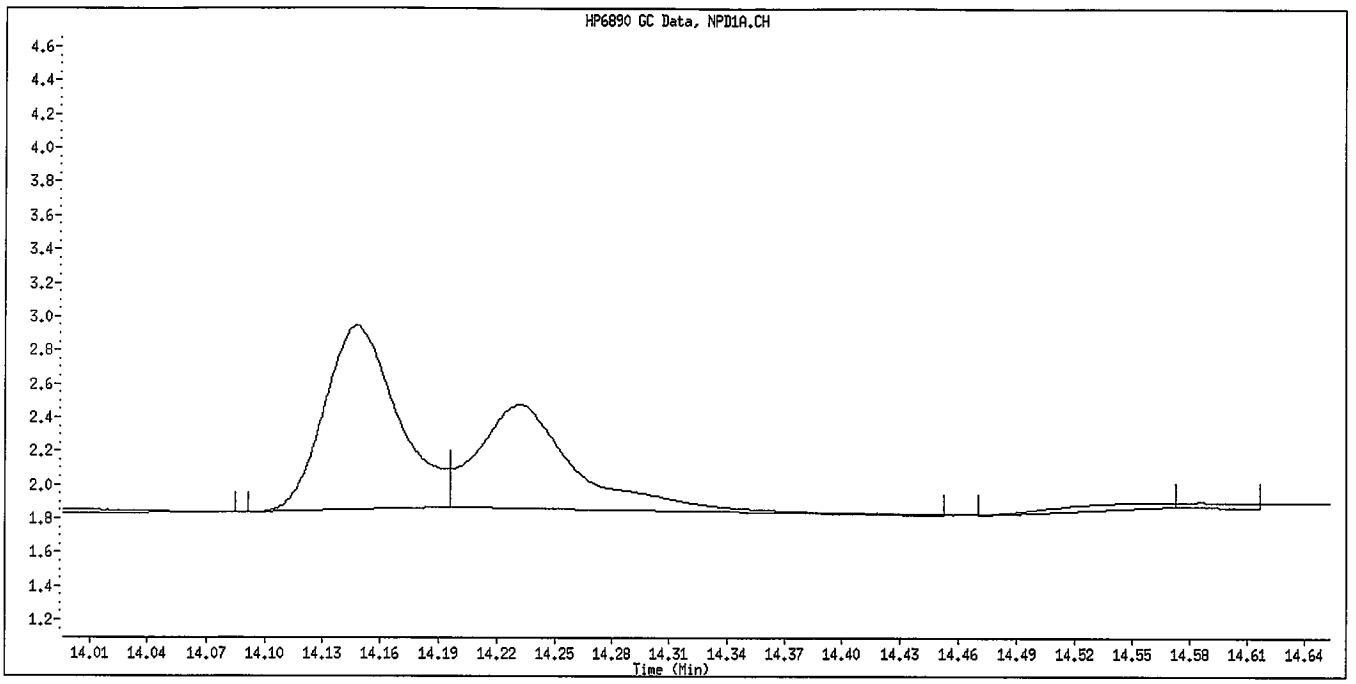


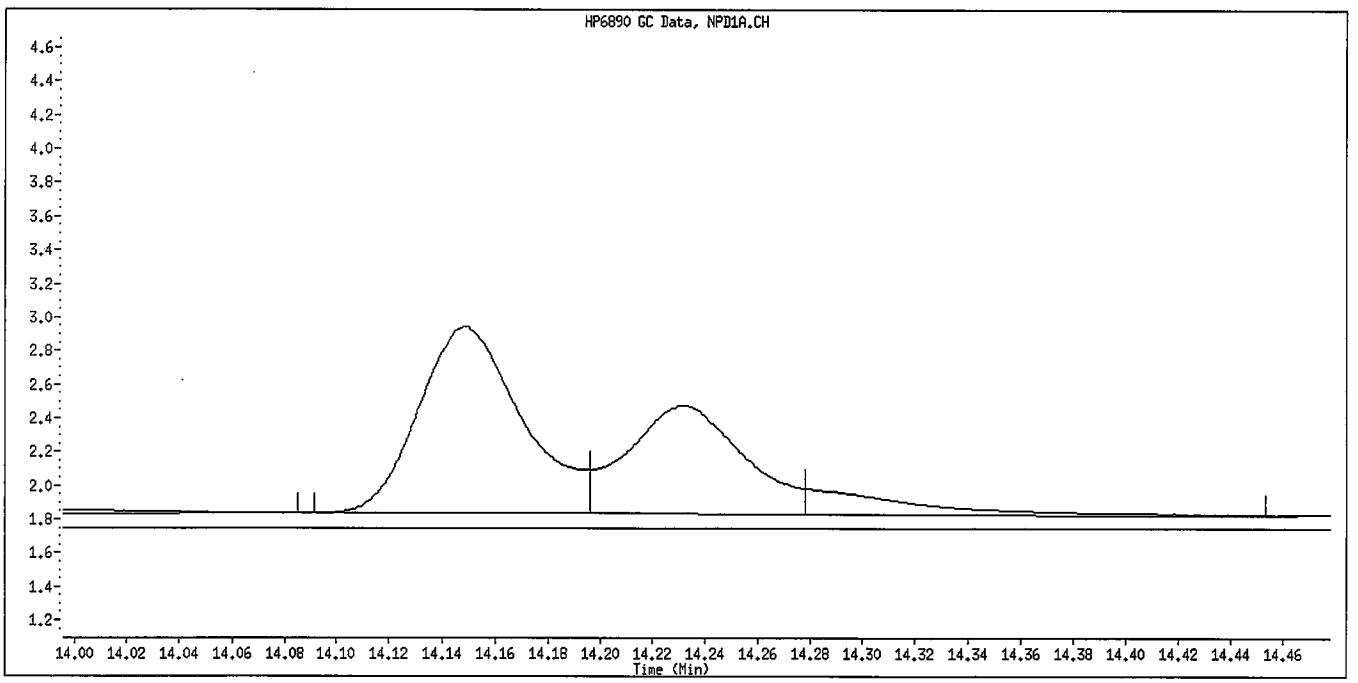
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 008F0801.D
Inj. Date and Time: 06-AUG-2009 17:58
Instrument ID: GC_D.i
Client ID: 8141 L2 GSV87409
Compound Name: Phorate
CAS #: 298-02-2
Report Date: 08/07/2009



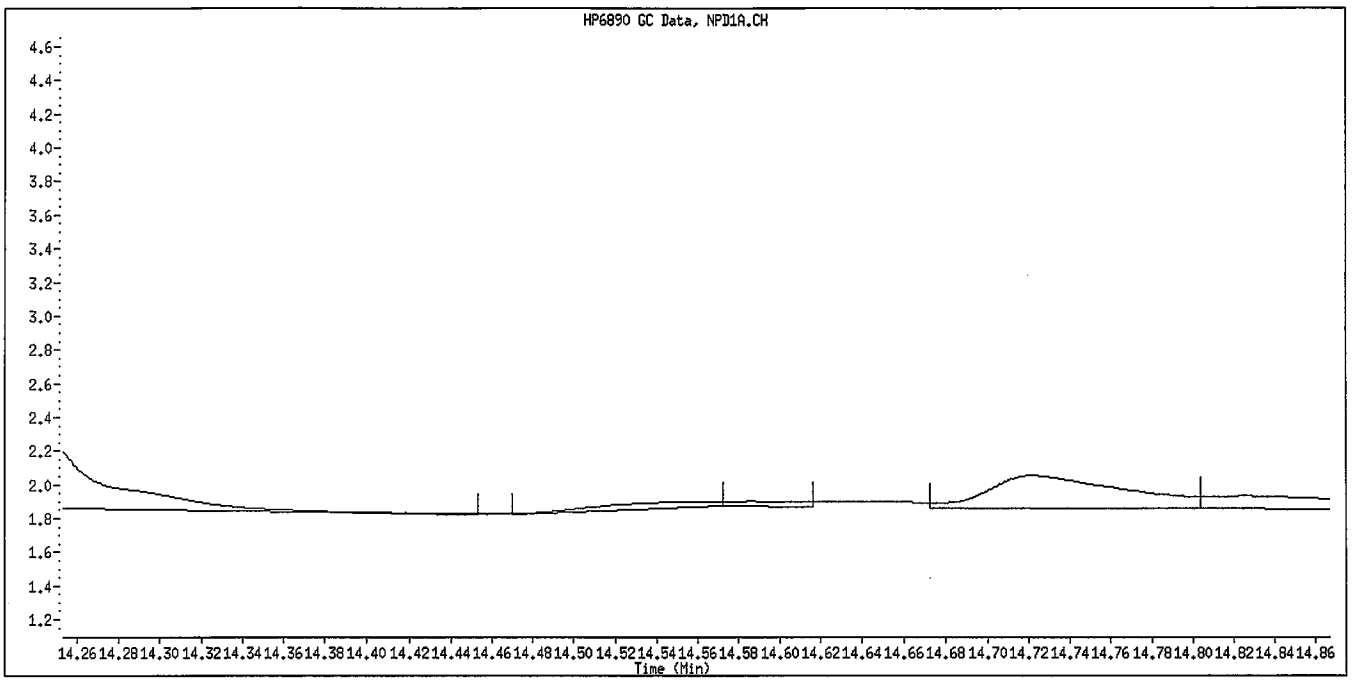
Original Integration



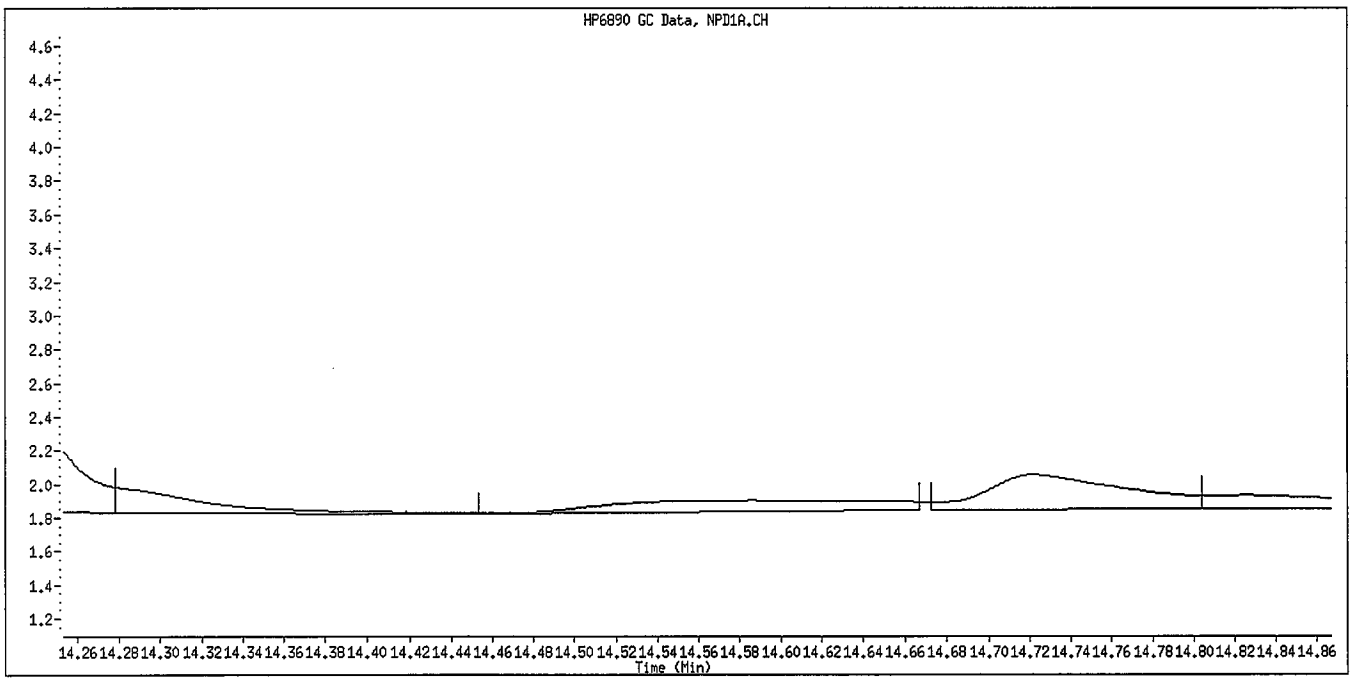
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 008F0801.D
Inj. Date and Time: 06-AUG-2009 17:58
Instrument ID: GC_D.i
Client ID: 8141 L2 GSV87409
Compound Name: Dimethoate
CAS #:
Report Date: 08/07/2009



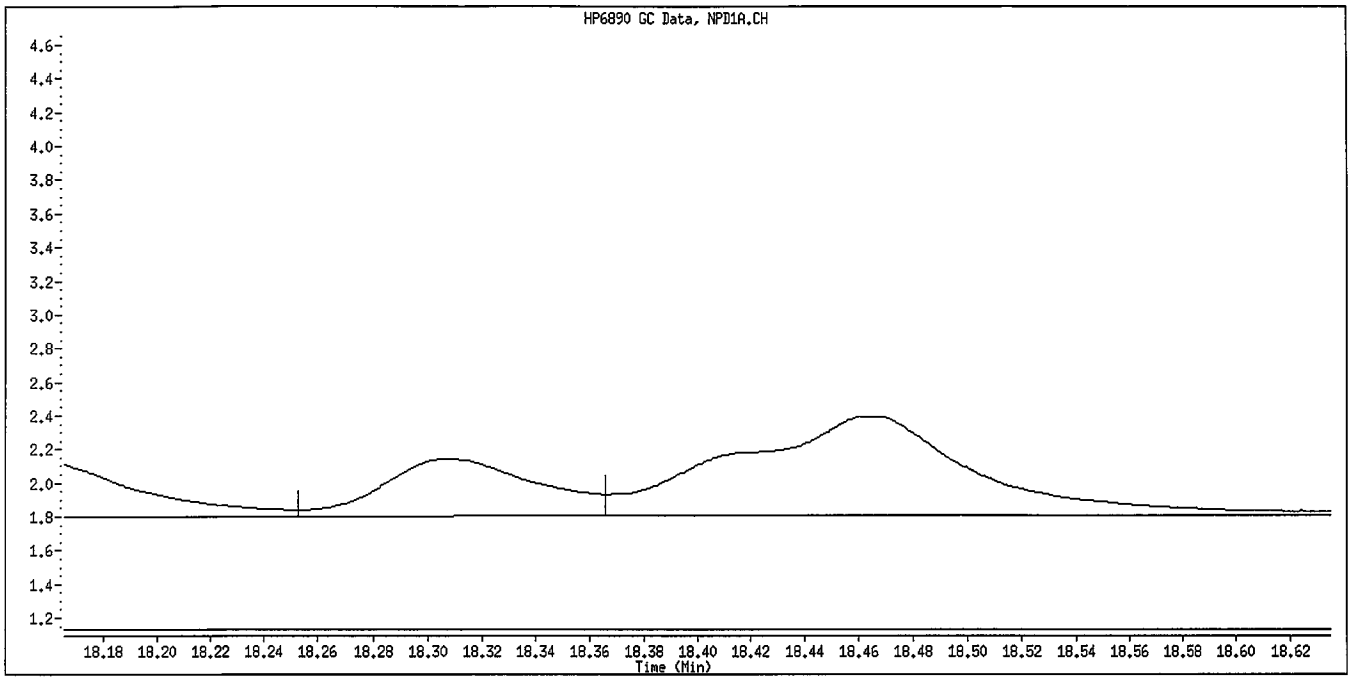
Original Integration



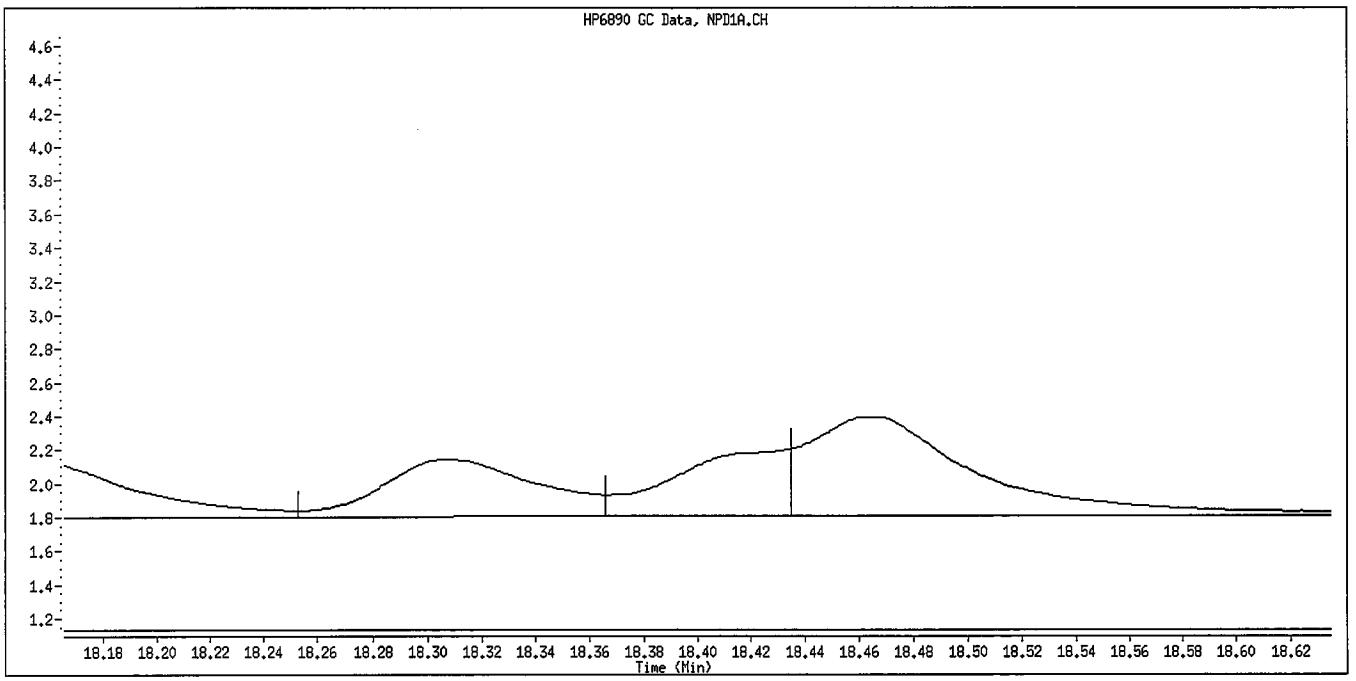
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 008F0801.D
Inj. Date and Time: 06-AUG-2009 17:58
Instrument ID: GC_D.i
Client ID: 8141 L2 GSV87409
Compound Name: Parathion
CAS #:
Report Date: 08/07/2009



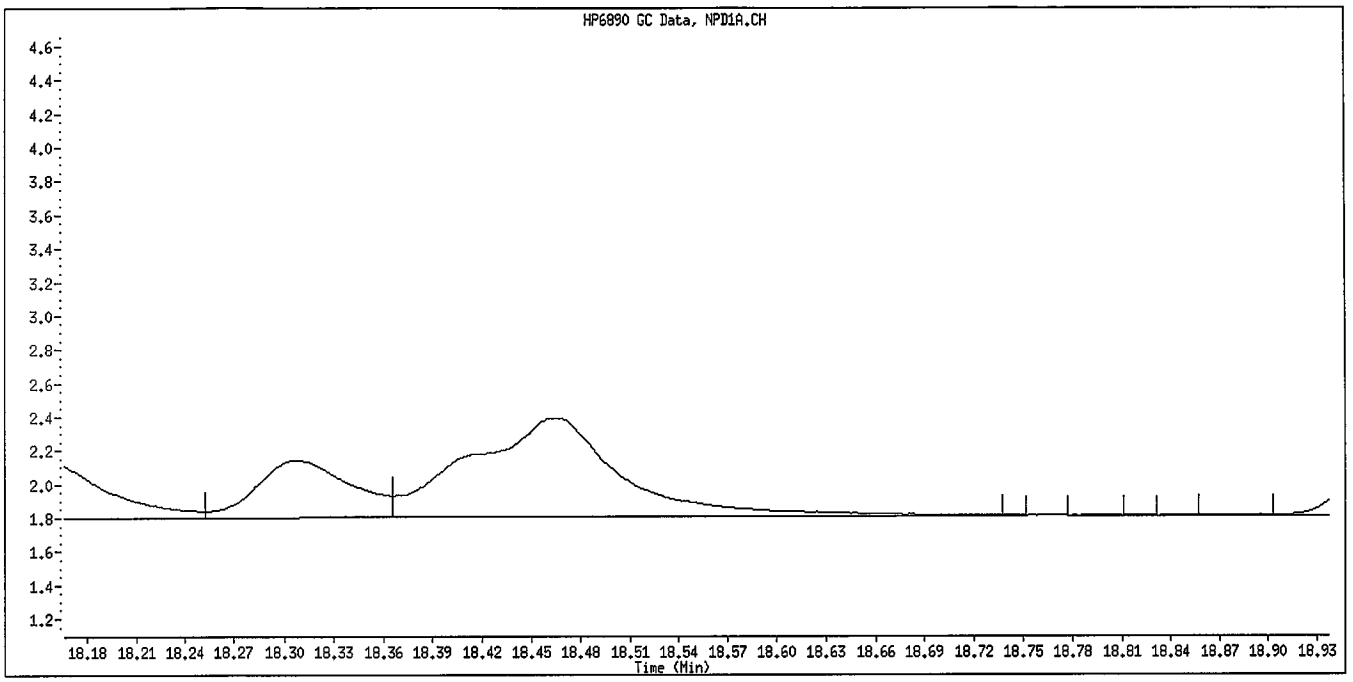
Original Integration



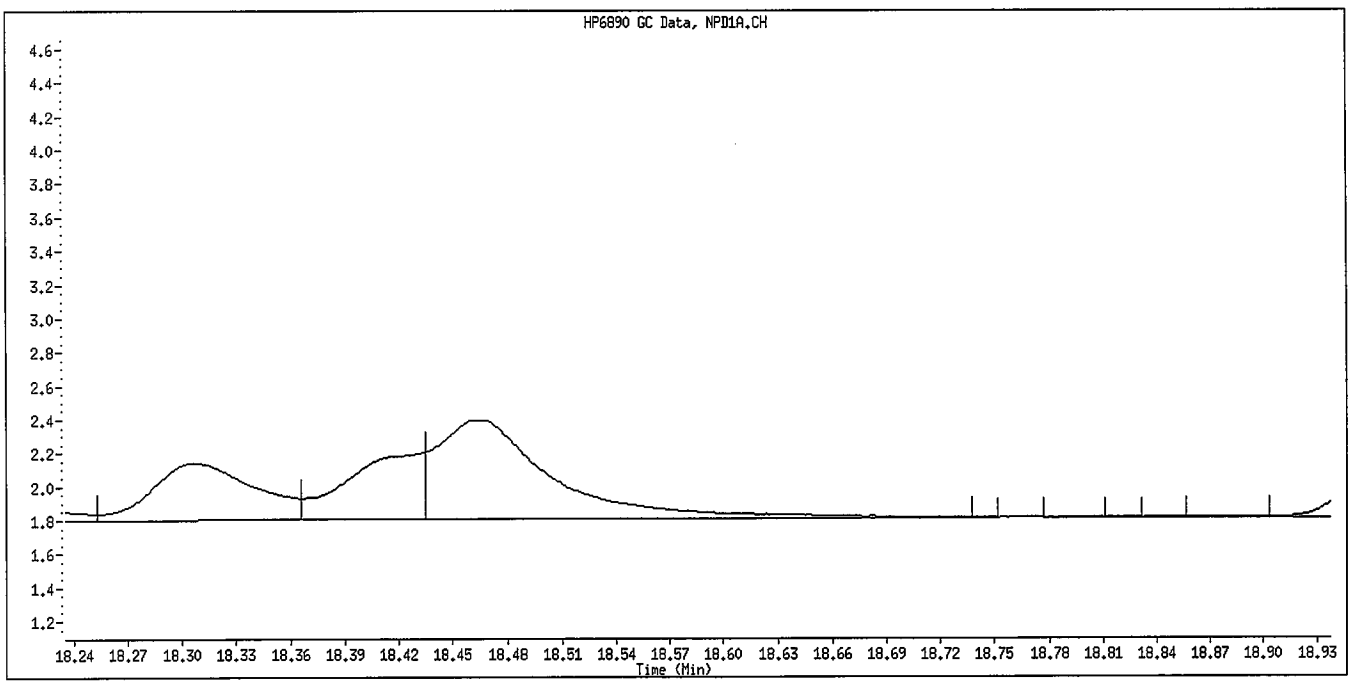
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 008F0801.D
Inj. Date and Time: 06-AUG-2009 17:58
Instrument ID: GC_D.i
Client ID: 8141 L2 GSV87409
Compound Name: Chlorpyrifos
CAS #:
Report Date: 08/07/2009



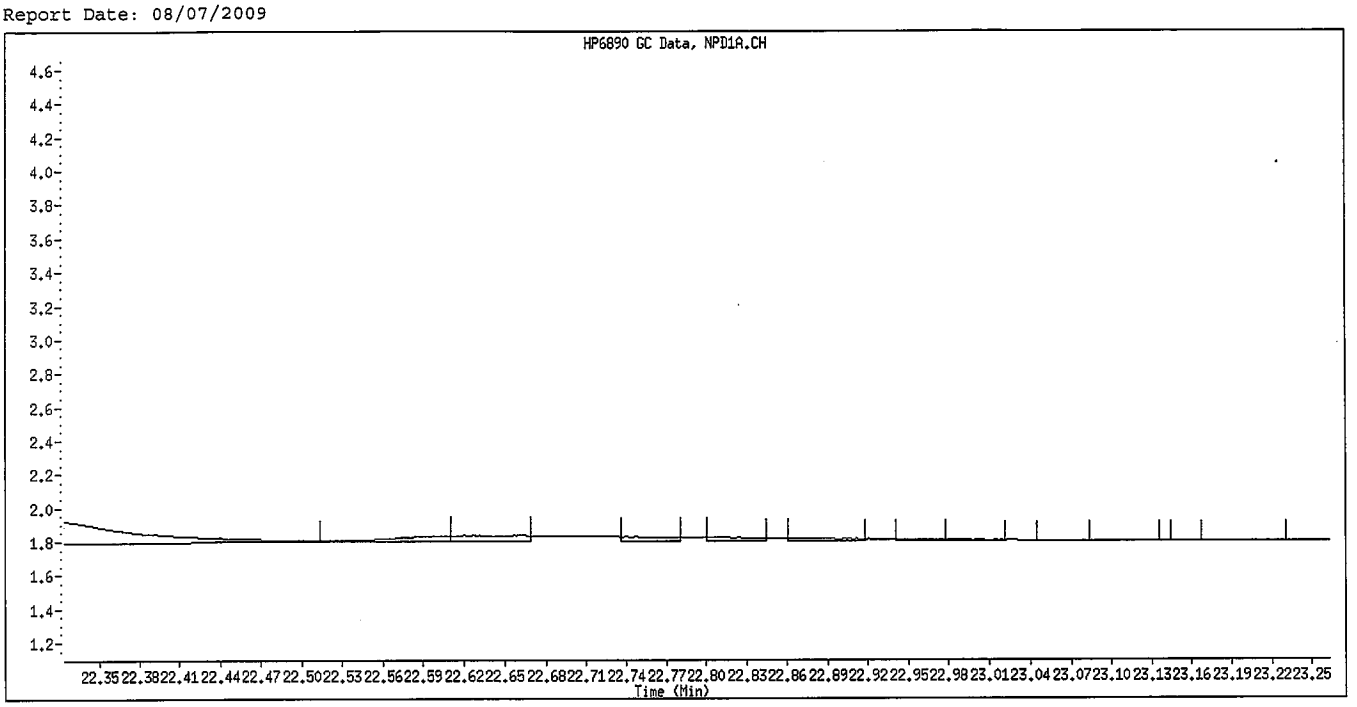
Original Integration



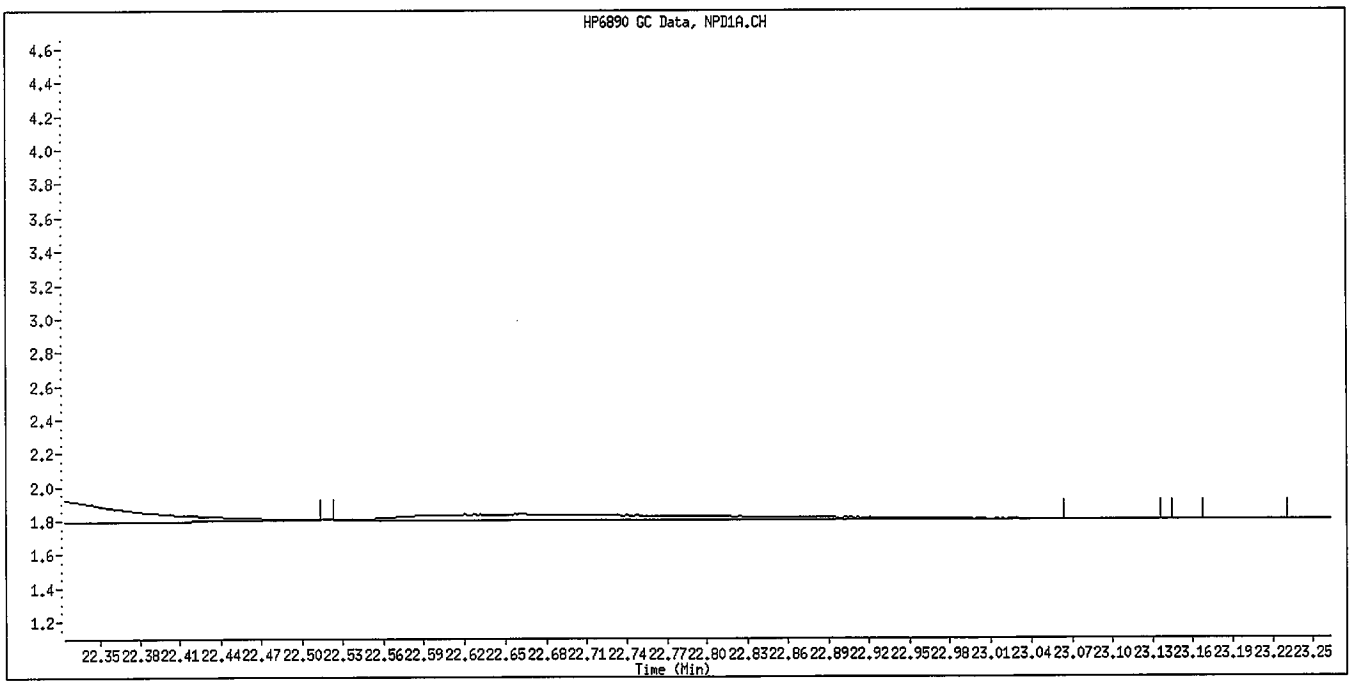
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 008F0801.D
Inj. Date and Time: 06-AUG-2009 17:58
Instrument ID: GC_D.i
Client ID: 8141 L2 GSV87409
Compound Name: Fensulfothion
CAS #:
Report Date: 08/07/2009



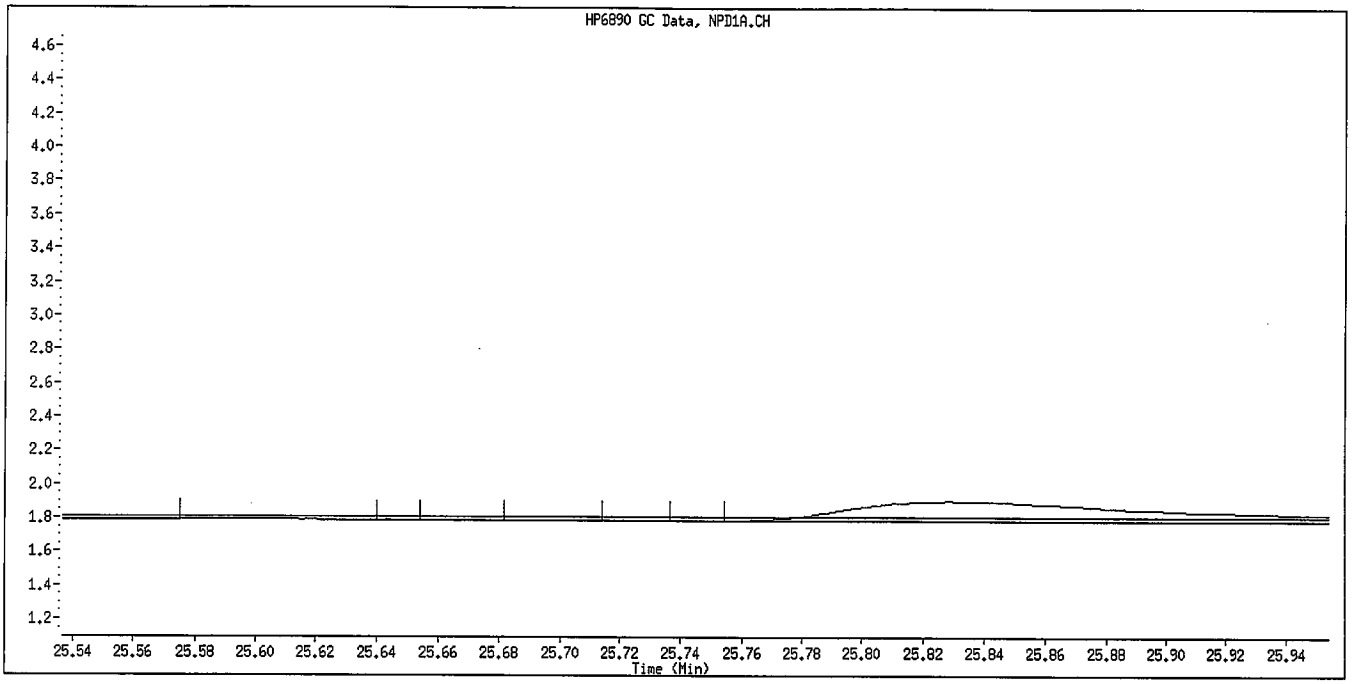
Original Integration



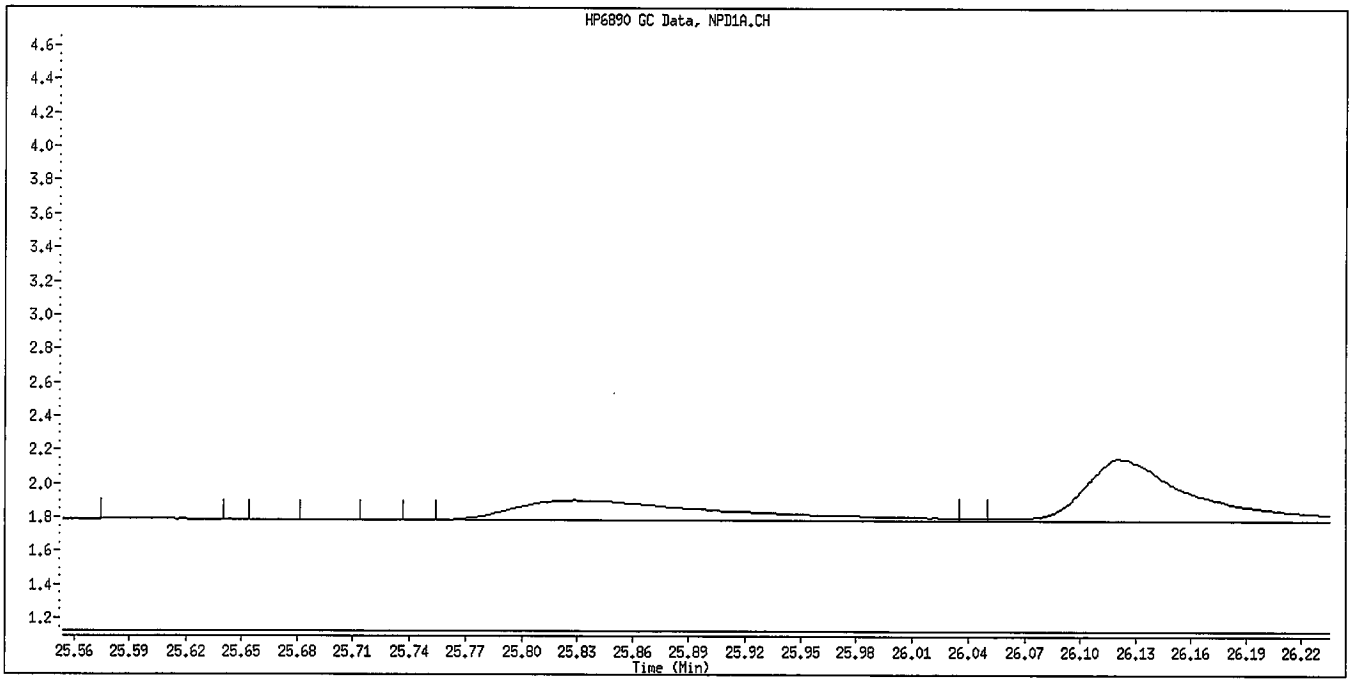
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 008F0801.D
Inj. Date and Time: 06-AUG-2009 17:58
Instrument ID: GC_D.i
Client ID: 8141 L2 GSV87409
Compound Name: Phosmet
CAS #:
Report Date: 08/07/2009



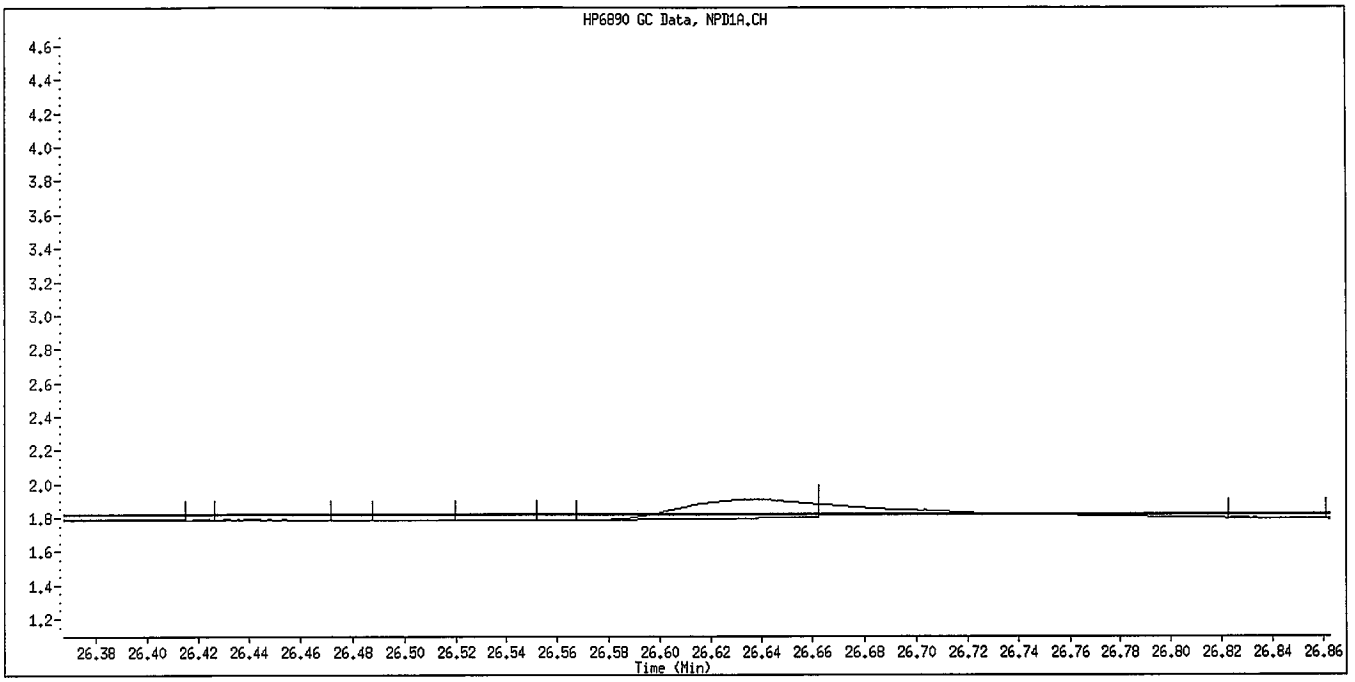
Original Integration



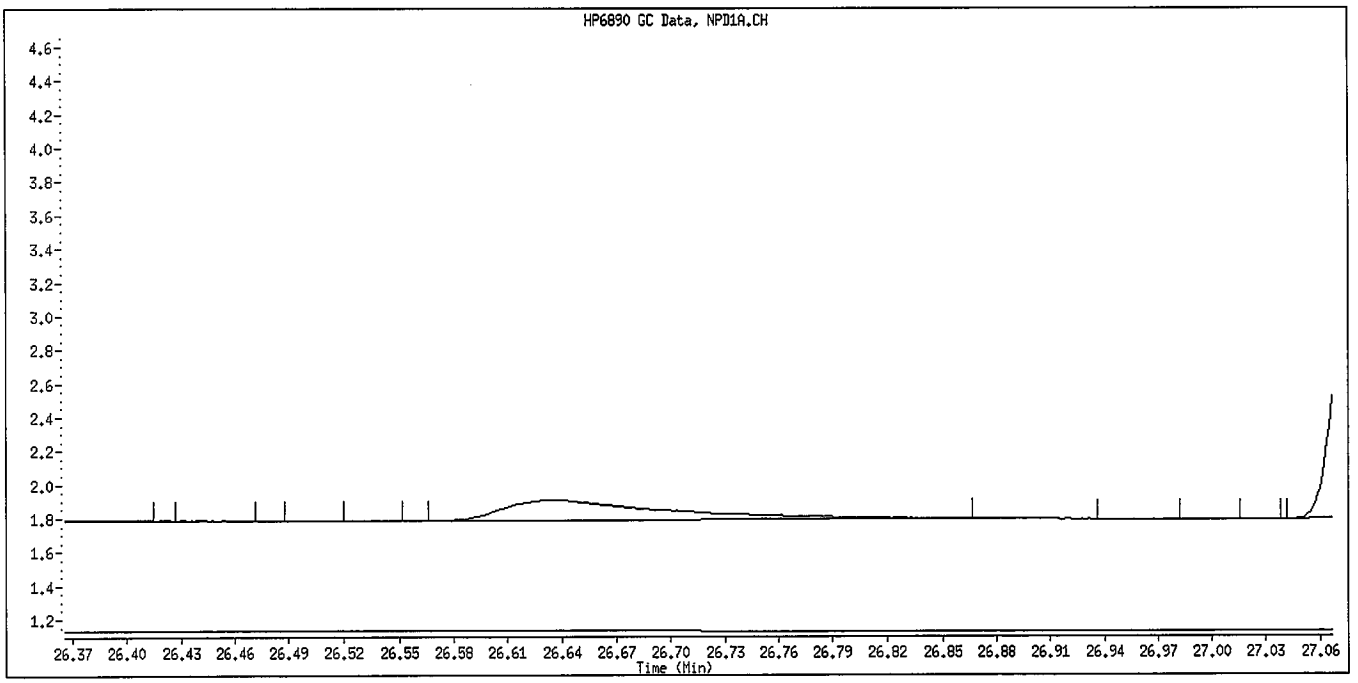
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 008F0801.D
Inj. Date and Time: 06-AUG-2009 17:58
Instrument ID: GC_D.i
Client ID: 8141 L2 GSV87409
Compound Name: Azinphos-methyl
CAS #:
Report Date: 08/07/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\009F0901.D
Lab Smp Id: 8141 L1 GSV87509 Client Smp ID: 8141 L1 GSV87509
Inj Date : 06-AUG-2009 18:34
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L1 GSV87509
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Meth Date : 07-Aug-2009 13:45 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 17:58 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	4.270	4.267	(0.311)	182432	0.20000	0.2229
	2 Dichlorvos	5.885	5.865	(0.428)	67759	0.20000	0.2109
	3 Mevinphos	9.401	9.407	(0.684)	91	0.20000	0.4022
$	4 Chlormefos	9.501	9.502	(0.691)	130407	0.20000	0.2216
	5 Thionazin	12.642	12.625	(0.919)	61338	0.20000	0.2027
	6 Demeton-O	12.879	12.876	(0.937)	30299	0.06500	0.06629
	7 Ethoprop	13.241	13.205	(0.963)	42588	0.20000	0.1917
	8 Naled	13.512	13.482	(0.983)	9478	0.20000	0.2341
*	9 Tributylphosphate	13.749	13.714	(1.000)	763264	2.00000	
	10 Sulfotepp	14.151	14.143	(1.029)	119283	0.20000	0.1996
	11 Phorate	14.230	14.227	(1.035)	86740	0.20000	0.2204(M)
	12 Dimethoate	Compound Not Detected.					
	13 Demeton-S	14.678	14.682	(1.068)	421	0.13600	0.01740
	14 Simazine	14.839	14.783	(1.079)	4949	0.20000	0.2397
	15 Atrazine	15.066	14.997	(1.096)	12533	0.20000	0.2594
	16 propazine	Compound Not Detected.					
	17 Disulfoton	15.894	15.866	(0.587)	48155	0.20000	0.2016
	18 Diazinon	15.954	15.934	(0.589)	122906	0.20000	0.2010
	19 Methyl Parathion	16.903	16.829	(0.624)	40155	0.20000	0.2010(M)
	20 Ronnel	17.489	17.456	(0.646)	57362	0.20000	0.1804
	21 Malathion	18.182	18.134	(0.671)	47746	0.20000	0.1722
	22 Fenthion	18.329	18.284	(0.677)	49230	0.20000	0.2075
	23 Parathion	Compound Not Detected.					
	24 Chlorpyrifos	18.476	18.451	(0.682)	166108	0.20000	0.2504
	25 Trichloronate	18.987	18.958	(0.701)	81341	0.20000	0.2058
	26 Anilazine	19.337	19.345	(0.714)	413	0.20000	0.4143
	27 Merphos-A (Merphos)	19.827	19.804	(0.732)	27686	0.20000	0.2057
	28 Tetrachlorvinphos (Stirophos)	20.614	20.532	(0.761)	27000	0.20000	0.2084(M)
	29 Tokuthion	21.318	21.278	(0.787)	76330	0.20000	0.2031
	30 Merphos-B (Merphos Oxone)	21.581	21.536	(0.797)	49732	0.20000	0.2966
	31 Carbophenothion-methyl	22.342	22.254	(0.825)	29119	0.20000	0.2073(M)
	32 Fensulfothion	Compound Not Detected.					
	33 Bolstar / Famphur	23.694	23.627	(0.875)	97513	0.40000	0.4083(M)

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	24.017	23.947	(0.887)	59933	0.20000	0.1971(M)
$	35 Triphenyl phosphate	25.327	25.270	(0.935)	41538	0.20000	0.1718
	36 Phosmet	25.860	25.769	(0.955)	25548	0.20000	0.2071(M)
	37 EPN	26.132	26.097	(0.965)	58024	0.20000	0.1855
	38 Azinphos-methyl	26.645	26.584	(0.984)	25233	0.20000	0.2530(M)
*	39 TOCP	27.086	27.076	(1.000)	553974	2.00000	
	40 Azinphos-ethyl	27.219	27.172	(1.005)	66517	0.20000	0.2310
	41 Coumaphos	27.740	27.694	(1.024)	33445	0.20000	0.2085(M)
M	42 Total Demeton				30720	0.20000	0.08369
M	43 Merphos				77418	0.20000	0.2116

QC Flag Legend

M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D.i
Lab File ID: 009F0901.D
Lab Smp Id: 8141 L1 GSV87509
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Misc Info:

Calibration Date: 07-AUG-2009
Calibration Time: 06:42
Client Smp ID: 8141 L1 GSV8750
Level:
Sample Type:

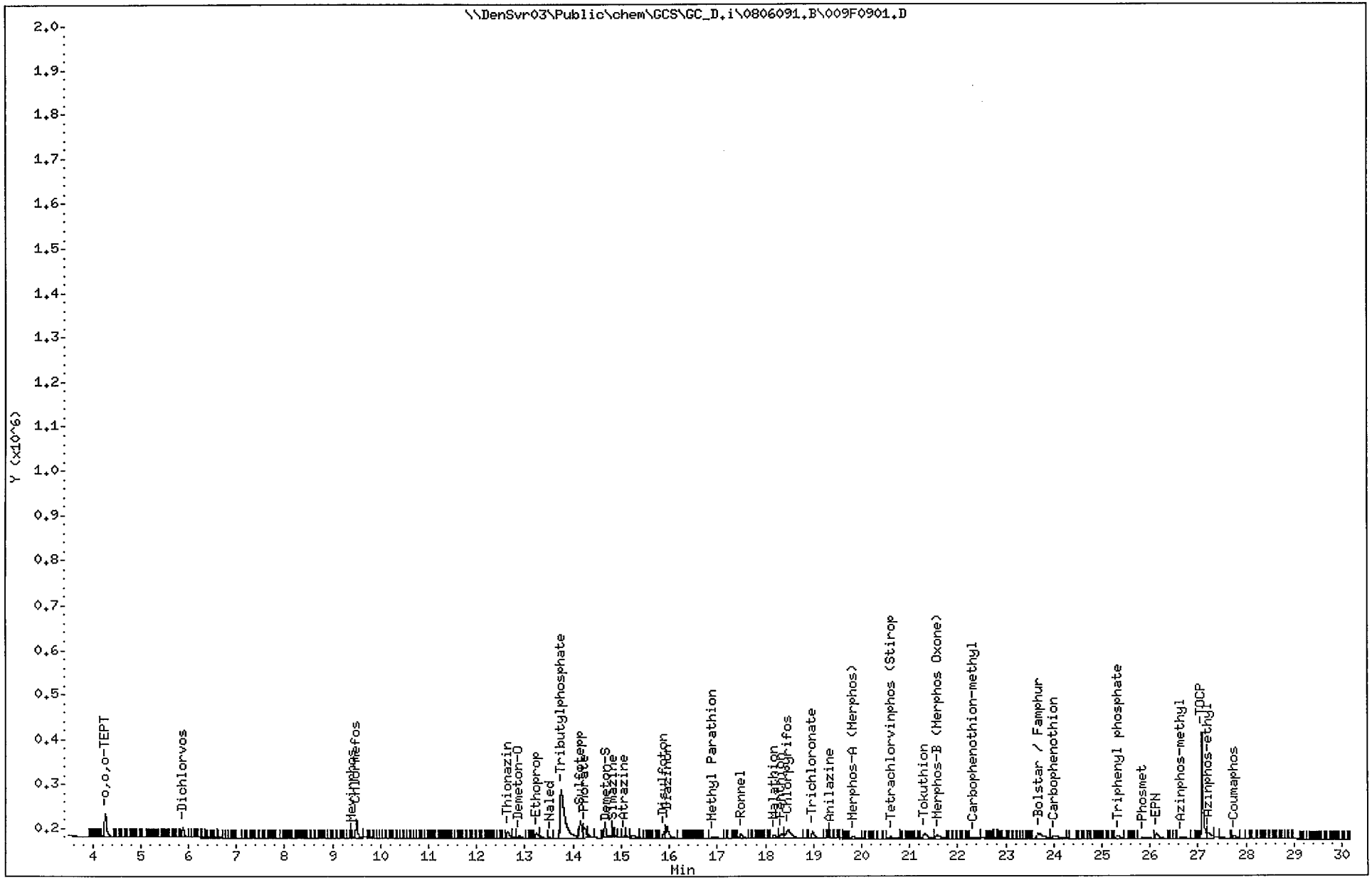
		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	1034306	517153	2068612	763264	-26.21
39 TOCP	695324	347662	1390648	553974	-20.33

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.70	13.20	14.20	13.75	0.37
39 TOCP	27.08	26.58	27.58	27.09	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.

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\009F0901.D
Date : 06-AUG-2009 18:34
Client ID: 8141 L1 GSV87509
Sample Info: 8141 L1 GSV87509

Instrument: GC_D.i
Operator: MPK/TLW
Column phase: RTx-1MS
Column diameter: 0.32



Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/009F0901.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 009F0901.D
Analysis Type: NONE

Injection Date: 06-AUG-2009 18:34
Lab Sample ID: 8141 L1 GSV87509
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	3.0000	0.2454	91.8	15.0	<-
2	Dichlorvos	3.0000	0.2109	93.0	15.0	<-
3	Mevinphos	3.0000	0.2214	92.6	15.0	<-
4	Chlormefos	3.0000	0.2216	92.6	15.0	<-
5	Thionazin	3.0000	0.2027	93.2	15.0	<-
6	Demeton-O	0.9750	0.0797	91.8	15.0	<-
7	Ethoprop	3.0000	0.1917	93.6	15.0	<-
8	Naled	3.0000	0.2152	92.8	15.0	<-
9	Sulfotepp	3.0000	0.1996	93.3	15.0	<-
10	Phorate	3.0000	0.2032	93.2	15.0	<-
11	Dimethoate	3.0000	0.0000	100.0	15.0	<-
12	Demeton-S	2.0400	0.0015	99.9	15.0	<-
13	Simazine	3.0000	0.1647	94.5	15.0	<-
14	Atrazine	3.0000	0.2057	93.1	15.0	<-
15	propazine	3.0000	0.0000	100.0	15.0	<-
17	Disulfoton	3.0000	0.1917	93.6	15.0	<-
16	Diazinon	3.0000	0.2700	91.0	15.0	<-
18	Methyl Parathion	3.0000	0.1960	93.5	15.0	<-
19	Ronnel	3.0000	0.2162	92.8	15.0	<-
20	Malathion	3.0000	0.1722	94.3	15.0	<-
21	Fenthion	3.0000	0.2075	93.1	15.0	<-
22	Parathion	3.0000	0.0000	100.0	15.0	<-
23	Chlorpyrifos	3.0000	0.2100	93.0	15.0	<-
24	Trichloronate	3.0000	0.2163	92.8	15.0	<-
25	Anilazine	3.0000	0.3483	88.4	15.0	<-
148	Merphos-A (Merphos)	3.0000	0.2490	91.7	999.0	
26	Tetrachlorvinphos (Stirophos)	3.0000	0.2225	92.6	15.0	<-
28	Tokuthion	3.0000	0.2031	93.2	15.0	<-
149	Merphos-B (Merphos Oxone)	3.0000	0.3775	87.4	999.0	
29	Carbophenothion-methyl	3.0000	0.2073	93.1	15.0	<-
29	Fensulfothion	3.0000	0.0000	100.0	15.0	<-
30	Bolstar / Famphur	6.0000	0.3188	94.7	15.0	<-
32	Carbophenothion	3.0000	0.1971	93.4	15.0	<-
31	Triphenyl phosphate	3.0000	0.1718	94.3	15.0	<-
34	Phosmet	3.0000	0.1157	96.1	15.0	<-
32	EPN	3.0000	0.1855	93.8	15.0	<-
33	Azinphos-methyl	3.0000	0.2350	92.2	15.0	<-
38	Azinphos-ethyl	3.0000	0.2128	92.9	15.0	<-
36	Coumaphos	3.0000	0.1505	95.0	15.0	<-

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/009F0901.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

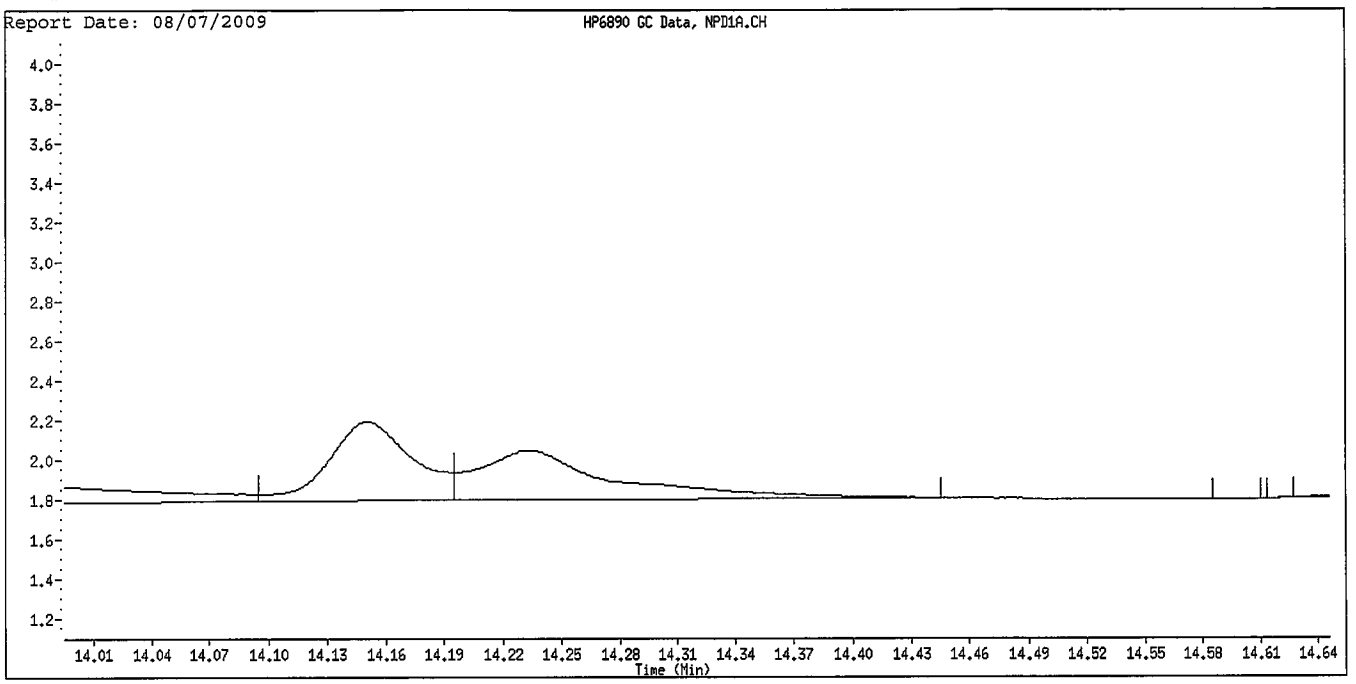
Instrument ID: GC_D.i
Lab File ID: 009F0901.D
Analysis Type: NONE

Injection Date: 06-AUG-2009 18:34
Lab Sample ID: 8141 L1 GSV87509
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

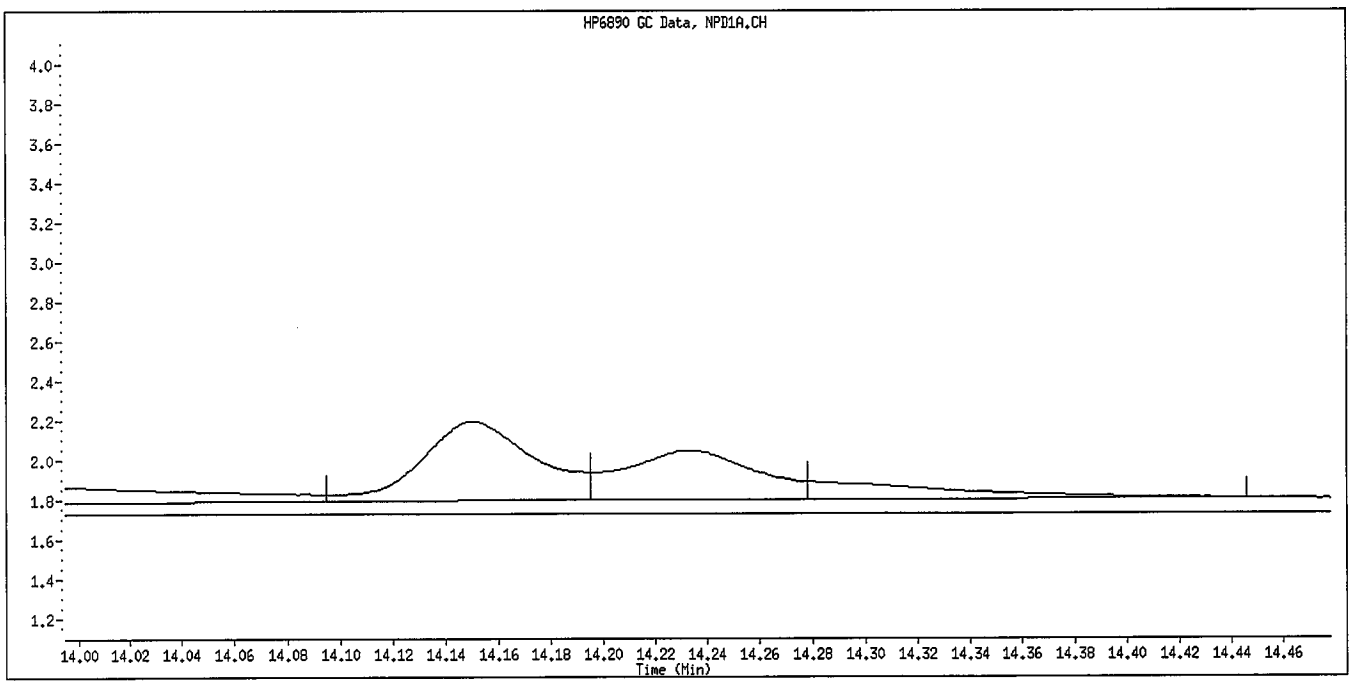
COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
40 Total Demeton	3.0000	0.0812	97.3	15.0	<-
27 Merphos	3.0000	0.2116	92.9	15.0	<-

Average %D = 93.9

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Phorate
CAS #: 298-02-2



Original Integration

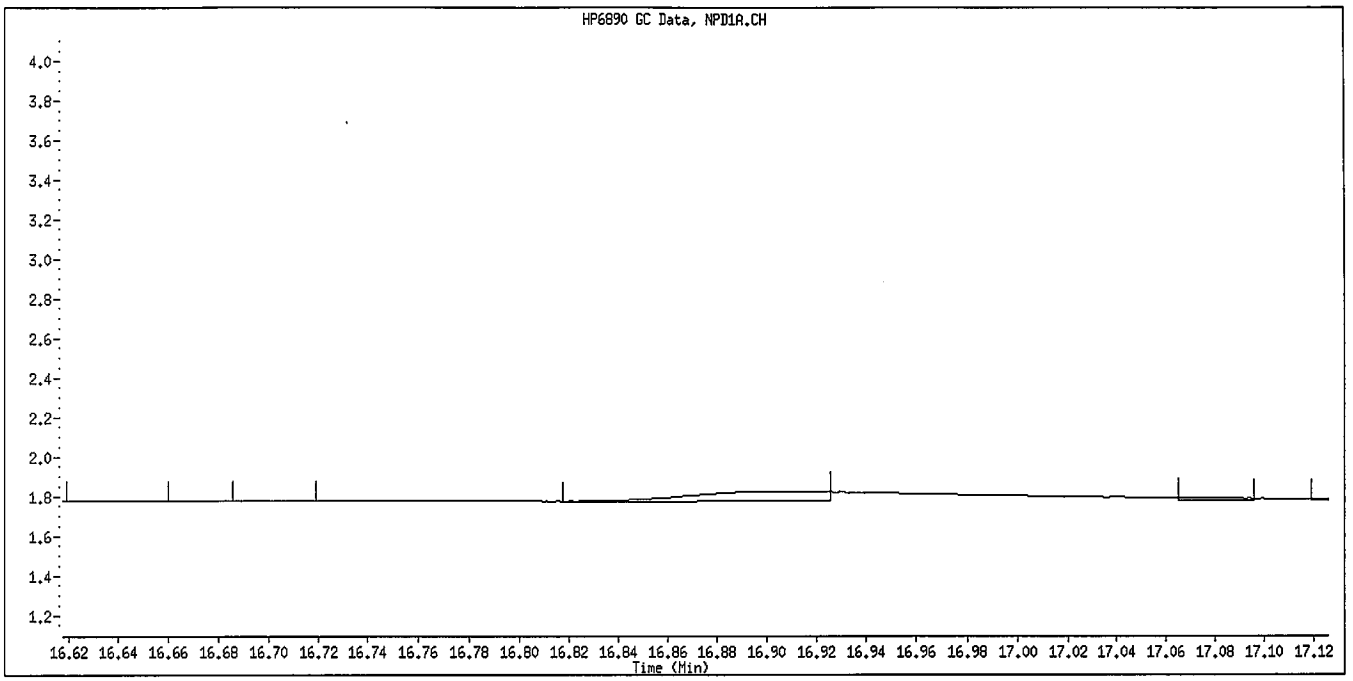


Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

8/7/2009

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Methyl Parathion
CAS #: 298-00-0
Report Date: 08/07/2009



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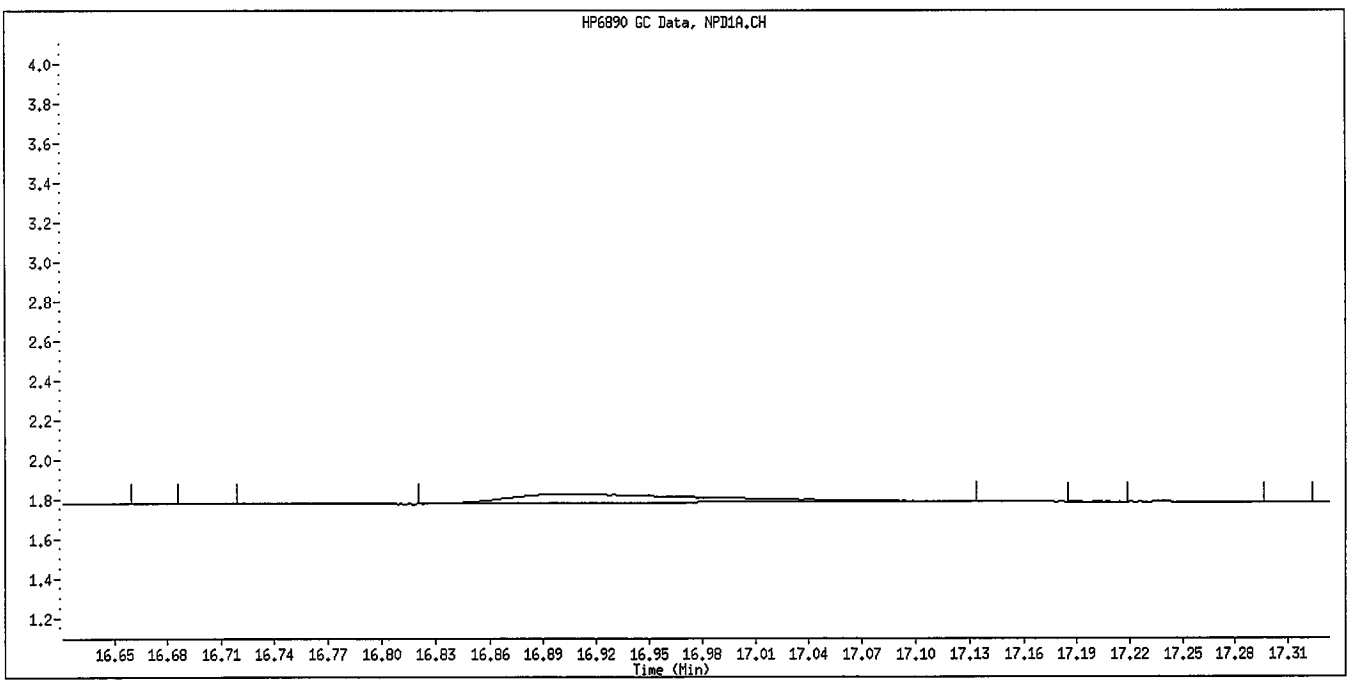
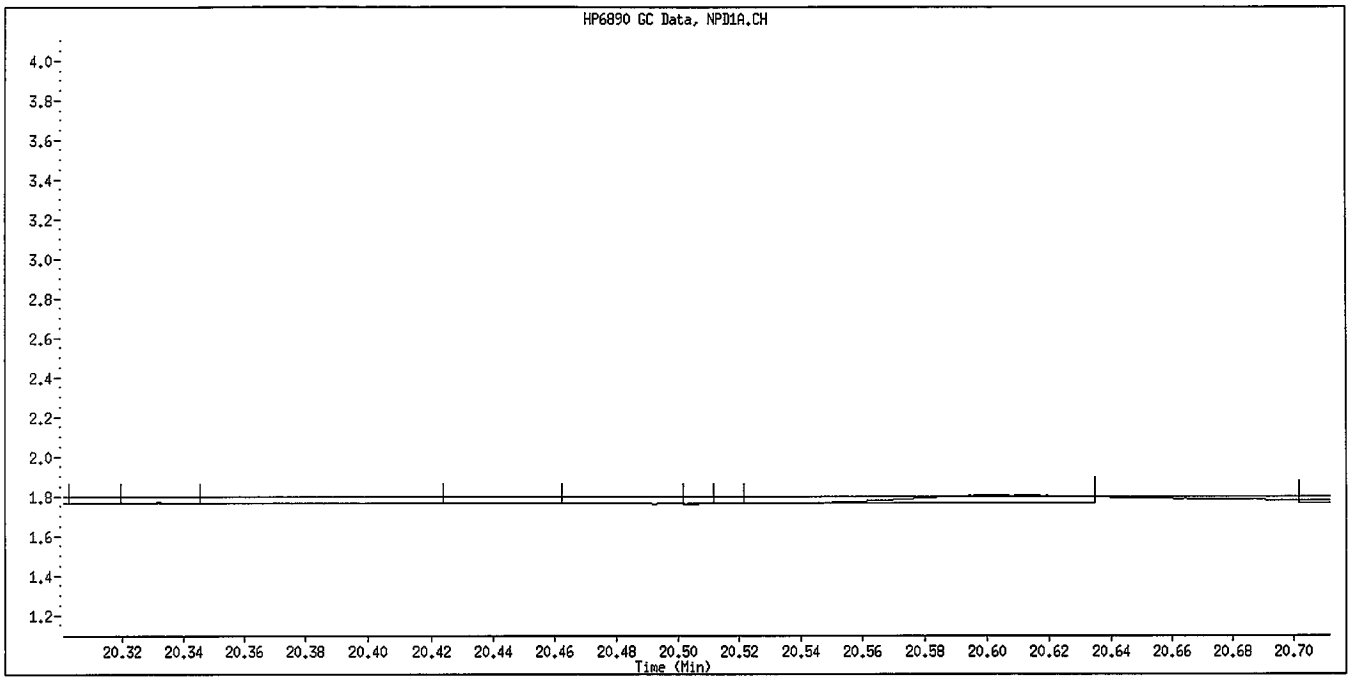


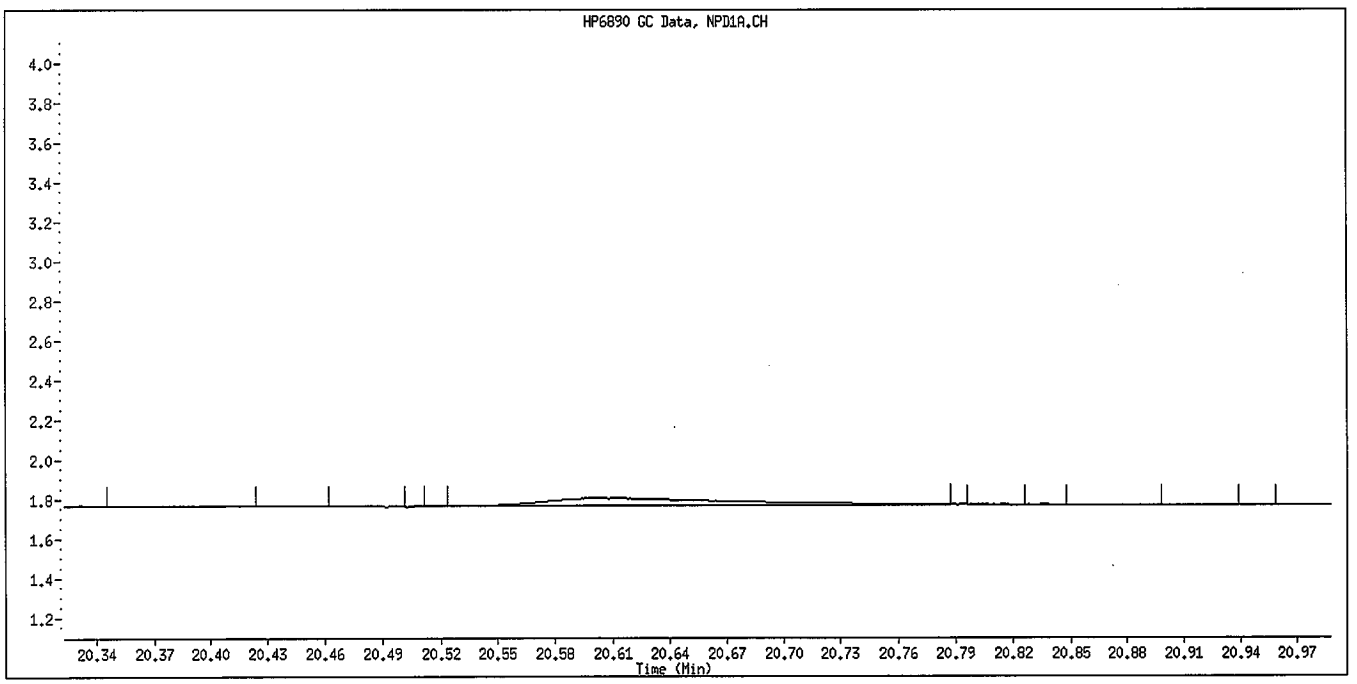
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Tetrachlorvinphos (Stirophos)
CAS #:
Report Date: 08/07/2009



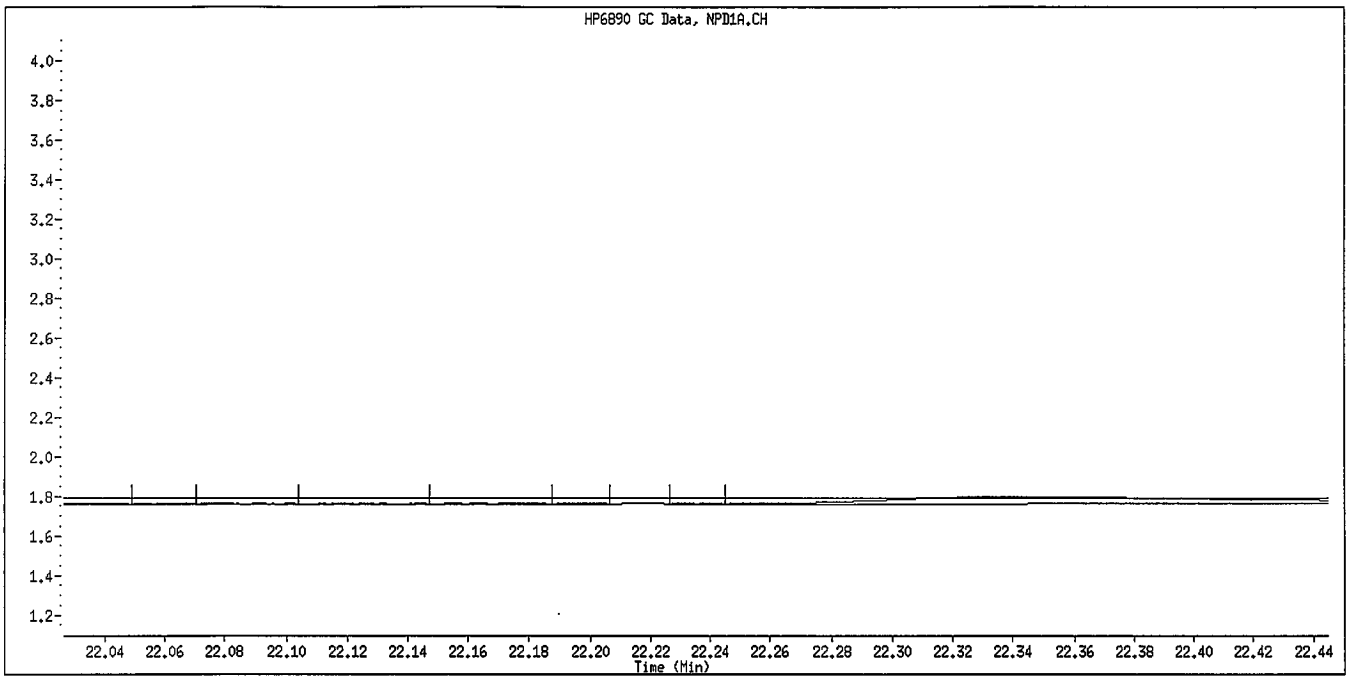
Original Integration



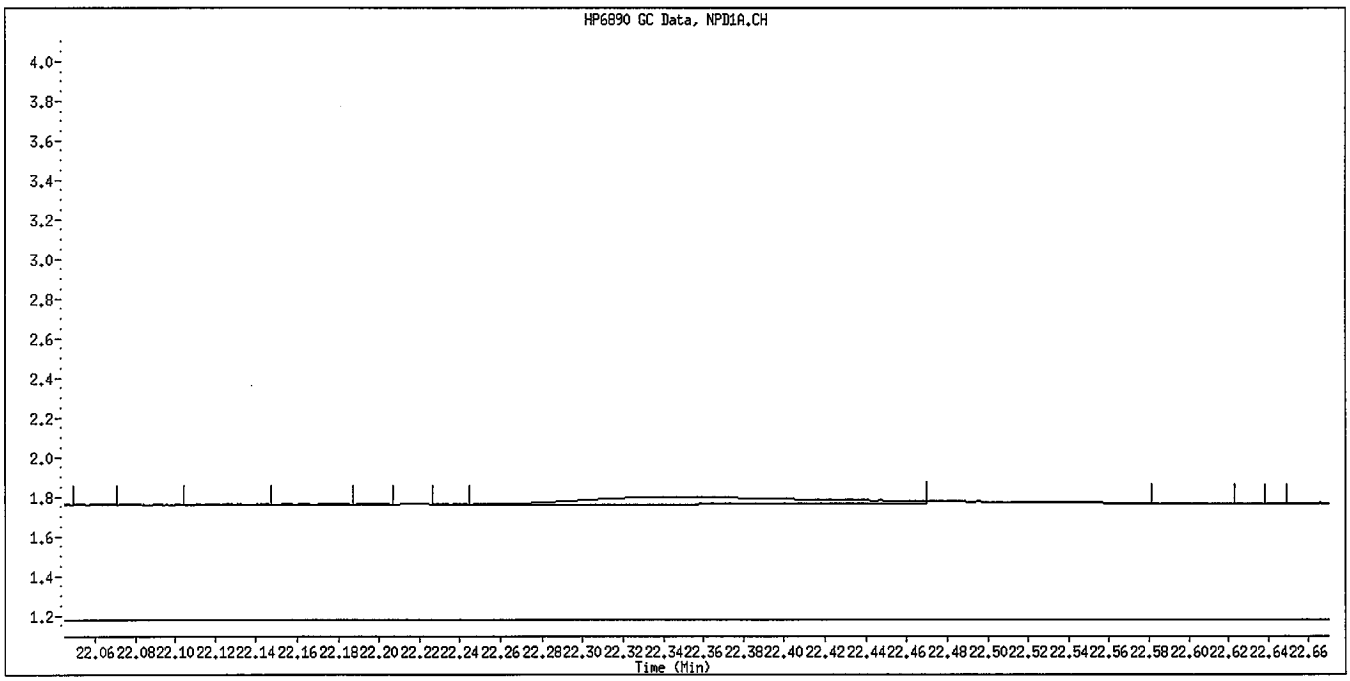
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Carbophenothion-methyl
CAS #:
Report Date: 08/07/2009



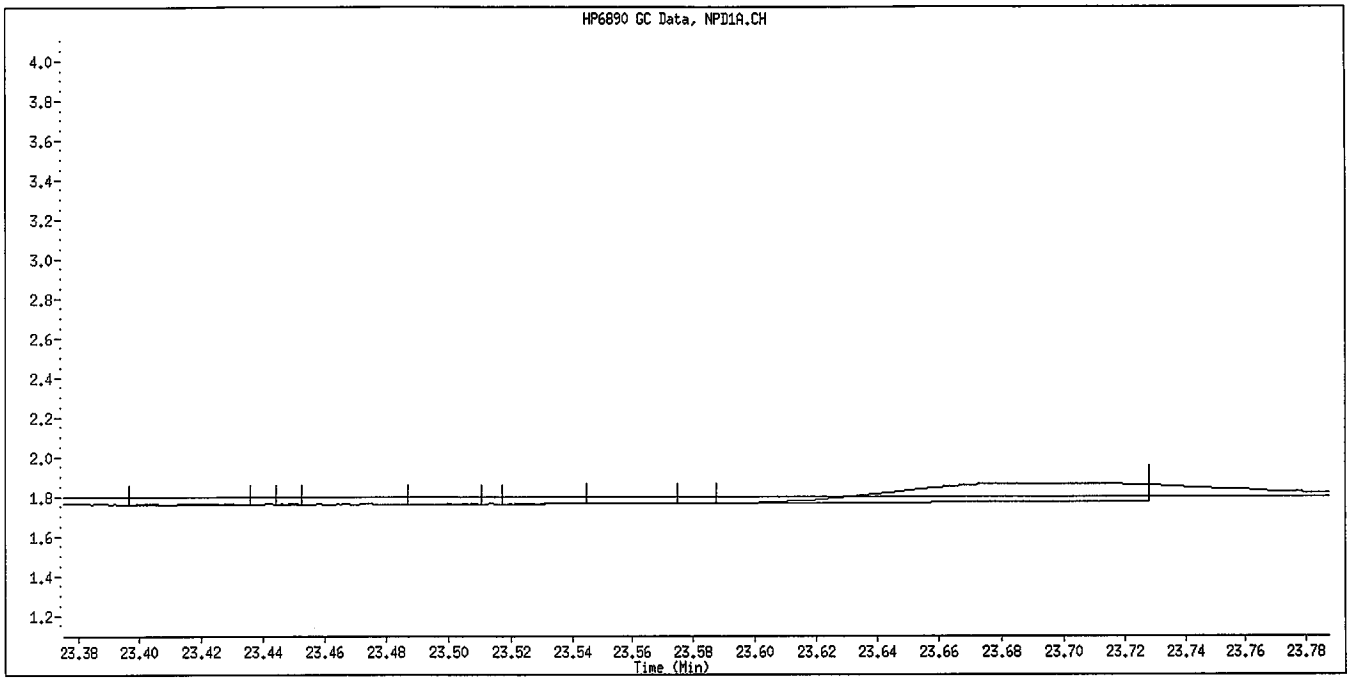
Original Integration



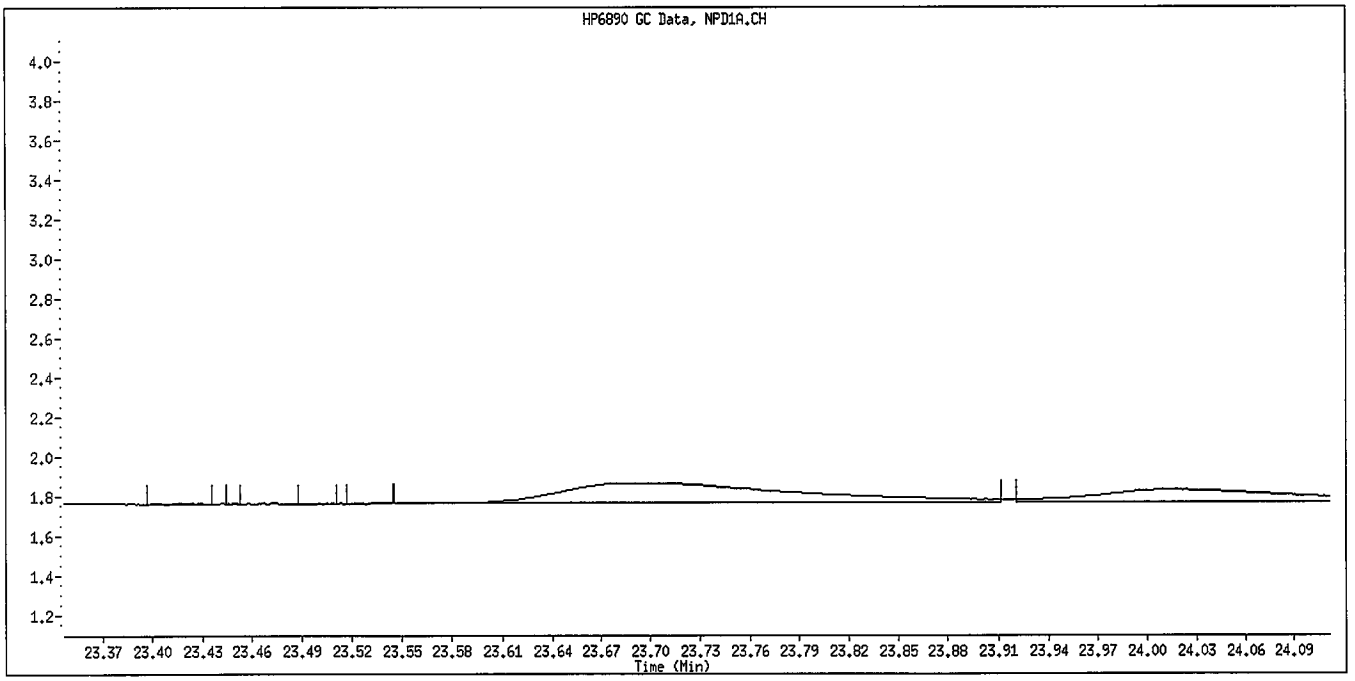
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Bolstar / Famphur
CAS #:
Report Date: 08/07/2009



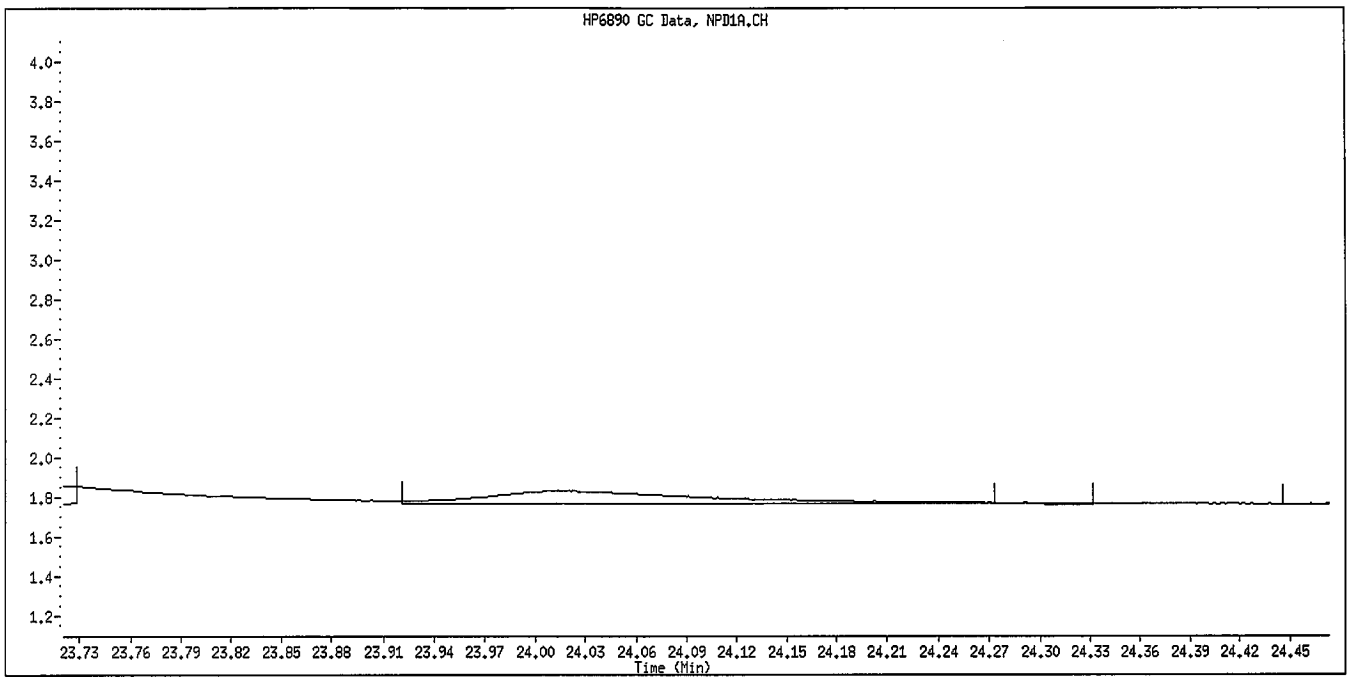
Original Integration



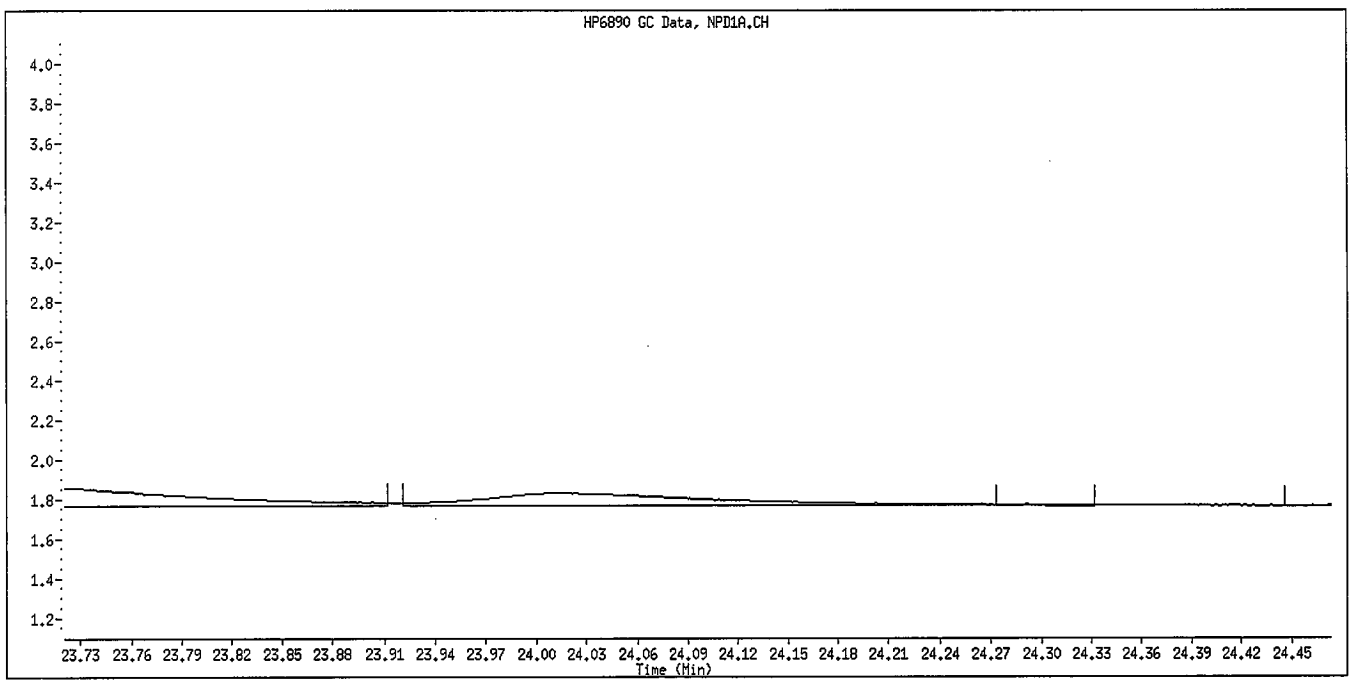
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Carbophenothion
CAS #:
Report Date: 08/07/2009



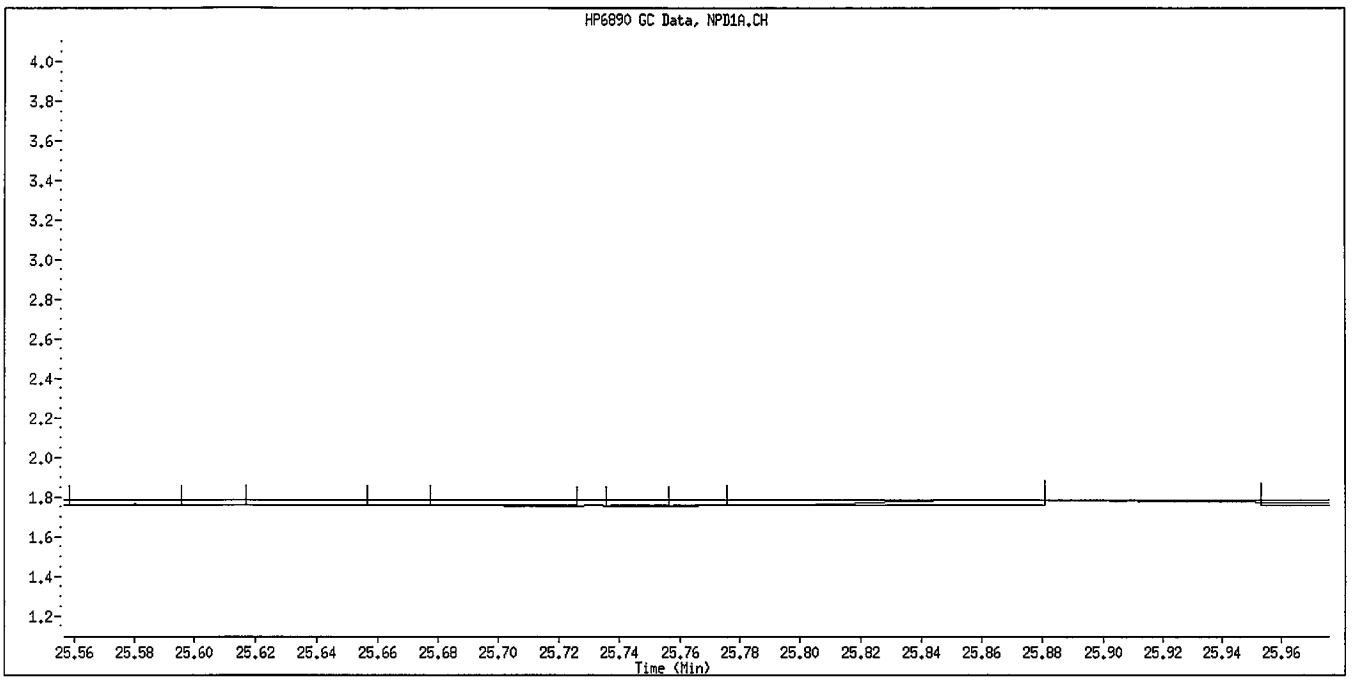
Original Integration



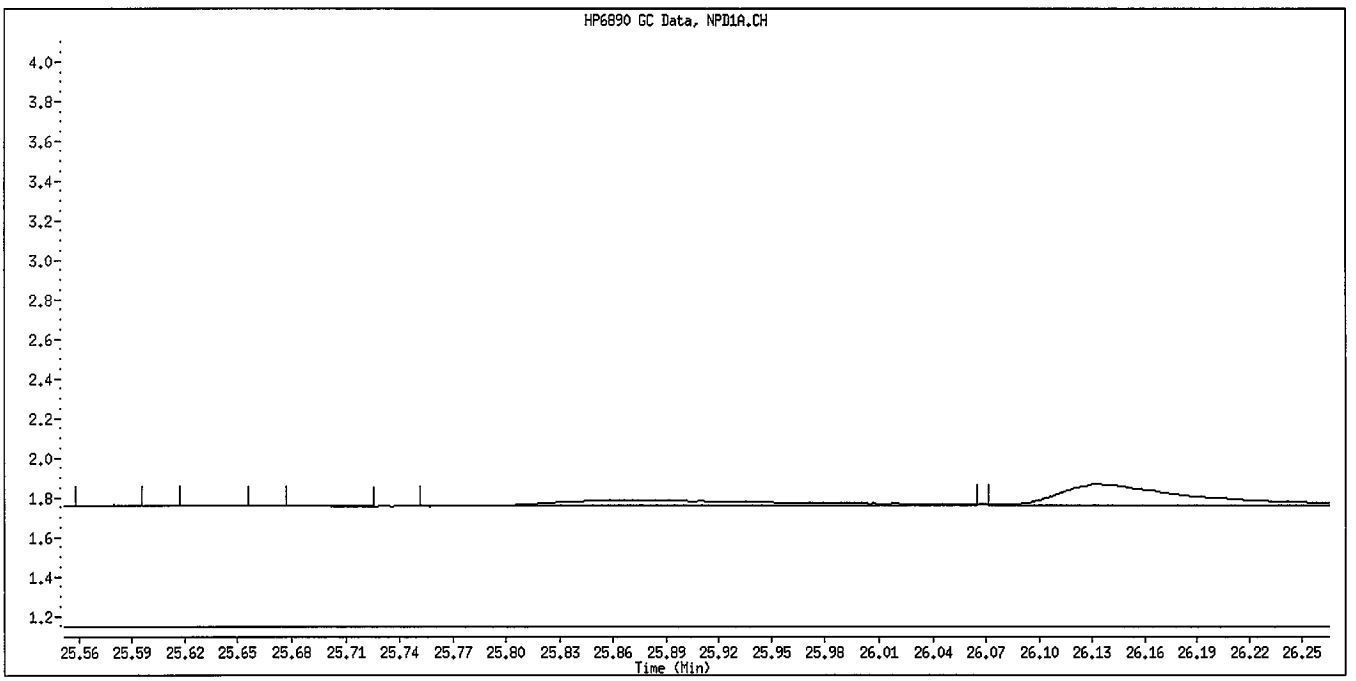
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Phosmet
CAS #:
Report Date: 08/07/2009



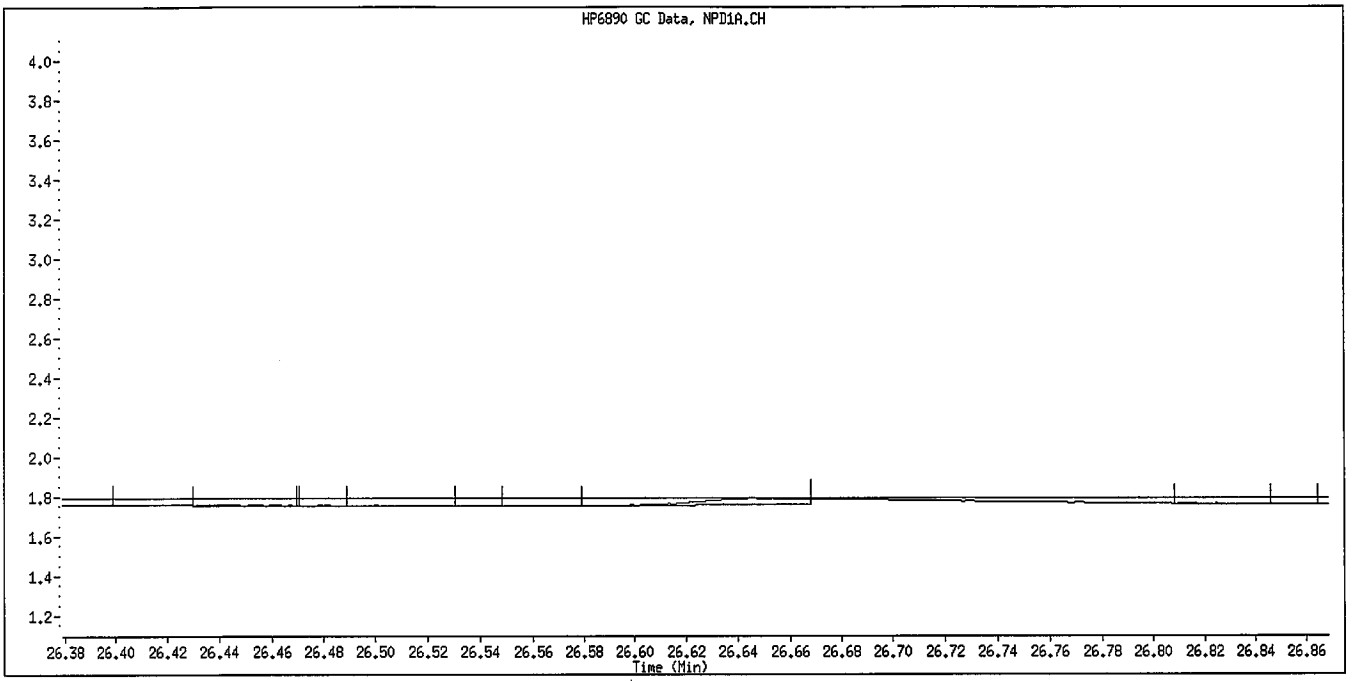
Original Integration



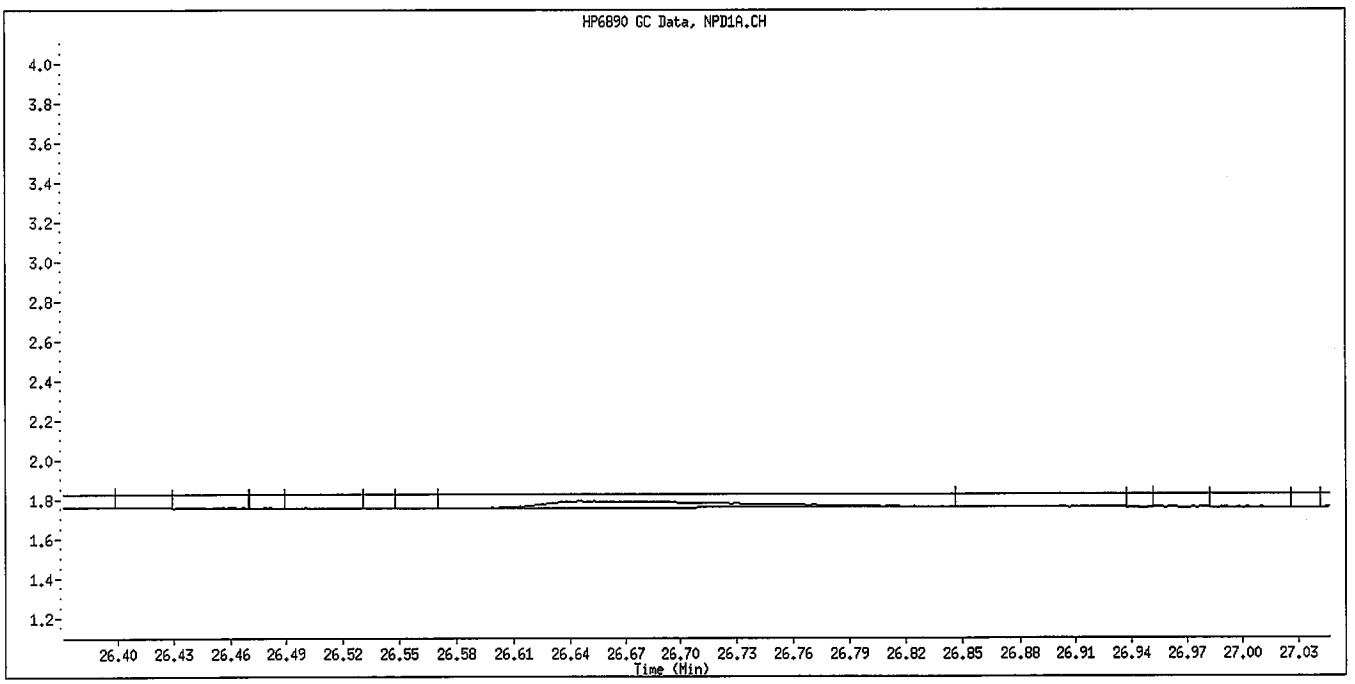
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Azinphos-methyl
CAS #:
Report Date: 08/07/2009



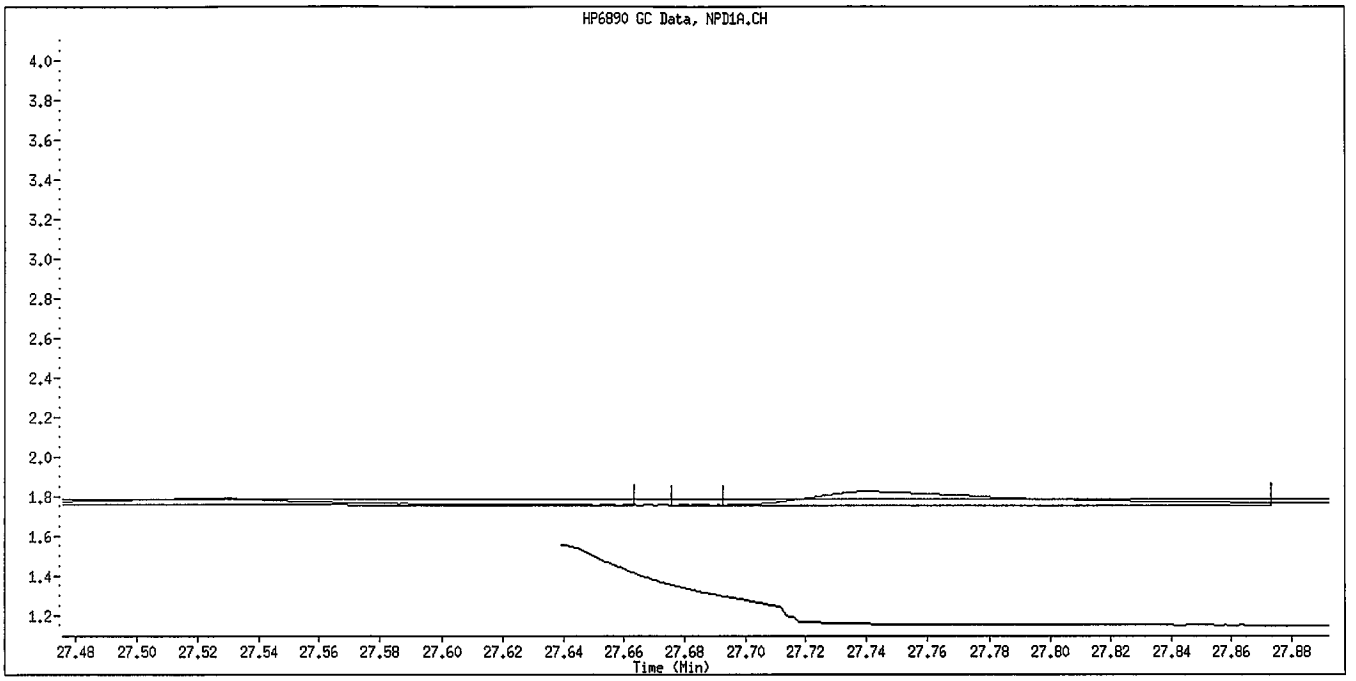
Original Integration



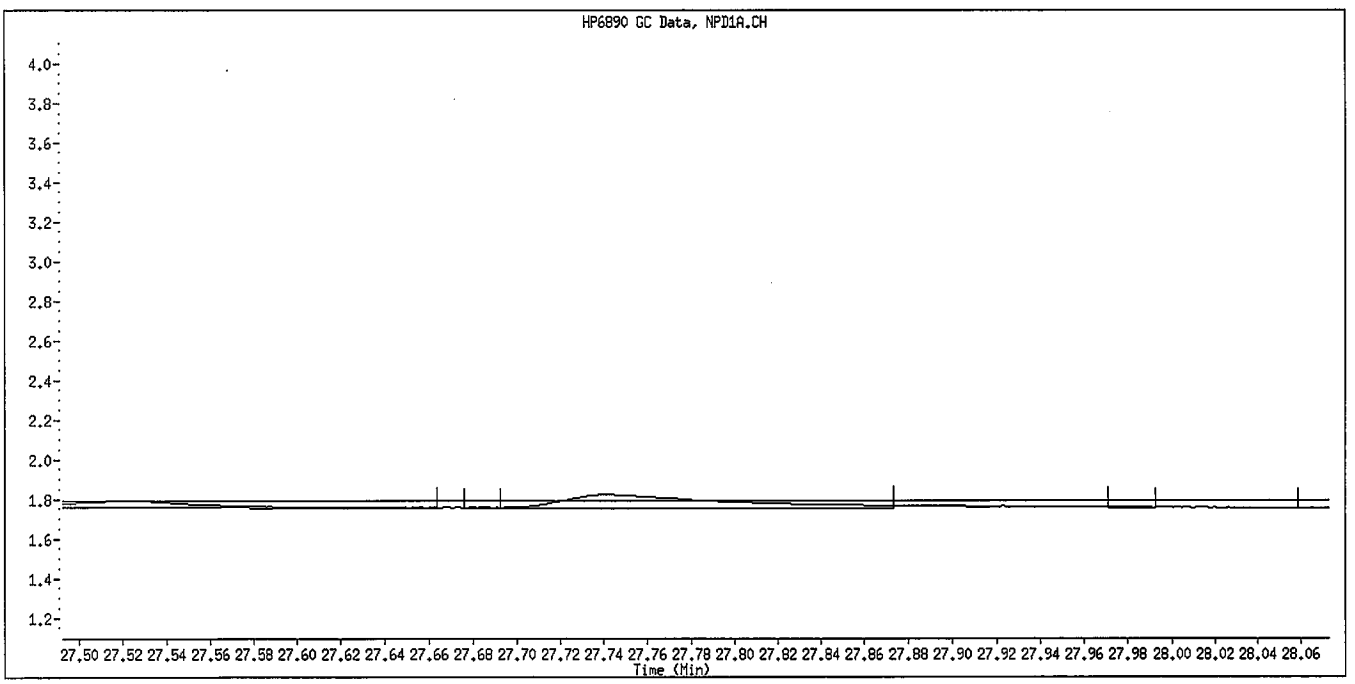
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Coumaphos
CAS #:
Report Date: 08/07/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Analyte Misidentified by the Data System

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\010F1001.D
Lab Smp Id: 8141 SS GSV87609 Client Smp ID: 8141 SS GSV87609
Inj Date : 06-AUG-2009 19:10
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 SS GSV87609
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Meth Date : 07-Aug-2009 13:45 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 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	4.268	4.267	(0.311)	1843004	2.00000	2.240
	2 Dichlorvos	5.867	5.865	(0.428)	743410	2.00000	2.036
	3 Mevinphos	9.417	9.407	(0.687)	235044	2.00000	1.556
$	4 Chlormefos	9.499	9.502	(0.693)	1161313	2.00000	1.736
	5 Thionazin	12.624	12.625	(0.920)	1118392	2.00000	2.235
	6 Demeton-O	12.875	12.876	(0.939)	820859	0.65000	2.025
	7 Ethoprop	13.208	13.205	(0.963)	891351	2.00000	1.994
	8 Naled	13.484	13.482	(0.983)	276089	2.00000	1.706
*	9 Tributylphosphate	13.717	13.714	(1.000)	867584	2.00000	
	10 Sulfotepp	14.143	14.143	(1.031)	1336752	2.00000	1.968
	11 Phorate	14.226	14.227	(1.037)	730629	2.00000	1.634
	12 Dimethoate	14.431	14.416	(1.052)	875203	2.00000	2.182
	13 Demeton-S	14.693	14.682	(1.071)	70754	1.36000	0.2056
	14 Simazine	14.788	14.783	(1.078)	366944	2.00000	2.469
	15 Atrazine	15.000	14.997	(1.094)	417241	2.00000	2.161
	16 propazine	15.181	15.178	(1.107)	419363	2.00000	2.193
	17 Disulfoton	15.867	15.866	(0.586)	846309	2.00000	1.974
	18 Diazinon	15.933	15.934	(0.588)	872162	2.00000	1.867
	19 Methyl Parathion	16.833	16.829	(0.622)	657192	2.00000	1.970
	20 Ronnel	17.458	17.456	(0.645)	726001	2.00000	2.064
	21 Malathion	18.135	18.134	(0.670)	594268	2.00000	1.936
	22 Fenthion	18.287	18.284	(0.675)	680633	2.00000	1.906
	23 Parathion	18.392	18.392	(0.679)	735997	2.00000	2.060
	24 Chlorpyrifos	18.450	18.451	(0.681)	860875	2.00000	1.977
	25 Trichloronate	18.959	18.958	(0.700)	791359	2.00000	1.809
	26 Anilazine	19.352	19.345	(0.715)	33556	2.00000	1.250
	27 Merphos-A (Merphos)	19.802	19.804	(0.731)	58433	2.00000	0.2980
	28 Tetrachlorvinphos (Stirophos)	20.536	20.532	(0.758)	455941	2.00000	1.889
	29 Tokuthion	21.279	21.278	(0.786)	808333	2.00000	1.943
	30 Merphos-B (Merphos Oxone)	21.536	21.536	(0.795)	710217	2.00000	11.88(A)
	31 Carbophenothion-methyl	22.261	22.254	(0.822)	368687	2.00000	1.330
	32 Fensulfothion	22.488	22.465	(0.831)	491939	2.00000	1.966
	33 Bolstar / Famphur	23.631	23.627	(0.873)	1504693	4.00000	4.213

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	23.951	23.947	(0.885)	712364	2.00000	2.116
$	35 Triphenyl phosphate	25.278	25.270	(0.934)	494576	2.00000	1.848
	36 Phosmet	25.773	25.769	(0.952)	619156	2.00000	2.272
	37 EPN	26.102	26.097	(0.964)	765092	2.00000	2.210
	38 Azinphos-methyl	26.589	26.584	(0.982)	466871	2.00000	1.850
*	39 TOCP	27.076	27.076	(1.000)	613099	2.00000	
	40 Azinphos-ethyl	27.176	27.172	(1.004)	654822	2.00000	2.055
	41 Coumaphos	27.701	27.694	(1.023)	508925	2.00000	1.937
M	42 Total Demeton				891613	2.00000	2.231
M	43 Merphos				768650	2.00000	1.898

QC Flag Legend

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

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D.i
Lab File ID: 010F1001.D
Lab Smp Id: 8141 SS GSV87609
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Misc Info:

Calibration Date: 07-AUG-2009
Calibration Time: 06:42
Client Smp ID: 8141 SS GSV8760
Level:
Sample Type:

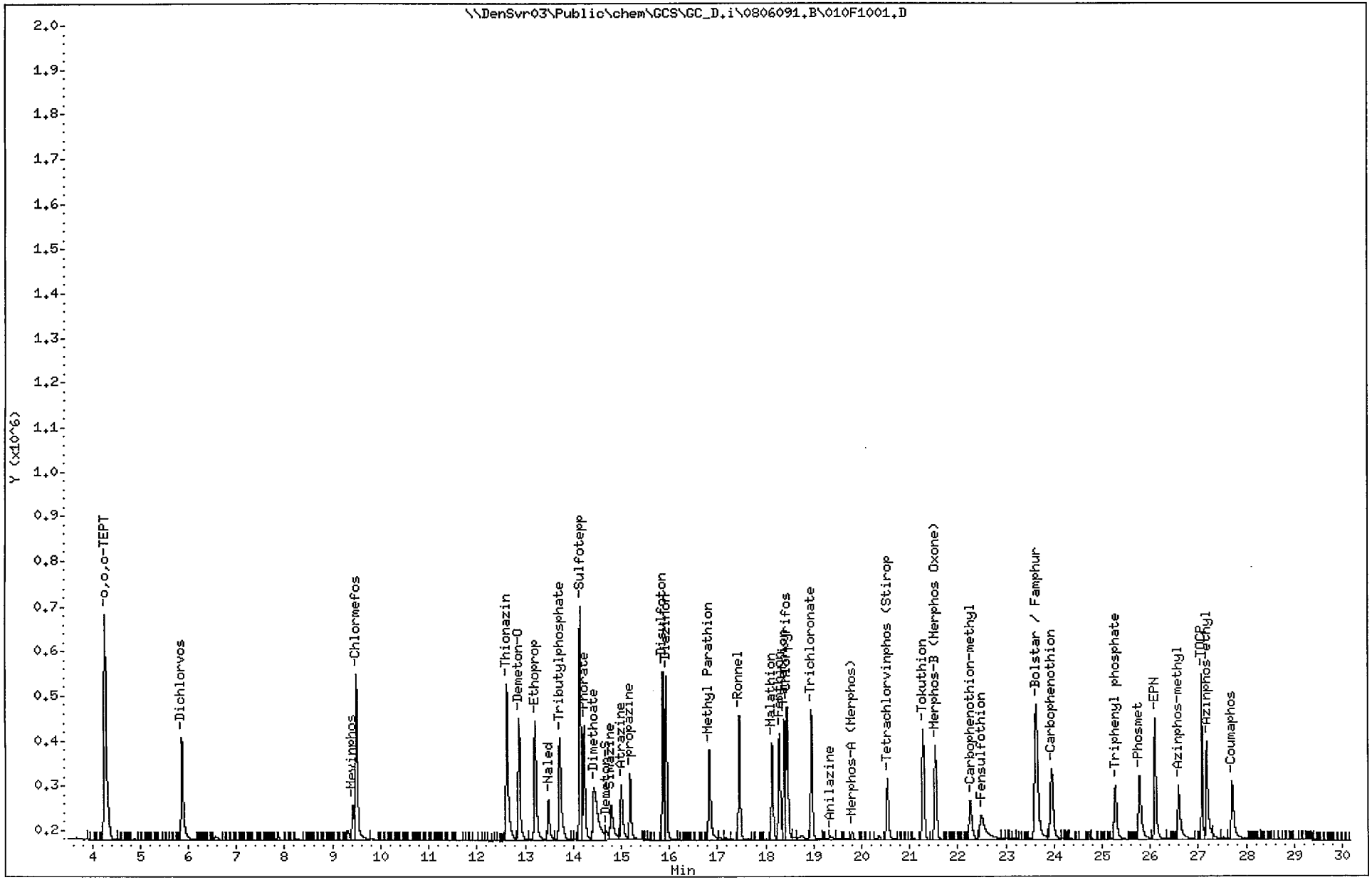
		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	1034306	517153	2068612	867584	-16.12
39 TOCP	695324	347662	1390648	613099	-11.83

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.70	13.20	14.20	13.72	0.13
39 TOCP	27.08	26.58	27.58	27.08	-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_D.i\0806091.B\010F1001.D
Date : 06-AUG-2009 19:10
Client ID: 8141 SS GSV87609
Sample Info: 8141 SS GSV87609

Instrument: GC_D.i
Operator: MPK/TLW
Column phase: RTx-1MS
Column diameter: 0.32



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\003F0301.D
Lab Smp Id: 8141 L7 GSV82609 Client Smp ID: 8141 L7 GSV82609
Inj Date : 06-AUG-2009 14:56
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L7 GSV82609
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Meth Date : 07-Aug-2009 13:43 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 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	6.790	6.758	(0.419)	4502240	5.00000	4.256
	2 Dichlorvos	8.964	8.952	(0.554)	2218734	5.00000	4.705
$	3 Chlormefos	12.887	12.885	(0.796)	3329933	5.00000	4.827
	4 Mevinphos	13.005	13.006	(0.803)	1418878	5.00000	4.842
	5 Demeton-O	15.939	15.939	(0.985)	687790	1.62500	1.589
	6 Thionazin	16.067	16.067	(0.992)	2959832	5.00000	4.615
*	7 Tributylphosphate	16.190	16.193	(1.000)	1131223	2.00000	
	8 Ethoprop	16.333	16.332	(1.009)	2583304	5.00000	4.705
	9 Naled	16.921	16.921	(1.045)	1131291	5.00000	5.030(A)
	10 Sulfotepp	17.234	17.234	(1.064)	4270412	5.00000	4.519
	11 Phorate	17.269	17.268	(1.067)	2084335	5.00000	4.361
	12 Demeton-S	17.961	17.962	(1.109)	1474470	3.40000	3.394
	13 Simazine	18.366	18.368	(1.134)	674577	5.00000	5.004(A)
	14 Atrazine / Propazine	18.434	18.434	(1.139)	2608160	10.0000	10.04(A)
	15 Dimethoate	18.566	18.569	(1.147)	2698083	5.00000	4.812
	16 Diazinon	18.966	18.967	(1.171)	2467752	5.00000	4.401
	17 Disulfoton	19.229	19.231	(1.188)	2617710	5.00000	4.622
	18 Methyl Parathion	21.131	21.132	(0.736)	1936768	5.00000	4.722(A)
	19 Ronnel	21.220	21.222	(0.739)	2282209	5.00000	4.726
	20 Malathion	22.495	22.492	(0.784)	1824966	5.00000	4.653
	21 Chlorpyrifos	22.646	22.644	(0.789)	2210724	5.00000	4.848
	22 Trichloronate	22.819	22.819	(0.795)	2890038	5.00000	5.071(A)
	23 Parathion	22.866	22.866	(0.797)	2140679	5.00000	4.818
	24 Fenthion	22.940	22.942	(0.799)	2341329	5.00000	4.762
	25 Merphos-A (Merphos)	23.475	23.472	(0.818)	1728719	5.00000	4.846
	26 Anilazine	24.446	24.451	(0.852)	195793	5.00000	5.229(A)
	27 Tetrachlorvinphos (stirophos)	25.869	25.869	(0.901)	1682420	5.00000	5.160(A)
	28 Tokuthion	26.044	26.043	(0.907)	2649007	5.00000	5.009(A)
	29 Merphos-B (Merphos oxone)	26.174	26.176	(0.912)	547067	5.00000	4.927
	30 Carbophenothion methyl	26.998	26.999	(0.941)	1930580	5.00000	5.222(A)
	31 Fensulfothion	27.236	27.237	(0.949)	1541611	5.00000	4.702
	32 Bolstar	27.347	27.347	(0.953)	2235624	5.00000	4.416
	33 Carbophenothion	27.459	27.460	(0.957)	2095716	5.00000	4.953

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Famphur	27.644	27.644	(0.963)	1943080	5.00000	5.026(A)
$	35 Triphenyl phosphate	27.933	27.932	(0.973)	1616846	5.00000	4.469
	36 EPN	28.241	28.240	(0.984)	1898338	5.00000	4.574
	37 Phosmet	28.367	28.366	(0.988)	1655568	5.00000	4.808
*	38 TOCP	28.705	28.705	(1.000)	836128	2.00000	
	39 Azinphos-methyl	28.816	28.816	(1.004)	1429834	5.00000	4.967
	40 Azinphos-ethyl	29.128	29.127	(1.015)	1454184	5.00000	4.795
	41 Coumaphos	29.454	29.453	(1.026)	1373774	5.00000	4.979
M	42 Total Demeton				2162260	5.00000	4.984
M	43 Merphos				2275786	5.00000	4.636(A)

QC Flag Legend

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

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

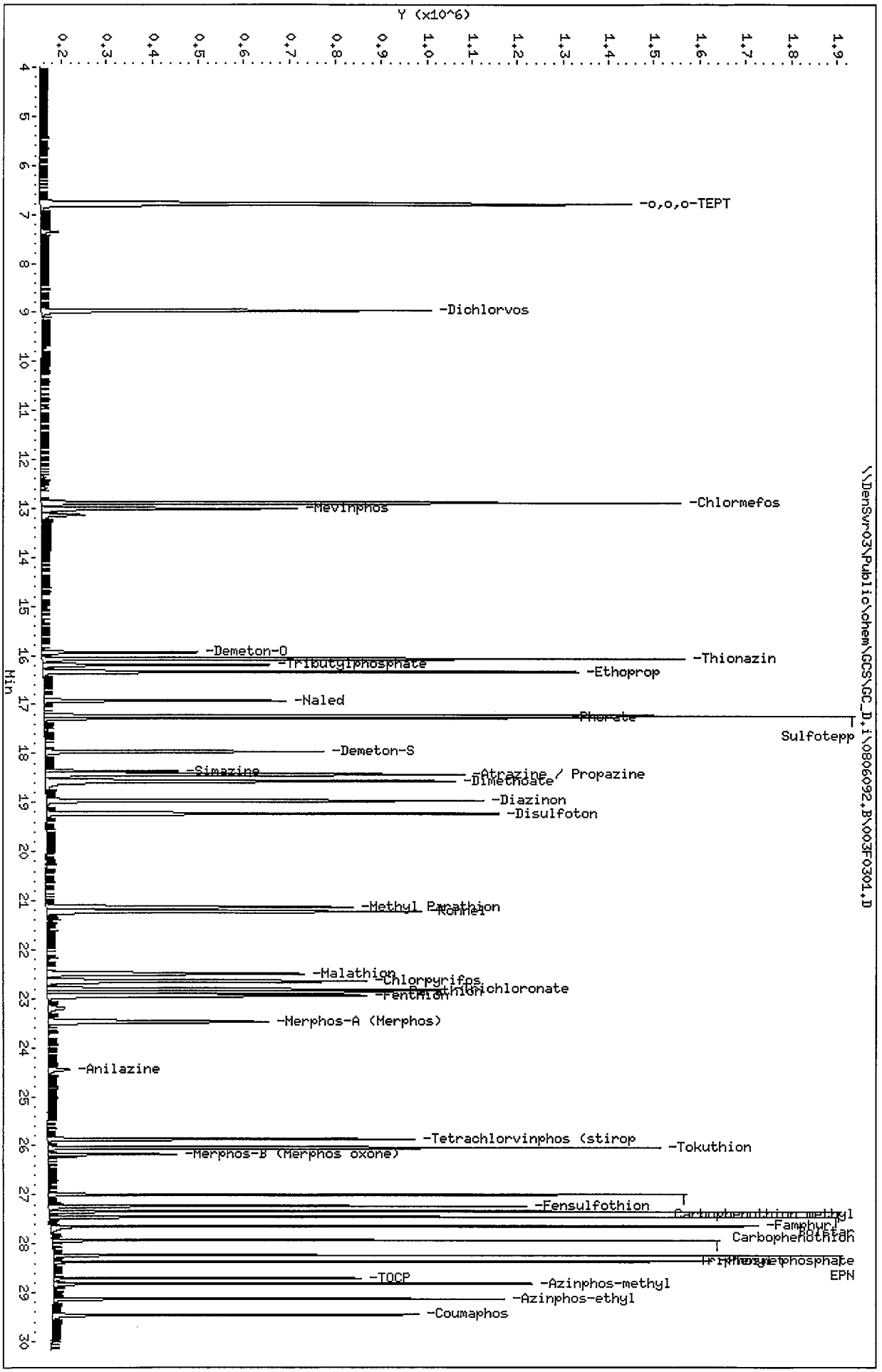
Instrument ID: GC_D.i
Lab File ID: 003F0301.D
Lab Smp Id: 8141 L7 GSV82609
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Misc Info:

Calibration Date: 06-AUG-2009
Calibration Time: 19:10
Client Smp ID: 8141 L7 GSV8260
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	989795	494898	1979590	1131223	14.29
38 TOCP	732545	366273	1465090	836128	14.14

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.19	15.69	16.69	16.19	-0.02
38 TOCP	28.70	28.20	29.20	28.71	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 : 06-AUG-2009 14:56
Client ID: 8141 L7 GSV82609
Sample Info: 8141 L7 GSV82609
Column phase: RTx-OPPest

Instrument: GC_D,i
Operator: MPK/TLH
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\004F0401.D
Lab Smp Id: 8141 L6 GSV87009 Client Smp ID: 8141 L6 GSV87009
Inj Date : 06-AUG-2009 15:32
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L6 GSV87009
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Meth Date : 07-Aug-2009 13:43 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 14:56 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	6.760	6.758	(0.417)	3613463	4.00000	3.720
	2 Dichlorvos	8.953	8.952	(0.553)	1768273	4.00000	4.084
$	3 Chlormefos	12.886	12.885	(0.796)	2624051	4.00000	4.132
	4 Mevinphos	13.004	13.006	(0.803)	1096662	4.00000	4.082
	5 Demeton-O	15.939	15.939	(0.984)	520374	1.30000	1.309
	6 Thionazin	16.067	16.067	(0.992)	2340635	4.00000	3.974
*	7 Tributylphosphate	16.192	16.193	(1.000)	1038841	2.00000	
	8 Ethoprop	16.332	16.332	(1.009)	2051405	4.00000	4.045
	9 Naled	16.921	16.921	(1.045)	787967	4.00000	3.918
	10 Sulfotepp	17.233	17.234	(1.064)	3390840	4.00000	3.907
	11 Phorate	17.269	17.268	(1.066)	1624819	4.00000	3.702
	12 Demeton-S	17.961	17.962	(1.109)	1151737	2.72000	2.887
	13 Simazine	18.367	18.368	(1.134)	492868	4.00000	4.040
	14 Atrazine / Propazine	18.432	18.434	(1.138)	1954099	8.00000	8.196(A)
	15 Dimethoate	18.566	18.569	(1.147)	2052825	4.00000	3.997
	16 Diazinon	18.967	18.967	(1.171)	1940014	4.00000	3.768
	17 Disulfoton	19.229	19.231	(1.188)	2045262	4.00000	3.933
	18 Methyl Parathion	21.130	21.132	(0.736)	1488025	4.00000	4.044(A)
	19 Ronnel	21.221	21.222	(0.739)	1735137	4.00000	3.993
	20 Malathion	22.494	22.492	(0.784)	1406900	4.00000	3.992
	21 Chlorpyrifos	22.644	22.644	(0.789)	1671357	4.00000	4.079
	22 Trichloronate	22.819	22.819	(0.795)	2093978	4.00000	4.095
	23 Parathion	22.865	22.866	(0.797)	1741701	4.00000	4.252
	24 Fenthion	22.942	22.942	(0.799)	1789955	4.00000	4.042
	25 Merphos-A (Merphos)	23.473	23.472	(0.818)	1339983	4.00000	4.192
	26 Anilazine	24.451	24.451	(0.852)	129151	4.00000	3.867(M)
	27 Tetrachlorvinphos (stirophos)	25.870	25.869	(0.901)	1220938	4.00000	4.177
	28 Tokuthion	26.046	26.043	(0.907)	2002622	4.00000	4.208
	29 Merphos-B (Merphos oxone)	26.175	26.176	(0.912)	439795	4.00000	4.024
	30 Carbophenothion methyl	26.999	26.999	(0.941)	1444721	4.00000	4.343
	31 Fensulfothion	27.237	27.237	(0.949)	1195644	4.00000	4.065
	32 Bolstar	27.347	27.347	(0.953)	1755208	4.00000	3.853
	33 Carbophenothion	27.460	27.460	(0.957)	1586342	4.00000	4.167

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Famphur	27.644	27.644	(0.963)	1480451	4.00000	4.255
$	35 Triphenyl phosphate	27.932	27.932	(0.973)	1280032	4.00000	3.932
	36 EPN	28.239	28.240	(0.984)	1483979	4.00000	3.974
	37 Phosmet	28.366	28.366	(0.988)	1249688	4.00000	4.042
*	38 TOCP	28.705	28.705	(1.000)	752380	2.00000	
	39 Azinphos-methyl	28.816	28.816	(1.004)	1072140	4.00000	4.148
	40 Azinphos-ethyl	29.127	29.127	(1.015)	1110566	4.00000	4.069
	41 Coumaphos	29.452	29.453	(1.026)	1021332	4.00000	4.121
M	42 Total Demeton				1672111	4.00000	4.196
M	43 Merphos				1779778	4.00000	4.029(A)

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

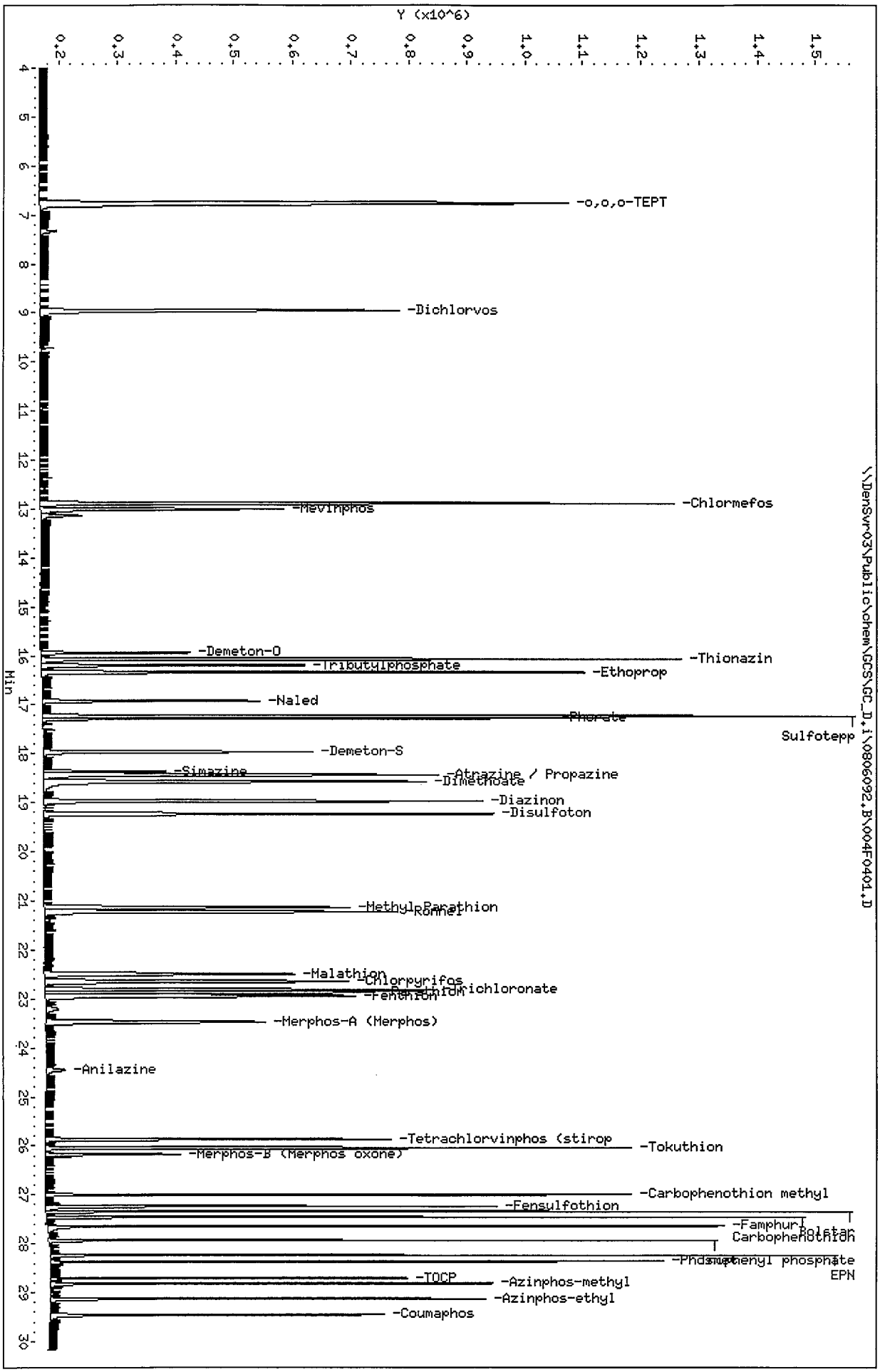
Instrument ID: GC_D.i
Lab File ID: 004F0401.D
Lab Smp Id: 8141 L6 GSV87009
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Misc Info:

Calibration Date: 06-AUG-2009
Calibration Time: 19:10
Client Smp ID: 8141 L6 GSV8700
Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
7 Tributylphosphate	989795	494898	1979590	1038841	4.96
38 TOCP	732545	366273	1465090	752380	2.71

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.19	15.69	16.69	16.19	-0.01
38 TOCP	28.70	28.20	29.20	28.71	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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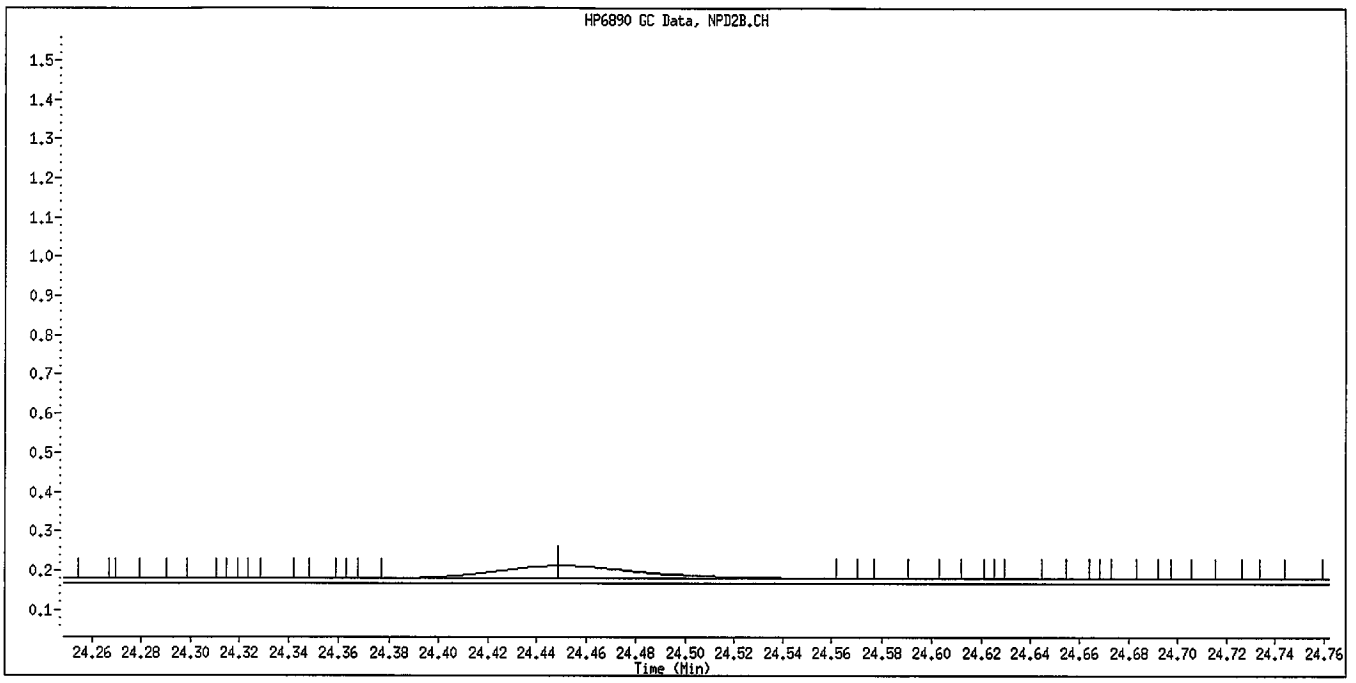
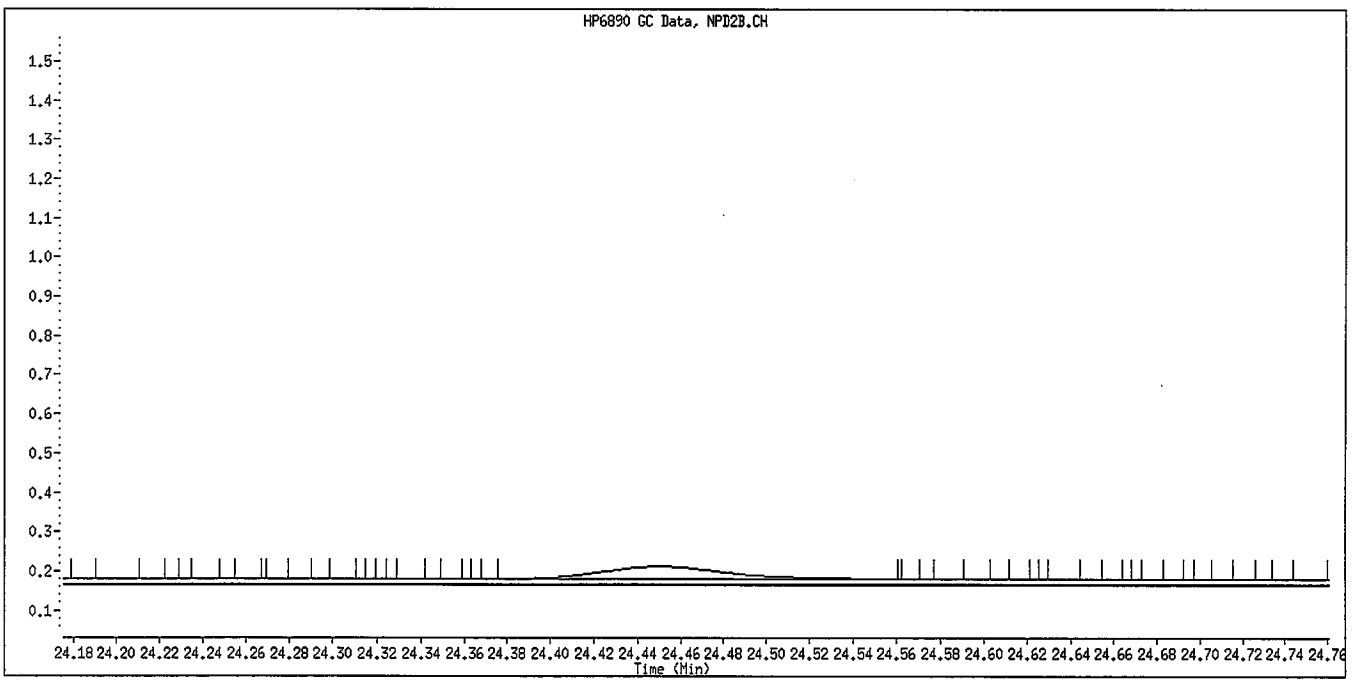
Date : 06-AUG-2009 15:32
Client ID: 8141 L6 GSV87009
Sample Info: 8141 L6 GSV87009
Column phase: RTx-OPPest

Instrument: GC_D,i
Operator: MPK/TLW
Column diameter: 0.32

Data File Name: 004F0401.D
Inj. Date and Time: 06-AUG-2009 15:32
Instrument ID: GC_D.i
Client ID: 8141 L6 GSV87009
Compound Name: Anilazine
CAS #:
Report Date: 08/07/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\005F0501.D
Lab Smp Id: 8141 L5 GSV87109 Client Smp ID: 8141 L5 GSV87109
Inj Date : 06-AUG-2009 16:08
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L5 GSV87109
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Meth Date : 07-Aug-2009 13:43 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 15:32 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	6.758	6.758	(0.417)	2799704	3.00000	2.781
	2 Dichlorvos	8.952	8.952	(0.553)	1333315	3.00000	2.971
$	3 Chlormefos	12.884	12.885	(0.796)	2008587	3.00000	3.033
	4 Mevinphos	13.005	13.006	(0.803)	847872	3.00000	3.057
	5 Demeton-O	15.939	15.939	(0.984)	412863	0.97500	1.002
	6 Thionazin	16.067	16.067	(0.992)	1827286	3.00000	2.994
*	7 Tributylphosphate	16.193	16.193	(1.000)	1076666	2.00000	
	8 Ethoprop	16.333	16.332	(1.009)	1622717	3.00000	3.047
	9 Naled	16.920	16.921	(1.045)	617906	3.00000	3.041
	10 Sulfotepp	17.234	17.234	(1.064)	2658508	3.00000	2.956
	11 Phorate	17.269	17.268	(1.066)	1282443	3.00000	2.819
	12 Demeton-S	17.962	17.962	(1.109)	883006	2.04000	2.136
	13 Simazine	18.368	18.368	(1.134)	364617	3.00000	2.966
	14 Atrazine / Propazine	18.434	18.434	(1.138)	1477699	6.00000	5.980(A)
	15 Dimethoate	18.569	18.569	(1.147)	1616390	3.00000	3.051
	16 Diazinon	18.967	18.967	(1.171)	1534143	3.00000	2.875
	17 Disulfoton	19.230	19.231	(1.188)	1604334	3.00000	2.976
	18 Methyl Parathion	21.131	21.132	(0.736)	1163940	3.00000	3.065(A)
	19 Ronnel	21.222	21.222	(0.739)	1338480	3.00000	2.963
	20 Malathion	22.492	22.492	(0.784)	1103657	3.00000	3.022
	21 Chlorpyrifos	22.644	22.644	(0.789)	1290170	3.00000	3.040
	22 Trichloronate	22.819	22.819	(0.795)	1622974	3.00000	3.070
	23 Parathion	22.865	22.866	(0.797)	1339063	3.00000	2.965
	24 Fenthion	22.941	22.942	(0.799)	1408001	3.00000	3.053
	25 Merphos-A (Merphos)	23.472	23.472	(0.818)	1003697	3.00000	3.056
	26 Anilazine	24.450	24.451	(0.852)	101616	3.00000	2.958
	27 Tetrachlorvinphos (stirophos)	25.869	25.869	(0.901)	925221	3.00000	3.066
	28 Tokuthion	26.043	26.043	(0.907)	1535968	3.00000	3.106
	29 Merphos-B (Merphos oxone)	26.175	26.176	(0.912)	395538	3.00000	3.117
	30 Carbophenothion methyl	26.999	26.999	(0.941)	1108708	3.00000	3.207
	31 Fensulfothion	27.237	27.237	(0.949)	932760	3.00000	3.073
	32 Bolstar	27.346	27.347	(0.953)	1385729	3.00000	2.927
	33 Carbophenothion	27.459	27.460	(0.957)	1220101	3.00000	3.083

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Famphur	27.644	27.644	(0.963)	1132909	3.00000	3.133
$	35 Triphenyl phosphate	27.932	27.932	(0.973)	1016178	3.00000	3.003
	36 EPN	28.239	28.240	(0.984)	1171469	3.00000	3.018
	37 Phosmet	28.365	28.366	(0.988)	974935	3.00000	3.048
*	38 TOCP	28.704	28.705	(1.000)	781995	2.00000	
	39 Azinphos-methyl	28.815	28.816	(1.004)	823806	3.00000	3.081
	40 Azinphos-ethyl	29.127	29.127	(1.015)	875242	3.00000	3.086
	41 Coumaphos	29.453	29.453	(1.026)	780746	3.00000	3.043
M	42 Total Demeton				1295869	3.00000	3.138
M	43 Merphos				1399235	3.00000	3.046(A)

QC Flag Legend

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

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D.i
Lab File ID: 005F0501.D
Lab Smp Id: 8141 L5 GSV87109
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Misc Info:

Calibration Date: 06-AUG-2009
Calibration Time: 19:10
Client Smp ID: 8141 L5 GSV8710
Level:
Sample Type:

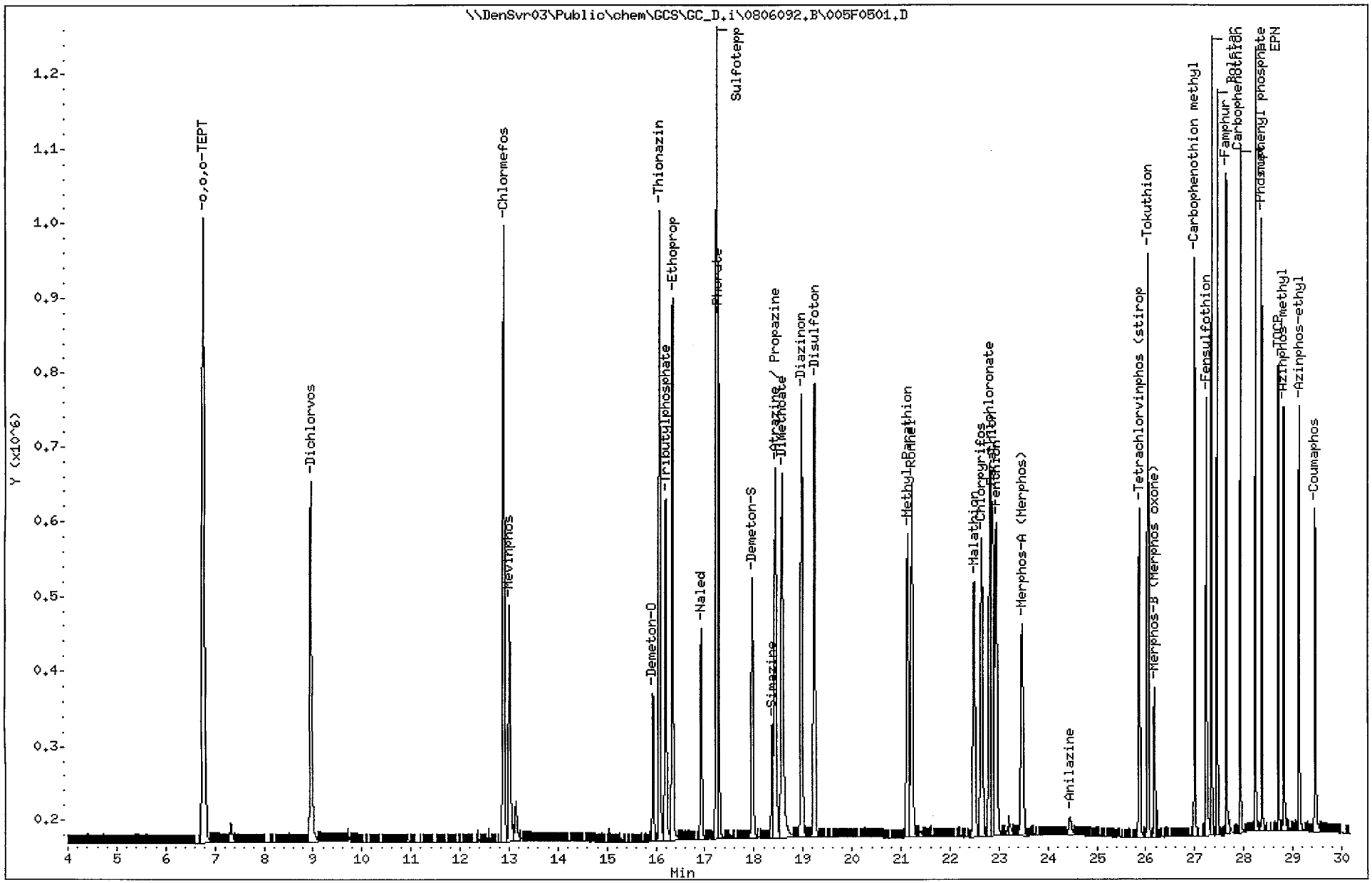
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	989795	494898	1979590	1076666	8.78
38 TOCP	732545	366273	1465090	781995	6.75

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.19	15.69	16.69	16.19	-0.01
38 TOCP	28.70	28.20	29.20	28.70	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_D.i\0806092.B\005F0501.D
Date : 06-AUG-2009 16:08
Client ID: 8141 L5 GSV87109
Sample Info: 8141 L5 GSV87109

Instrument: GC_D.i
Operator: MPK/TLW
Column phase: RTx-OPPest
Column diameter: 0.32



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\006F0601.D
Lab Smp Id: 8141 L4 GSV87209 Client Smp ID: 8141 L4 GSV87209
Inj Date : 06-AUG-2009 16:45
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L4 GSV87209
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Meth Date : 07-Aug-2009 13:43 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 16:08 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	6.762	6.758	(0.418)	1914198	2.00000	2.014
	2 Dichlorvos	8.958	8.952	(0.553)	874015	2.00000	2.064
$	3 Chlormefos	12.887	12.885	(0.796)	1328045	2.00000	2.103
	4 Mevinphos	13.009	13.006	(0.803)	555210	2.00000	2.135
	5 Demeton-O	15.940	15.939	(0.984)	271398	0.65000	0.6980
	6 Thionazin	16.069	16.067	(0.992)	1221359	2.00000	2.120
*	7 Tributylphosphate	16.195	16.193	(1.000)	1016126	2.00000	
	8 Ethoprop	16.335	16.332	(1.009)	1095403	2.00000	2.130
	9 Naled	16.922	16.921	(1.045)	373106	2.00000	2.032
	10 Sulfotepp	17.235	17.234	(1.064)	1787767	2.00000	2.106
	11 Phorate	17.268	17.268	(1.066)	854395	2.00000	1.990
	12 Demeton-S	17.965	17.962	(1.109)	565529	1.36000	1.449
	13 Simazine	18.371	18.368	(1.134)	217050	2.00000	1.977
	14 Atrazine / Propazine	18.435	18.434	(1.138)	954882	4.00000	4.094
	15 Dimethoate	18.574	18.569	(1.147)	1037511	2.00000	2.094
	16 Diazinon	18.969	18.967	(1.171)	1036618	2.00000	2.058
	17 Disulfoton	19.231	19.231	(1.188)	1063966	2.00000	2.092
	18 Methyl Parathion	21.134	21.132	(0.736)	753320	2.00000	2.090(A)
	19 Ronnel	21.221	21.222	(0.739)	868895	2.00000	1.999
	20 Malathion	22.495	22.492	(0.784)	728530	2.00000	2.084
	21 Chlorpyrifos	22.645	22.644	(0.789)	832490	2.00000	2.052
	22 Trichloronate	22.819	22.819	(0.795)	1021736	2.00000	2.031
	23 Parathion	22.866	22.866	(0.797)	893471	2.00000	1.967
	24 Fenthion	22.943	22.942	(0.799)	922040	2.00000	2.070
	25 Merphos-A (Merphos)	23.475	23.472	(0.818)	631476	2.00000	2.042
	26 Anilazine	24.455	24.451	(0.852)	64885	2.00000	2.006(M)
	27 Tetrachlorvinphos (stirophos)	25.870	25.869	(0.901)	576694	2.00000	2.014
	28 Tokuthion	26.044	26.043	(0.907)	995028	2.00000	2.091
	29 Merphos-B (Merphos oxone)	26.176	26.176	(0.912)	293170	2.00000	1.995
	30 Carbophenothion methyl	27.000	26.999	(0.941)	713460	2.00000	2.144
	31 Fensulfothion	27.240	27.237	(0.949)	603115	2.00000	2.094
	32 Bolstar	27.347	27.347	(0.953)	934727	2.00000	2.052
	33 Carbophenothion	27.460	27.460	(0.957)	792249	2.00000	2.080

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/mL)
	34 Famphur	27.645	27.644	(0.963)	755474	2.00000	2.171
$	35 Triphenyl phosphate	27.934	27.932	(0.973)	686859	2.00000	2.109
	36 EPN	28.240	28.240	(0.984)	787334	2.00000	2.108
	37 Phosmet	28.367	28.366	(0.988)	636769	2.00000	2.087
*	38 TOCP	28.705	28.705	(1.000)	752526	2.00000	
	39 Azinphos-methyl	28.817	28.816	(1.004)	524807	2.00000	2.058
	40 Azinphos-ethyl	29.129	29.127	(1.015)	585286	2.00000	2.144
	41 Coumaphos	29.456	29.453	(1.026)	504566	2.00000	2.058
M	42 Total Demeton				836927	2.00000	2.148
M	43 Merphos				924646	2.00000	2.091(A)

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

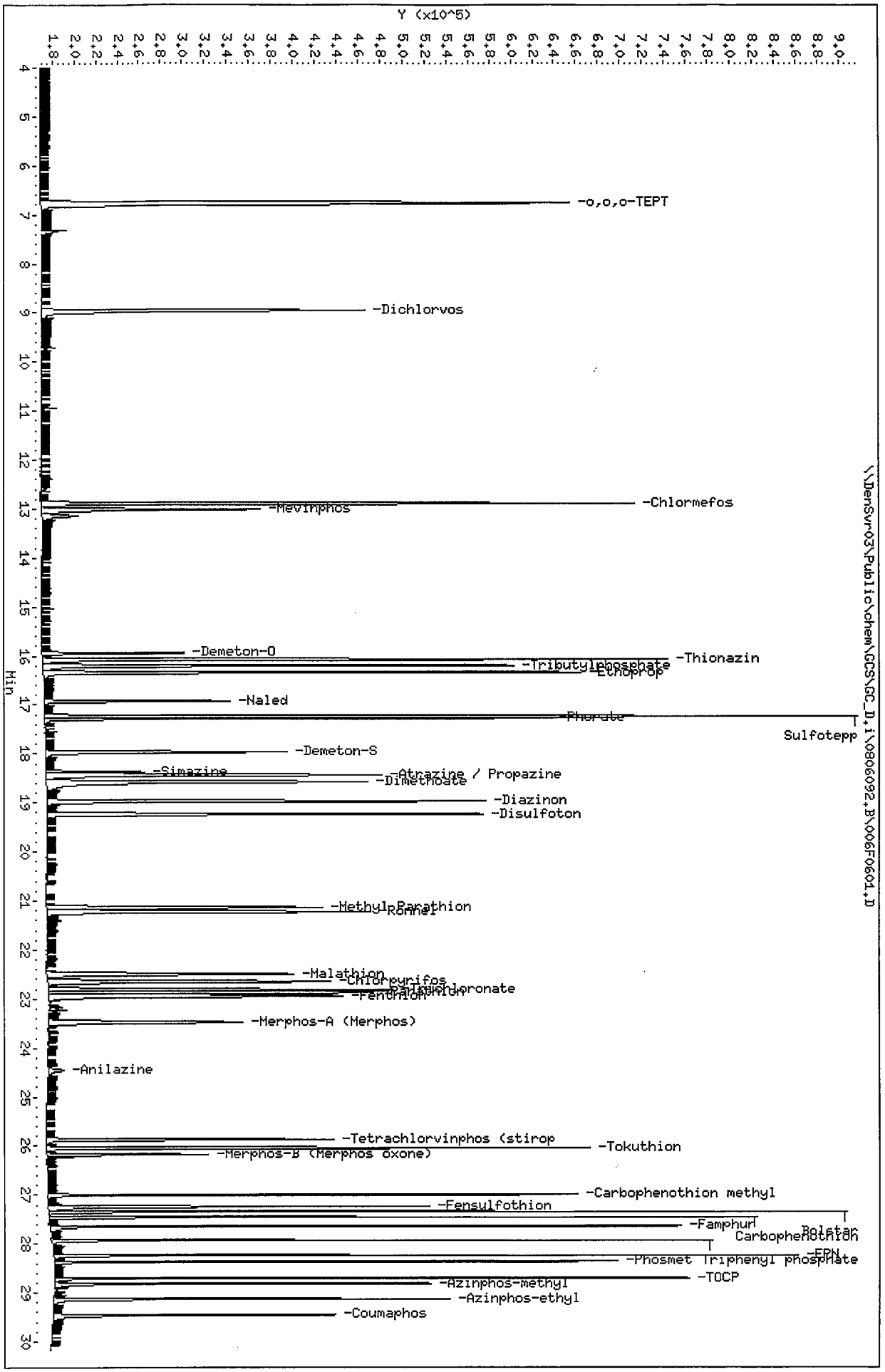
Instrument ID: GC_D.i
Lab File ID: 006F0601.D
Lab Smp Id: 8141 L4 GSV87209
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Misc Info:

Calibration Date: 06-AUG-2009
Calibration Time: 19:10
Client Smp ID: 8141 L4 GSV8720
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	989795	494898	1979590	1016126	2.66
38 TOCP	732545	366273	1465090	752526	2.73

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.19	15.69	16.69	16.20	0.00
38 TOCP	28.70	28.20	29.20	28.71	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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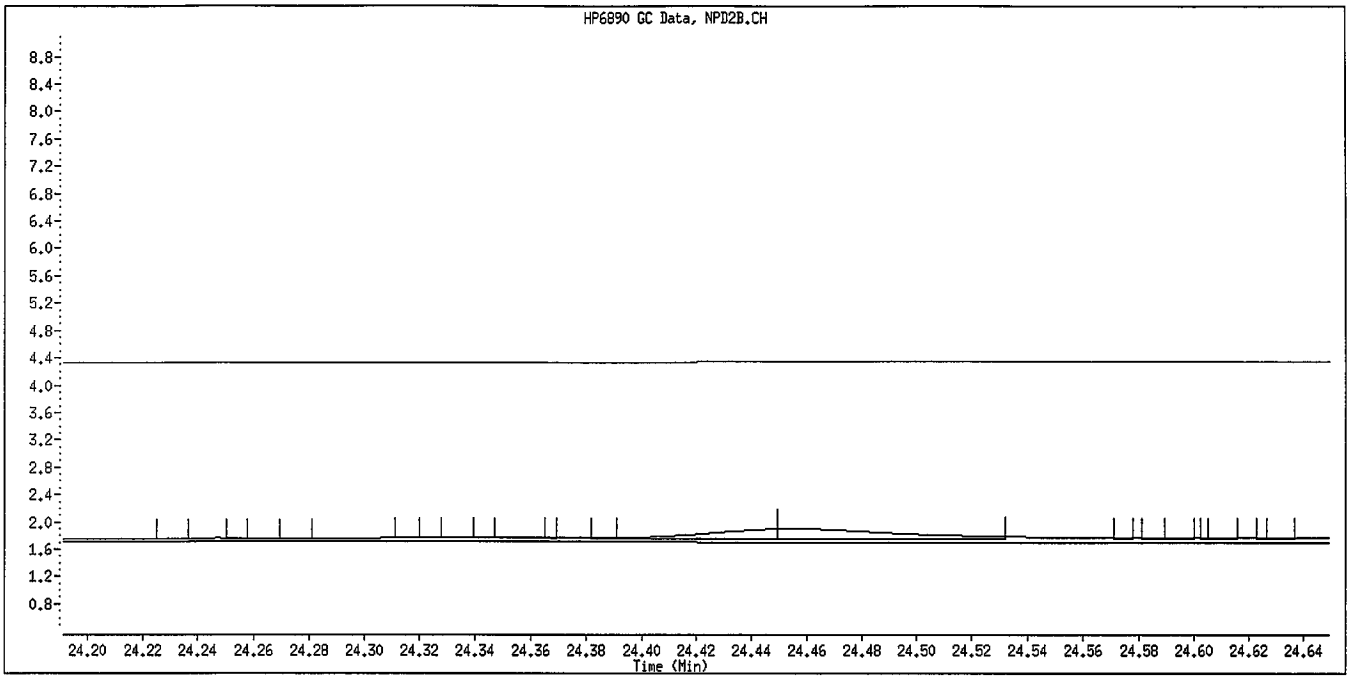
Date : 06-AUG-2009 16:45
Client ID: 8141 L4 GSV87209
Sample Info: 8141 L4 GSV87209
Column phase: RTx-OPPest

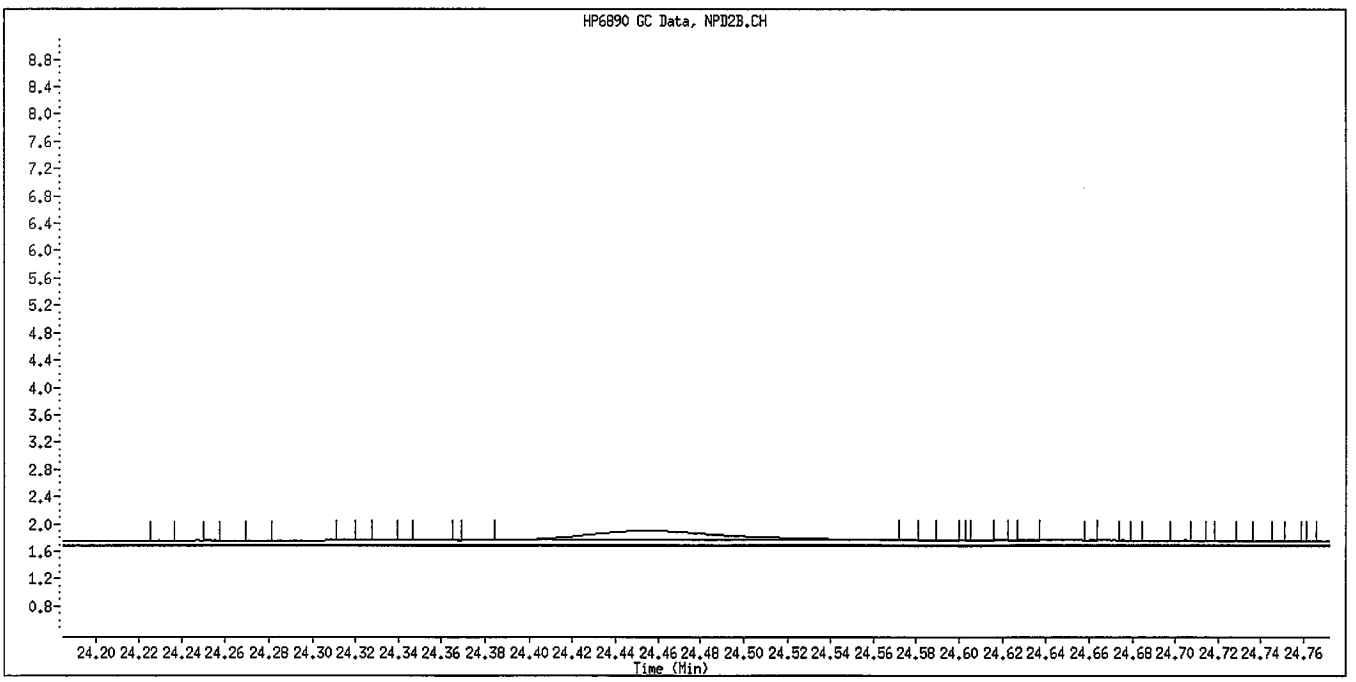
\\DenSvr03\Public\chem\GCS\GC_D,i\0806092,B\006F0601.D

Instrument: GC_D,i
Operator: MPK/TLW
Column diameter: 0.32

Data File Name: 006F0601.D
Inj. Date and Time: 06-AUG-2009 16:45
Instrument ID: GC_D.i
Client ID: 8141 L4 GSV87209
Compound Name: Anilazine
CAS #:
Report Date: 08/07/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\007F0701.D
Lab Smp Id: 8141 L3 GSV87309 Client Smp ID: 8141 L3 GSV87309
Inj Date : 06-AUG-2009 17:21
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L3 GSV87309
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Meth Date : 07-Aug-2009 13:43 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 16:45 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	6.759	6.758	(0.417)	965130	1.00000	1.043
	2 Dichlorvos	8.955	8.952	(0.553)	409559	1.00000	0.9932
$	3 Chlormefos	12.886	12.885	(0.796)	643087	1.00000	1.010
	4 Mevinphos	13.013	13.006	(0.803)	249277	1.00000	1.009
	5 Demeton-O	15.940	15.939	(0.984)	127811	0.32500	0.3377
	6 Thionazin	16.070	16.067	(0.992)	594152	1.00000	1.059
*	7 Tributylphosphate	16.198	16.193	(1.000)	989216	2.00000	
	8 Ethoprop	16.338	16.332	(1.009)	555560	1.00000	1.027
	9 Naled	16.925	16.921	(1.045)	159760	1.00000	1.000
	10 Sulfotepp	17.236	17.234	(1.064)	899443	1.00000	1.088
	11 Phorate	17.269	17.268	(1.066)	418518	1.00000	1.001
	12 Demeton-S	17.970	17.962	(1.109)	277186	0.68000	0.7298
	13 Simazine	18.376	18.368	(1.134)	82213	1.00000	0.9444
	14 Atrazine / Propazine	18.438	18.434	(1.138)	459489	2.00000	2.024
	15 Dimethoate	18.584	18.569	(1.147)	484895	1.00000	1.037
	16 Diazinon	18.970	18.967	(1.171)	521338	1.00000	1.063
	17 Disulfoton	19.232	19.231	(1.187)	520826	1.00000	1.052
	18 Methyl Parathion	21.136	21.132	(0.736)	351856	1.00000	1.028
	19 Ronnel	21.224	21.222	(0.739)	432694	1.00000	1.002
	20 Malathion	22.495	22.492	(0.784)	354820	1.00000	1.040
	21 Chlorpyrifos	22.646	22.644	(0.789)	394413	1.00000	0.9994
	22 Trichloronate	22.821	22.819	(0.795)	455989	1.00000	0.9480
	23 Parathion	22.868	22.866	(0.797)	440954	1.00000	0.9703
	24 Fenthion	22.945	22.942	(0.799)	455004	1.00000	1.016
	25 Merphos-A (Merphos)	23.476	23.472	(0.818)	277563	1.00000	0.9745
	26 Anilazine	24.465	24.451	(0.852)	27039	1.00000	0.9154(M)
	27 Tetrachlorvinphos (stirophos)	25.873	25.869	(0.901)	256768	1.00000	0.9456
	28 Tokuthion	26.046	26.043	(0.907)	475219	1.00000	1.005
	29 Merphos-B (Merphos oxone)	26.177	26.176	(0.912)	174313	1.00000	0.8959
	30 Carbophenothion methyl	27.001	26.999	(0.941)	335861	1.00000	1.016
	31 Fensulfothion	27.245	27.237	(0.949)	280688	1.00000	1.028
	32 Bolstar	27.348	27.347	(0.953)	476810	1.00000	1.053
	33 Carbophenothion	27.461	27.460	(0.957)	385145	1.00000	1.018

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Famphur	27.646	27.644	(0.963)	361510	1.00000	1.046
$	35 Triphenyl phosphate	27.935	27.932	(0.973)	342483	1.00000	1.059
	36 EPN	28.241	28.240	(0.984)	391460	1.00000	1.055
	37 Phosmet	28.369	28.366	(0.988)	302493	1.00000	1.027
*	38 TOCP	28.706	28.705	(1.000)	747627	2.00000	
	39 Azinphos-methyl	28.819	28.816	(1.004)	240868	1.00000	0.9800
	40 Azinphos-ethyl	29.131	29.127	(1.015)	286560	1.00000	1.057
	41 Coumaphos	29.459	29.453	(1.026)	236130	1.00000	0.9934
M	42 Total Demeton				404997	1.00000	1.067
M	43 Merphos				451876	1.00000	1.026

QC Flag Legend

M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

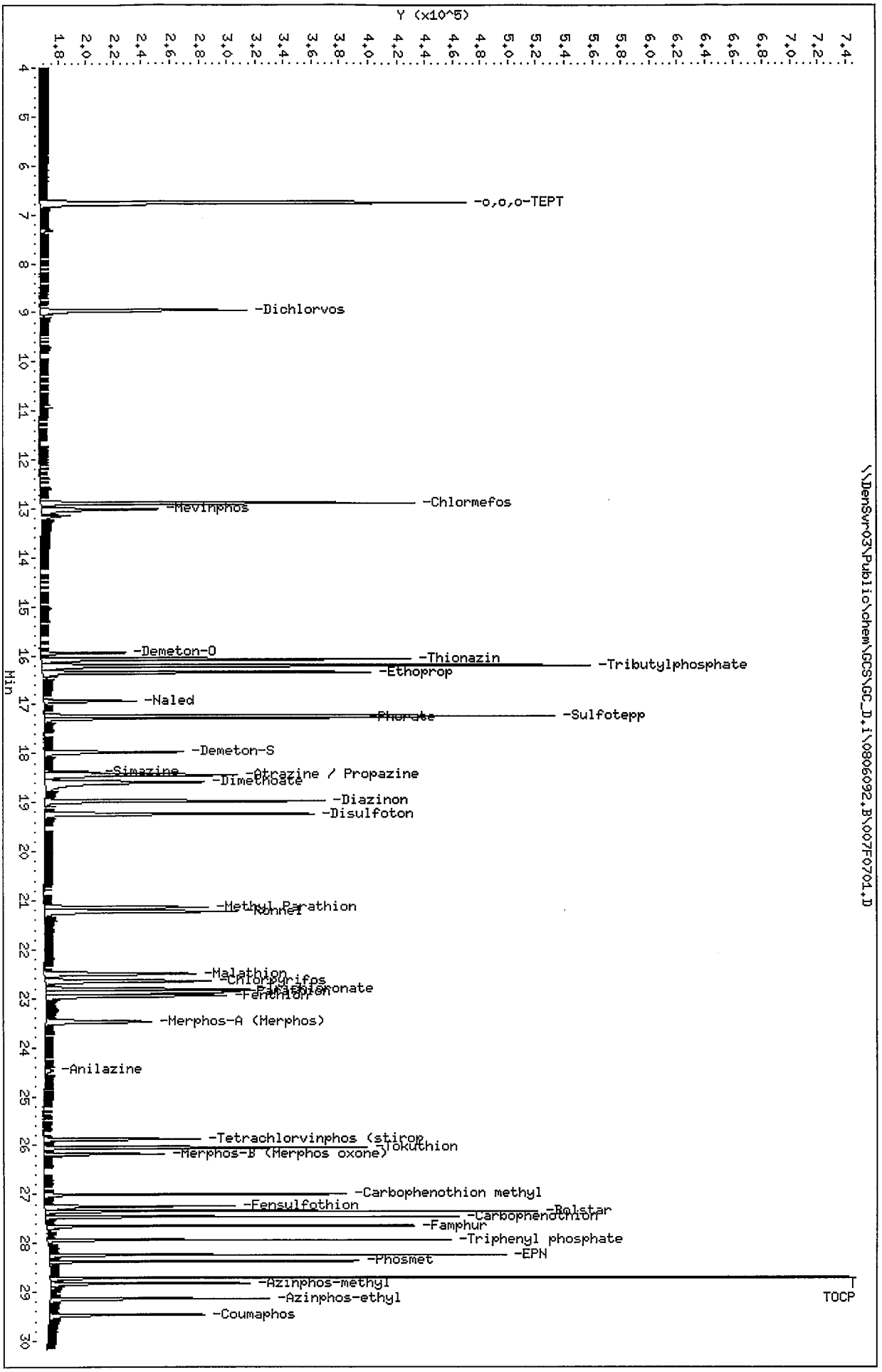
Instrument ID: GC_D.i
Lab File ID: 007F0701.D
Lab Smp Id: 8141 L3 GSV87309
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Misc Info:

Calibration Date: 06-AUG-2009
Calibration Time: 19:10
Client Smp ID: 8141 L3 GSV8730
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	989795	494898	1979590	989216	-0.06
38 TOCP	732545	366273	1465090	747627	2.06

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.19	15.69	16.69	16.20	0.02
38 TOCP	28.70	28.20	29.20	28.71	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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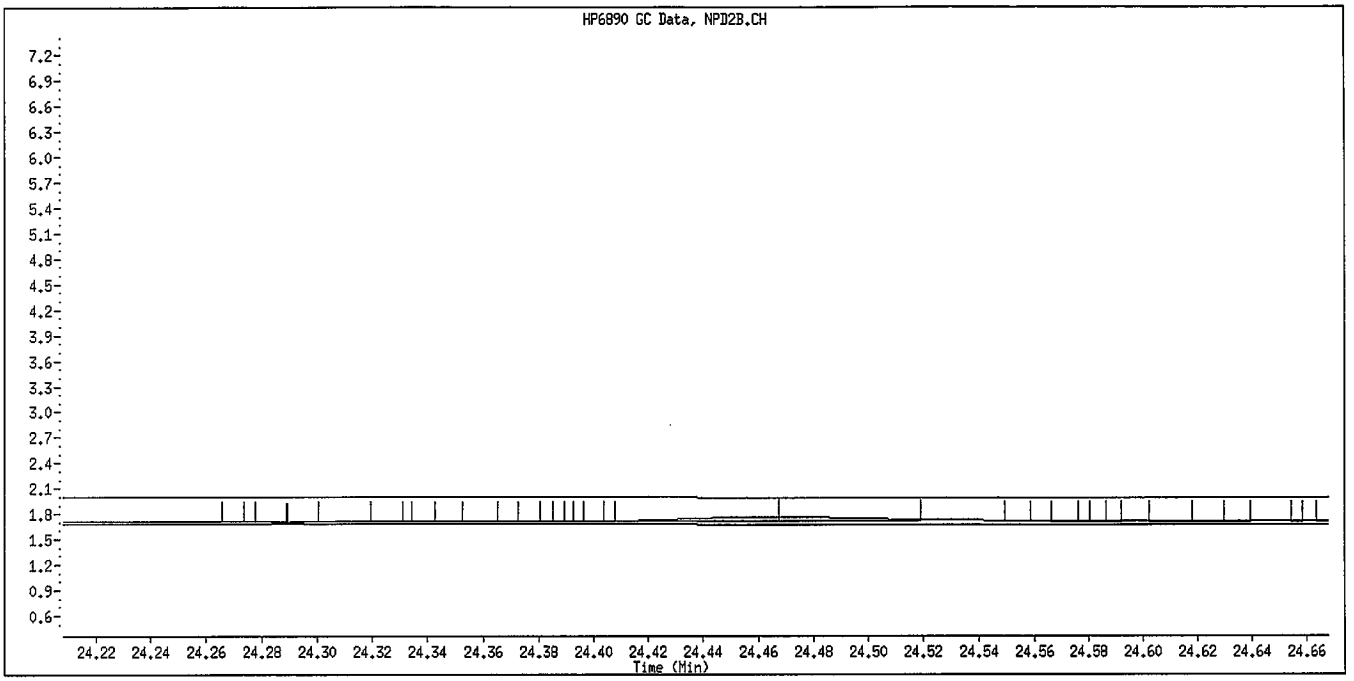
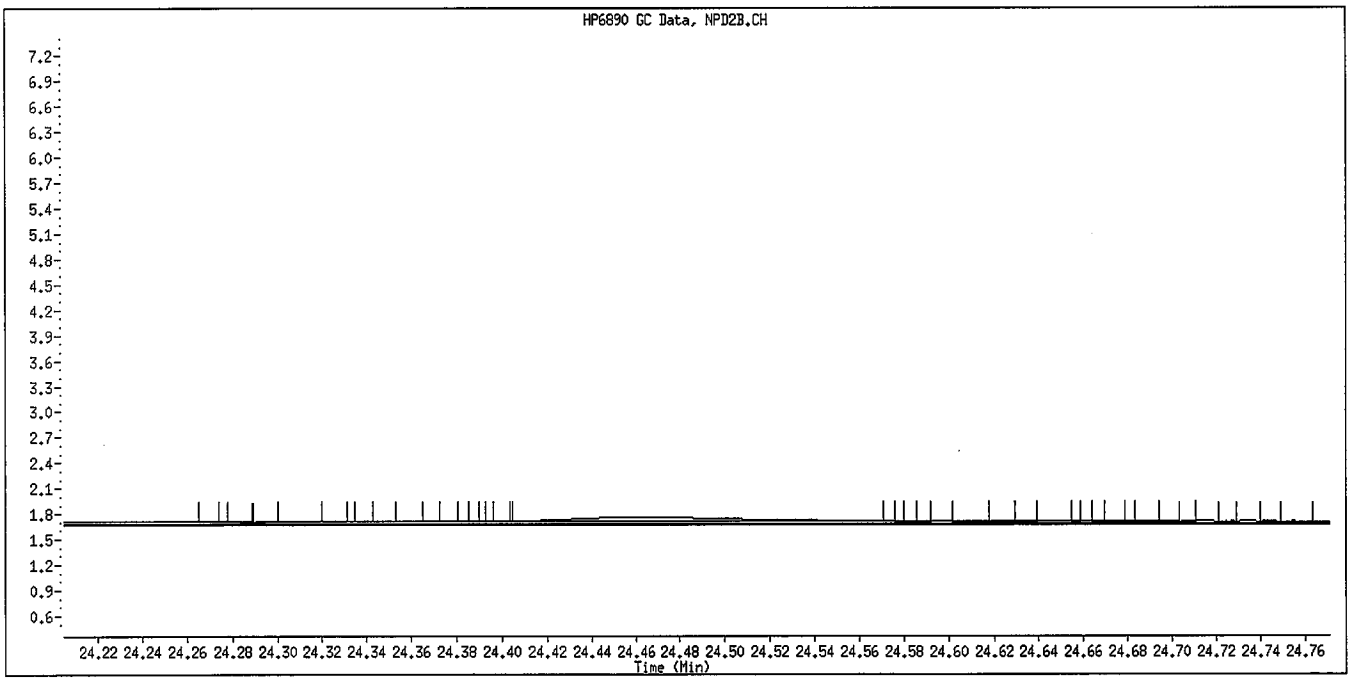
Date : 06-AUG-2009 17:21
Client ID: 8141 L3 GSV87309
Sample Info: 8141 L3 GSV87309
Column phase: RTx-OPPest

Instrument: GC_D,i
Operator: MPK/TLW
Column diameter: 0.32

Data File Name: 007F0701.D
Inj. Date and Time: 06-AUG-2009 17:21
Instrument ID: GC_D.i
Client ID: 8141 L3 GSV87309
Compound Name: Anilazine
CAS #:
Report Date: 08/07/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\008F0801.D
Lab Smp Id: 8141 L2 GSV87409 Client Smp ID: 8141 L2 GSV87409
Inj Date : 06-AUG-2009 17:58
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L2 GSV87409
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Meth Date : 07-Aug-2009 13:43 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 17:21 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	6.760	6.758	(0.417)	446074	0.50000	0.5083
	2 Dichlorvos	8.957	8.952	(0.553)	184786	0.50000	0.4724
$	3 Chlormefos	12.887	12.885	(0.795)	285008	0.50000	0.4339
	4 Mevinphos	13.017	13.006	(0.803)	90159	0.50000	0.4122
	5 Demeton-O	15.943	15.939	(0.984)	52208	0.16250	0.1454
	6 Thionazin	16.072	16.067	(0.992)	254165	0.50000	0.4777
*	7 Tributylphosphate	16.203	16.193	(1.000)	938496	2.00000	
	8 Ethoprop	16.341	16.332	(1.009)	267910	0.50000	0.4373
	9 Naled	16.928	16.921	(1.045)	47634	0.50000	0.4328
	10 Sulfotepp	17.237	17.234	(1.064)	366024	0.50000	0.4669 (M)
	11 Phorate	17.263	17.268	(1.065)	194983	0.50000	0.4917 (M)
	12 Demeton-S	17.980	17.962	(1.110)	115344	0.34000	0.3201
	13 Simazine	18.389	18.368	(1.135)	15934	0.50000	0.4213
	14 Atrazine / Propazine	18.447	18.434	(1.139)	205001	1.00000	0.9517
	15 Dimethoate	18.611	18.569	(1.149)	178809	0.50000	0.4400 (M)
	16 Diazinon	18.974	18.967	(1.171)	230115	0.50000	0.4947
	17 Disulfoton	19.237	19.231	(1.187)	226407	0.50000	0.4819
	18 Methyl Parathion	21.146	21.132	(0.737)	130034	0.50000	0.4531
	19 Ronnel	21.229	21.222	(0.740)	194447	0.50000	0.4743
	20 Malathion	22.504	22.492	(0.784)	150756	0.50000	0.4856
	21 Chlorpyrifos	22.650	22.644	(0.789)	169871	0.50000	0.4753
	22 Trichloronate	22.826	22.819	(0.795)	196799	0.50000	0.4662
	23 Parathion	22.878	22.866	(0.797)	175066	0.50000	0.4646
	24 Fenthion	22.949	22.942	(0.799)	206817	0.50000	0.4732
	25 Merphos-A (Merphos)	23.483	23.472	(0.818)	104851	0.50000	0.4644
	26 Anilazine	24.499	24.451	(0.853)	10789	0.50000	0.4585 (M)
	27 Tetrachlorvinphos (stirophos)	25.879	25.869	(0.902)	97796	0.50000	0.4261
	28 Tokuthion	26.051	26.043	(0.907)	200061	0.50000	0.4456
	29 Merphos-B (Merphos oxone)	26.183	26.176	(0.912)	96740	0.50000	0.4507
	30 Carbophenothion methyl	27.005	26.999	(0.941)	134360	0.50000	0.4281
	31 Fensulfothion	27.255	27.237	(0.949)	101238	0.50000	0.4451
	32 Bolstar	27.351	27.347	(0.953)	211287	0.50000	0.4917
	33 Carbophenothion	27.464	27.460	(0.957)	161758	0.50000	0.4504

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Famphur	27.649	27.644	(0.963)	142973	0.50000	0.4356
$	35 Triphenyl phosphate	27.936	27.932	(0.973)	146162	0.50000	0.4759
	36 EPN	28.243	28.240	(0.984)	165917	0.50000	0.4710
	37 Phosmet	28.373	28.366	(0.988)	114720	0.50000	0.4440
*	38 TOCP	28.707	28.705	(1.000)	709802	2.00000	
	39 Azinphos-methyl	28.825	28.816	(1.004)	89923	0.50000	0.4185
	40 Azinphos-ethyl	29.136	29.127	(1.015)	116961	0.50000	0.4543
	41 Coumaphos	29.465	29.453	(1.026)	91236	0.50000	0.4310
M	42 Total Demeton				167552	0.50000	0.4655
M	43 Merphos				201591	0.50000	0.4803

QC Flag Legend

M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D.i
Lab File ID: 008F0801.D
Lab Smp Id: 8141 L2 GSV87409
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Misc Info:

Calibration Date: 06-AUG-2009
Calibration Time: 19:10
Client Smp ID: 8141 L2 GSV8740
Level:
Sample Type:

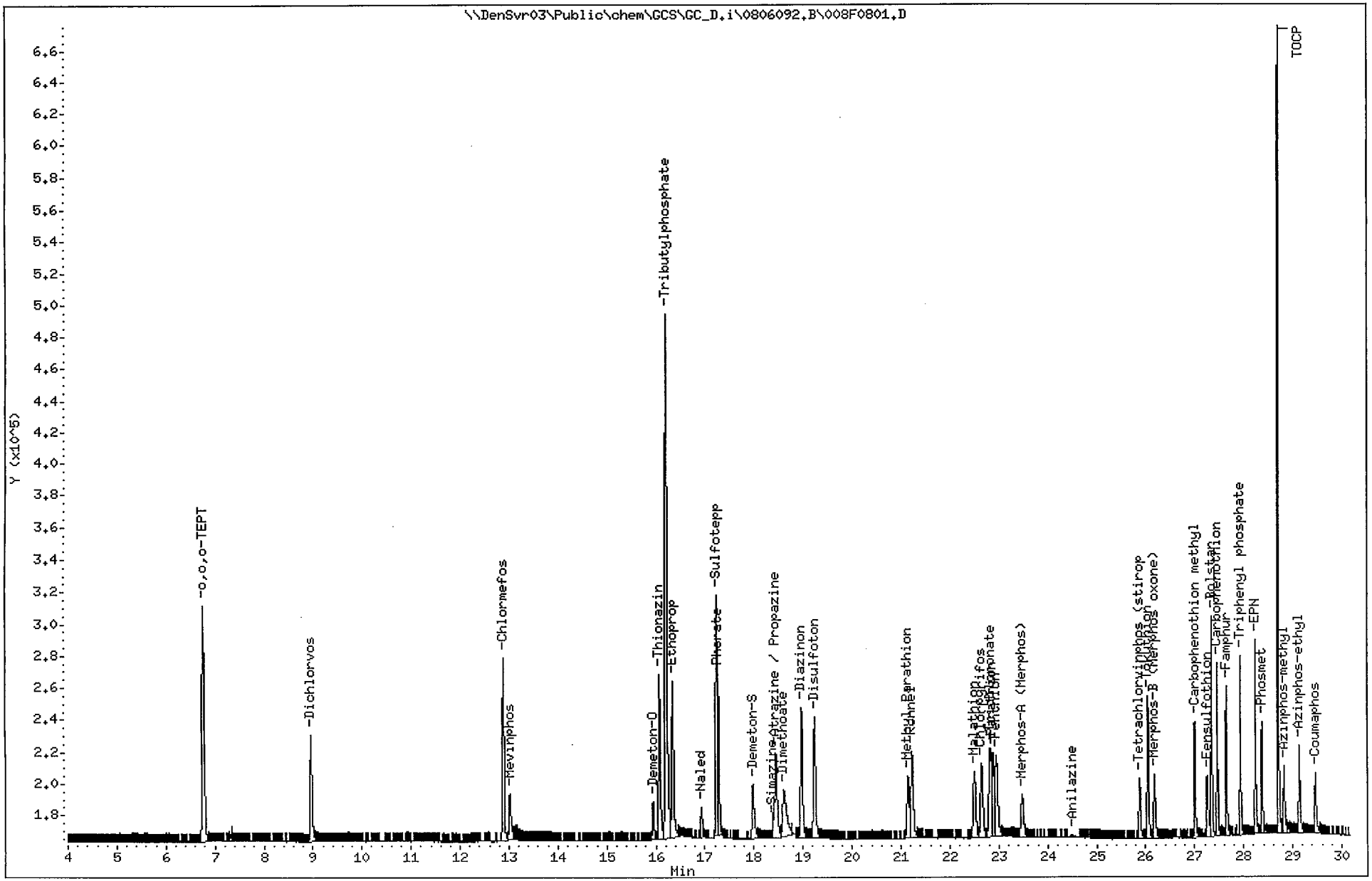
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	989795	494898	1979590	938496	-5.18
38 TOCP	732545	366273	1465090	709802	-3.10

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.19	15.69	16.69	16.20	0.05
38 TOCP	28.70	28.20	29.20	28.71	0.01

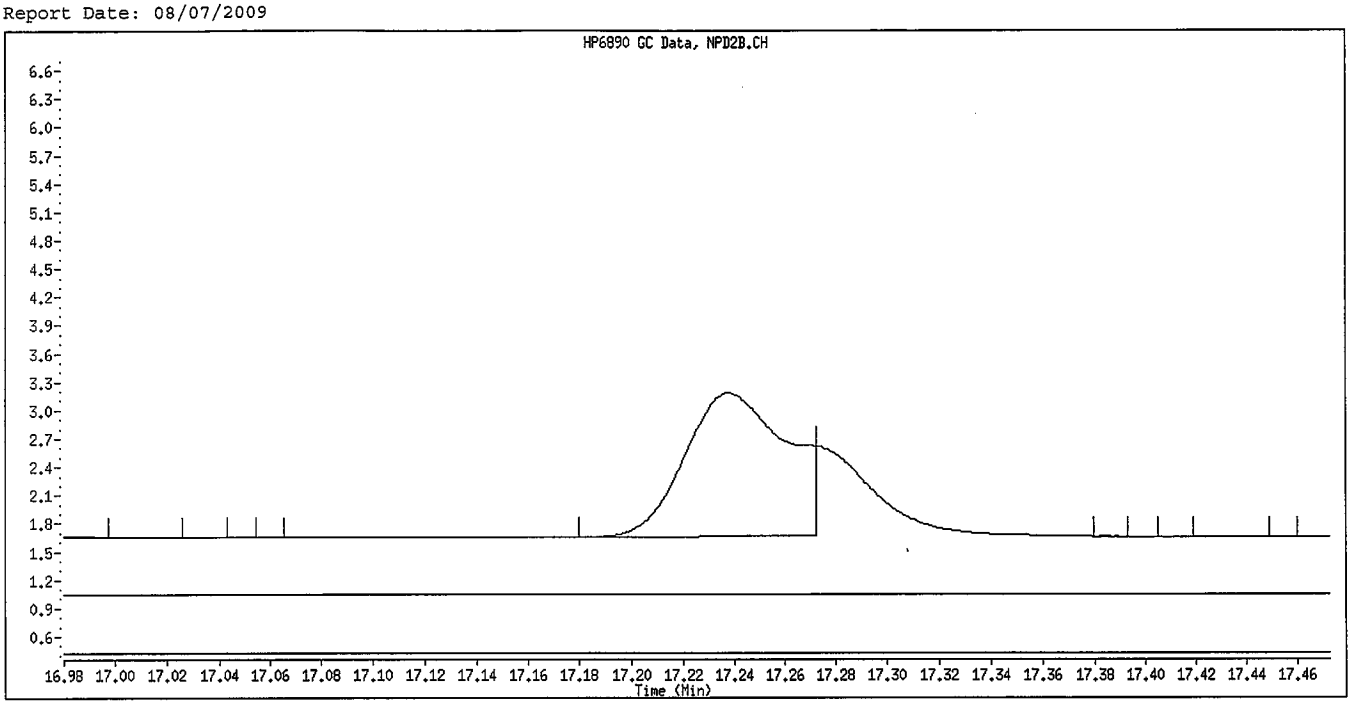
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\008F0801.D
Date : 06-AUG-2009 17:58
Client ID: 8141 L2 GSV87409
Sample Info: 8141 L2 GSV87409

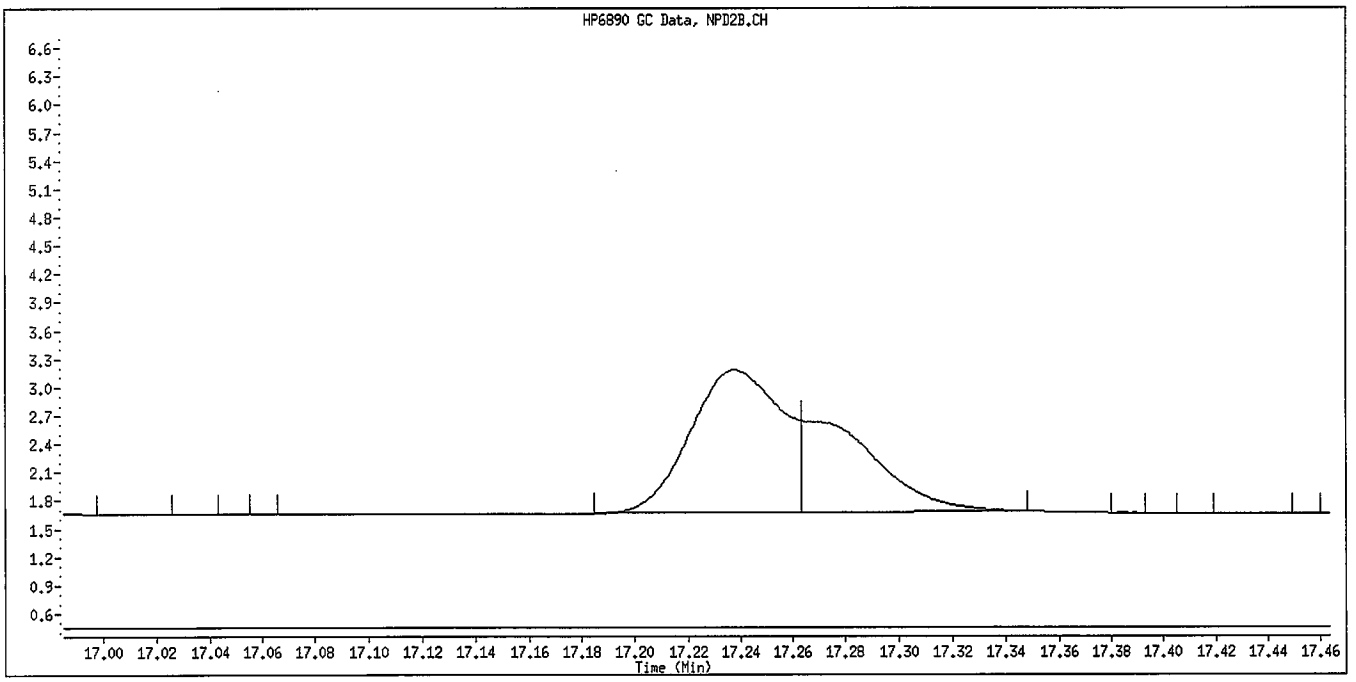
Instrument: GC_D.i
Operator: MPK/TLW
Column phase: RTx-OPPest
Column diameter: 0.32



Data File Name: 008F0801.D
Inj. Date and Time: 06-AUG-2009 17:58
Instrument ID: GC_D.i
Client ID: 8141 L2 GSV87409
Compound Name: Sulfotepp
CAS #:
Report Date: 08/07/2009



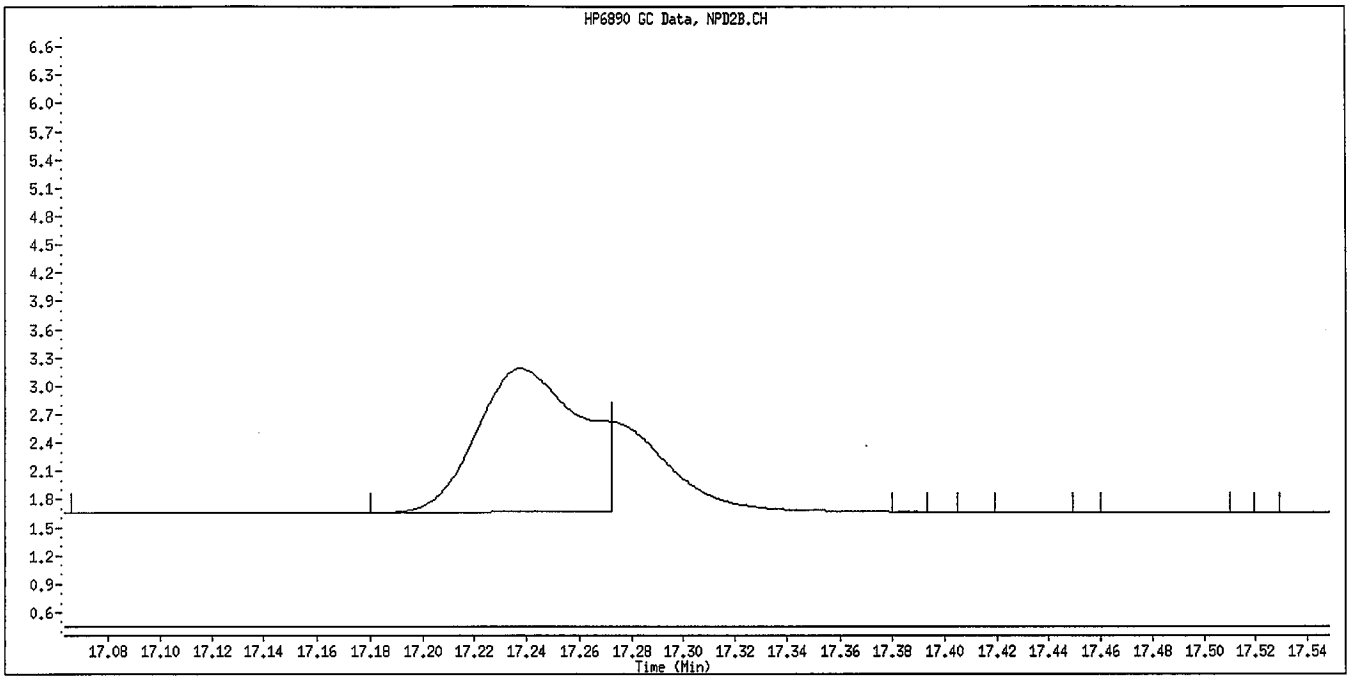
Original Integration



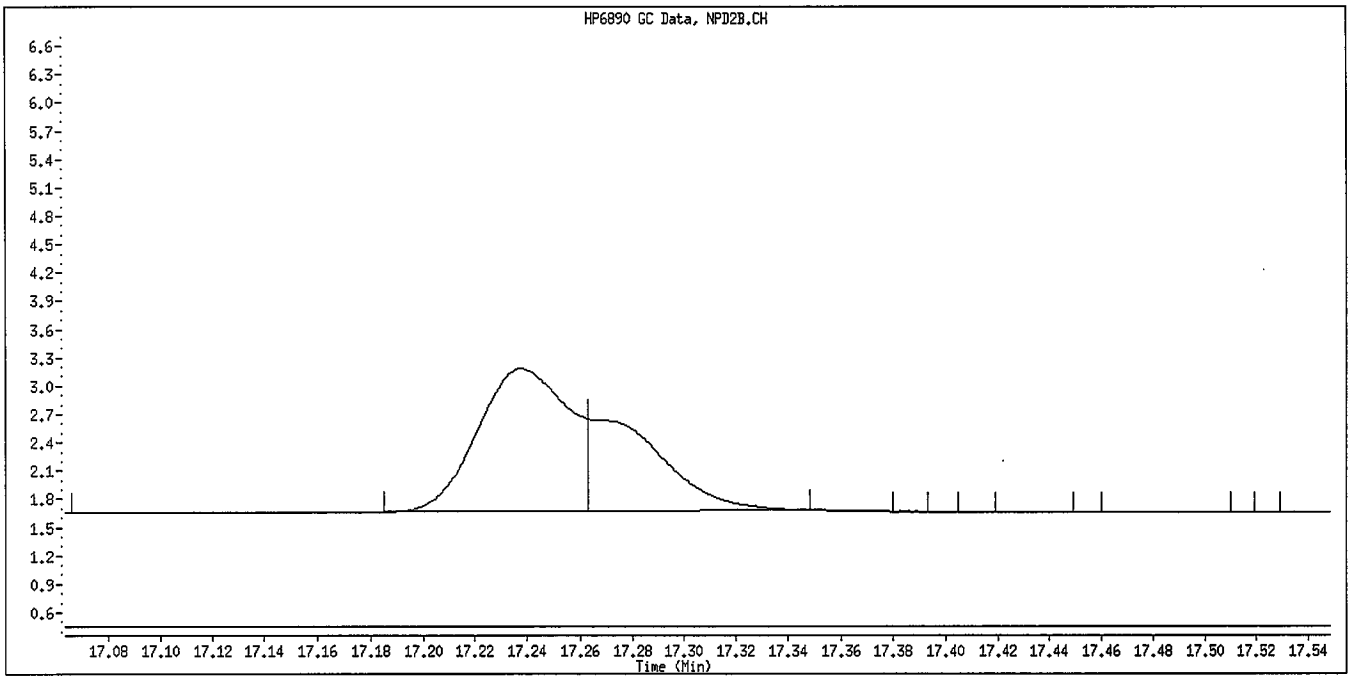
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 008F0801.D
Inj. Date and Time: 06-AUG-2009 17:58
Instrument ID: GC_D.i
Client ID: 8141 L2 GSV87409
Compound Name: Phorate
CAS #:
Report Date: 08/07/2009



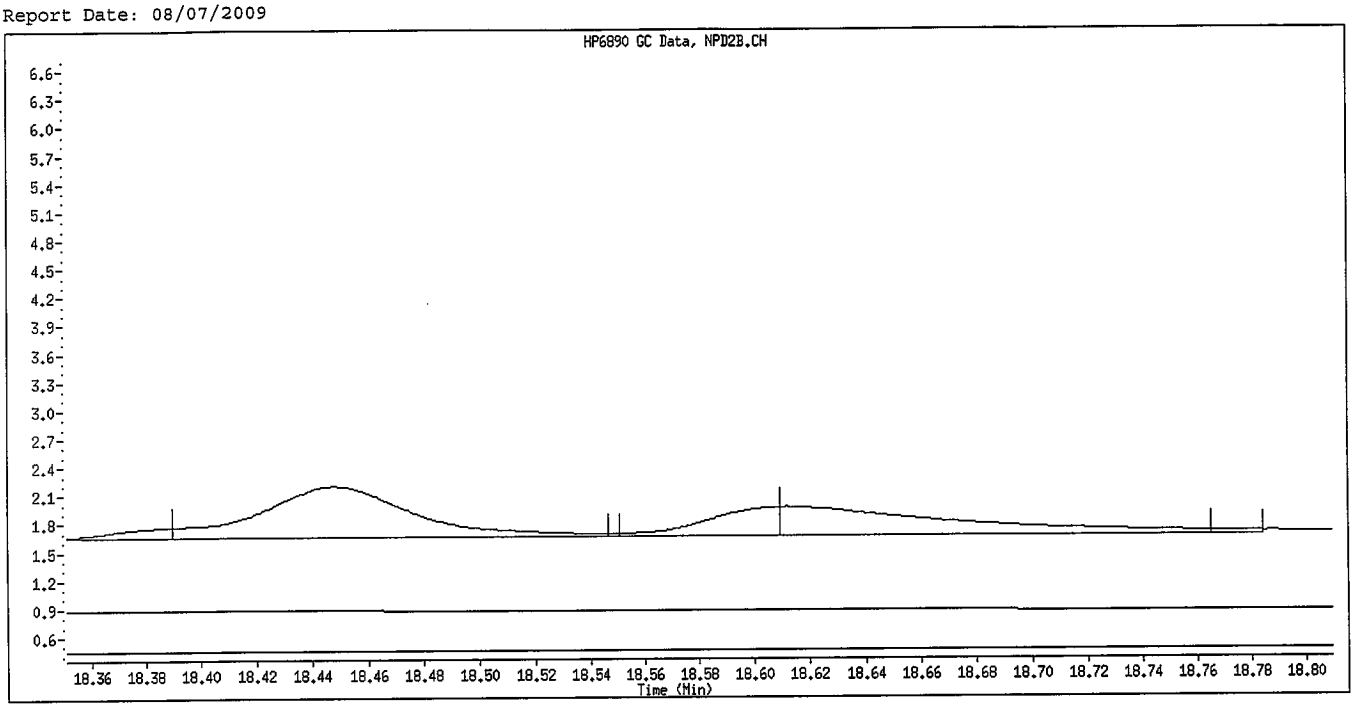
Original Integration



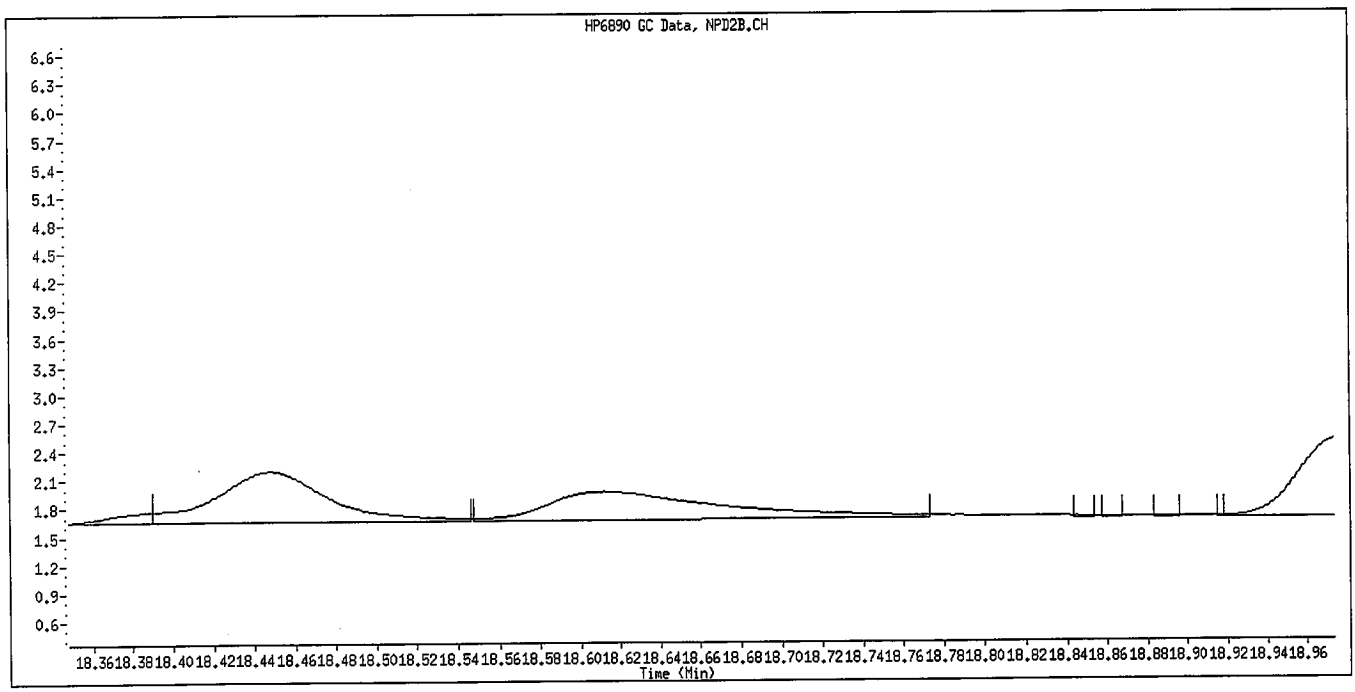
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 008F0801.D
Inj. Date and Time: 06-AUG-2009 17:58
Instrument ID: GC_D.i
Client ID: 8141 L2 GSV87409
Compound Name: Dimethoate
CAS #:
Report Date: 08/07/2009



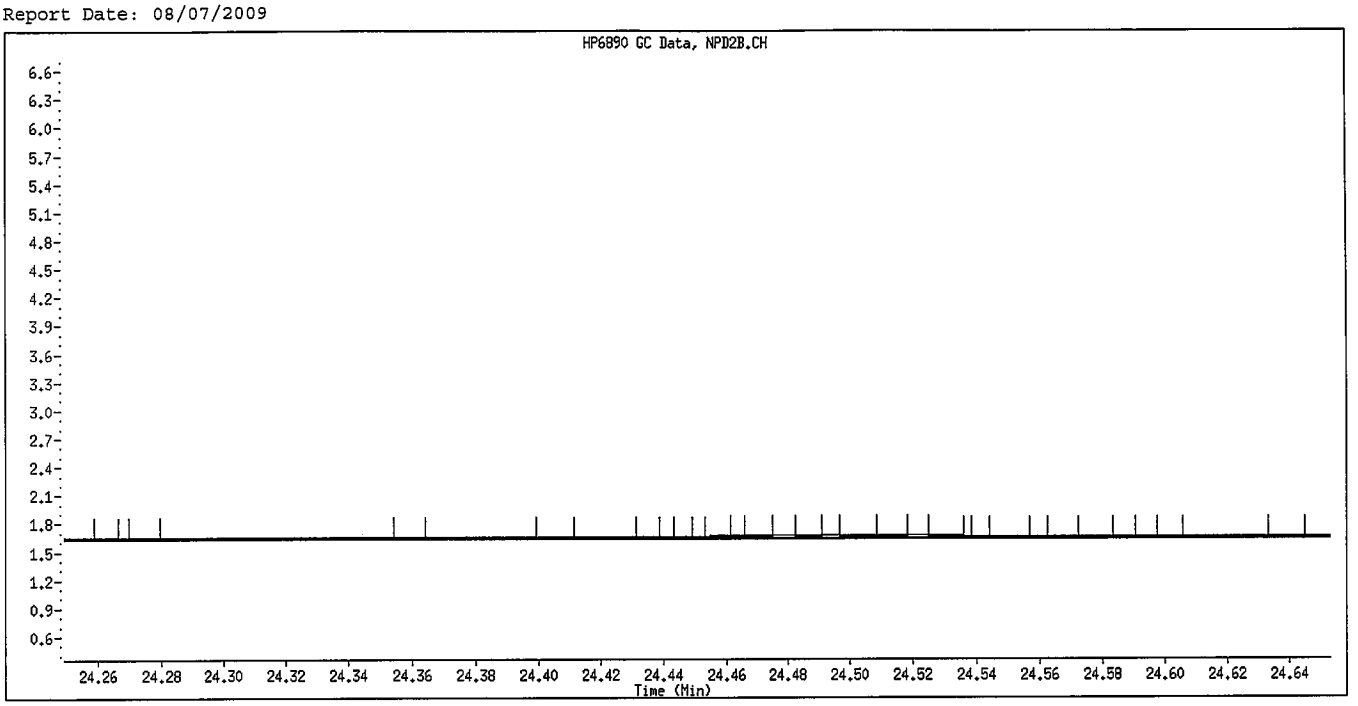
Original Integration



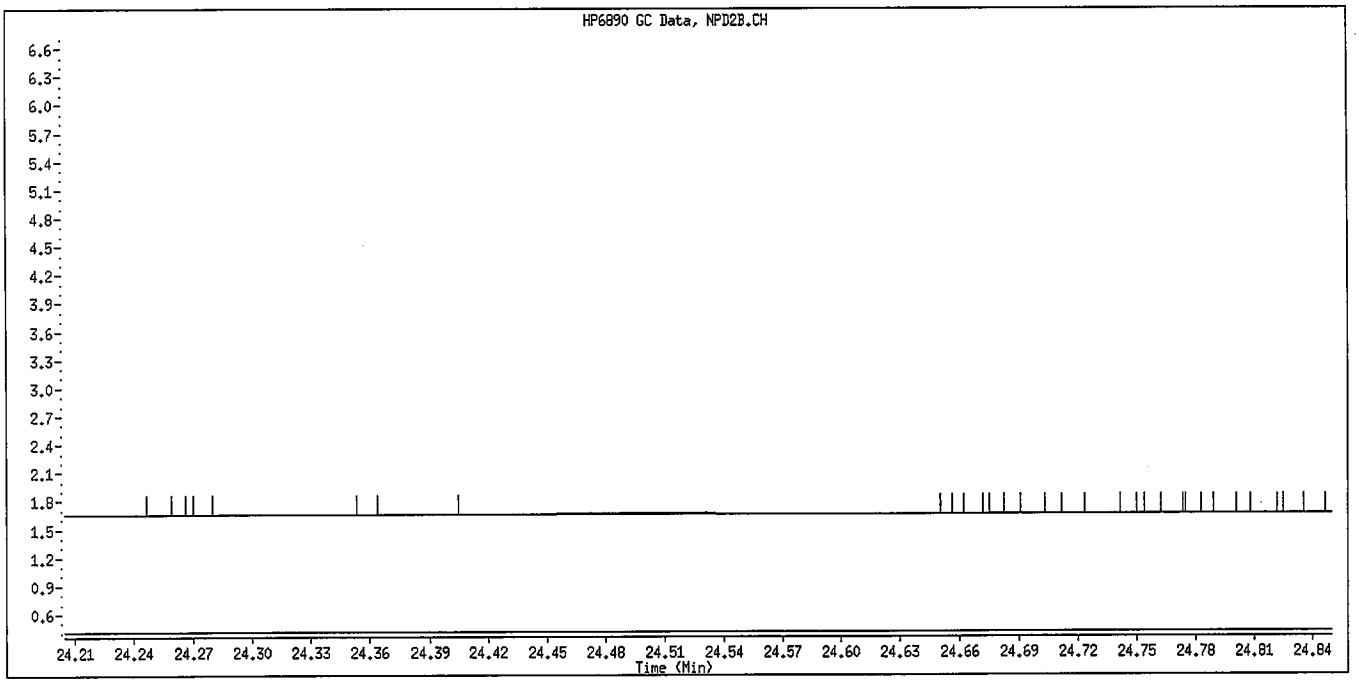
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 008F0801.D
Inj. Date and Time: 06-AUG-2009 17:58
Instrument ID: GC_D.i
Client ID: 8141 L2 GSV87409
Compound Name: Anilazine
CAS #:
Report Date: 08/07/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\009F0901.D
Lab Smp Id: 8141 L1 GSV87509 Client Smp ID: 8141 L1 GSV87509
Inj Date : 06-AUG-2009 18:34
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L1 GSV87509
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Meth Date : 07-Aug-2009 13:44 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 17:58 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	6.759	6.758	(0.417)	194063	0.20000	0.2449
	2 Dichlorvos	8.959	8.952	(0.553)	76144	0.20000	0.2156
$	3 Chlormefos	12.885	12.885	(0.795)	118440	0.20000	0.1612
	4 Mevinphos	13.026	13.006	(0.804)	26181	0.20000	0.1630 (M)
	5 Demeton-O	15.943	15.939	(0.984)	20641	0.06500	0.06367
	6 Thionazin	16.074	16.067	(0.992)	97068	0.20000	0.2021
*	7 Tributylphosphate	16.208	16.193	(1.000)	847277	2.00000	
	8 Ethoprop	16.346	16.332	(1.009)	150814	0.20000	0.2078
	9 Naled	16.933	16.921	(1.045)	12427	0.20000	0.2460 (M)
	10 Sulfotepp	17.239	17.234	(1.064)	149883	0.20000	0.2118 (M)
	11 Phorate	17.264	17.268	(1.065)	91874	0.20000	0.2566 (M)
	12 Demeton-S	17.989	17.962	(1.110)	35956	0.13600	0.1105
	13 Simazine	18.413	18.368	(1.136)	6499	0.20000	0.3477 (M)
	14 Atrazine / Propazine	18.459	18.434	(1.139)	76775	0.40000	0.3948 (M)
	15 Dimethoate	18.648	18.569	(1.151)	62417	0.20000	0.2072 (M)
	16 Diazinon	18.976	18.967	(1.171)	95564	0.20000	0.2276
	17 Disulfoton	19.239	19.231	(1.187)	88146	0.20000	0.2078
	18 Methyl Parathion	21.160	21.132	(0.737)	40092	0.20000	0.2055 (M)
	19 Ronnel	21.234	21.222	(0.740)	87144	0.20000	0.2238
	20 Malathion	22.514	22.492	(0.784)	52293	0.20000	0.2003 (M)
	21 Chlorpyrifos	22.658	22.644	(0.789)	60489	0.20000	0.2033 (M)
	22 Trichloronate	22.829	22.819	(0.795)	66017	0.20000	0.2065 (M)
	23 Parathion	22.885	22.866	(0.797)	66767	0.20000	0.2620 (M)
	24 Fenthion	22.959	22.942	(0.800)	89878	0.20000	0.2030 (M)
	25 Merphos-A (Merphos)	23.486	23.472	(0.818)	23197	0.20000	0.2058 (M)
	26 Anilazine	24.549	24.451	(0.855)	3273	0.20000	0.2331 (M)
	27 Tetrachlorvinphos (stirophos)	25.888	25.869	(0.902)	35965	0.20000	0.2129
	28 Tokuthion	26.052	26.043	(0.907)	82667	0.20000	0.1938
	29 Merphos-B (Merphos oxone)	26.184	26.176	(0.912)	58022	0.20000	0.2908
	30 Carbophenothion methyl	27.010	26.999	(0.941)	51067	0.20000	0.1713
	31 Fensulfothion	27.272	27.237	(0.950)	31957	0.20000	0.2067
	32 Bolstar	27.353	27.347	(0.953)	91030	0.20000	0.2230
	33 Carbophenothion	27.467	27.460	(0.957)	66936	0.20000	0.1962

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Famphur	27.653	27.644	(0.963)	55126	0.20000	0.1768
$	35 Triphenyl phosphate	27.938	27.932	(0.973)	61702	0.20000	0.2115
	36 EPN	28.244	28.240	(0.984)	69232	0.20000	0.2069
	37 Phosmet	28.378	28.366	(0.989)	42368	0.20000	0.2070
*	38 TOCP	28.708	28.705	(1.000)	674279	2.00000	
	39 Azinphos-methyl	28.830	28.816	(1.004)	37094	0.20000	0.2126
	40 Azinphos-ethyl	29.140	29.127	(1.015)	46859	0.20000	0.1916
	41 Coumaphos	29.468	29.453	(1.026)	37102	0.20000	0.2102
M	42 Total Demeton				56597	0.20000	0.1742
M	43 Merphos				81219	0.20000	0.2015

QC Flag Legend

M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

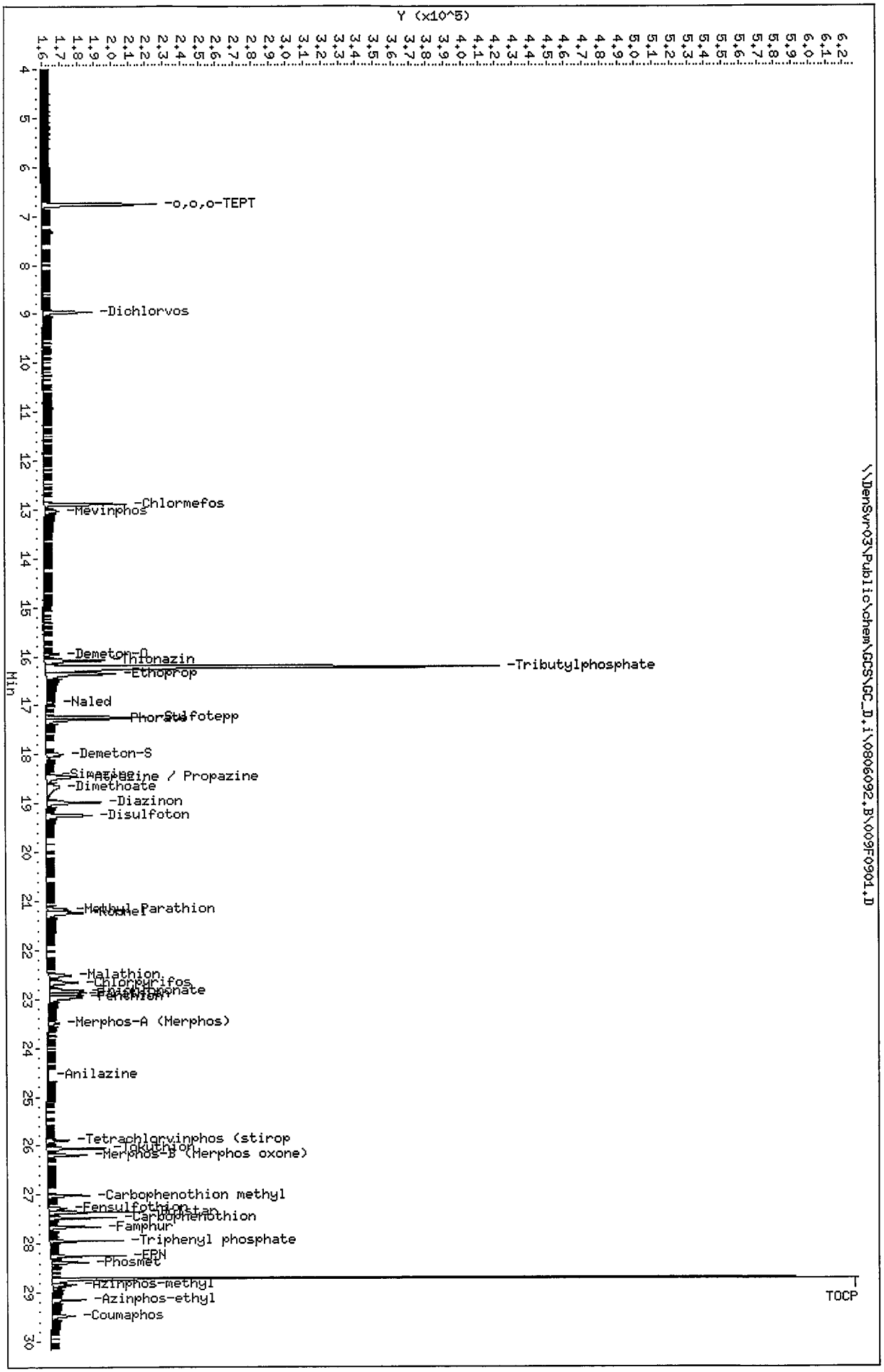
Instrument ID: GC_D.i
Lab File ID: 009F0901.D
Lab Smp Id: 8141 L1 GSV87509
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Misc Info:

Calibration Date: 06-AUG-2009
Calibration Time: 19:10
Client Smp ID: 8141 L1 GSV8750
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	989795	494898	1979590	847277	-14.40
38 TOCP	732545	366273	1465090	674279	-7.95

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.19	15.69	16.69	16.21	0.08
38 TOCP	28.70	28.20	29.20	28.71	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.

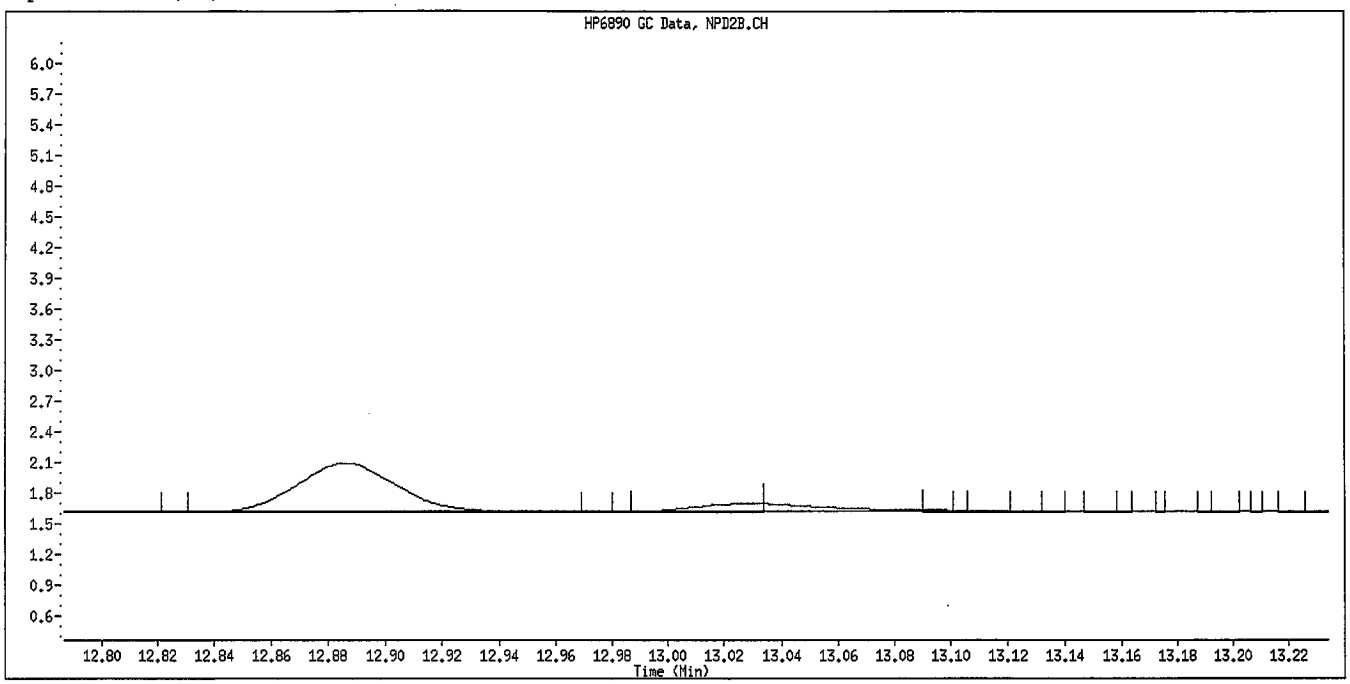


Data File: \\DenSvr03\Public\chem\GCS\GC_D,i\0806092,B\009F0901.D
Date : 06-AUG-2009 18:34
Client ID: 8141 L1 GSV87509
Sample Info: 8141 L1 GSV87509
Column phase: RTx-OPPest

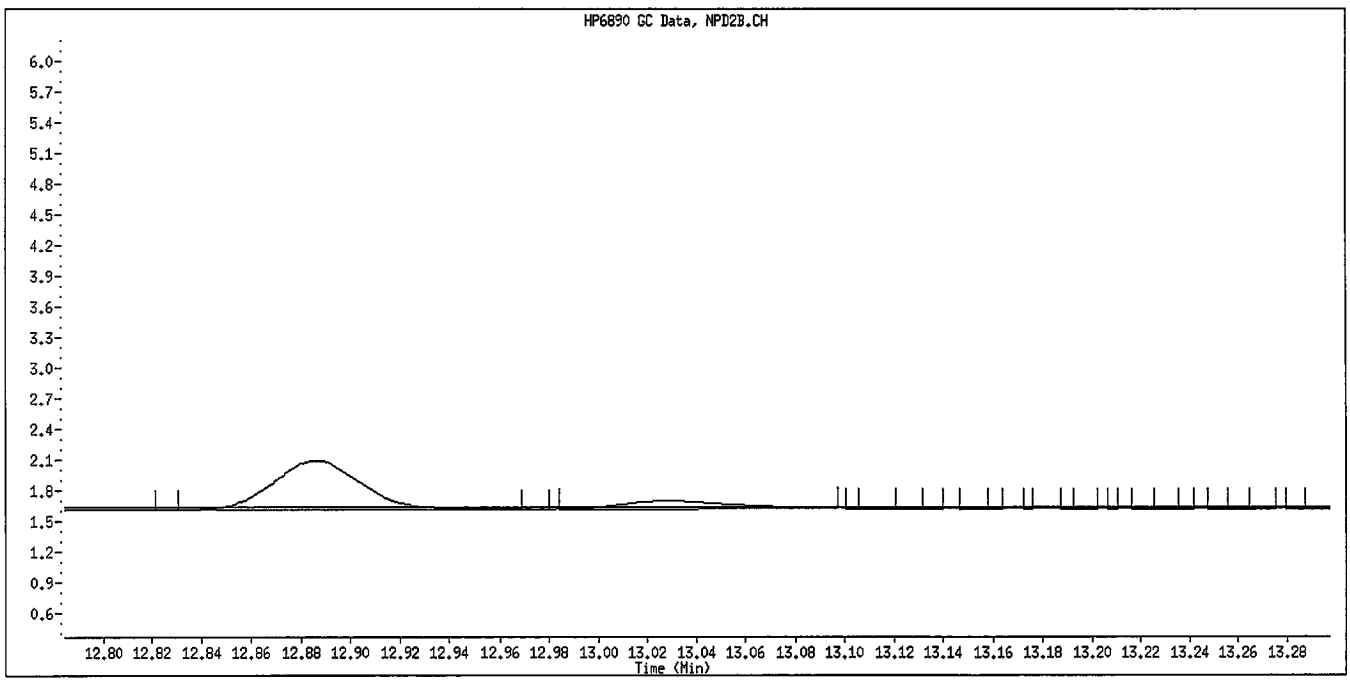
Instrument: GC_D,i
Operator: MPK/TLW
Column diameter: 0,32

\\DenSvr03\Public\chem\GCS\GC_D,i\0806092,B\009F0901.D

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Mevinphos
CAS #:
Report Date: 08/07/2009



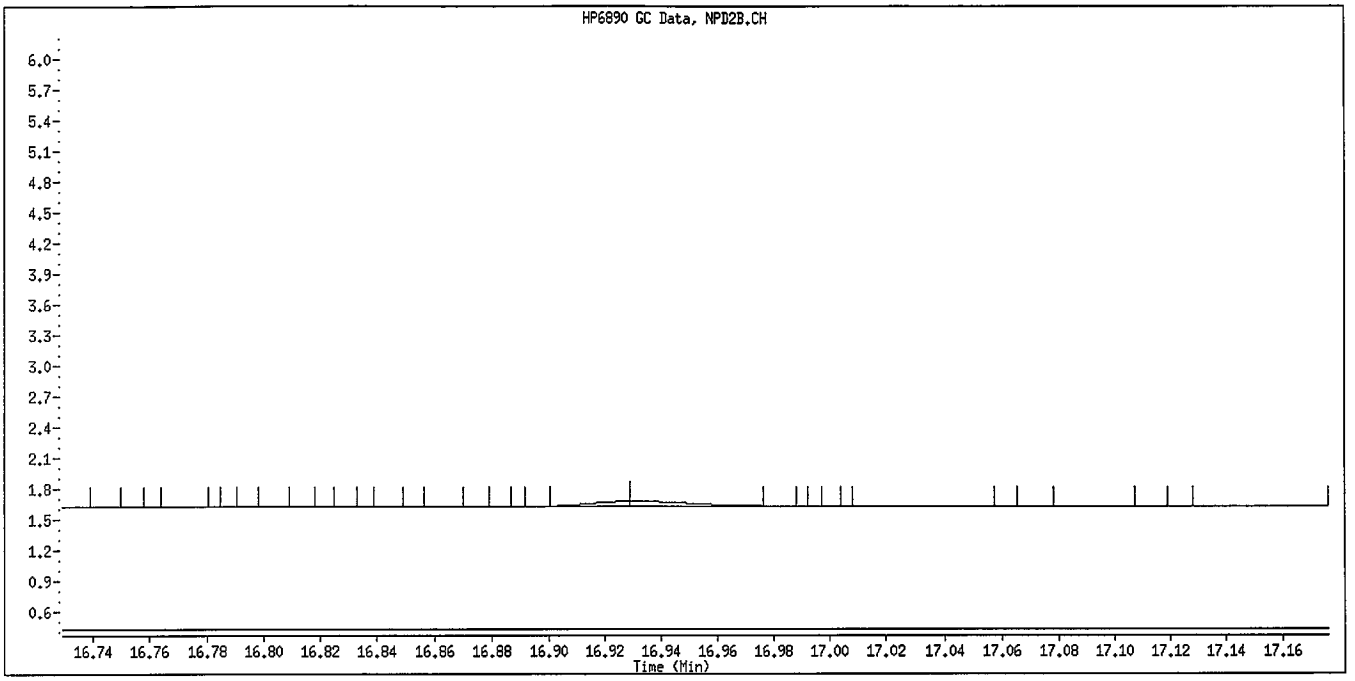
Original Integration



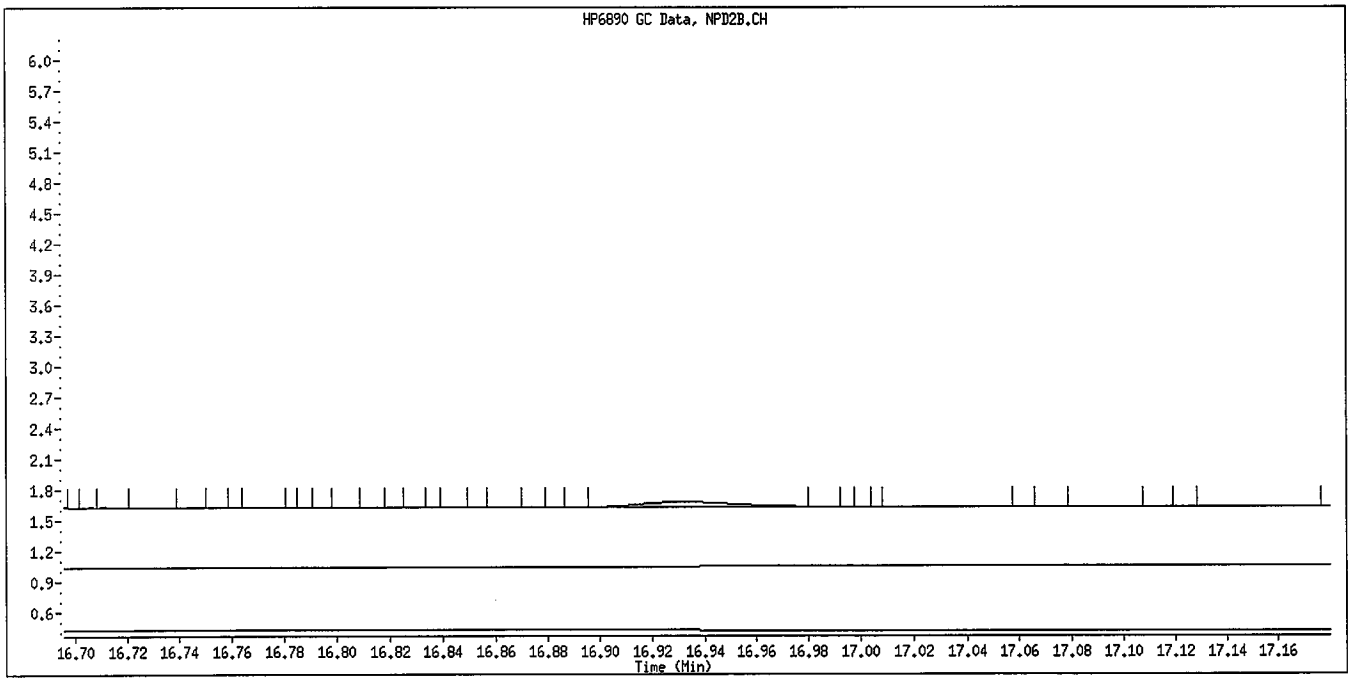
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Naled
CAS #:
Report Date: 08/07/2009



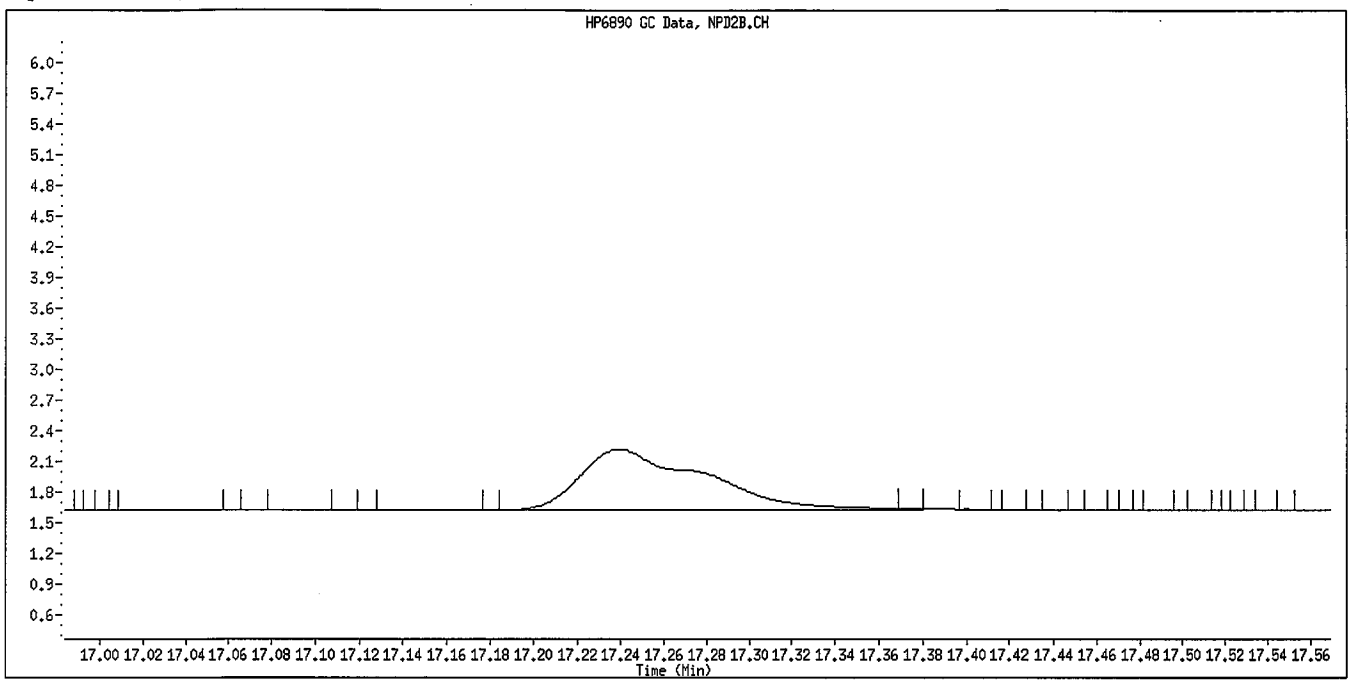
Original Integration



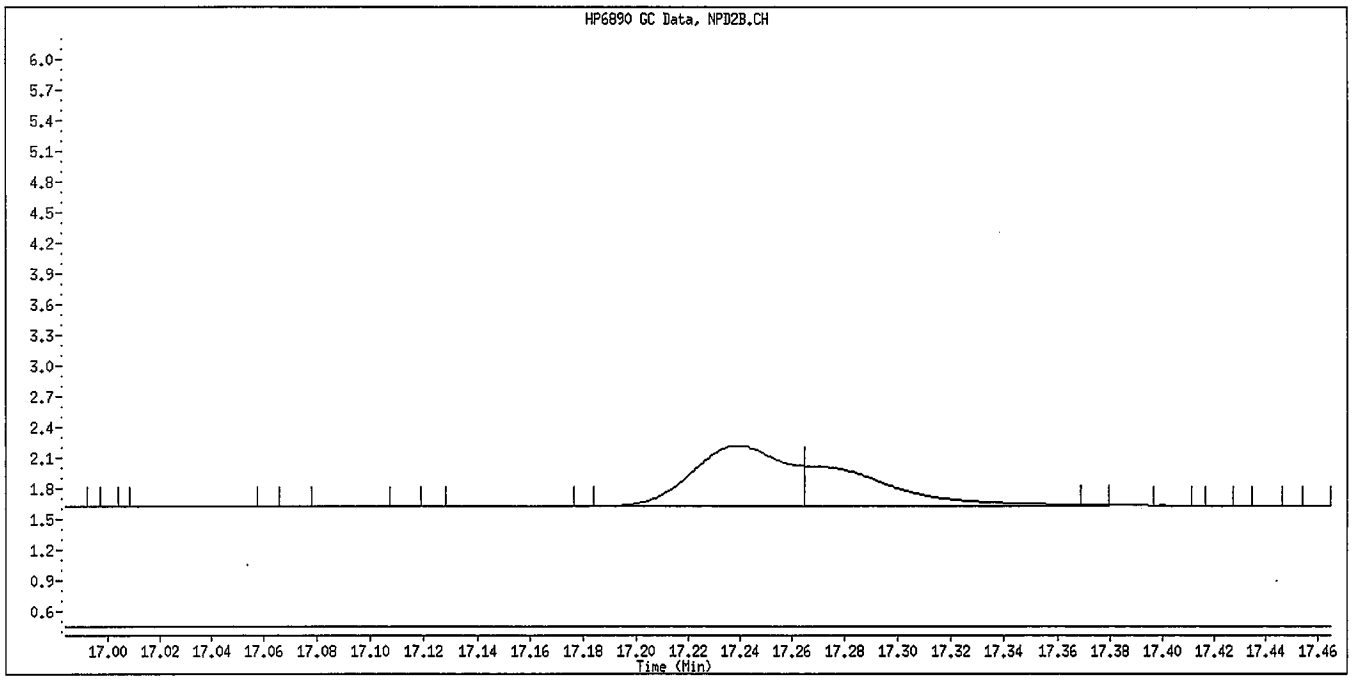
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Sulfotepp
CAS #:
Report Date: 08/07/2009



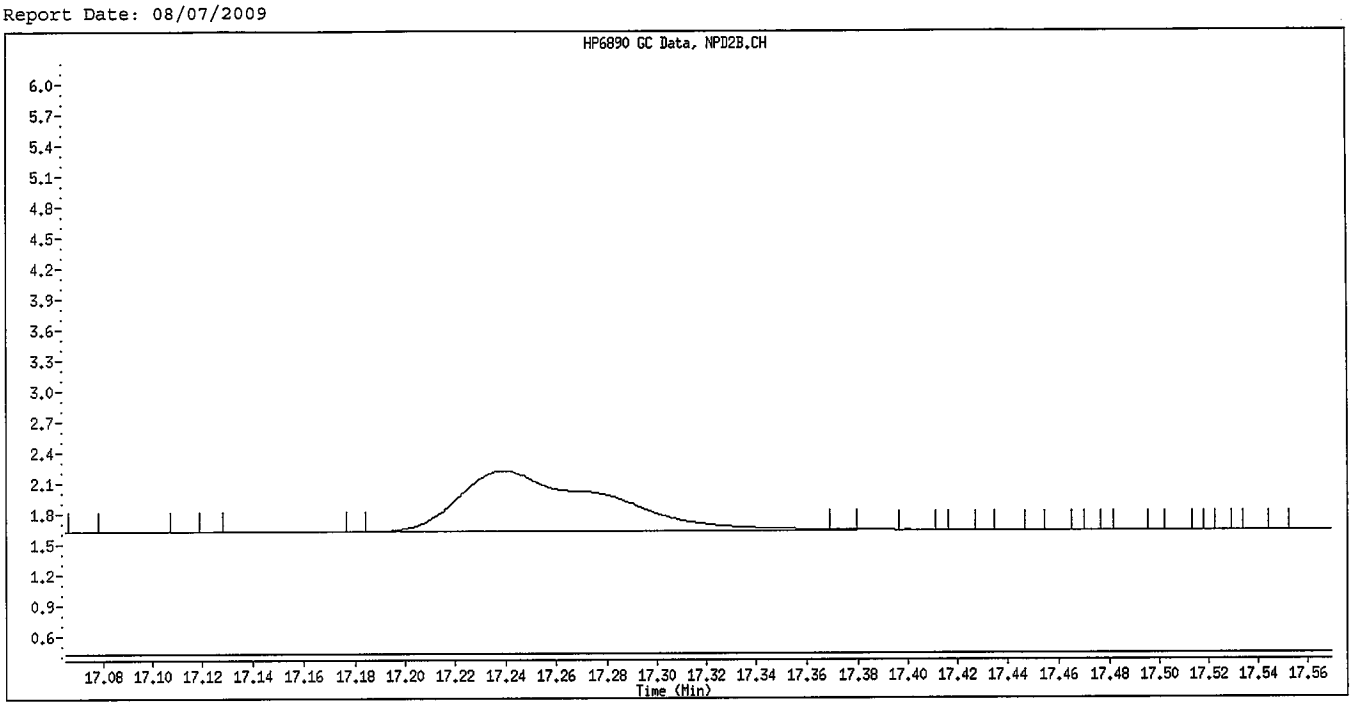
Original Integration



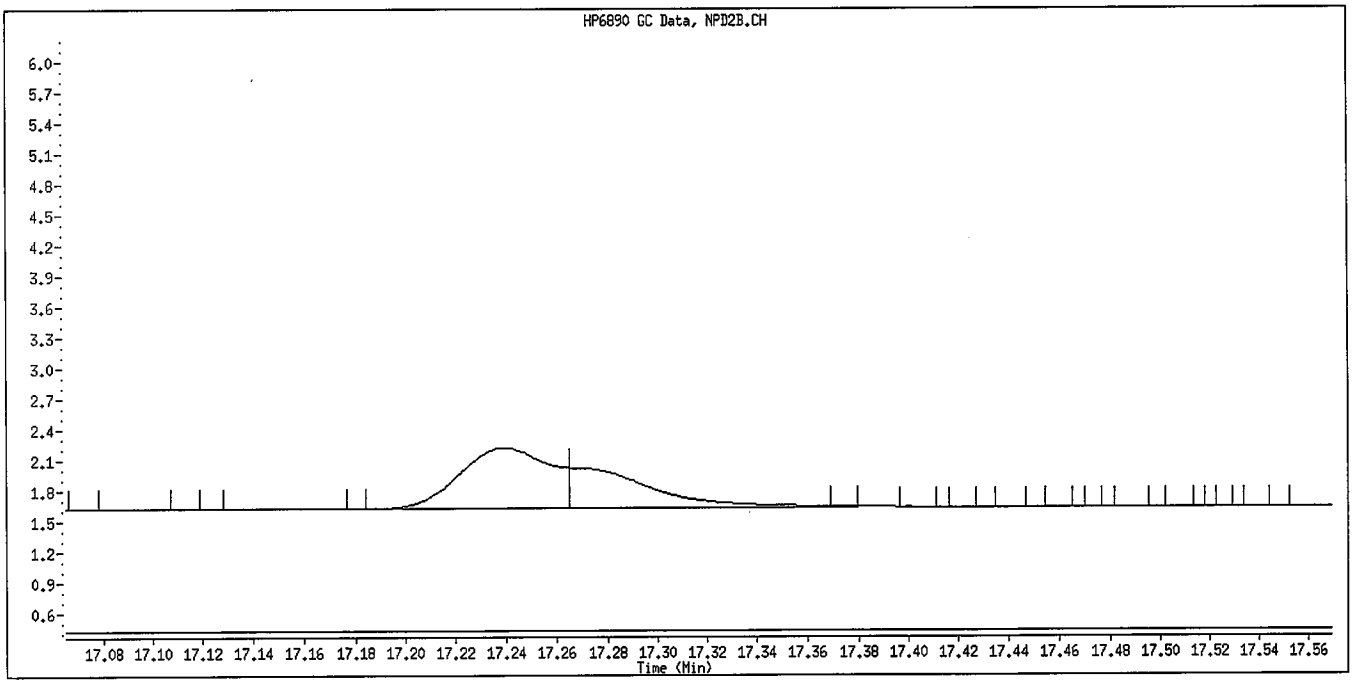
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Phorate
CAS #:
Report Date: 08/07/2009



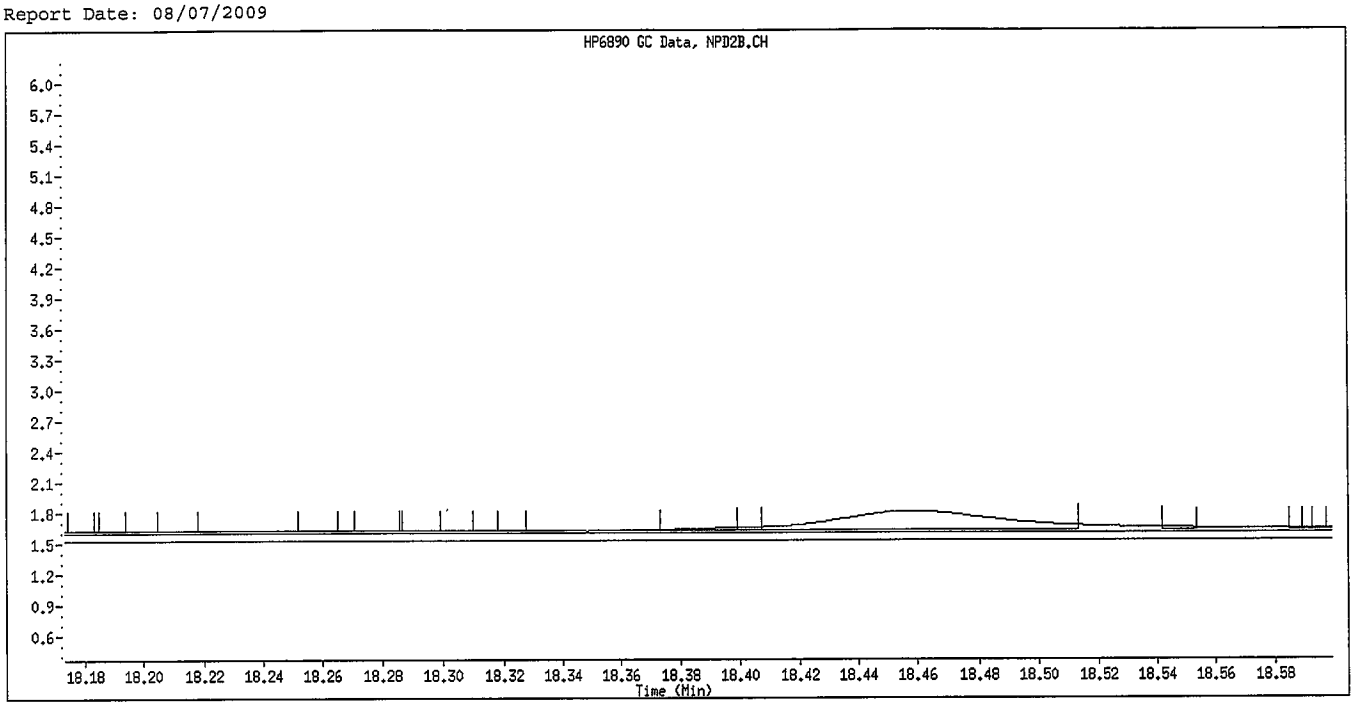
Original Integration



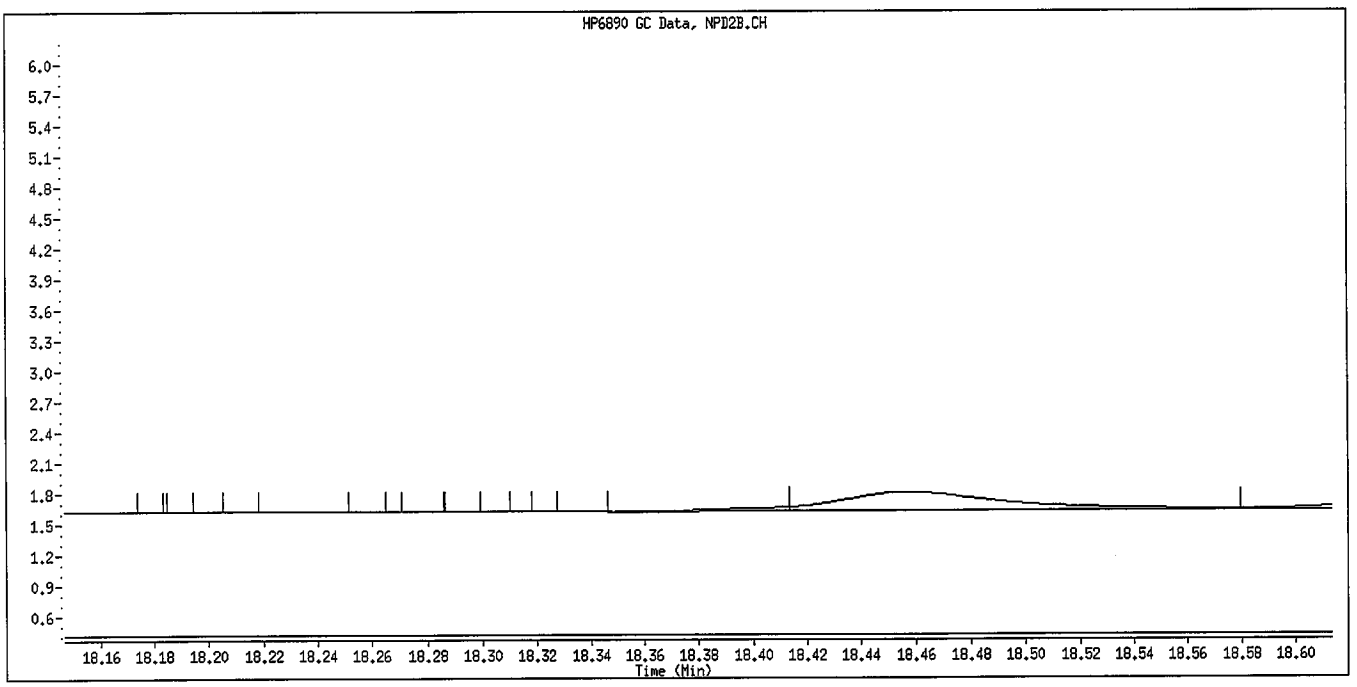
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Simazine
CAS #:
Report Date: 08/07/2009



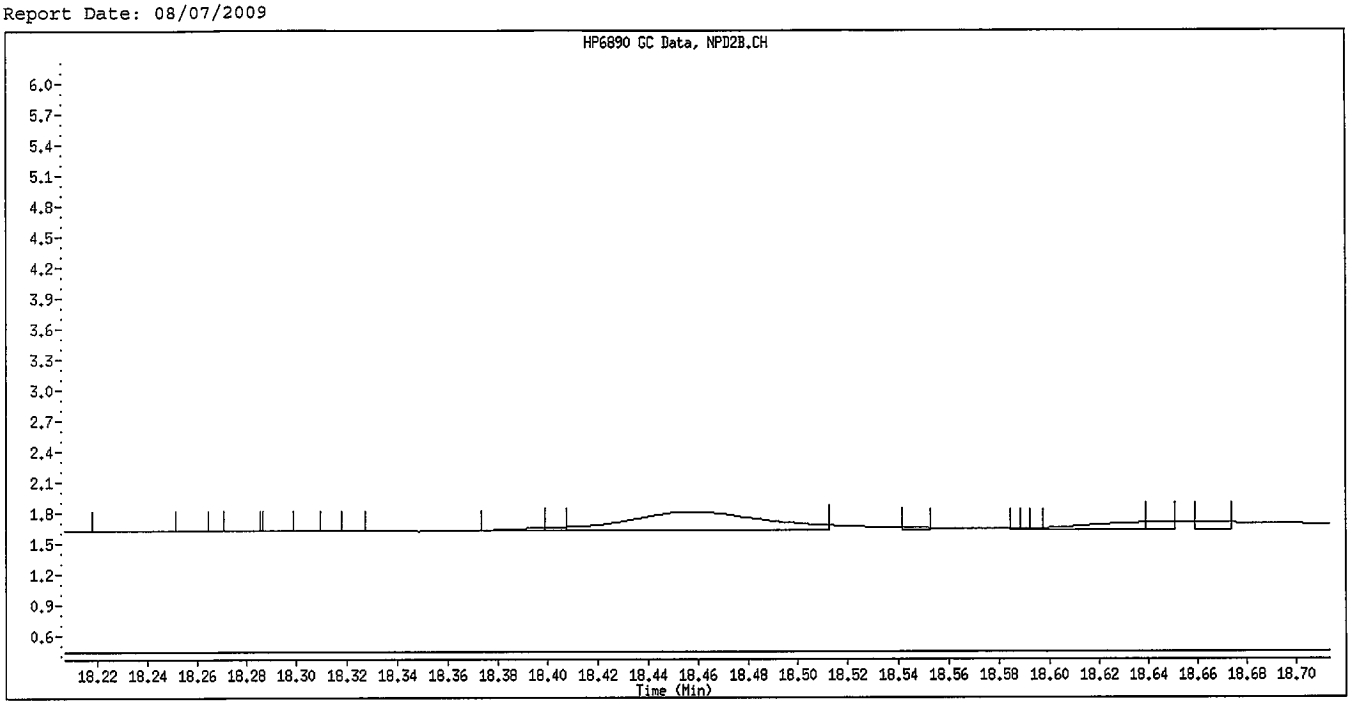
Original Integration



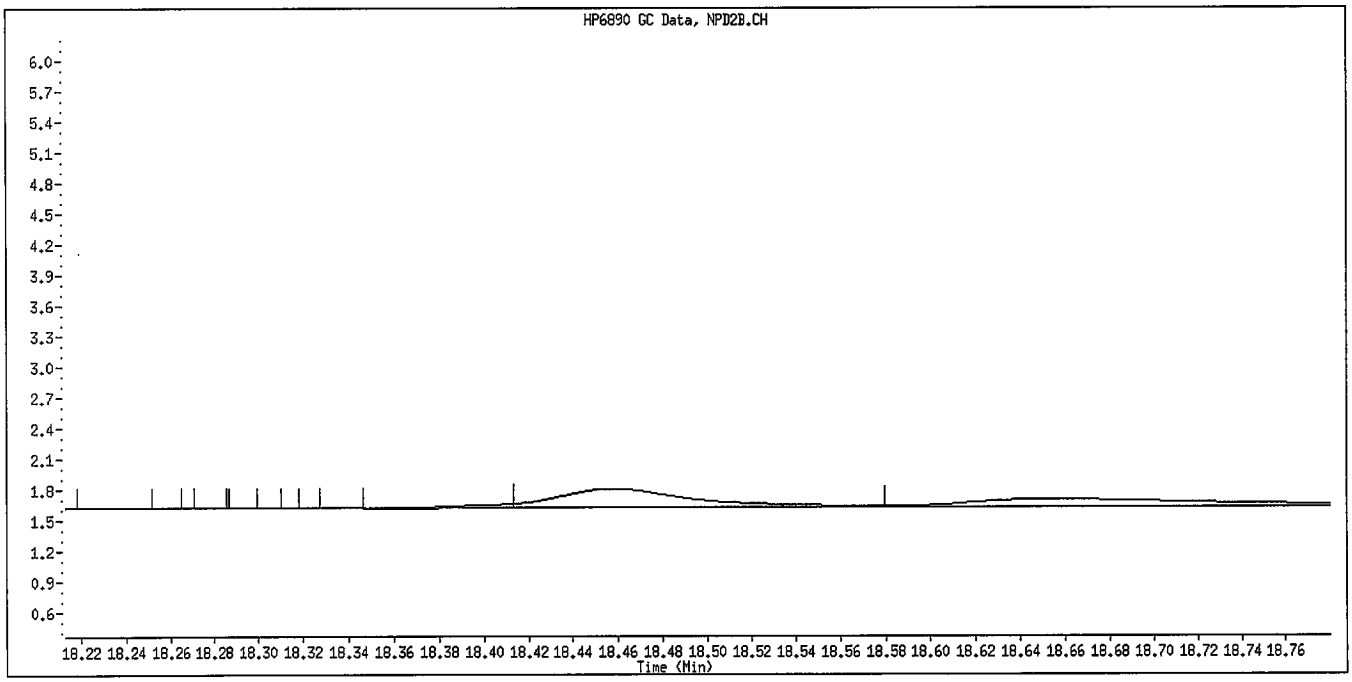
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Atrazine / Propazine
CAS #:
Report Date: 08/07/2009



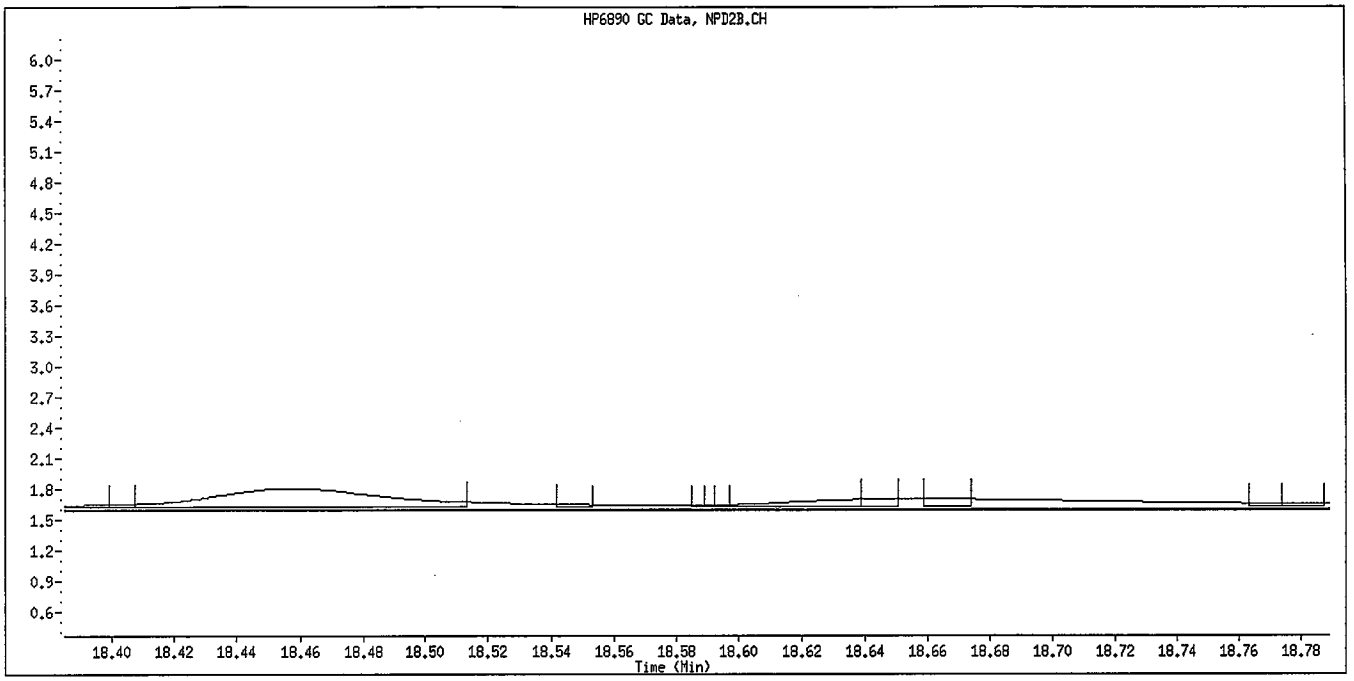
Original Integration



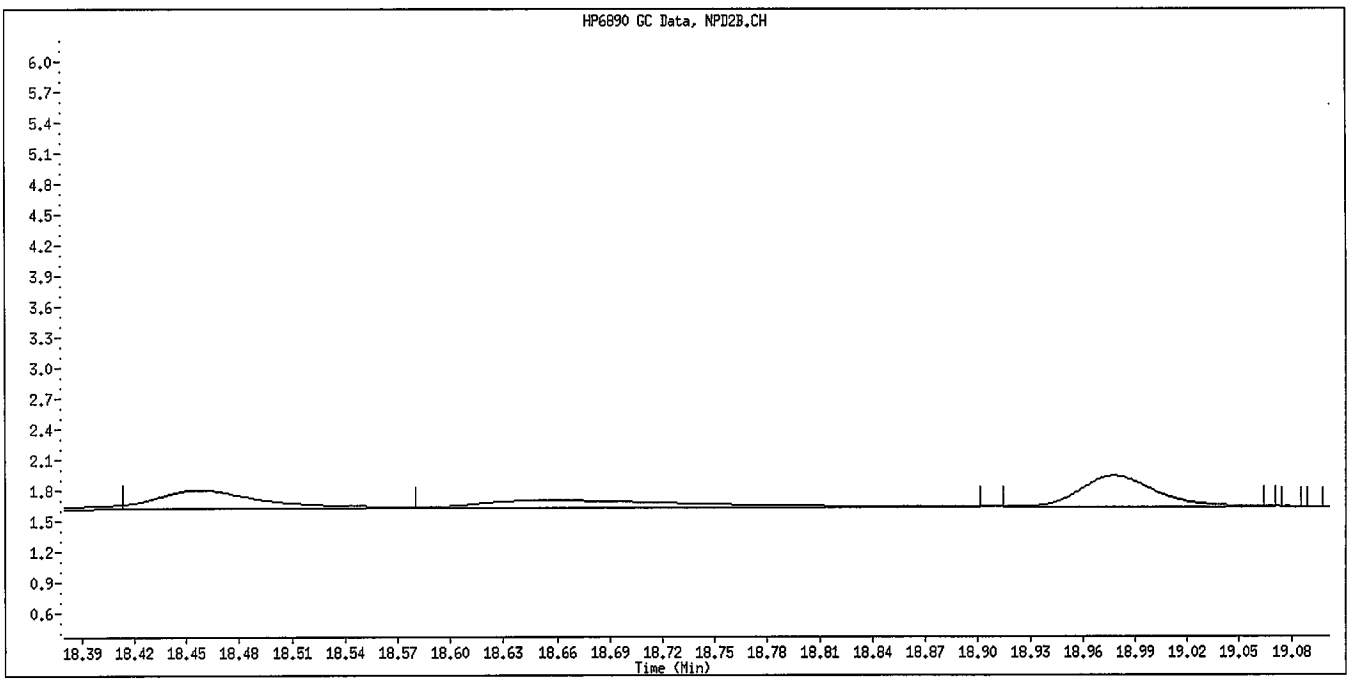
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Dimethoate
CAS #:
Report Date: 08/07/2009



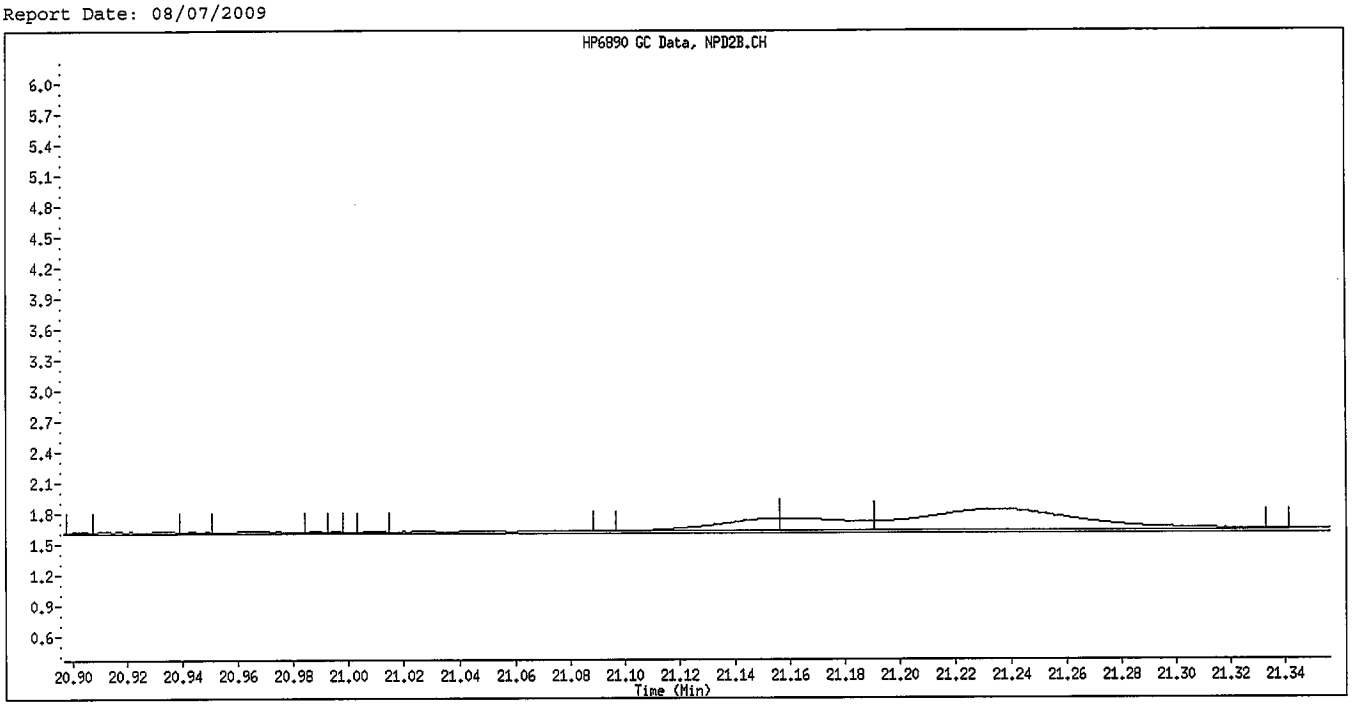
Original Integration



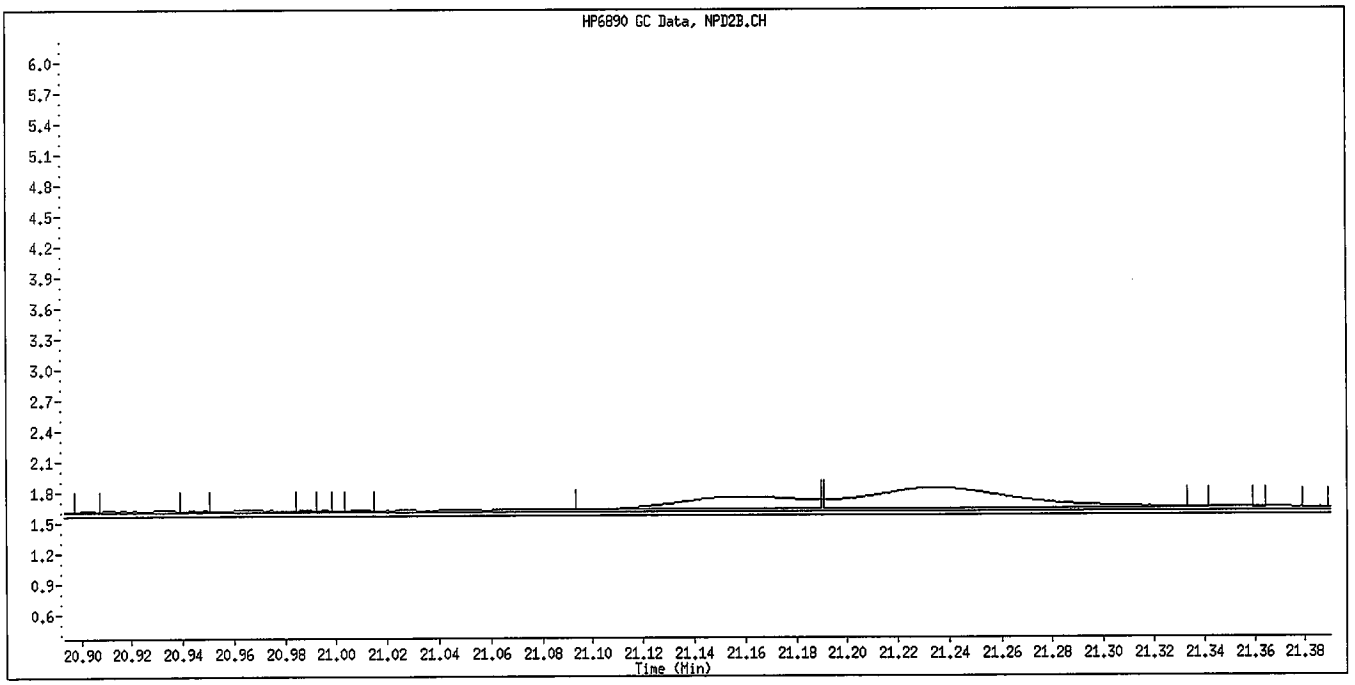
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Methyl Parathion
CAS #: 298-00-0
Report Date: 08/07/2009



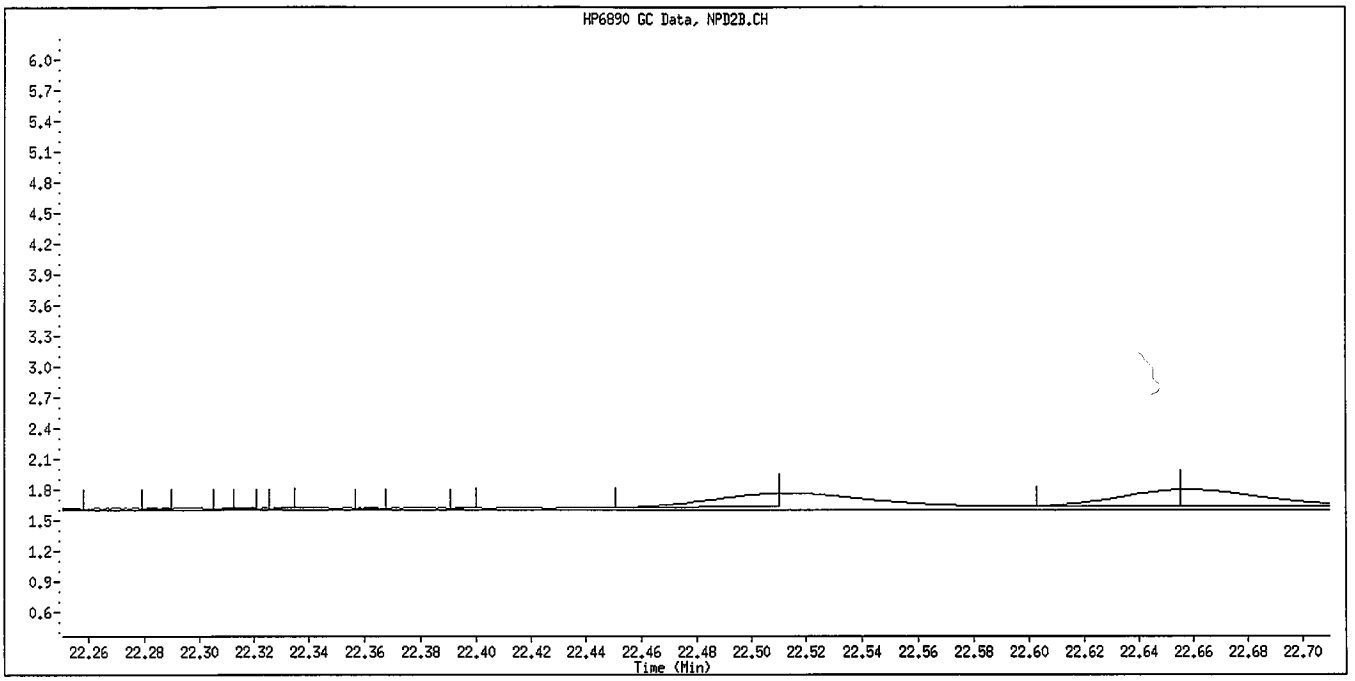
Original Integration



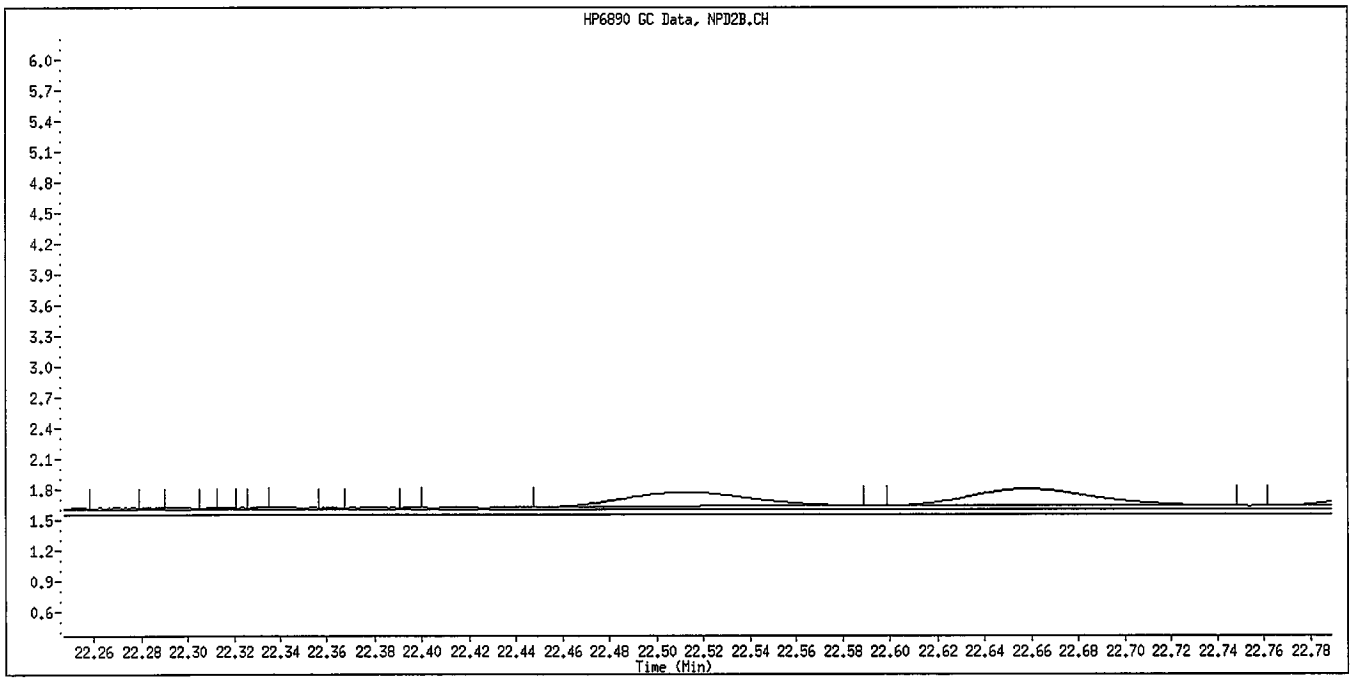
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Malathion
CAS #:
Report Date: 08/07/2009



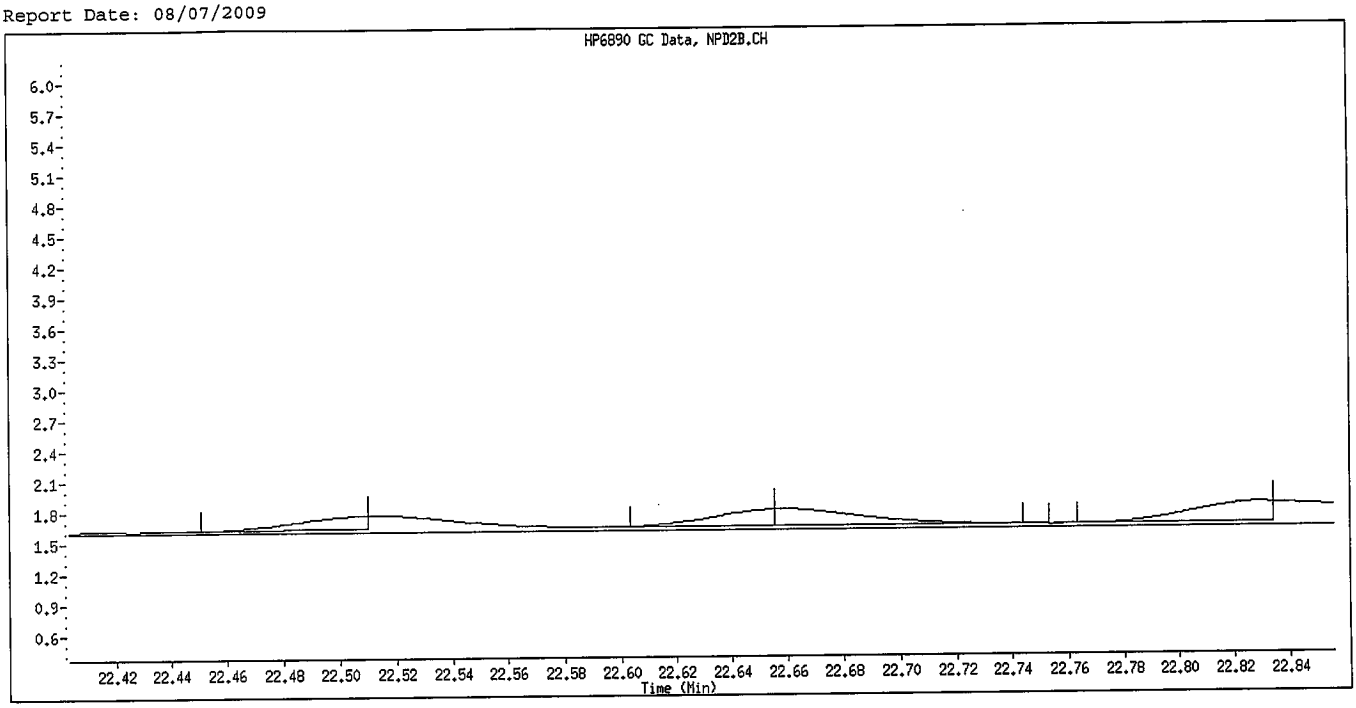
Original Integration



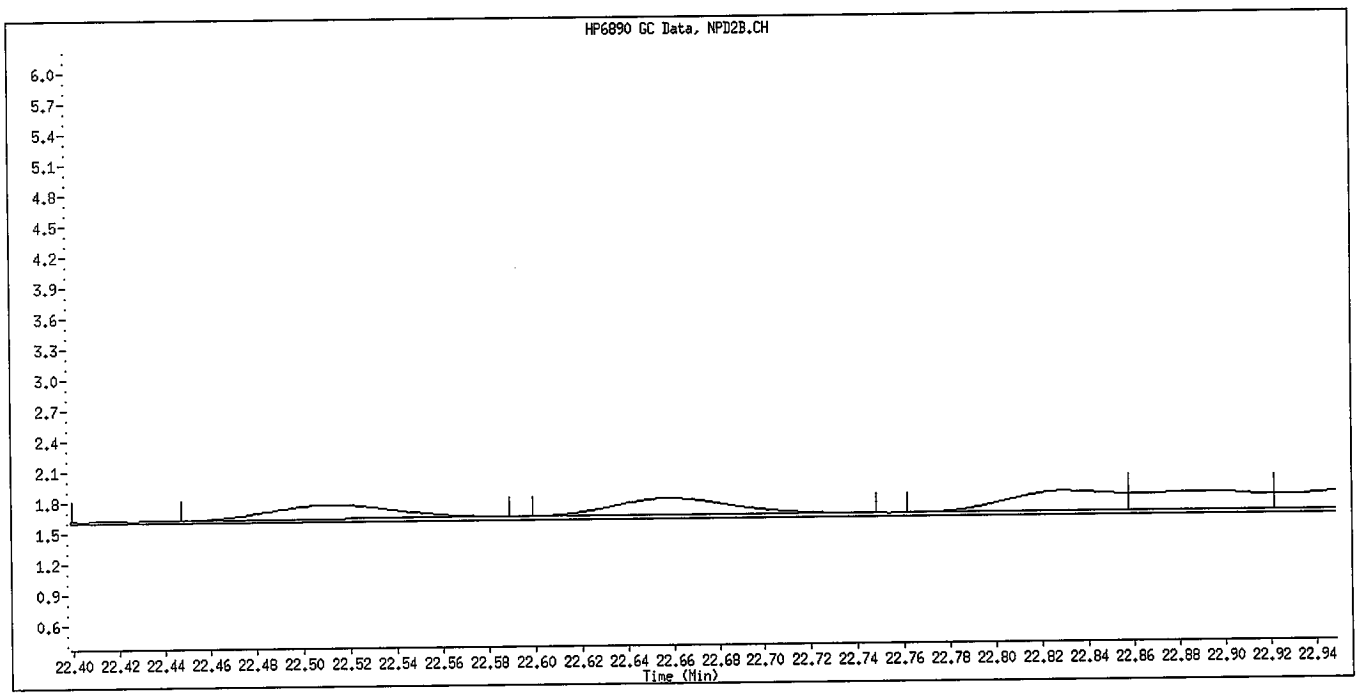
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Chlorpyrifos
CAS #:
Report Date: 08/07/2009



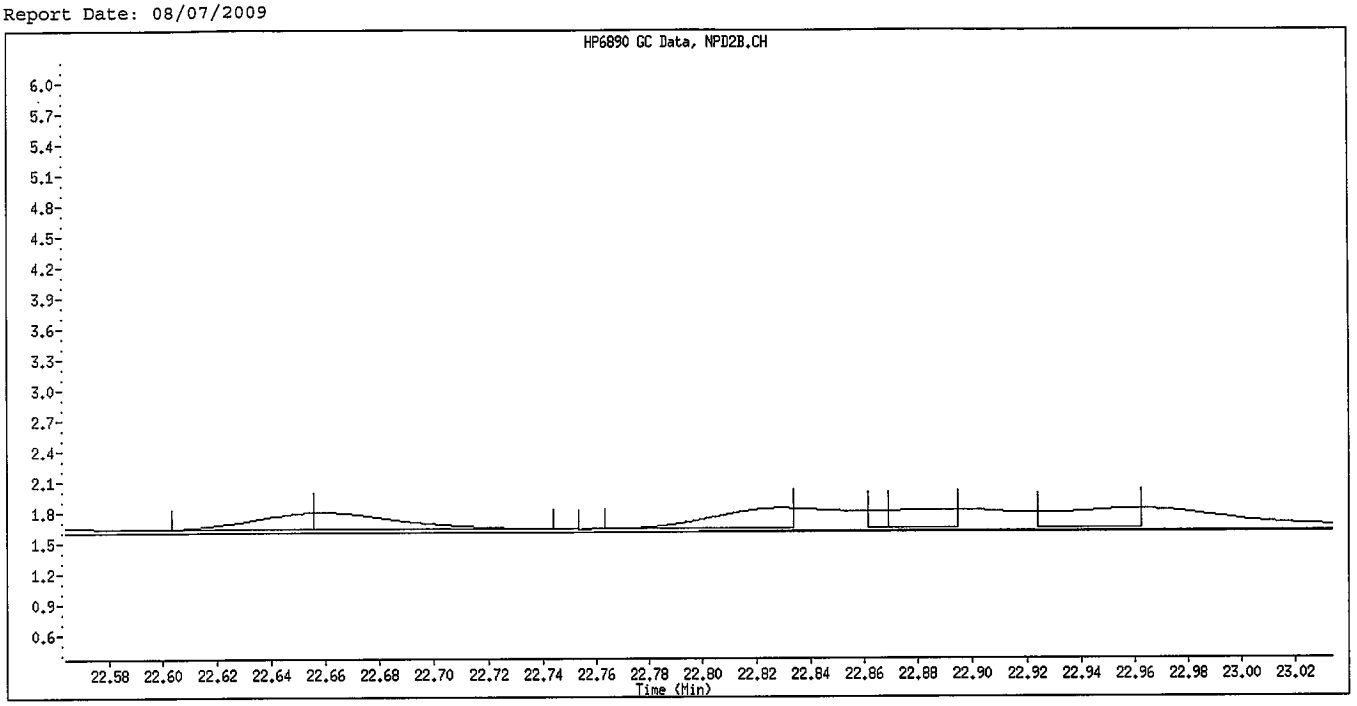
Original Integration



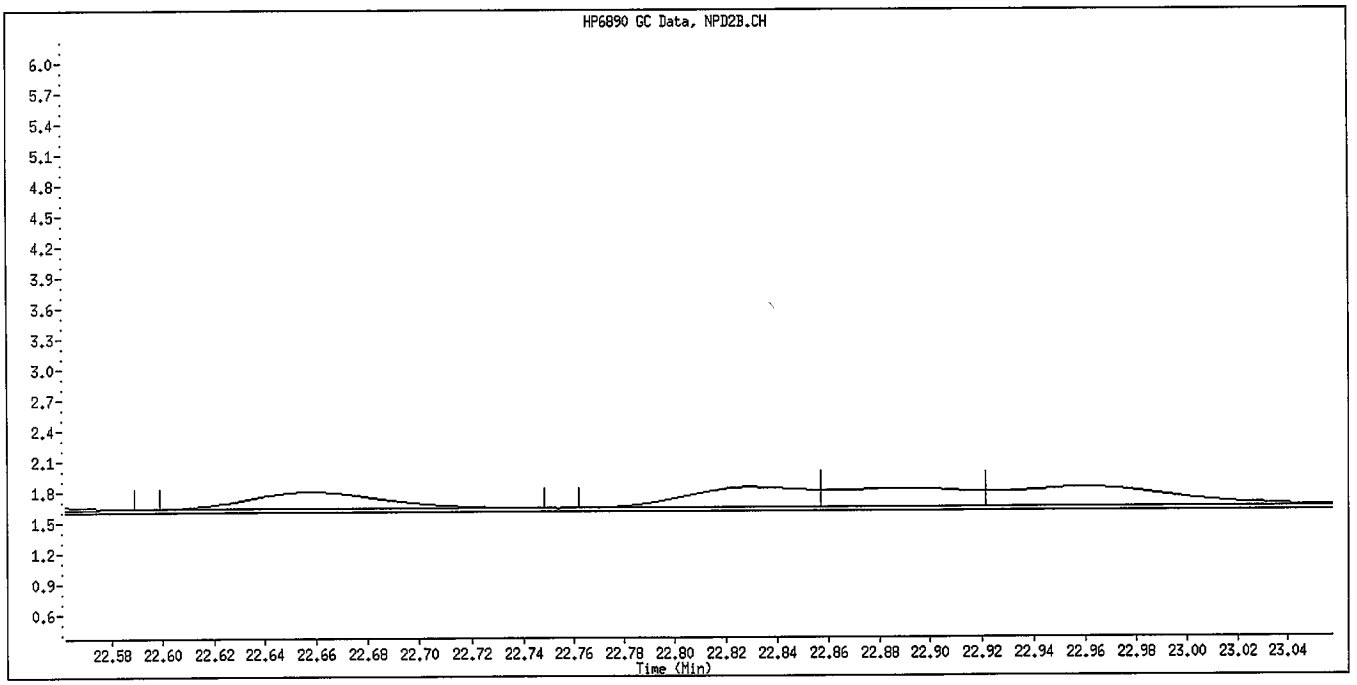
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Trichloronate
CAS #:
Report Date: 08/07/2009



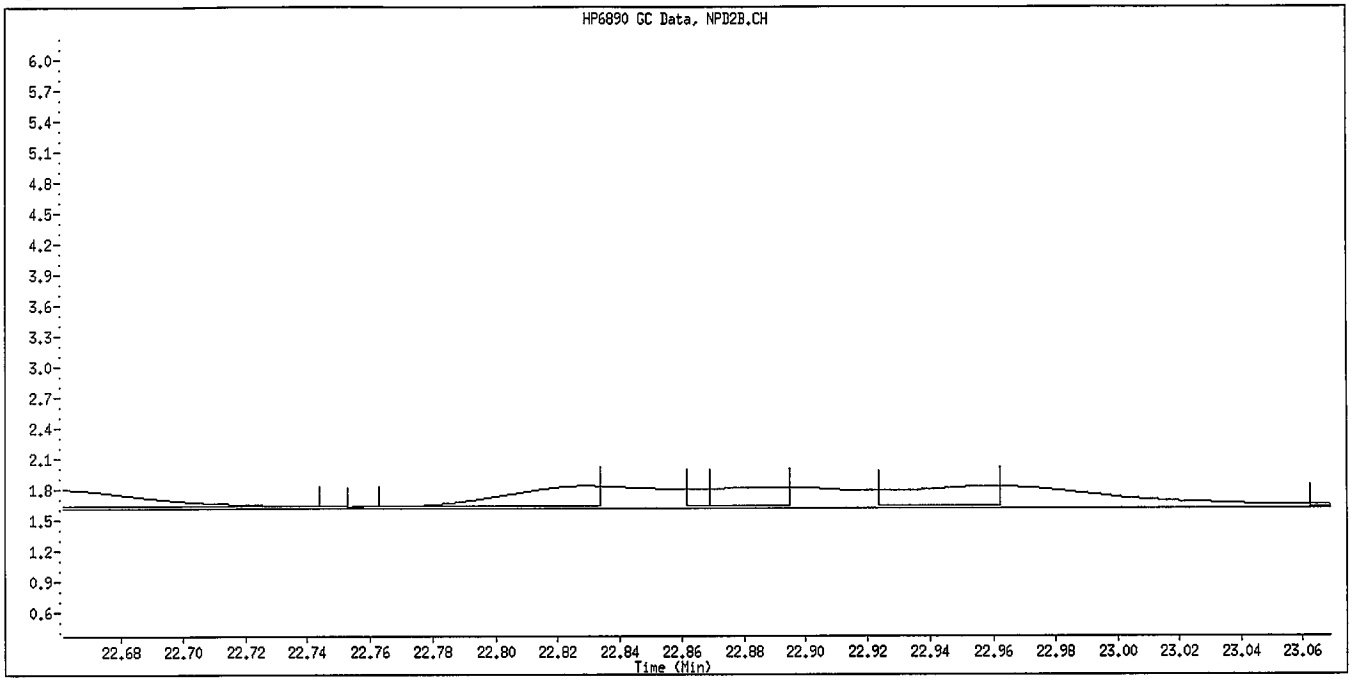
Original Integration



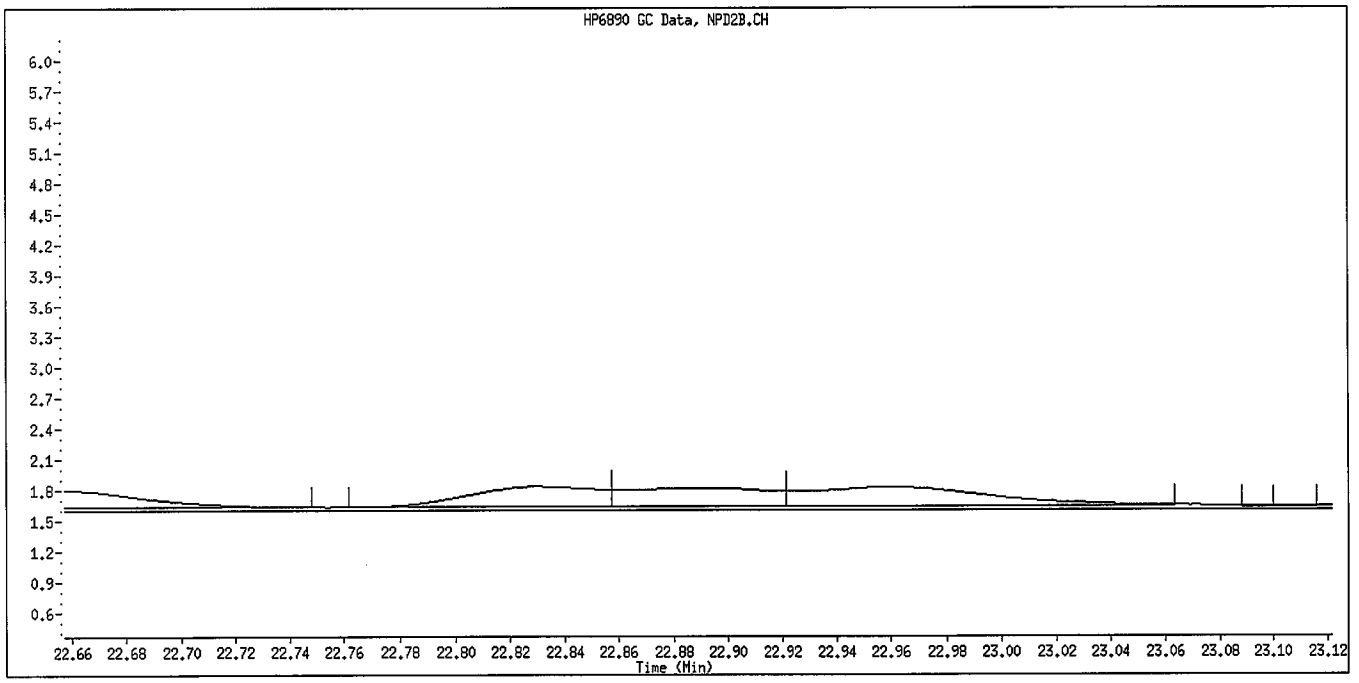
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Parathion
CAS #:
Report Date: 08/07/2009



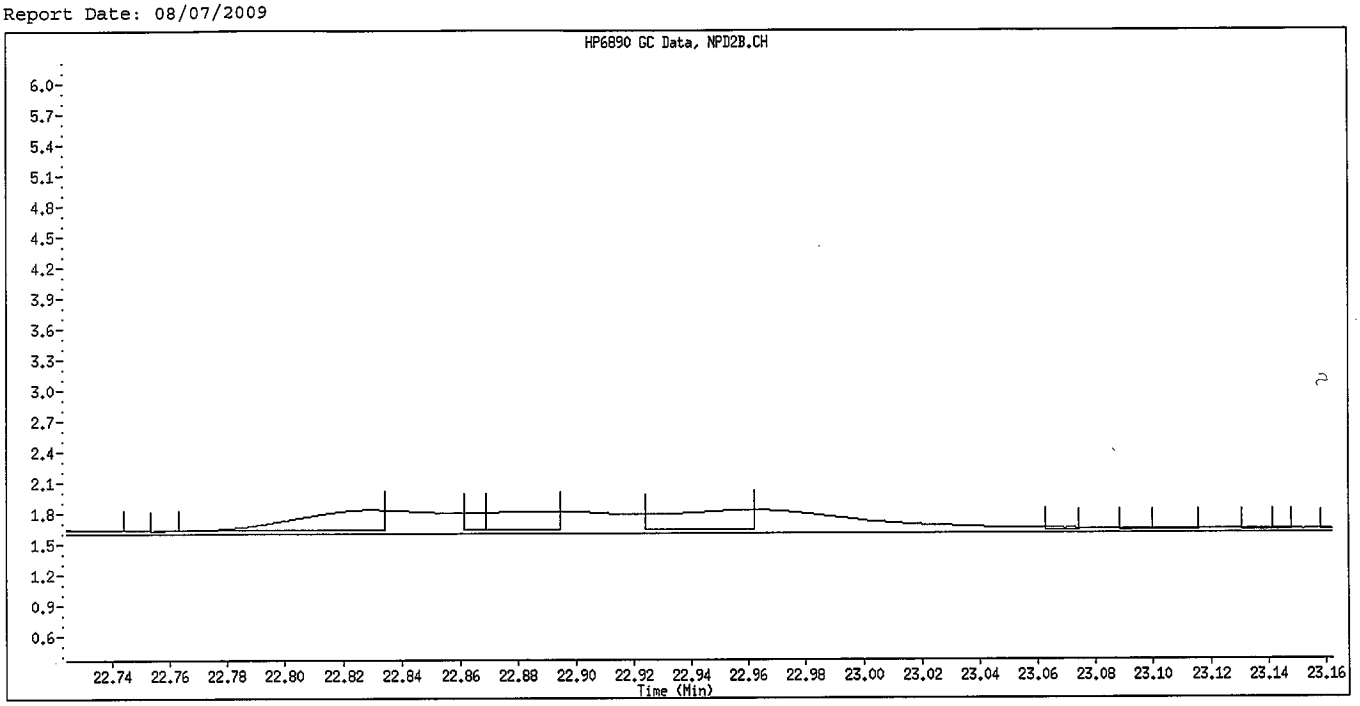
Original Integration



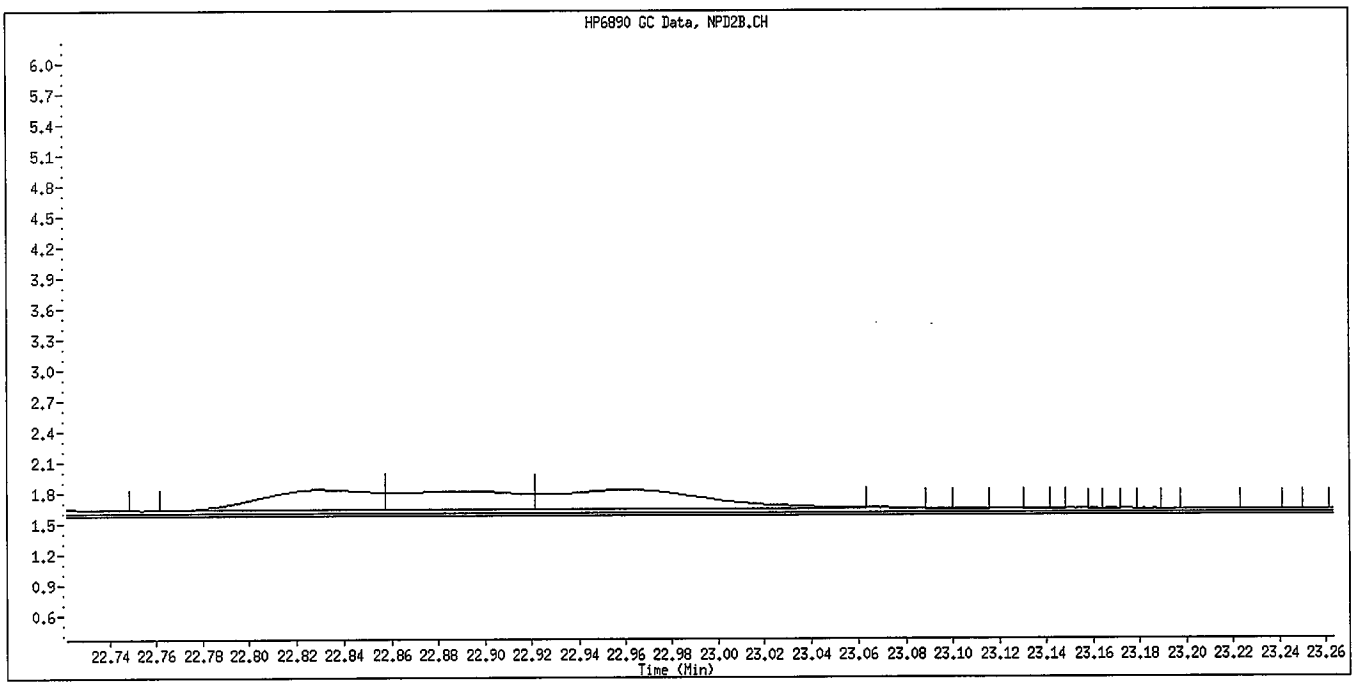
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Fenthion
CAS #:
Report Date: 08/07/2009



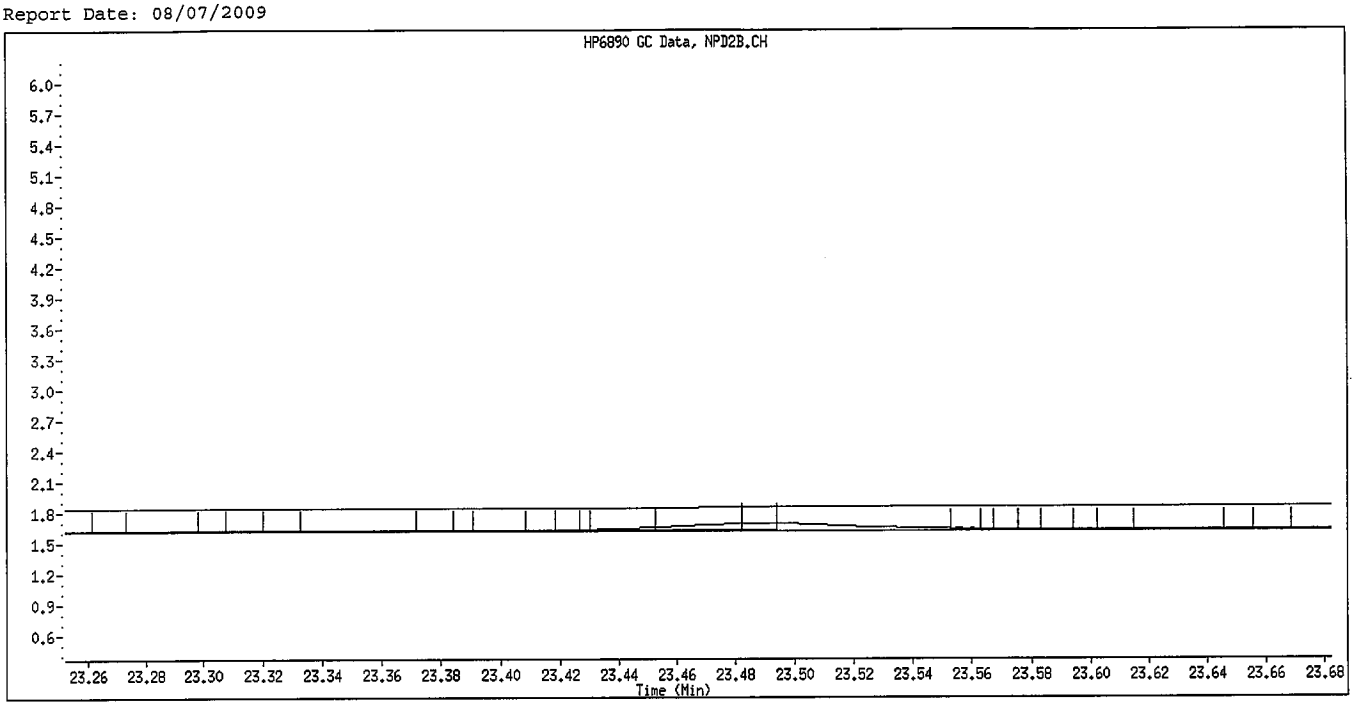
Original Integration



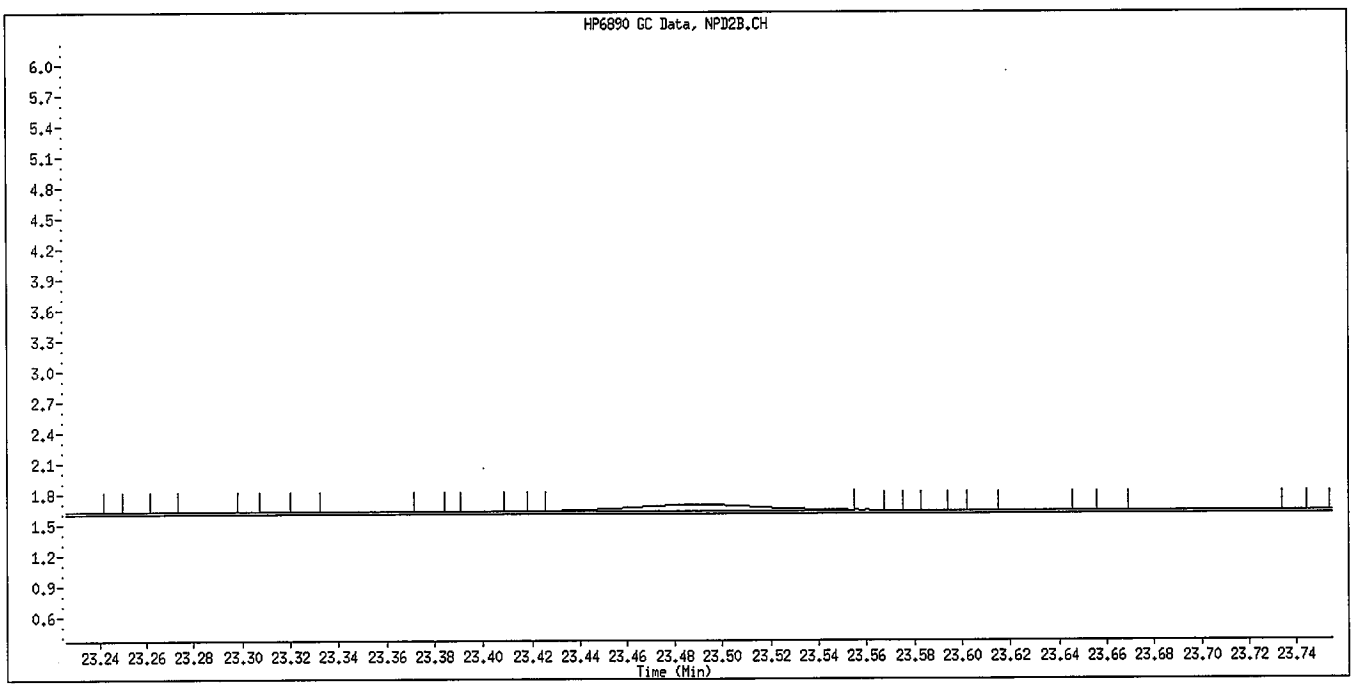
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Merphos-A (Merphos)
CAS #:
Report Date: 08/07/2009



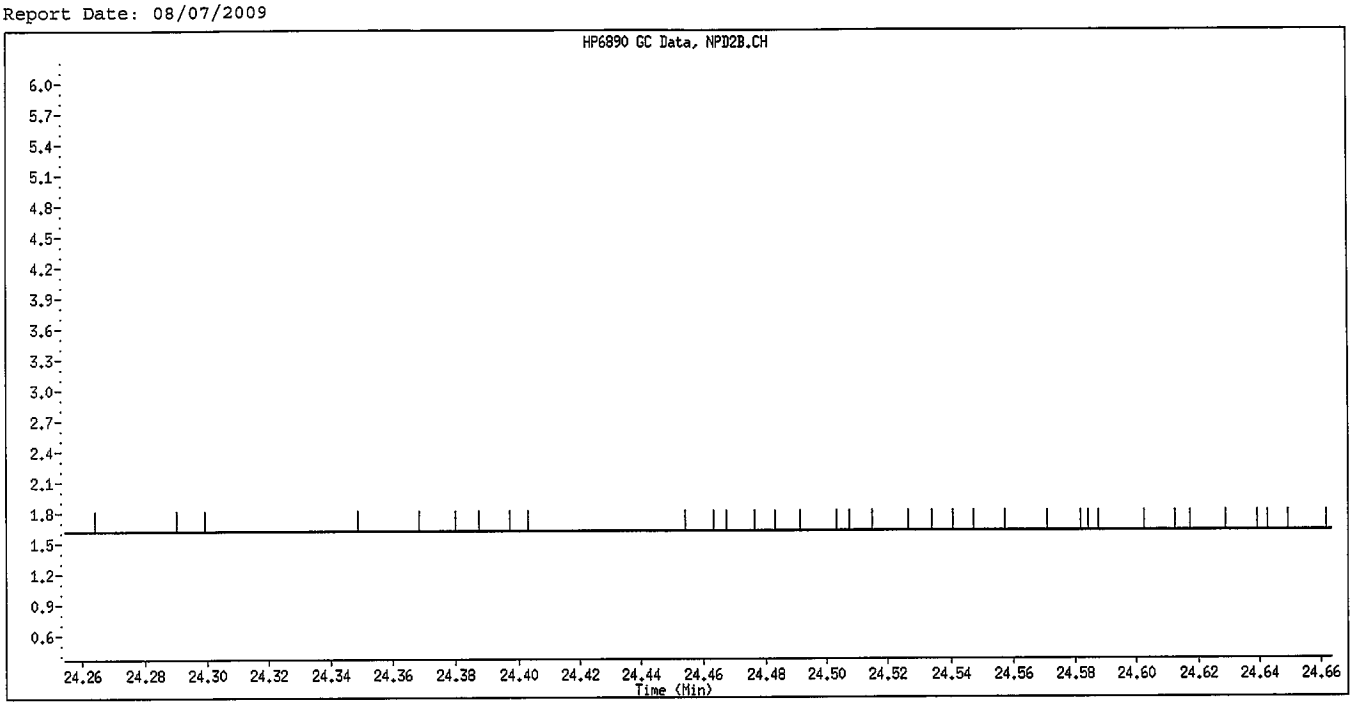
Original Integration



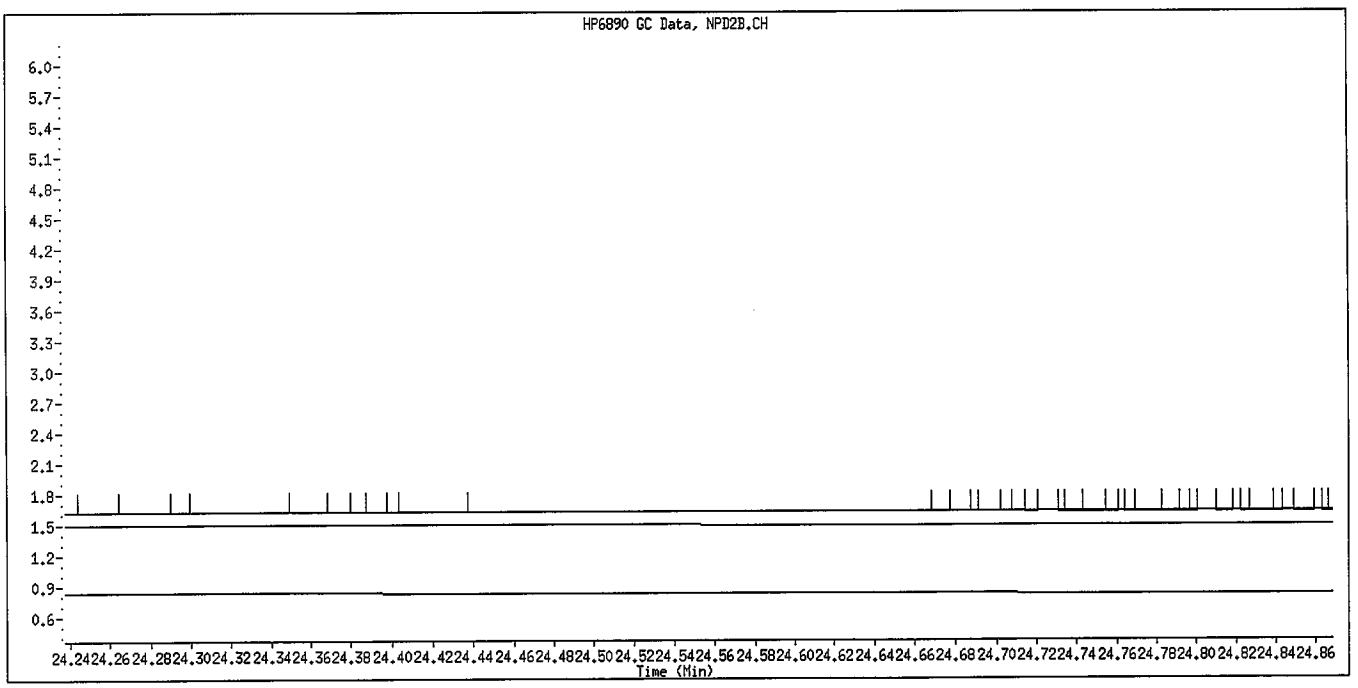
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Unknown

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Anilazine
CAS #:
Report Date: 08/07/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\010F1001.D
Lab Smp Id: 8141 SS GSV87609 Client Smp ID: 8141 SS GSV87609
Inj Date : 06-AUG-2009 19:10
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 SS GSV87609
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Meth Date : 07-Aug-2009 13:44 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 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	6.759	6.758	(0.417)	1982981	2.00000	2.142
	2 Dichlorvos	8.952	8.952	(0.553)	820110	2.00000	1.988
$	3 Chlormefos	12.884	12.885	(0.796)	1049387	2.00000	1.693
	4 Mevinphos	13.007	13.006	(0.803)	396793	2.00000	1.578
	5 Demeton-O	15.938	15.939	(0.984)	783301	0.65000	2.068
	6 Thionazin	16.068	16.067	(0.992)	1242073	2.00000	2.214
*	7 Tributylphosphate	16.194	16.193	(1.000)	989795	2.00000	
	8 Ethoprop	16.334	16.332	(1.009)	991713	2.00000	1.968
	9 Naled	16.922	16.921	(1.045)	293536	2.00000	1.681
	10 Sulfotepp	17.234	17.234	(1.064)	1523384	2.00000	1.842(M)
	11 Phorate	17.259	17.268	(1.066)	669687	2.00000	1.601(M)
	12 Demeton-S	17.967	17.962	(1.109)	35517	1.36000	0.09345
	13 Simazine	18.368	18.368	(1.134)	310718	2.00000	2.770
	14 Atrazine / Propazine	18.433	18.434	(1.138)	961286	4.00000	4.232
	15 Dimethoate	18.572	18.569	(1.147)	1043639	2.00000	2.161
	16 Diazinon	18.968	18.967	(1.171)	894541	2.00000	1.823
	17 Disulfoton	19.229	19.231	(1.187)	968530	2.00000	1.954
	18 Methyl Parathion	21.132	21.132	(0.736)	687687	2.00000	1.965
	19 Ronnel	21.221	21.222	(0.739)	819203	2.00000	1.936
	20 Malathion	22.493	22.492	(0.784)	630611	2.00000	1.857
	21 Chlorpyrifos	22.644	22.644	(0.789)	779213	2.00000	1.974
	22 Trichloronate	22.818	22.819	(0.795)	842452	2.00000	1.730
	23 Parathion	22.866	22.866	(0.797)	901002	2.00000	2.044
	24 Fenthion	22.941	22.942	(0.799)	829378	2.00000	1.911
	25 Merphos-A (Merphos)	23.474	23.472	(0.818)	49502	2.00000	0.2815
	26 Anilazine	24.453	24.451	(0.852)	23396	2.00000	0.8232(M)
	27 Tetrachlorvinphos (stirophos)	25.868	25.869	(0.901)	517991	2.00000	1.864
	28 Tokuthion	26.043	26.043	(0.907)	908701	2.00000	1.961
	29 Merphos-B (Merphos oxone)	26.175	26.176	(0.912)	772553	2.00000	11.92(A)
	30 Carbophenothion methyl	26.998	26.999	(0.941)	436501	2.00000	1.348
	31 Fensulfothion	27.238	27.237	(0.949)	544086	2.00000	1.947
	32 Bolstar	27.346	27.347	(0.953)	881894	2.00000	1.988
	33 Carbophenothion	27.458	27.460	(0.957)	782536	2.00000	2.111

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Famphur	27.643	27.644	(0.963)	772985	2.00000	2.282
$	35 Triphenyl phosphate	27.933	27.932	(0.973)	567174	2.00000	1.789
	36 EPN	28.238	28.240	(0.984)	797078	2.00000	2.192
	37 Phosmet	28.366	28.366	(0.988)	677199	2.00000	2.275
*	38 TOCP	28.704	28.705	(1.000)	732545	2.00000	
	39 Azinphos-methyl	28.815	28.816	(1.004)	449646	2.00000	1.818
	40 Azinphos-ethyl	29.128	29.127	(1.015)	575359	2.00000	2.165
	41 Coumaphos	29.454	29.453	(1.026)	451547	2.00000	1.896
M	42 Total Demeton				818818	2.00000	2.162
M	43 Merphos				822055	2.00000	1.909

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

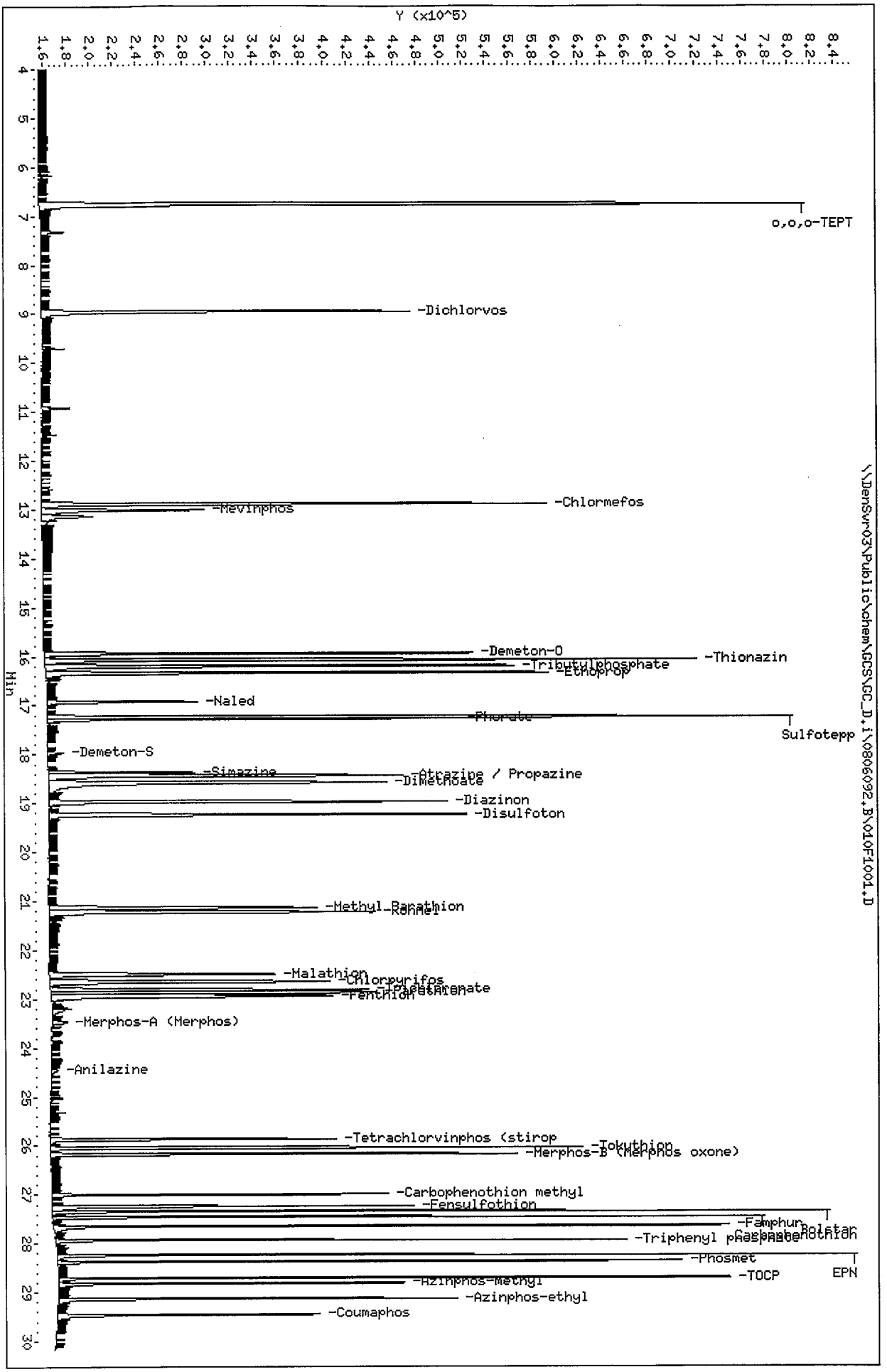
Instrument ID: GC_D.i
Lab File ID: 010F1001.D
Lab Smp Id: 8141 SS GSV87609
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Misc Info:

Calibration Date: 06-AUG-2009
Calibration Time: 16:45
Client Smp ID: 8141 SS GSV8760
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	1016126	508063	2032252	989795	-2.59
38 TOCP	752526	376263	1505052	732545	-2.66

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.20	15.70	16.70	16.19	-0.00
38 TOCP	28.71	28.21	29.21	28.70	-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.

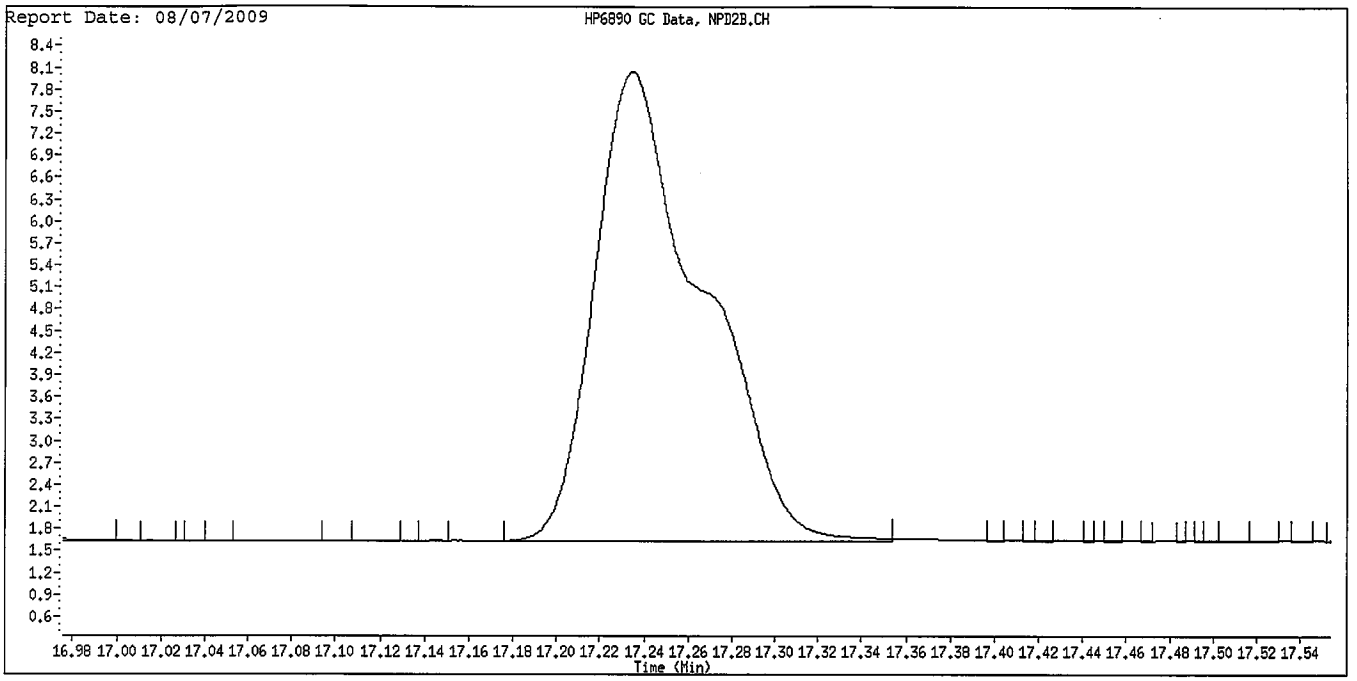


Data File: \\DenSvr03\Public\chem\GCS\GC_D,i\0806092,B\010F1001,D
Date : 06-AUG-2009 19:10
Client ID: 8141 SS GSV87609
Sample Info: 8141 SS GSV87609
Column phase: RTx-OPPest

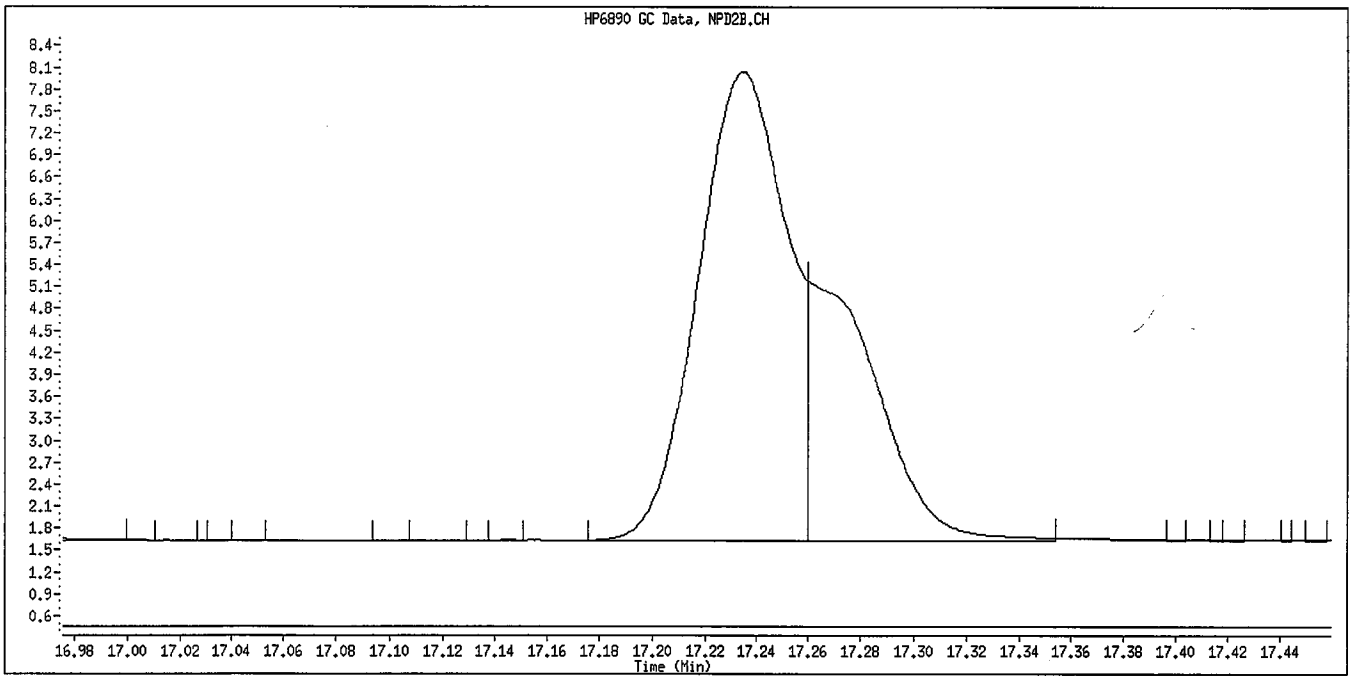
\\DenSvr03\Public\chem\GCS\GC_D,i\0806092,B\010F1004,D

Instrument: GC_D,i
Operator: MPK/TLN
Column diameter: 0.32

Data File Name: 010F1001.D
Inj. Date and Time: 06-AUG-2009 19:10
Instrument ID: GC_D.i
Client ID: 8141 SS GSV87609
Compound Name: Sulfotepp
CAS #:



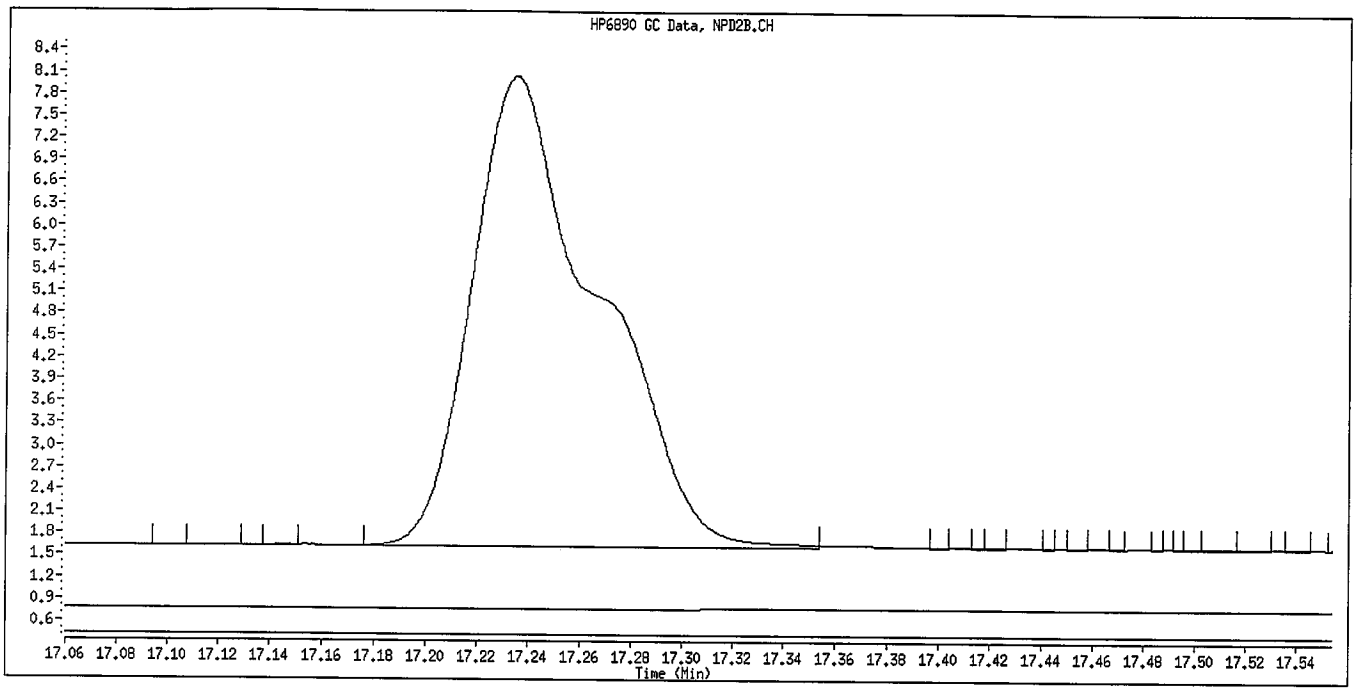
Original Integration



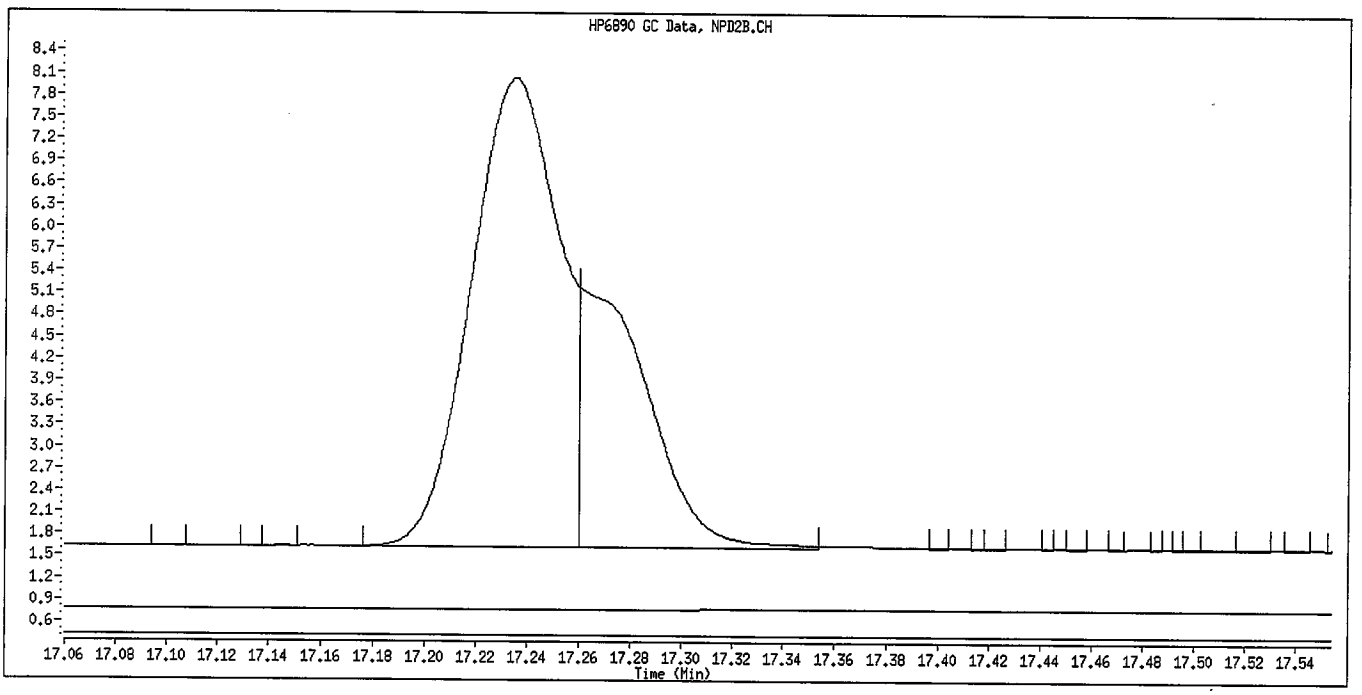
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 010F1001.D
Inj. Date and Time: 06-AUG-2009 19:10
Instrument ID: GC_D.i
Client ID: 8141 SS GSV87609
Compound Name: Phorate
CAS #:
Report Date: 08/07/2009



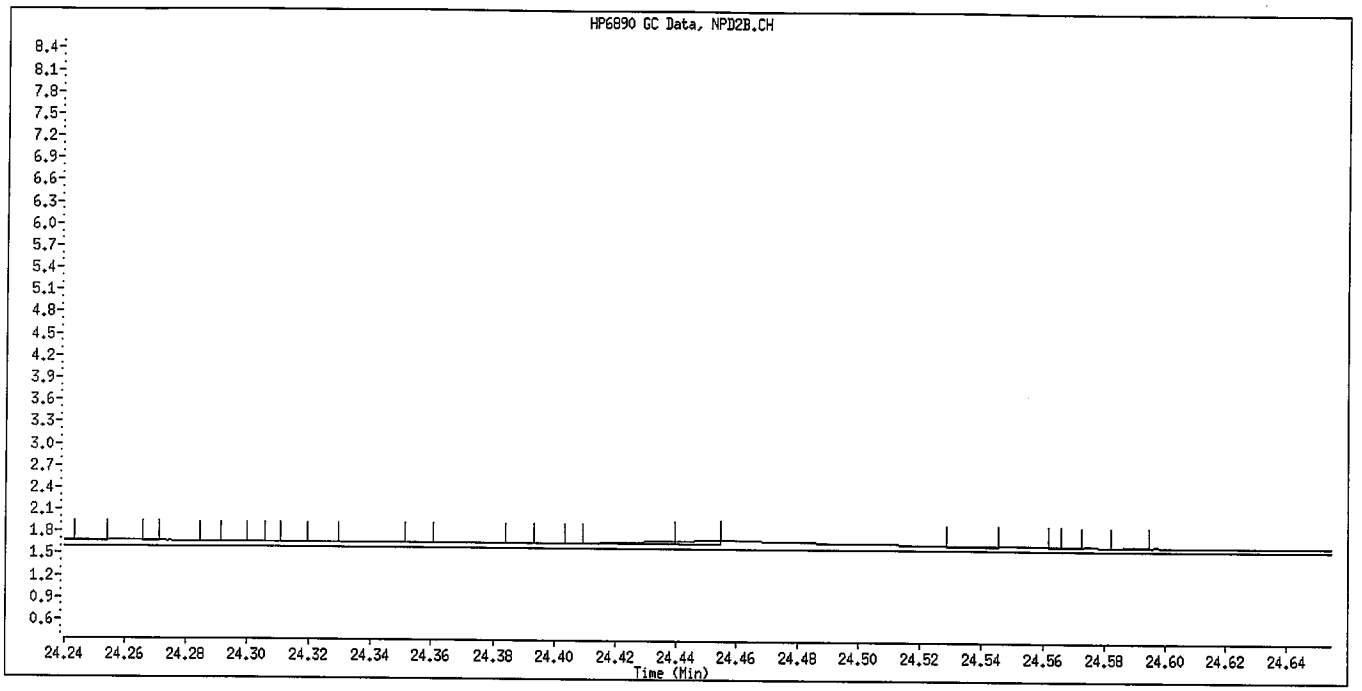
Original Integration



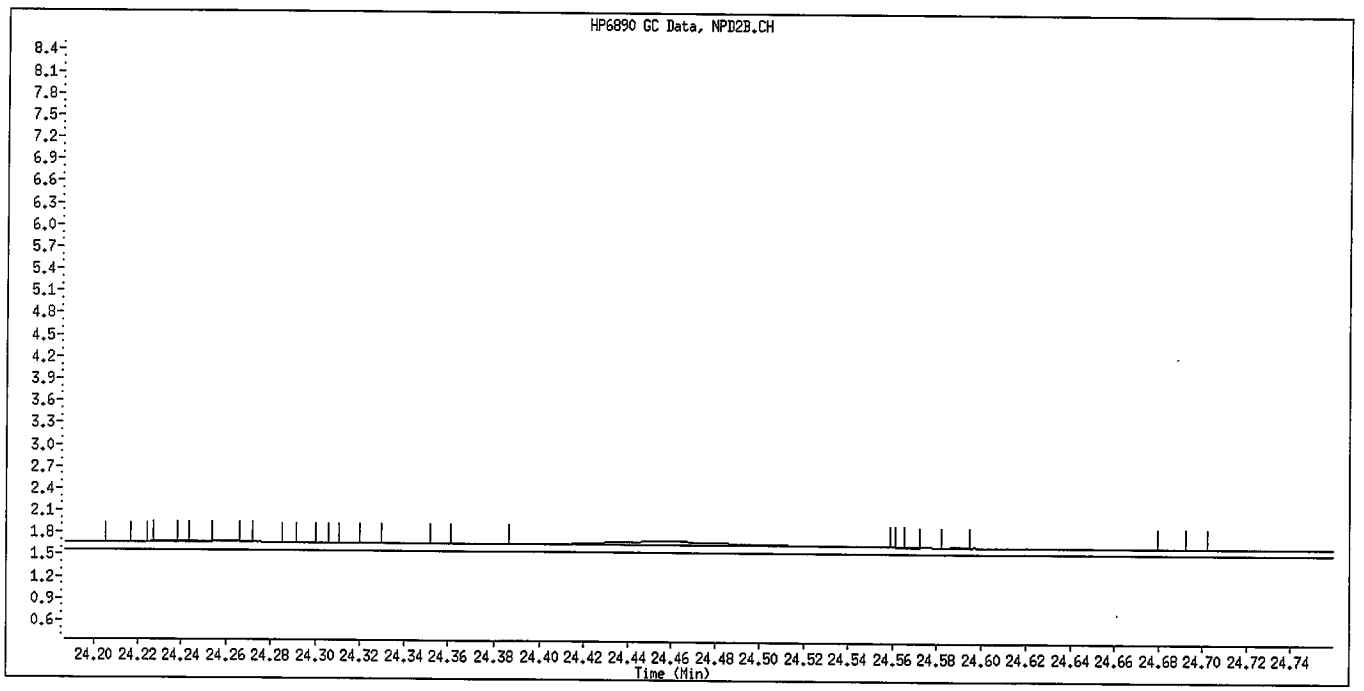
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 010F1001.D
Inj. Date and Time: 06-AUG-2009 19:10
Instrument ID: GC_D.i
Client ID: 8141 SS GSV87609
Compound Name: Anilazine
CAS #:
Report Date: 08/07/2009



Original Integration



Manual Integration

General Chemistry

Supporting Documentation

Sample Sequence, Instrument Printouts, Calculations

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Method: Moisture - 3550C

Batch #(s): 921213-8367-8152-2115

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

Signature/Date: _____

TestAmerica Denver

1/2

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Wet Chemistry Data Review Checklist For Gravimetric Methods

Test Name/Method #: 3550C Moisture Analysis Date: 8/6/2009

SOP #: WC-0023 Analyst: Clinkscales Instrument: Balance

Lot / Sample Numbers	Matrix	Batch	Method	QC	Special Inst
D9G220290-24 → 32	Soil	9212113	IJ	01	Fed Gtr
D9G310162-001 → 004	↓	↓	↓	↓	✓
D9GH030196-001 → 007	↓	↓	↓	↓	✓
D9G300228-001 → 012, 25 → 28	Soil	9218367	NJ	01	USGS DOD
D9G300280-001	Soil	9218152	NJ	01	ADEE
D9G300335-001 → 4, 6, 8	↓	↓	↓	↓	↓
D9G310290-005 → 008	↓	↓	↓	↓	↓
D9G240333-001 → 008, 12 → 15	Soil	9212115	IJ	01	

	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?	X			
2. Was the oven temperature within method requirements and recorded in the "Oven Temperature" logbook for the date(s) the samples were processed?	X			
3. Was the daily conductivity check of the deionized water recorded in the "Conductivity Logbook"?			X	
B. Method Requirements				
1. If sample is visibly oily, was this noted on the benchsheet?			X	
2. Was final residue weight within minimum/maximum requirements?	X			✓
3. Were the initial and final drying dates and times recorded on the benchsheet and were all samples dried for at least one hour?	X			✓
C. Sample Results				
1. TDS/Conductivity ratio or historical data checked?			X	
2. Were sample analyses done within holding time?			X	
3. Were special client requirements met?	X			✓
4. Were data that were manually transcribed from instrument printouts into QuanTIMS verified 100% including significant figures and units?	X			✓
5. Do the prep and analysis dates in QuanTIMS reflect the actual dates? Lots/Dates report checked?	X			✓
6. STD/True Value sheet is updated and included?			X	
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?			X	
2. Method blank < ½ RL or NCM provided?			X	
3. LCS/LCSD run for batch and within QC limits?			X	
4. DUP run for batch and RPD < 20% for samples >5 X RL?	X			✓

Analyst: [signature] Date: 8/7/09

Comments:

2nd Level Reviewer: [signature] Date: 8/7/09

Comments:

TESTAMERICA Denver

2/2

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Test Name/ Method #: Moisture

SOP # WC-0023

Instrument: Balance Analyst: CLINKscales

Analysis Date: 8/6/09

Lot / Sample Numbers	Matrix	Batch	Method	QC	Special Inst
D9G300332-001,002	Soil	9212115	IJ	01	
D9G310187-001,002	↓	↓	↓	↓	
D9G310295-001,002	↓	↓	↓	↓	

Revision 0
7/14/09
QA\Edit\Forms\Wet Chemistry\Generic Lot-Sample list

STL Denver

GRAVIMETRIC CALCULATION BENCHSHEET

ANALYST: RSC
REVIEWED BY: RSC
BATCH NO.: 9212113, 9212115, 9218152
Prep Code: 88
Method Code: IJ, IJ, NJ

ANALYSIS DATE: 08/06/09
REVIEW DATE: 87/709

METHOD NO.: MOIS
BALANCE NO.: BAL
FILE: 11408

Date/Time In: 8/6/2009 11:53
Date/Time Out: 8/7/2009 6:30
Temp In, C: 99
Temp Out, C: 101

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	RSC Upload?	Upload by %D
1	LG09M	D9G220290 -24	11:53		1	1.3000	18.99		16.0800	16.4			Y	
2	LG09M-X	D9G220290 -24	11:53	0	2	1.3100	16.46		14.1800	15			Y	8.9%
3	LG09N	D9G220290 -25	11:53		3	1.3200	17.17		14.6600	15.8			Y	
4	LG09P	D9G220290 -26	11:53		4	1.3300	17.16		13.7300	21.7			Y	
5	LG09Q	D9G220290 -27	11:53		5	1.3100	17.98		15.5500	14.6			Y	
6	LG09R	D9G220290 -28	11:53		6	1.3200	16.84		14.1100	17.6			Y	
7	LG09T	D9G220290 -29	11:53		7	1.3100	17.66		14.9800	16.4			Y	
8	LG09V	D9G220290 -30	11:53		8	1.3000	16.09		13.6500	16.5			Y	
9	LG09W	D9G220290 -31	11:53		9	1.3000	16.6		14.0700	16.5			Y	
10	LG09X	D9G220290 -32	11:53		10	1.3200	18.62		15.5800	17.6			Y	
11	LHCRC	D9G310162 -1	11:53		11	1.3200	14.28		13.7300	4.24			Y	
12	LHCRH	D9G310162 -2	11:53		12	1.3200	14.32		13.9400	2.92			Y	
13	LHCRJ	D9G310162 -3	11:53		13	1.3000	14.76		14.5600	1.49			Y	
14	LHCRK	D9G310162 -4	11:53		14	1.3300	14.72		14.5600	1.19			Y	
15	LHF3D	D9H030196 -1	11:53		15	1.3100	15.28		12.3100	21.3			Y	
16	LHF3F	D9H030196 -2	11:53		16	1.3100	13.31		8.1300	43.2			Y	
17	LHF3G	D9H030196 -3	11:53		17	1.3300	15.83		12.1000	25.7			Y	
18	LHF3H	D9H030196 -4	11:53		18	1.3200	16.37		14.3400	13.5			Y	
19	LHF3J	D9H030196 -5	11:53		19	1.3100	19.25		16.5800	14.9			Y	
20	LHF3L	D9H030196 -6	11:53		20	1.2900	16.03		14.5500	10			Y	
21	LHF3M	D9H030196 -7	11:53		21	1.2900	15.37		14.8300	3.84			Y	
22	LG3FL	D9G240333 -1	11:53		22	1.3100	16.12		12.9700	21.3			Y	
23	LG3FL-X	D9G240333 -1	11:53	0	23	1.3200	15.21		12.3700	20.4			Y	3.9%
24	LG3FP	D9G240333 -2	11:53		24	1.3100	16.63		13.8800	18			Y	
25	LG3FR	D9G240333 -3	11:53		25	1.3000	15.05		12.5700	18			Y	
26	LG3FV	D9G240333 -4	11:53		26	1.3200	16.12		13.9400	14.7			Y	
27	LG3FX	D9G240333 -5	11:53		27	1.3100	14.37		12.3800	15.2			Y	
28	LG3F1	D9G240333 -6	11:53		28	1.3300	15		12.7000	16.8			Y	
29	LG3F3	D9G240333 -7	11:53		29	1.3100	17.74		14.6300	18.9			Y	
30	LG3F4	D9G240333 -8	11:53		30	1.3000	17.02		14.1600	18.2			Y	
31	LG6XM	D9G240333 -12	11:53		31	1.3200	17.38		14.6800	16.8			Y	
32	LG6XV	D9G240333 -13	11:53		32	1.3000	16.81		14.2700	16.4			Y	
33	LG6XW	D9G240333 -14	11:53		33	1.3100	15.11		13.2100	13.8			Y	
34	LG6X0	D9G240333 -15	11:53		34	1.2900	15.37		13.8600	10.7			Y	
35	LHA07	D9G300332 -1	11:53		35	1.2900	16.62		15.5700	6.85			Y	
36	LHA08	D9G300332 -2	11:53		36	1.3000	15.98		12.7500	22			Y	
37	LHC04	D9G310187 -1	11:53		37	1.3300	17.19		15.9600	7.76			Y	
38	LHC1K	D9G310187 -2	11:53		38	1.3300	15.47		12.7500	19.2			Y	
39	LHDXM	D9G310295 -1	11:53		39	1.3200	16.03		13.3700	18.1			Y	
40	LHD1H	D9G310295 -2	11:53		40	1.3200	14.84		12.8600	14.6			Y	
41	LHANL	D9G300280 -1	11:53		41	1.3200	28.16		6.6500	80.1			Y	
42	LHA1T	D9G300335 -1	11:53		42	1.3000	15.41		15.2000	1.49			Y	
43	LHA1T-X	D9G300335 -1	11:53	0	43	1.3000	15.26		15.0500	1.5			Y	1.1%
44	LHA14	D9G300335 -2	11:53		44	1.3200	16.51		15.9500	3.69			Y	
45	LHA19	D9G300335 -3	11:53		45	1.3100	15.36		15.3400	0.14		< RL	Y	
46	LHA2A	D9G300335 -4	11:53		46	1.3200	15.27		12.5200	19.7			Y	

STL Denver

GRAVIMETRIC CALCULATION BENCHSHEET

ANALYST RSC
REVIEWED BY RSC
BATCH NO. 9218367
Prep Code 88
Method Code NJ

ANALYSIS DATE 08/06/09
REVIEW DATE

METHOD NO. MOIS
BALANCE NO. BAL
FILE 11408

Date/Time In 8/6/2009 15:30:00
Date/Time Out 8/7/2009 6:30
Temp In, C 101
Temp Out, C 100

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 Wt g	Percent Moisture %	%Rec.	Check	RSC Upload?	Upload by %D
1	LG939	D9G300228 -1	8/6/200		1	1.2900	20.01		19.5600	2.4			Y	
2	LG94A	D9G300228 -2	8/6/200		2	1.3000	15.68		15.5200	1.11			Y	
3	LG94C	D9G300228 -3	8/6/200		3	1.2900	19.54		19.2600	1.53			Y	
4	LG94D	D9G300228 -4	8/6/200		4	1.3400	18.73		18.4200	1.78			Y	
5	LG94E	D9G300228 -5	8/6/200		5	1.3500	16.95		16.6900	1.67			Y	
6	LG94F	D9G300228 -6	8/6/200		6	1.3100	17.26		16.9400	2.01			Y	
7	LG94G	D9G300228 -7	8/6/200		7	1.2800	20.07		19.8300	1.28			Y	
8	LG94H	D9G300228 -8	8/6/200		8	1.2900	19.64		19.5400	0.54			Y	
9	LG94J	D9G300228 -9	8/6/200		9	1.3100	14.56		14.2100	2.64			Y	
10	LG94J-X	D9G300228 -9	8/6/200	0	10	1.3000	17.55		17.1300	2.58			Y	2.2%
11	LG94M	D9G300228 -10	8/6/200		11	1.3200	18.31		17.8100	2.94			Y	
12	LG94N	D9G300228 -11	8/6/200		12	1.3100	15		14.6100	2.85			Y	
13	LG94P	D9G300228 -12	8/6/200		13	1.3200	16.97		16.5800	2.49			Y	
14	LHEN8	D9G300228 -25	8/6/200		14	1.3300	16.44		16.1000	2.25			Y	
15	LHEN9	D9G300228 -26	8/6/200		15	1.3300	16.34		16.1100	1.53			Y	
16	LHEPA	D9G300228 -27	8/6/200		16	1.3200	16.65		16.3000	2.28			Y	
17	LHEPC	D9G300228 -28	8/6/200		17	1.3300	16.42		16.0100	2.72			Y	
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STL Denver

GRAVIMETRIC CALCULATION BENCHSHEET

ANALYST: RSC
REVIEWED BY: RSC
BATCH NO.: 9212113, 9212115, 9215152
Prep Code: 88
Method Code: IJ, IJ, NJ

ANALYSIS DATE: 08/06/09
REVIEW DATE: 87/709

METHOD NO.: MOIS
BALANCE NO.: BAL
FILE: 11408

Date/Time In: 8/6/2009 11:53
Date/Time Out: 8/7/2009 6:30
Temp In, C: 99
Temp Out, C: 101

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 RSC Upload?	%D
47	LHA2G	D9G300335 -6	11:53		47	1.3000	21.18		14.7000	32.6			Y	
48	LHA2J	D9G300335 -8	11:53		48	1.2900	17.84		13.9500	23.5			Y	
49	LHDXJ	D9G310290 -5	11:53		49	1.3100	19.62		16.2500	18.4			Y	
50	LHDX4	D9G310290 -6	11:53		50	1.3200	16.32		12.6200	24.7			Y	
51	LHD0A	D9G310290 -7	11:53		51	1.3400	19.47		15.7600	20.6			Y	
52	LHD0D	D9G310290 -8	11:53		52	1.3000	19.06		16.1700	16.3			Y	
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General Chemistry

Supporting Documentation

Sample Sequence, Instrument Printouts, Calculations

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Method: Moisture - 3550C

Batch #(s): 921213-8367-8152-2115

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

Signature/Date: _____

TestAmerica Denver

1/2

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Wet Chemistry Data Review Checklist For Gravimetric Methods

Test Name/Method #: 3550C Moisture Analysis Date: 8/6/2009

SOP #: WC-0023 Analyst: Clinkscales Instrument: Balance

Lot / Sample Numbers	Matrix	Batch	Method	QC	Special Inst
D9G220290-24 → 32	Soil	9212113	IJ	01	Fed Ctr
D9G310162-001 → 004	↓	↓	↓	↓	✓
D9H030196-001 → 007	↓	↓	↓	↓	✓
D9G300228-001 → 012, 25 → 28	Soil	9218367	NJ	01	USGS DOD
D9G300280-001	Soil	9218152	NJ	01	AFCEE
D9G300335-001 → 4, 6, 8	↓	↓	↓	↓	↓
D9G310290-005 → 008	↓	↓	↓	↓	↓
D9G240333-001 → 008, 12 → 15	Soil	9212115	IJ	01	

	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?	X			
2. Was the oven temperature within method requirements and recorded in the "Oven Temperature" logbook for the date(s) the samples were processed?	X			
3. Was the daily conductivity check of the deionized water recorded in the "Conductivity Logbook"?			X	
B. Method Requirements				
1. If sample is visibly oily, was this noted on the benchsheet?			X	
2. Was final residue weight within minimum/maximum requirements?	X			✓
3. Were the initial and final drying dates and times recorded on the benchsheet and were all samples dried for at least one hour?	X			✓
C. Sample Results				
1. TDS/Conductivity ratio or historical data checked?			X	
2. Were sample analyses done within holding time?			X	
3. Were special client requirements met?	X			✓
4. Were data that were manually transcribed from instrument printouts into QuanTIMS verified 100% including significant figures and units?	X			✓
5. Do the prep and analysis dates in QuanTIMS reflect the actual dates? Lots/Dates report checked?	X			✓
6. STD/True Value sheet is updated and included?			X	
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?			X	
2. Method blank < ½ RL or NCM provided?			X	
3. LCS/LCSD run for batch and within QC limits?			X	
4. DUP run for batch and RPD < 20% for samples >5 X RL?	X			✓

Analyst: [signature] Date: 8/7/09

Comments:

2nd Level Reviewer: [signature] Date: 8/7/09

Comments:

TESTAMERICA Denver

2/2

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Test Name/ Method #: Moisture

SOP # WC-0023

Instrument: Balance Analyst: CLINKscales

Analysis Date: 8/6/09

Lot / Sample Numbers	Matrix	Batch	Method	QC	Special Inst
D9G300332-001,002	Soil	9212115	IJ	01	
D9G310187-001,002	↓	↓	↓	↓	
D9G310295-001,002	↓	↓	↓	↓	

Revision 0
7/14/09
QA\Edit\Forms\Wet Chemistry\Generic Lot-Sample list

STL Denver

GRAVIMETRIC CALCULATION BENCHSHEET

ANALYST: RSC
REVIEWED BY: RSC
BATCH NO.: 9212113, 9212115, 9218152
Prep Code: 88
Method Code: IJ, IJ, NJ

ANALYSIS DATE: 08/06/09
REVIEW DATE: 87/709

METHOD NO.: MOIS
BALANCE NO.: BAL
FILE: 11408

Date/Time In: 8/6/2009 11:53
Date/Time Out: 8/7/2009 6:30
Temp In, C: 99
Temp Out, C: 101

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	RSC Upload? Upload by	%D
1	LG09M	D9G220290 -24	11:53		1	1.3000	18.99		16.0800	16.4			Y	
2	LG09M-X	D9G220290 -24	11:53	0	2	1.3100	16.46		14.1800	15			Y	8.9%
3	LG09N	D9G220290 -25	11:53		3	1.3200	17.17		14.6600	15.8			Y	
4	LG09P	D9G220290 -26	11:53		4	1.3300	17.16		13.7300	21.7			Y	
5	LG09Q	D9G220290 -27	11:53		5	1.3100	17.98		15.5500	14.6			Y	
6	LG09R	D9G220290 -28	11:53		6	1.3200	16.84		14.1100	17.6			Y	
7	LG09T	D9G220290 -29	11:53		7	1.3100	17.66		14.9800	16.4			Y	
8	LG09V	D9G220290 -30	11:53		8	1.3000	16.09		13.6500	16.5			Y	
9	LG09W	D9G220290 -31	11:53		9	1.3000	16.6		14.0700	16.5			Y	
10	LG09X	D9G220290 -32	11:53		10	1.3200	18.62		15.5800	17.6			Y	
11	LHCRC	D9G310162 -1	11:53		11	1.3200	14.28		13.7300	4.24			Y	
12	LHCRH	D9G310162 -2	11:53		12	1.3200	14.32		13.9400	2.92			Y	
13	LHCRJ	D9G310162 -3	11:53		13	1.3000	14.76		14.5600	1.49			Y	
14	LHCRK	D9G310162 -4	11:53		14	1.3300	14.72		14.5600	1.19			Y	
15	LHF3D	D9H030196 -1	11:53		15	1.3100	15.28		12.3100	21.3			Y	
16	LHF3F	D9H030196 -2	11:53		16	1.3100	13.31		8.1300	43.2			Y	
17	LHF3G	D9H030196 -3	11:53		17	1.3300	15.83		12.1000	25.7			Y	
18	LHF3H	D9H030196 -4	11:53		18	1.3200	16.37		14.3400	13.5			Y	
19	LHF3J	D9H030196 -5	11:53		19	1.3100	19.25		16.5800	14.9			Y	
20	LHF3L	D9H030196 -6	11:53		20	1.2900	16.03		14.5500	10			Y	
21	LHF3M	D9H030196 -7	11:53		21	1.2900	15.37		14.8300	3.84			Y	
22	LG3FL	D9G240333 -1	11:53		22	1.3100	16.12		12.9700	21.3			Y	
23	LG3FL-X	D9G240333 -1	11:53	0	23	1.3200	15.21		12.3700	20.4			Y	3.9%
24	LG3FP	D9G240333 -2	11:53		24	1.3100	16.63		13.8800	18			Y	
25	LG3FR	D9G240333 -3	11:53		25	1.3000	15.05		12.5700	18			Y	
26	LG3FV	D9G240333 -4	11:53		26	1.3200	16.12		13.9400	14.7			Y	
27	LG3FX	D9G240333 -5	11:53		27	1.3100	14.37		12.3800	15.2			Y	
28	LG3F1	D9G240333 -6	11:53		28	1.3300	15		12.7000	16.8			Y	
29	LG3F3	D9G240333 -7	11:53		29	1.3100	17.74		14.6300	18.9			Y	
30	LG3F4	D9G240333 -8	11:53		30	1.3000	17.02		14.1600	18.2			Y	
31	LG6XM	D9G240333 -12	11:53		31	1.3200	17.38		14.6800	16.8			Y	
32	LG6XV	D9G240333 -13	11:53		32	1.3000	16.81		14.2700	16.4			Y	
33	LG6XW	D9G240333 -14	11:53		33	1.3100	15.11		13.2100	13.8			Y	
34	LG6X0	D9G240333 -15	11:53		34	1.2900	15.37		13.8600	10.7			Y	
35	LHA07	D9G300332 -1	11:53		35	1.2900	16.62		15.5700	6.85			Y	
36	LHA08	D9G300332 -2	11:53		36	1.3000	15.98		12.7500	22			Y	
37	LHC04	D9G310187 -1	11:53		37	1.3300	17.19		15.9600	7.76			Y	
38	LHC1K	D9G310187 -2	11:53		38	1.3300	15.47		12.7500	19.2			Y	
39	LHDXM	D9G310295 -1	11:53		39	1.3200	16.03		13.3700	18.1			Y	
40	LHD1H	D9G310295 -2	11:53		40	1.3200	14.84		12.8600	14.6			Y	
41	LHANL	D9G300280 -1	11:53		41	1.3200	28.16		6.6500	80.1			Y	
42	LHA1T	D9G300335 -1	11:53		42	1.3000	15.41		15.2000	1.49			Y	
43	LHA1T-X	D9G300335 -1	11:53	0	43	1.3000	15.26		15.0500	1.5			Y	1.1%
44	LHA14	D9G300335 -2	11:53		44	1.3200	16.51		15.9500	3.69			Y	
45	LHA19	D9G300335 -3	11:53		45	1.3100	15.36		15.3400	0.14		< RL	Y	
46	LHA2A	D9G300335 -4	11:53		46	1.3200	15.27		12.5200	19.7			Y	

STL Denver

GRAVIMETRIC CALCULATION BENCHSHEET

ANALYST RSC
REVIEWED BY RSC
BATCH NO. 9218367
Prep Code 88
Method Code NJ

ANALYSIS DATE 08/06/09
REVIEW DATE

METHOD NO. MOIS
BALANCE NO. BAL
FILE 11408

Date/Time In 8/6/2009 15:30:00
Date/Time Out 8/7/2009 6:30
Temp In, C 101
Temp Out, C 100

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 Wt g	Percent Moisture %	%Rec.	Check	Upload by RSC Upload?	%D
1	LG939	D9G300228 -1	8/6/200		1	1.2900	20.01		19.5600	2.4			Y	
2	LG94A	D9G300228 -2	8/6/200		2	1.3000	15.68		15.5200	1.11			Y	
3	LG94C	D9G300228 -3	8/6/200		3	1.2900	19.54		19.2600	1.53			Y	
4	LG94D	D9G300228 -4	8/6/200		4	1.3400	18.73		18.4200	1.78			Y	
5	LG94E	D9G300228 -5	8/6/200		5	1.3500	16.95		16.6900	1.67			Y	
6	LG94F	D9G300228 -6	8/6/200		6	1.3100	17.26		16.9400	2.01			Y	
7	LG94G	D9G300228 -7	8/6/200		7	1.2800	20.07		19.8300	1.28			Y	
8	LG94H	D9G300228 -8	8/6/200		8	1.2900	19.64		19.5400	0.54			Y	
9	LG94J	D9G300228 -9	8/6/200		9	1.3100	14.56		14.2100	2.64			Y	
10	LG94J-X	D9G300228 -9	8/6/200	0	10	1.3000	17.55		17.1300	2.58			Y	2.2%
11	LG94M	D9G300228 -10	8/6/200		11	1.3200	18.31		17.8100	2.94			Y	
12	LG94N	D9G300228 -11	8/6/200		12	1.3100	15		14.6100	2.85			Y	
13	LG94P	D9G300228 -12	8/6/200		13	1.3200	16.97		16.5800	2.49			Y	
14	LHEN8	D9G300228 -25	8/6/200		14	1.3300	16.44		16.1000	2.25			Y	
15	LHEN9	D9G300228 -26	8/6/200		15	1.3300	16.34		16.1100	1.53			Y	
16	LHEPA	D9G300228 -27	8/6/200		16	1.3200	16.65		16.3000	2.28			Y	
17	LHEPC	D9G300228 -28	8/6/200		17	1.3300	16.42		16.0100	2.72			Y	
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STL Denver

GRAVIMETRIC CALCULATION BENCHSHEET

ANALYST: RSC
REVIEWED BY: RSC
BATCH NO.: 9212113, 9212115, 9215152
Prep Code: 88
Method Code: IJ, IJ, NJ

ANALYSIS DATE: 08/06/09
REVIEW DATE: 87/709

METHOD NO.: MOIS
BALANCE NO.: BAL
FILE: 11408

Date/Time In: 8/6/2009 11:53
Date/Time Out: 8/7/2009 6:30
Temp In, C: 99
Temp Out, C: 101

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 RSC Upload?	%D
47	LHA2G	D9G300335 -6	11:53		47	1.3000	21.18		14.7000	32.6			Y	
48	LHA2J	D9G300335 -8	11:53		48	1.2900	17.84		13.9500	23.5			Y	
49	LHDXJ	D9G310290 -5	11:53		49	1.3100	19.62		16.2500	18.4			Y	
50	LHDX4	D9G310290 -6	11:53		50	1.3200	16.32		12.6200	24.7			Y	
51	LHD0A	D9G310290 -7	11:53		51	1.3400	19.47		15.7600	20.6			Y	
52	LHD0D	D9G310290 -8	11:53		52	1.3000	19.06		16.1700	16.3			Y	
53														
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Semivolatile GC

Supporting Documentation

Sample Sequence, Chromatograms

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Lot ID: D9G310185

Client: Northgate

Method: 8141

Associated Samples: 1

Batch #(s): 9215363

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

Signature/Date: 08.12.09

GC SEMIVOLATILE ORGANIC EXTRACTION LOG SHEETS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

RQC058

TestAmerica Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 8/05/09
Time: 19:40:10

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 AnalyticalGrou
_ Bench Sheet Copied per COC

Extractionist: 009580 David Bourgery

Concentrationist: 002770 Erma J. Pottruff

Reviewer/Date: POTTRUFE / 8/05/09

QC BATCH: 9215363

PREP DATE: 8/03/09 22:15
COMP DATE: 8/05/09 18:15

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
8/04/09	8/12/09	D9G290166-001 **LG7QW-1-AA**	D	09	P2	WATER	**1042mL** 2.00mL	8.0	NA	NA	MECL2	180.0	HEXANE	50.0	1ML GSV0893 7.30.09
COMMENTS:															
8/05/09	8/12/09	D9G290166-002 **LHCVW-1-AA**	D	09	P2	WATER	**1054mL** 2.00mL	8.0	NA	NA	MECL2	180.0	HEXANE	50.0	1ML GSV0893 7.30.09
COMMENTS:															
8/05/09	8/12/09	D9G310185-001 **LHCX5-1-AA**	DR	09	P2	WATER	**1055mL** 2.00mL	8.0	NA	NA	MECL2	180.0	HEXANE	50.0	1ML GSV0893 7.30.09
COMMENTS:															
8/04/09	0/00/00	D9H030000-363 **LHF29-1-AA**B		09	P2	WATER	**1000mL** 2.00mL	7.0	NA	NA	MECL2	180.0	HEXANE	50.0	1ML GSV0893 7.30.09
COMMENTS:															
8/04/09	0/00/00	D9H030000-363 **LHF29-1-ACC**		09	P2	WATER	**1000mL** 2.00mL	7.0	NA	NA	MECL2	180.0	HEXANE	50.0	1ML GSV0883 7.28.09 1ML GSV0893 7.30.09
COMMENTS:															
8/04/09	0/00/00	D9H030000-363 **LHF29-1-ADL**	R	09	P2	WATER	**1000mL** 2.00mL	7.0	NA	NA	MECL2	180.0	HEXANE	50.0	1ML GSV0883 7.28.09 1ML GSV0893 7.30.09
COMMENTS:															

DV-OP-0006/7 BAL:M27995 NA2SO4:G45627 ELGA WATER+NACL:G47617 MECL2:H29J00
S/S:DB-A W:KH SHARE QC:364/363 TURBO VAP B & C 40C HEXANE H11E04 PIP OP-P1
@ 2

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

NUMBER OF WORK ORDERS IN BATCH: 6

GC SEMIVOLATILE INSTRUMENT LOG SHEETS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Sequence: C:\HPCHEM\2\SEQUENCE\D080809.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	8141 CCV GSV861				
4	Vial 4	LG34C1AA,MB				
5	Vial 5	LGW541AA,293-1				
6	Vial 6	LGW551AA,293-2				
7	Vial 7	LGW561AA,293-3				
8	Vial 8	LGW571AA,293-4				
9	Vial 9	LG8TE1AA,MB				
10	Vial 10	LGW581AA,293-5				
11	Vial 11	LGW591AA,293-6				
12	Vial 12	LGW6A1AA,293-7				
13	Vial 13	LGW6C1AA,293-8				
14	Vial 14	8141 CCV GSV861				
15	Vial 15	LHF291AA,MB				
16	Vial 16	LHF291AC,LCS				
17	Vial 17	LHF291AD,LCSD				
18	Vial 18	LG7QW1AA,166-1				
19	Vial 19	LHCVW1AA,166-2				
20	Vial 20	LHCX51AA,185-1				
21	Vial 21	LHF3A1AA,MB				
22	Vial 22	LHF3A1AC,LCS				
23	Vial 23	LHF3A1AD,LCSD				
24	Vial 24	LHC3A1AA,193-1				
25	Vial 25	LHC3E1AA,193-2				
26	Vial 26	LHC3G1AA,193-3				
27	Vial 27	LHC3J1AA,193-4				
28	Vial 28	LHC3M1AA,193-5				
29	Vial 29	LHC3P1AA,193-6				
30	Vial 30	LHC3Q1AA,193-7				
31	Vial 31	8141 CCV GSV861				
32	Vial 32	LHKE31AA,MB				
33	Vial 33	LHK3E1AC,LCS				
34	Vial 34	LHK3E1AD,LCSD				
35	Vial 35	LHHN71AA,268-1				
36	Vial 36	LHHN81AA,268-2				
37	Vial 37	LHHN91AA,268-3				
38	Vial 38	LHHPA1AA,268-4				
39	Vial 39	LHHPC1AA,268-5				
40	Vial 40	LHHPD1AA,268-6				
41	Vial 41	LHHPE1AA,268-7				
42	Vial 42	LHHPF1AA,268-8				
43	Vial 43	LHK3A1AA,MB				
44	Vial 44	LHK3A1AC,LCS				
45	Vial 45	LHK3A1AD,LCSD				
46	Vial 46	LHG7R1AA,197-1				
47	Vial 47	LHJ511AA,234-1				
48	Vial 48	8141 CCV GSV861				
49	Vial 49	LHFXQ1AA,MB				
50	Vial 50	LHFXQ1AC,LCS				
51	Vial 51	LHA071AA,332-1				
52	Vial 52	LHA071AD,332-1S				
53	Vial 53	LHA071AE,332-1D				
54	Vial 54	LHA081AA,332-2				
55	Vial 55	LHC041AA,187-1				
56	Vial 56	LHC1K1AA,187-2				
57	Vial 57	8141 CCV GSV861				
58	Vial 58	8141 L1 GSV862				
59	Vial 59	LG2M71AA,MB				

9206110

9210467

9215363

9215364

9217512

9217511

9215329

Sequence: C:\HPCHEM\2\SEQUENCE\D080809.S

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
60	Vial 60	LG2M71AC,LCS				
61	Vial 61	LGQ171AQ,204-2				
62	Vial 62	LGQ171D0,204-2S				
63	Vial 63	LGQ171D1,204-2D				
64	Vial 64	LGQ2E1AQ,204-7				
65	Vial 65	LGQ2F1AQ,204-8				
66	Vial 66	LGQ2G1AQ,204-9				
67	Vial 67	LGQ2H1AQ,204-10				
68	Vial 68	LGQ2J1AQ,204-11				
69	Vial 69	8141 CCV GSV861				
70	Vial 70	LGQ2K1AQ,204-12				
71	Vial 71	LGQ2L1AQ,204-13				
72	Vial 72	LGQ2M1AQ,204-14				
73	Vial 73	LGQ2N1AQ,204-15				
74	Vial 74	LGT191AT,319-17				
75	Vial 75	LGT2A1A5,319-18				
76	Vial 76	LGT2C1A5,319-19				
77	Vial 77	LGT2D1AG,319-20				
78	Vial 78	LGT2F1AG,319-22				
79	Vial 79	8141 CCV GSV861				
80	Vial 80	8141 L1 GSV862				
81	Vial 2	HEXANE/ACETONE				

205387

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_D.i\0808091.B/014F1401.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 014F1401.D
Analysis Type: NONE

Injection Date: 08-AUG-2009 23:23
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.2128	11.5	15.0	
2	Dichlorvos	2.5000	2.5276	1.1	15.0	
3	Mevinphos	2.5000	2.8018	12.1	15.0	
4	Chlormefos	2.5000	2.0916	16.3	15.0	<-
5	Thionazin	2.5000	2.3419	6.3	15.0	
6	Demeton-O	0.8125	0.7511	7.6	15.0	
7	Ethoprop	2.5000	2.2861	8.6	15.0	
8	Naled	2.5000	2.1391	14.4	15.0	
9	Sulfotepp	2.5000	2.3011	8.0	15.0	
10	Phorate	2.5000	2.2554	9.8	15.0	
11	Dimethoate	2.5000	2.4198	3.2	15.0	
12	Demeton-S	1.7000	1.6243	4.5	15.0	
13	Simazine	2.5000	2.0177	19.3	15.0	<-
14	Atrazine	2.5000	2.1579	13.7	15.0	
15	propazine	2.5000	2.2089	11.6	15.0	
17	Disulfoton	2.5000	2.2371	10.5	15.0	
16	Diazinon	2.5000	2.2829	8.7	15.0	
18	Methyl Parathion	2.5000	2.2743	9.0	15.0	
19	Ronnel	2.5000	2.3487	6.1	15.0	
20	Malathion	2.5000	2.2704	9.2	15.0	
21	Fenthion	2.5000	2.2475	10.1	15.0	
22	Parathion	2.5000	2.2423	10.3	15.0	
23	Chlorpyrifos	2.5000	2.2525	9.9	15.0	
24	Trichloronate	2.5000	2.2532	9.9	15.0	
25	Anilazine	2.5000	1.4745	41.0	15.0	<-
148	Merphos-A (Merphos)	2.5000	1.2687	49.3	999.0	
26	Tetrachlorvinphos (Stirophos)	2.5000	2.1917	12.3	15.0	
28	Tokuthion	2.5000	2.2618	9.5	15.0	
149	Merphos-B (Merphos Oxone)	2.5000	8.0351	221.4	999.0	
29	Carbophenothion-methyl	2.5000	2.3087	7.7	15.0	
29	Fensulfothion	2.5000	2.3701	5.2	15.0	
30	Bolstar / Famphur	5.0000	4.4478	11.0	15.0	
32	Carbophenothion	2.5000	2.3209	7.2	15.0	
31	Triphenyl phosphate	2.5000	2.3218	7.1	15.0	
34	Phosmet	2.5000	2.2416	10.3	15.0	
32	EPN	2.5000	2.2183	11.3	15.0	
33	Azinphos-methyl	2.5000	2.3151	7.4	15.0	
38	Azinphos-ethyl	2.5000	2.2157	11.4	15.0	
36	Coumaphos	2.5000	2.1997	12.0	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B/014F1401.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 014F1401.D
Analysis Type: NONE

Injection Date: 08-AUG-2009 23:23
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
40 Total Demeton	2.5000	2.3754	5.0	15.0
27 Merphos	2.5000	2.2853	8.6	15.0

Average %D = 16.3

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\014F1401.D
Lab Smp Id: 8141 CCV GSV861 Client Smp ID: 8141 CCV GSV861
Inj Date : 08-AUG-2009 23:23
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 CCV GSV861
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Meth Date : 10-Aug-2009 13:50 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 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	4.279	4.267	(0.313)	1323899	2.50000	2.213 (M)
	2 Dichlorvos	5.860	5.865	(0.428)	670292	2.50000	2.528
	3 Mevinphos	9.390	9.407	(0.686)	354843	2.50000	2.802
$	4 Chlormefos	9.509	9.502	(0.695)	1015961	2.50000	2.092
	5 Thionazin	12.626	12.625	(0.923)	852355	2.50000	2.342
	6 Demeton-O	12.881	12.876	(0.942)	224689	0.81250	0.7511
	7 Ethoprop	13.193	13.205	(0.964)	746784	2.50000	2.286
	8 Naled	13.478	13.482	(0.985)	258607	2.50000	2.139
*	9 Tributylphosphate	13.681	13.714	(1.000)	630137	2.00000	
	10 Sulfotepp	14.147	14.143	(1.034)	1135209	2.50000	2.301
	11 Phorate	14.232	14.227	(1.040)	732678	2.50000	2.255
	12 Dimethoate	14.395	14.416	(1.052)	718257	2.50000	2.420
	13 Demeton-S	14.672	14.682	(1.072)	436041	1.70000	1.624
	14 Simazine	14.779	14.783	(1.080)	221829	2.50000	2.018
	15 Atrazine	14.996	14.997	(1.096)	302558	2.50000	2.158
	16 propazine	15.178	15.178	(1.109)	306775	2.50000	2.209
	17 Disulfoton	15.869	15.866	(0.586)	677635	2.50000	2.237
	18 Diazinon	15.936	15.934	(0.589)	742386	2.50000	2.283
	19 Methyl Parathion	16.836	16.829	(0.622)	536060	2.50000	2.274
	20 Ronnel	17.463	17.456	(0.645)	580937	2.50000	2.349
	21 Malathion	18.136	18.134	(0.670)	489946	2.50000	2.270
	22 Fenthion	18.290	18.284	(0.675)	567072	2.50000	2.248
	23 Parathion	18.396	18.392	(0.679)	567764	2.50000	2.242
	24 Chlorpyrifos	18.458	18.451	(0.682)	681062	2.50000	2.252
	25 Trichloronate	18.966	18.958	(0.700)	692882	2.50000	2.253
	26 Anilazine	19.362	19.345	(0.715)	29847	2.50000	1.474
	27 Merphos-A (Merphos)	19.809	19.804	(0.732)	246617	2.50000	1.269
	28 Tetrachlorvinphos (Stirophos)	20.531	20.532	(0.758)	374588	2.50000	2.192
	29 Tokuthion	21.286	21.278	(0.786)	661503	2.50000	2.262
	30 Merphos-B (Merphos Oxone)	21.536	21.536	(0.795)	404055	2.50000	8.035 (A)
	31 Carbophenothion-methyl	22.266	22.254	(0.822)	465239	2.50000	2.309
	32 Fensulfothion	22.456	22.465	(0.829)	429902	2.50000	2.370
	33 Bolstar / Famphur	23.636	23.627	(0.873)	1118528	5.00000	4.448

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	23.959	23.947	(0.885)	549202	2.50000	2.321
$	35 Triphenyl phosphate	25.276	25.270	(0.933)	436770	2.50000	2.322(A)
	36 Phosmet	25.779	25.769	(0.952)	429146	2.50000	2.242
	37 EPN	26.107	26.097	(0.964)	540039	2.50000	2.218
	38 Azinphos-methyl	26.591	26.584	(0.982)	417990	2.50000	2.315
*	39 TOCP	27.079	27.076	(1.000)	431059	2.00000	
	40 Azinphos-ethyl	27.175	27.172	(1.004)	496344	2.50000	2.216
	41 Coumaphos	27.696	27.694	(1.023)	408300	2.50000	2.200
M	42 Total Demeton				660730	2.50000	2.375
M	43 Merphos				650672	2.50000	2.285

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_D.i
Lab File ID: 014F1401.D
Lab Smp Id: 8141 CCV GSV861
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Misc Info:

Calibration Date: 10-AUG-2009
Calibration Time: 02:04
Client Smp ID: 8141 CCV GSV861
Level:
Sample Type:

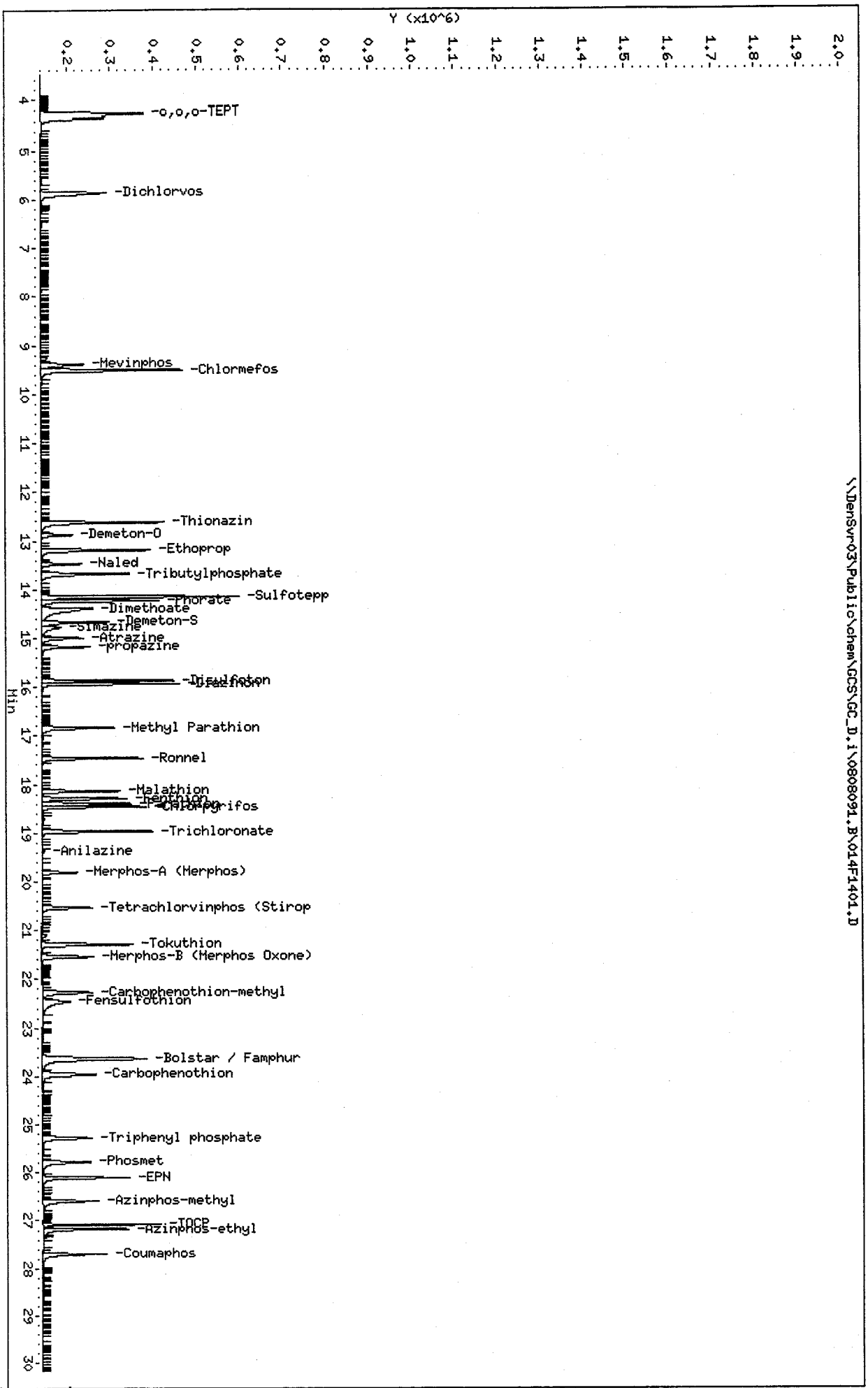
		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	585040	292520	1170080	630137	7.71
39 TOCP	430238	215119	860476	431059	0.19

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.73	13.23	14.23	13.68	-0.32
39 TOCP	27.09	26.59	27.59	27.08	-0.03

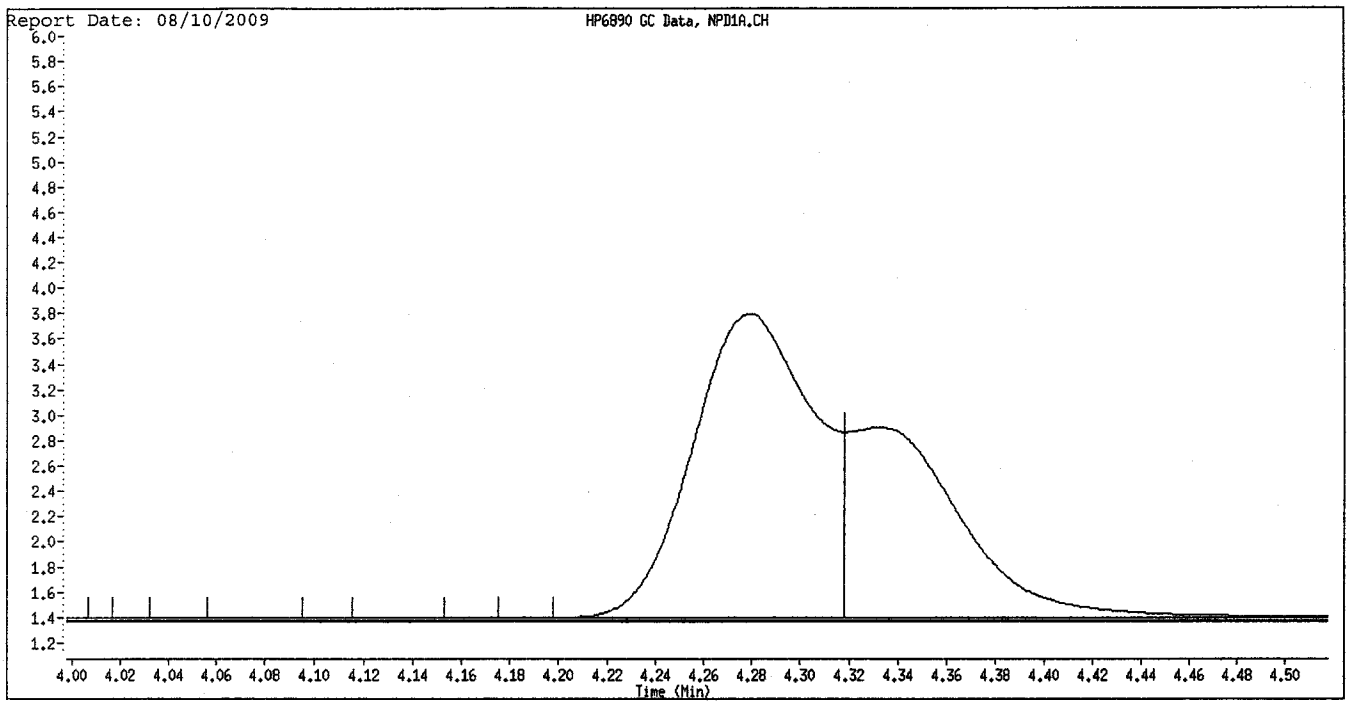
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\014F1401.D
Date : 08-AUG-2009 23:23
Client ID: 8141 CCV GSV861
Sample Info: 8141 CCV GSV861
Column phase: RTx-1MS

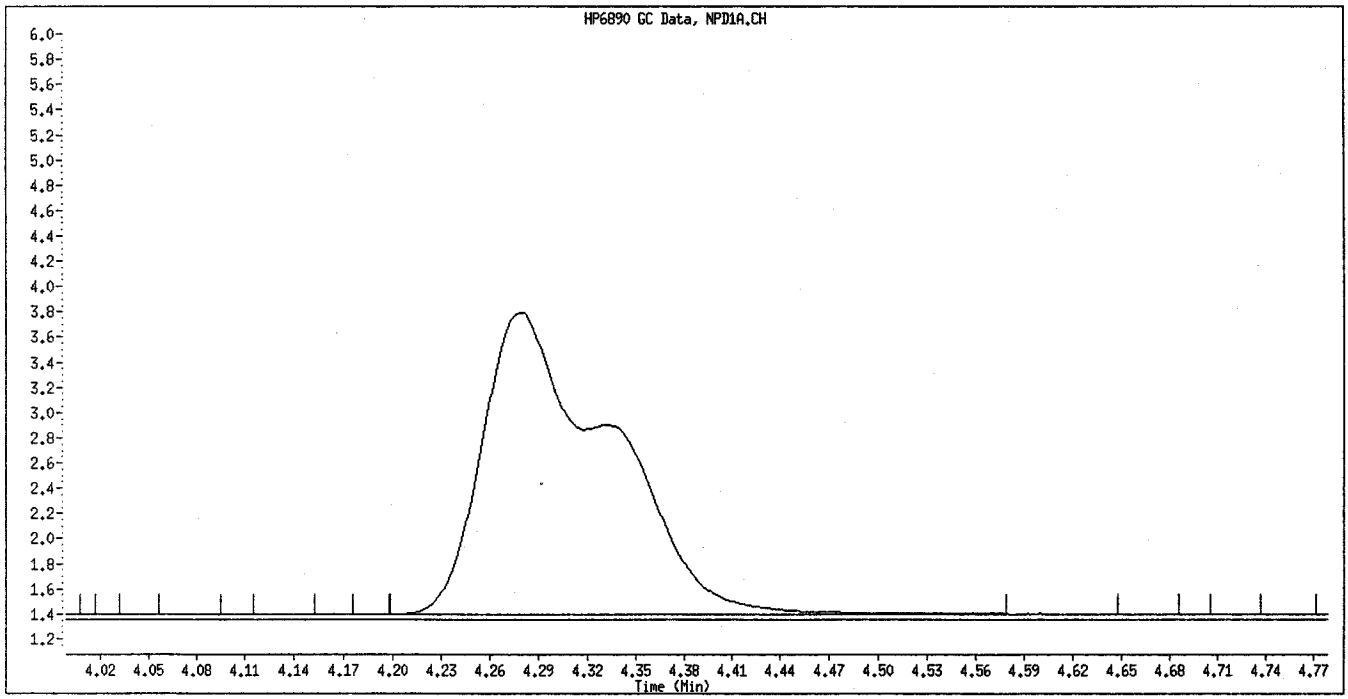
Instrument: GC_D.i
Operator: MPK/TLW
Column diameter: 0.32



Data File Name: 014F1401.D
Inj. Date and Time: 08-AUG-2009 23:23
Instrument ID: GC_D.i
Client ID: 8141 CCV GSV861
Compound Name: o,o,o-TEPT
CAS #:



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

8/11/09

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B/014F1401.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 014F1401.D
Analysis Type: NONE

Injection Date: 08-AUG-2009 23:23
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.1868	12.5	15.0	
2	Dichlorvos	2.5000	2.7628	10.5	15.0	
3	Chlormefos	2.5000	2.3755	5.0	15.0	
4	Mevinphos	2.5000	2.6791	7.2	15.0	
5	Demeton-O	0.8125	0.7680	5.5	15.0	
6	Thionazin	2.5000	2.3764	4.9	15.0	
7	Ethoprop	2.5000	2.3882	4.5	15.0	
10	Naled	2.5000	2.2953	8.2	15.0	
145	Sulfotepp	2.5000	2.2052	11.8	15.0	
8	Phorate	2.5000	2.2321	10.7	15.0	
15	Demeton-S	1.7000	1.6723	1.6	15.0	
10	Simazine	2.5000	2.2133	11.5	15.0	
13	Atrazine / Propazine	5.0000	4.3962	12.1	15.0	
16	Dimethoate	2.5000	2.4181	3.3	15.0	
11	Diazinon	2.5000	2.1447	14.2	15.0	
14	Disulfoton	2.5000	2.2378	10.5	15.0	
23	Methyl Parathion	2.5000	2.4987	0.1	15.0	
17	Ronnel	2.5000	2.3450	6.2	15.0	
24	Malathion	2.5000	2.2226	11.1	15.0	
18	Chlorpyrifos	2.5000	2.3673	5.3	15.0	
20	Trichloronate	2.5000	2.2413	10.3	15.0	
26	Parathion	2.5000	2.2233	11.1	15.0	
19	Fenthion	2.5000	2.3664	5.3	15.0	
151	Merphos-A (Merphos)	2.5000	1.2589	49.6	999.0	
21	Anilazine	2.5000	0.4809	80.8	15.0	<-
27	Tetrachlorvinphos (stirophos)	2.5000	2.2731	9.1	15.0	
25	Tokuthion	2.5000	2.3139	7.4	15.0	
148	Merphos-B (Merphos oxone)	2.5000	8.1359	225.4	999.0	
28	Carbophenothion methyl	2.5000	2.4807	0.8	15.0	
30	Fensulfothion	2.5000	2.3603	5.6	15.0	
28	Bolstar	2.5000	2.1824	12.7	15.0	
30	Carbophenothion	2.5000	2.3765	4.9	15.0	
33	Famphur	2.5000	2.4371	2.5	15.0	
29	Triphenyl phosphate	2.5000	2.2628	9.5	15.0	
32	EPN	2.5000	2.2673	9.3	15.0	
34	Phosmet	2.5000	2.2372	10.5	15.0	
34	Azinphos-methyl	2.5000	2.3827	4.7	15.0	
35	Azinphos-ethyl	2.5000	2.3625	5.5	15.0	
36	Coumaphos	2.5000	2.1682	13.3	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B/014F1401.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 014F1401.D
Analysis Type: NONE

Injection Date: 08-AUG-2009 23:23
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
40 Total Demeton	2.5000	2.4403	2.4	15.0
22 Merphos	2.5000	2.3078	7.7	15.0

Average %D = 15.7

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\014F1401.D
Lab Smp Id: 8141 CCV GSV861 Client Smp ID: 8141 CCV GSV861
Inj Date : 08-AUG-2009 23:23
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 CCV GSV861
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Meth Date : 10-Aug-2009 13:56 williamst Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 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	6.772	6.758	(0.418)	1518281	2.50000	2.187
	2 Dichlorvos	8.958	8.952	(0.553)	855067	2.50000	2.763
$	3 Chlormefos	12.891	12.885	(0.796)	1091820	2.50000	2.375
	4 Mevinphos	13.006	13.006	(0.803)	511375	2.50000	2.679
	5 Demeton-O	15.944	15.939	(0.985)	218169	0.81250	0.7680
	6 Thionazin	16.071	16.067	(0.993)	1000255	2.50000	2.376
*	7 Tributylphosphate	16.186	16.193	(1.000)	742473	2.00000	
	8 Ethoprop	16.335	16.332	(1.009)	890087	2.50000	2.388
	9 Naled	16.925	16.921	(1.046)	312190	2.50000	2.295
	10 Sulfotepp	17.240	17.234	(1.065)	1367730	2.50000	2.205
	11 Phorate	17.276	17.268	(1.067)	700252	2.50000	2.232
	12 Demeton-S	17.964	17.962	(1.110)	476767	1.70000	1.672
	13 Simazine	18.372	18.368	(1.135)	180804	2.50000	2.213
	14 Atrazine / Propazine	18.437	18.434	(1.139)	749147	5.00000	4.396
	15 Dimethoate	18.571	18.569	(1.147)	878738	2.50000	2.418
	16 Diazinon	18.972	18.967	(1.172)	789280	2.50000	2.145
	17 Disulfoton	19.237	19.231	(1.188)	831801	2.50000	2.238
	18 Methyl Parathion	21.140	21.132	(0.736)	645823	2.50000	2.499(A)
	19 Ronnel	21.229	21.222	(0.739)	725659	2.50000	2.345
	20 Malathion	22.500	22.492	(0.784)	553730	2.50000	2.222
	21 Chlorpyrifos	22.653	22.644	(0.789)	685704	2.50000	2.367
	22 Trichloronate	22.827	22.819	(0.795)	805161	2.50000	2.241
	23 Parathion	22.876	22.866	(0.797)	711399	2.50000	2.223
	24 Fenthion	22.949	22.942	(0.799)	749398	2.50000	2.366
	25 Merphos-A (Merphos)	23.484	23.472	(0.818)	265660	2.50000	1.259
	26 Anilazine	24.456	24.451	(0.852)	8694	2.50000	0.4809
	27 Tetrachlorvinphos (stirophos)	25.874	25.869	(0.901)	465578	2.50000	2.273
	28 Tokuthion	26.049	26.043	(0.907)	784048	2.50000	2.314
	29 Merphos-B (Merphos oxone)	26.180	26.176	(0.912)	460802	2.50000	8.136(A)
	30 Carbophenothion methyl	27.002	26.999	(0.941)	587633	2.50000	2.481
	31 Fensulfothion	27.239	27.237	(0.949)	486430	2.50000	2.360
	32 Bolstar	27.350	27.347	(0.953)	707846	2.50000	2.182
	33 Carbophenothion	27.463	27.460	(0.957)	644277	2.50000	2.376

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Famphur	27.646	27.644	(0.963)	603750	2.50000	2.437
$	35 Triphenyl phosphate	27.936	27.932	(0.973)	524606	2.50000	2.263
	36 EPN	28.241	28.240	(0.984)	602881	2.50000	2.267
	37 Phosmet	28.368	28.366	(0.988)	486918	2.50000	2.237
*	38 TOCP	28.708	28.705	(1.000)	535756	2.00000	
	39 Azinphos-methyl	28.819	28.816	(1.004)	434224	2.50000	2.383
	40 Azinphos-ethyl	29.131	29.127	(1.015)	459130	2.50000	2.362
	41 Coumaphos	29.456	29.453	(1.026)	378823	2.50000	2.168
M	42 Total Demeton				694936	2.50000	2.440
M	43 Merphos				726462	2.50000	2.308 (A)

QC Flag Legend

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

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

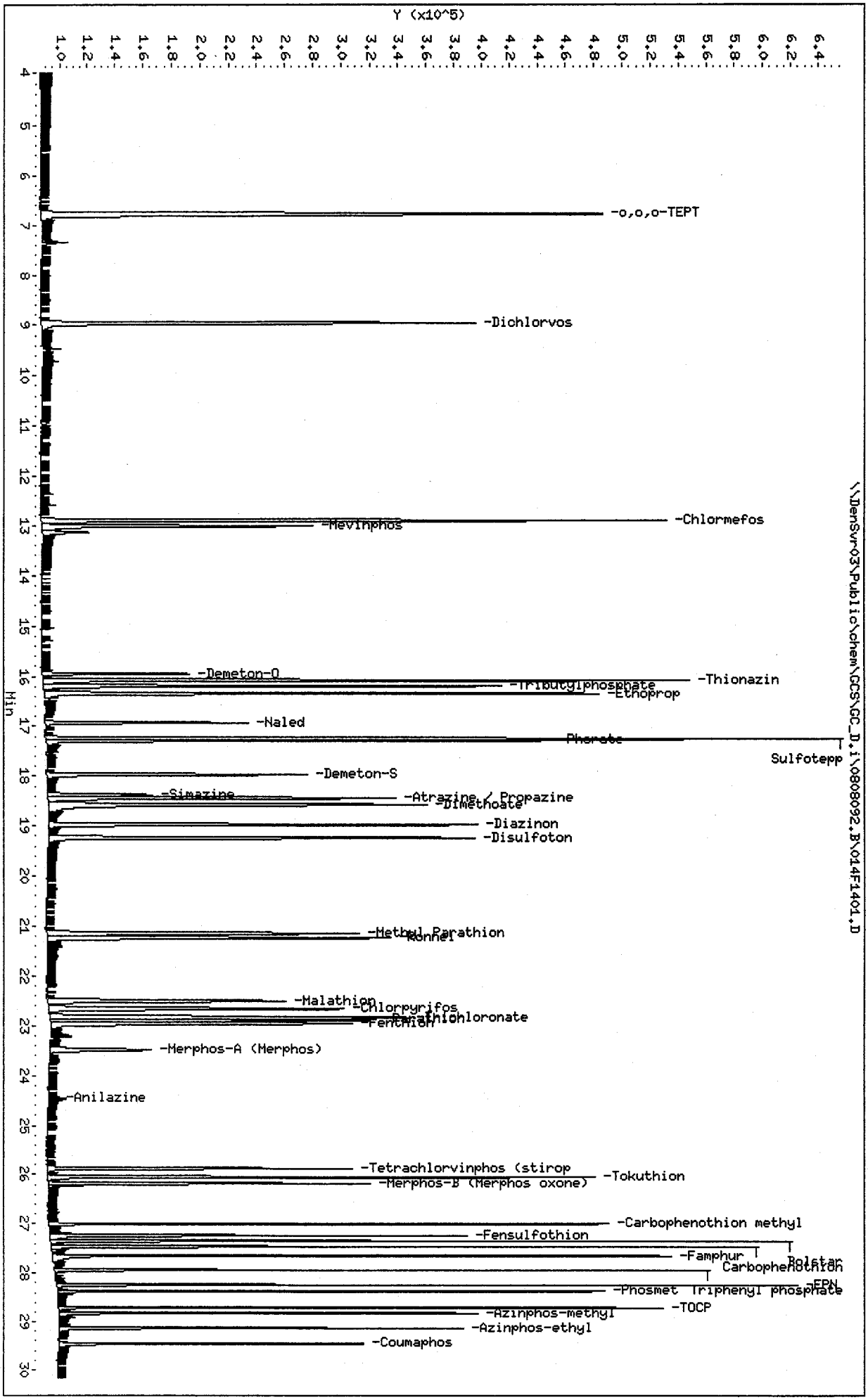
Instrument ID: GC_D.i
Lab File ID: 014F1401.D
Lab Smp Id: 8141 CCV GSV861
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Misc Info:

Calibration Date: 08-AUG-2009
Calibration Time: 11:51
Client Smp ID: 8141 CCV GSV861
Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
7 Tributylphosphate	755929	377965	1511858	742473	-1.78
38 TOCP	586982	293491	1173964	535756	-8.73

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.19	15.69	16.69	16.19	-0.01
38 TOCP	28.71	28.21	29.21	28.71	-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_D.i\0808092.B\014F1401.D
Date : 08-AUG-2009 23:23
Client ID: 8141 CCV GSV861
Sample Info: 8141 CCV GSV861
Column phase: RTx-OPPest

\\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\014F1401.D

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

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B/031F3101.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 031F3101.D
Analysis Type: NONE

Injection Date: 09-AUG-2009 09:41
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.2258	11.0	15.0	
2	Dichlorvos	2.5000	2.7870	11.5	15.0	
3	Mevinphos	2.5000	2.7443	9.8	15.0	
4	Chlormefos	2.5000	2.0479	18.1	15.0	<-
5	Thionazin	2.5000	2.3435	6.3	15.0	
6	Demeton-O	0.8125	0.7897	2.8	15.0	
7	Ethoprop	2.5000	2.3220	7.1	15.0	
8	Naled	2.5000	1.9523	21.9	15.0	<-
9	Sulfotepp	2.5000	2.2640	9.4	15.0	
10	Phorate	2.5000	2.2807	8.8	15.0	
11	Dimethoate	2.5000	2.4396	2.4	15.0	
12	Demeton-S	1.7000	1.6288	4.2	15.0	
13	Simazine	2.5000	2.3033	7.9	15.0	
14	Atrazine	2.5000	2.2355	10.6	15.0	
15	propazine	2.5000	2.3108	7.6	15.0	
17	Disulfoton	2.5000	2.2697	9.2	15.0	
16	Diazinon	2.5000	2.4458	2.2	15.0	
18	Methyl Parathion	2.5000	2.3951	4.2	15.0	
19	Ronnel	2.5000	2.3906	4.4	15.0	
20	Malathion	2.5000	2.4038	3.8	15.0	
21	Fenthion	2.5000	2.3642	5.4	15.0	
22	Parathion	2.5000	2.3705	5.2	15.0	
23	Chlorpyrifos	2.5000	2.3100	7.6	15.0	
24	Trichloronate	2.5000	2.3144	7.4	15.0	
25	Anilazine	2.5000	1.5045	39.8	15.0	<-
148	Merphos-A (Merphos)	2.5000	0.6130	75.5	999.0	
26	Tetrachlorvinphos (Stirophos)	2.5000	2.2778	8.9	15.0	
28	Tokuthion	2.5000	2.3012	8.0	15.0	
149	Merphos-B (Merphos Oxone)	2.5000	9.1868	267.5	999.0	
29	Carbophenothion-methyl	2.5000	2.3650	5.4	15.0	
29	Fensulfothion	2.5000	2.4549	1.8	15.0	
30	Bolstar / Famphur	5.0000	4.6225	7.5	15.0	
32	Carbophenothion	2.5000	2.3569	5.7	15.0	
31	Triphenyl phosphate	2.5000	2.4113	3.5	15.0	
34	Phosmet	2.5000	2.3251	7.0	15.0	
32	EPN	2.5000	2.2961	8.2	15.0	
33	Azinphos-methyl	2.5000	2.4104	3.6	15.0	
38	Azinphos-ethyl	2.5000	2.3407	6.4	15.0	
36	Coumaphos	2.5000	2.3321	6.7	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B/031F3101.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 031F3101.D
Analysis Type: NONE

Injection Date: 09-AUG-2009 09:41
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
40 Total Demeton	2.5000	2.4185	3.3	15.0	
27 Merphos	2.5000	1.9052	23.8	15.0	<-

Average %D = 16.4

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\031F3101.D
Lab Smp Id: 8141 CCV GSV861 Client Smp ID: 8141 CCV GSV861
Inj Date : 09-AUG-2009 09:41
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 CCV GSV861
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Meth Date : 10-Aug-2009 13:50 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 Cal File: 009F0901.D
Als bottle: 31 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	4.276	4.267	(0.312)	1511498	2.50000	2.226
	2 Dichlorvos	5.855	5.865	(0.427)	839402	2.50000	2.787
	3 Mevinphos	9.395	9.407	(0.685)	393355	2.50000	2.744
$	4 Chlormefos	9.510	9.502	(0.693)	1129772	2.50000	2.048
	5 Thionazin	12.627	12.625	(0.920)	968769	2.50000	2.344
	6 Demeton-O	12.886	12.876	(0.939)	267963	0.81250	0.7897
	7 Ethoprop	13.207	13.205	(0.963)	862019	2.50000	2.322
	8 Naled	13.483	13.482	(0.983)	265195	2.50000	1.952
*	9 Tributylphosphate	13.721	13.714	(1.000)	715675	2.00000	
	10 Sulfotepp	14.151	14.143	(1.031)	1268566	2.50000	2.264
	11 Phorate	14.236	14.227	(1.038)	841468	2.50000	2.281
	12 Dimethoate	14.407	14.416	(1.050)	823573	2.50000	2.440
	13 Demeton-S	14.685	14.682	(1.070)	496632	1.70000	1.629
	14 Simazine	14.786	14.783	(1.078)	284410	2.50000	2.303
	15 Atrazine	15.003	14.997	(1.093)	357193	2.50000	2.236
	16 propazine	15.188	15.178	(1.107)	364498	2.50000	2.311
	17 Disulfoton	15.872	15.866	(0.586)	754464	2.50000	2.270
	18 Diazinon	15.939	15.934	(0.589)	869762	2.50000	2.446
	19 Methyl Parathion	16.841	16.829	(0.622)	620219	2.50000	2.395
	20 Ronnel	17.466	17.456	(0.645)	648531	2.50000	2.391
	21 Malathion	18.140	18.134	(0.670)	568931	2.50000	2.404
	22 Fenthion	18.296	18.284	(0.676)	655118	2.50000	2.364
	23 Parathion	18.401	18.392	(0.679)	661454	2.50000	2.370
	24 Chlorpyrifos	18.461	18.451	(0.682)	764368	2.50000	2.310
	25 Trichloronate	18.968	18.958	(0.700)	780571	2.50000	2.314
	26 Anilazine	19.363	19.345	(0.715)	33653	2.50000	1.504
	27 Merphos-A (Merphos)	19.811	19.804	(0.732)	118219	2.50000	0.6130
	28 Tetrachlorvinphos (Stirophos)	20.538	20.532	(0.758)	427681	2.50000	2.278
	29 Tokuthion	21.290	21.278	(0.786)	738148	2.50000	2.301
	30 Merphos-B (Merphos Oxone)	21.546	21.536	(0.796)	476723	2.50000	9.187(A)
	31 Carbophenothion-methyl	22.270	22.254	(0.822)	523271	2.50000	2.365
	32 Fensulfothion	22.470	22.465	(0.830)	490847	2.50000	2.455
	33 Bolstar / Famphur	23.642	23.627	(0.873)	1276242	5.00000	4.622

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	23.962	23.947	(0.885)	611712	2.50000	2.357
$	35 Triphenyl phosphate	25.286	25.270	(0.934)	497509	2.50000	2.411(A)
	36 Phosmet	25.783	25.769	(0.952)	489114	2.50000	2.325
	37 EPN	26.107	26.097	(0.964)	613089	2.50000	2.296
	38 Azinphos-methyl	26.593	26.584	(0.982)	478641	2.50000	2.410
*	39 TOCP	27.082	27.076	(1.000)	472782	2.00000	
	40 Azinphos-ethyl	27.178	27.172	(1.004)	575092	2.50000	2.341
	41 Coumaphos	27.698	27.694	(1.023)	475708	2.50000	2.332
M	42 Total Demeton				764595	2.50000	2.418
M	43 Merphos				594942	2.50000	1.905

QC Flag Legend

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

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

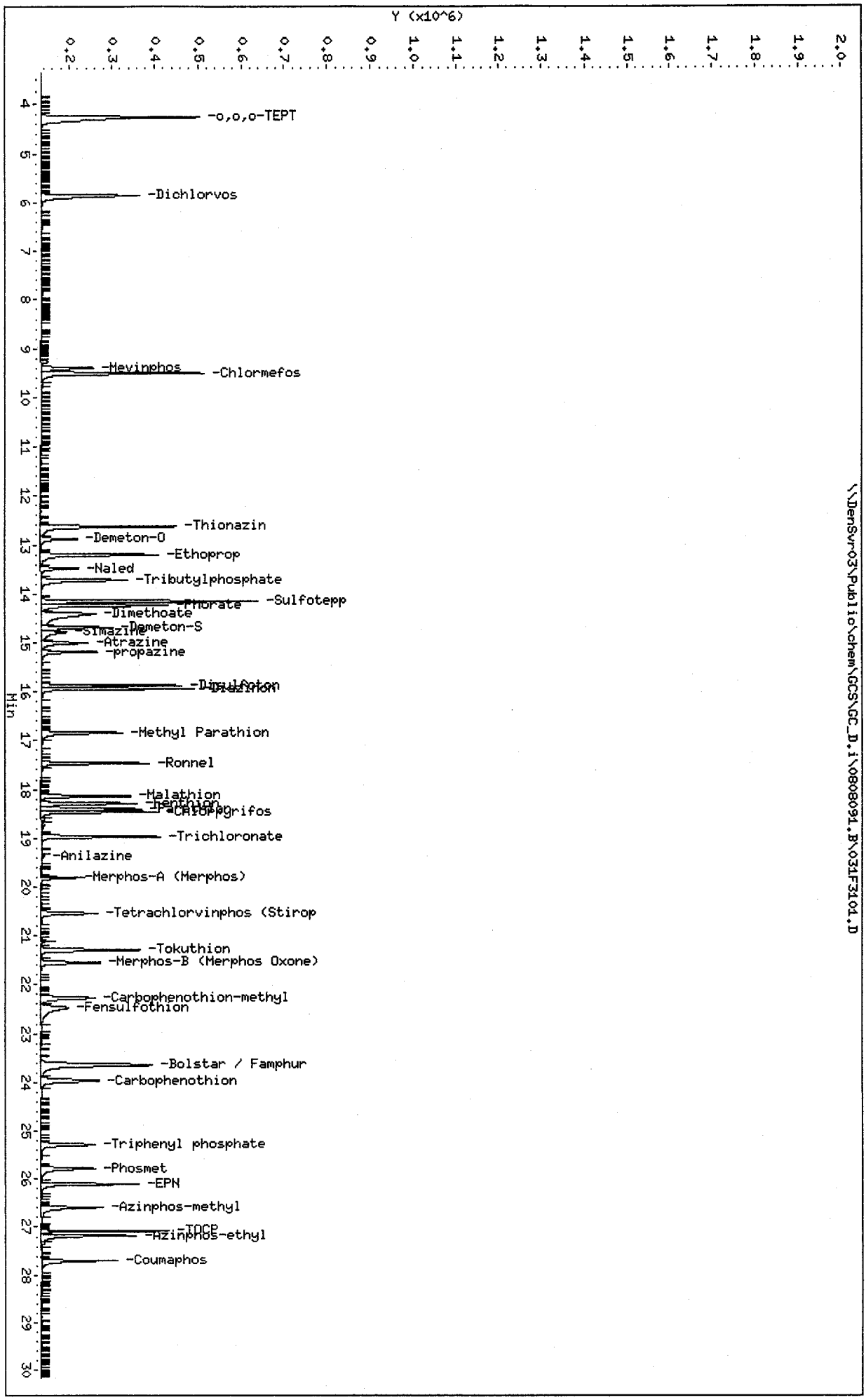
Instrument ID: GC_D.i
Lab File ID: 031F3101.D
Lab Smp Id: 8141 CCV GSV861
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Misc Info:

Calibration Date: 08-AUG-2009
Calibration Time: 23:23
Client Smp ID: 8141 CCV GSV861
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	630137	315069	1260274	715675	13.57
39 TOCP	431059	215530	862118	472782	9.68

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.68	13.18	14.18	13.72	0.29
39 TOCP	27.08	26.58	27.58	27.08	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_D.i\0808091.B\031F3101.D
Date : 09-AUG-2009 09:41
Client ID: 8141 CCV GSV861
Sample Info: 8141 CCV GSV861
Column phase: RTx-1MS
Instrument: GC_D.i
Operator: MPK/TLW
Column diameter: 0.32
\\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\031F3101.D
Y (x10^6)
Min
-o,o,o-TEPT
-Dichlorvos
-Mevinphos
-Chlormefos
-Thionazin
-Demeton-O
-Ethoprop
-Naled
-Tributylphosphate
-Sulfotepp
-Dimethoate
-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
-Coumaphos

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B/031F3101.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 031F3101.D
Analysis Type: NONE

Injection Date: 09-AUG-2009 09:41
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.1948	12.2	15.0	
2	Dichlorvos	2.5000	3.0343	21.4	15.0	<-
3	Chlormefos	2.5000	2.2956	8.2	15.0	
4	Mevinphos	2.5000	2.7154	8.6	15.0	
5	Demeton-O	0.8125	0.7742	4.7	15.0	
6	Thionazin	2.5000	2.3959	4.2	15.0	
7	Ethoprop	2.5000	2.4346	2.6	15.0	
10	Naled	2.5000	2.0025	19.9	15.0	<-
145	Sulfotepp	2.5000	2.2144	11.4	15.0	
8	Phorate	2.5000	2.2619	9.5	15.0	
15	Demeton-S	1.7000	1.6662	2.0	15.0	
10	Simazine	2.5000	2.1943	12.2	15.0	
13	Atrazine / Propazine	5.0000	4.5293	9.4	15.0	
16	Dimethoate	2.5000	2.4449	2.2	15.0	
11	Diazinon	2.5000	2.2232	11.1	15.0	
14	Disulfoton	2.5000	2.2446	10.2	15.0	
23	Methyl Parathion	2.5000	2.5244	1.0	15.0	
17	Ronnel	2.5000	2.3201	7.2	15.0	
24	Malathion	2.5000	2.2455	10.2	15.0	
18	Chlorpyrifos	2.5000	2.3252	7.0	15.0	
20	Trichloronate	2.5000	2.1289	14.8	15.0	
26	Parathion	2.5000	2.2843	8.6	15.0	
19	Fenthion	2.5000	2.4066	3.7	15.0	
151	Merphos-A (Merphos)	2.5000	1.0970	56.1	999.0	
21	Anilazine	2.5000	0.5874	76.5	15.0	<-
27	Tetrachlorvinphos (stirophos)	2.5000	2.2471	10.1	15.0	
25	Tokuthion	2.5000	2.2469	10.1	15.0	
148	Merphos-B (Merphos oxone)	2.5000	10.0626	302.5	999.0	
28	Carbophenothion methyl	2.5000	2.5167	0.7	15.0	
30	Fensulfothion	2.5000	2.3383	6.5	15.0	
28	Bolstar	2.5000	2.2277	10.9	15.0	
30	Carbophenothion	2.5000	2.3228	7.1	15.0	
33	Famphur	2.5000	2.4400	2.4	15.0	
29	Triphenyl phosphate	2.5000	2.3228	7.1	15.0	
32	EPN	2.5000	2.3319	6.7	15.0	
34	Phosmet	2.5000	2.2755	9.0	15.0	
34	Azinphos-methyl	2.5000	2.4504	2.0	15.0	
35	Azinphos-ethyl	2.5000	2.4370	2.5	15.0	
36	Coumaphos	2.5000	2.2424	10.3	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B/031F3101.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 031F3101.D
Analysis Type: NONE

Injection Date: 09-AUG-2009 09:41
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
40 Total Demeton	2.5000	2.4404	2.4	15.0
22 Merphos	2.5000	2.3638	5.4	15.0

Average %D = 17.8

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\031F3101.D
Lab Smp Id: 8141 CCV GSV861 Client Smp ID: 8141 CCV GSV861
Inj Date : 09-AUG-2009 09:41
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 CCV GSV861
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Meth Date : 10-Aug-2009 13:57 williamst Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 Cal File: 009F0901.D
Als bottle: 31 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	6.768	6.758	(0.418)	1783995	2.50000	2.195
	2 Dichlorvos	8.961	8.952	(0.553)	1099384	2.50000	3.034
$	3 Chlormefos	12.894	12.885	(0.796)	1236467	2.50000	2.296
	4 Mevinphos	13.012	13.006	(0.803)	606917	2.50000	2.715
	5 Demeton-O	15.946	15.939	(0.984)	257493	0.81250	0.7742
	6 Thionazin	16.076	16.067	(0.992)	1180641	2.50000	2.396
*	7 Tributylphosphate	16.207	16.193	(1.000)	869227	2.00000	
	8 Ethoprop	16.344	16.332	(1.008)	1060919	2.50000	2.435
	9 Naled	16.930	16.921	(1.045)	313904	2.50000	2.002
	10 Sulfotepp	17.241	17.234	(1.064)	1607889	2.50000	2.214
	11 Phorate	17.277	17.268	(1.066)	830747	2.50000	2.262
	12 Demeton-S	17.976	17.962	(1.109)	556101	1.70000	1.666
	13 Simazine	18.377	18.368	(1.134)	209581	2.50000	2.194
	14 Atrazine / Propazine	18.446	18.434	(1.138)	903586	5.00000	4.529
	15 Dimethoate	18.580	18.569	(1.146)	1040465	2.50000	2.445
	16 Diazinon	18.976	18.967	(1.171)	957851	2.50000	2.223
	17 Disulfoton	19.239	19.231	(1.187)	976770	2.50000	2.245
	18 Methyl Parathion	21.144	21.132	(0.736)	767635	2.50000	2.524(A)
	19 Ronnel	21.232	21.222	(0.740)	844352	2.50000	2.320
	20 Malathion	22.506	22.492	(0.784)	658062	2.50000	2.246
	21 Chlorpyrifos	22.655	22.644	(0.789)	791840	2.50000	2.325
	22 Trichloronate	22.829	22.819	(0.795)	898043	2.50000	2.129
	23 Parathion	22.880	22.866	(0.797)	857351	2.50000	2.284
	24 Fenthion	22.954	22.942	(0.800)	896128	2.50000	2.406
	25 Merphos-A (Merphos)	23.487	23.472	(0.818)	267733	2.50000	1.097
	26 Anilazine	24.466	24.451	(0.852)	13303	2.50000	0.5874
	27 Tetrachlorvinphos (stirophos)	25.878	25.869	(0.901)	541066	2.50000	2.247
	28 Tokuthion	26.051	26.043	(0.907)	895411	2.50000	2.247
	29 Merphos-B (Merphos oxone)	26.185	26.176	(0.912)	607315	2.50000	10.06(A)
	30 Carbophenothion methyl	27.005	26.999	(0.941)	701117	2.50000	2.517
	31 Fensulfothion	27.243	27.237	(0.949)	566550	2.50000	2.338
	32 Bolstar	27.351	27.347	(0.953)	849759	2.50000	2.228
	33 Carbophenothion	27.464	27.460	(0.957)	740588	2.50000	2.323

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Famphur	27.649	27.644	(0.963)	710879	2.50000	2.440
$	35 Triphenyl phosphate	27.938	27.932	(0.973)	633318	2.50000	2.323
	36 EPN	28.243	28.240	(0.984)	729226	2.50000	2.332
	37 Phosmet	28.371	28.366	(0.988)	582690	2.50000	2.276
*	38 TOCP	28.709	28.705	(1.000)	630081	2.00000	
	39 Azinphos-methyl	28.821	28.816	(1.004)	525509	2.50000	2.450
	40 Azinphos-ethyl	29.131	29.127	(1.015)	556988	2.50000	2.437
	41 Coumaphos	29.458	29.453	(1.026)	461082	2.50000	2.242
M	42 Total Demeton				813594	2.50000	2.440
M	43 Merphos				875048	2.50000	2.364(A)

QC Flag Legend

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

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D.i
Lab File ID: 031F3101.D
Lab Smp Id: 8141 CCV GSV861
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Misc Info:

Calibration Date: 08-AUG-2009
Calibration Time: 23:23
Client Smp ID: 8141 CCV GSV861
Level:
Sample Type:

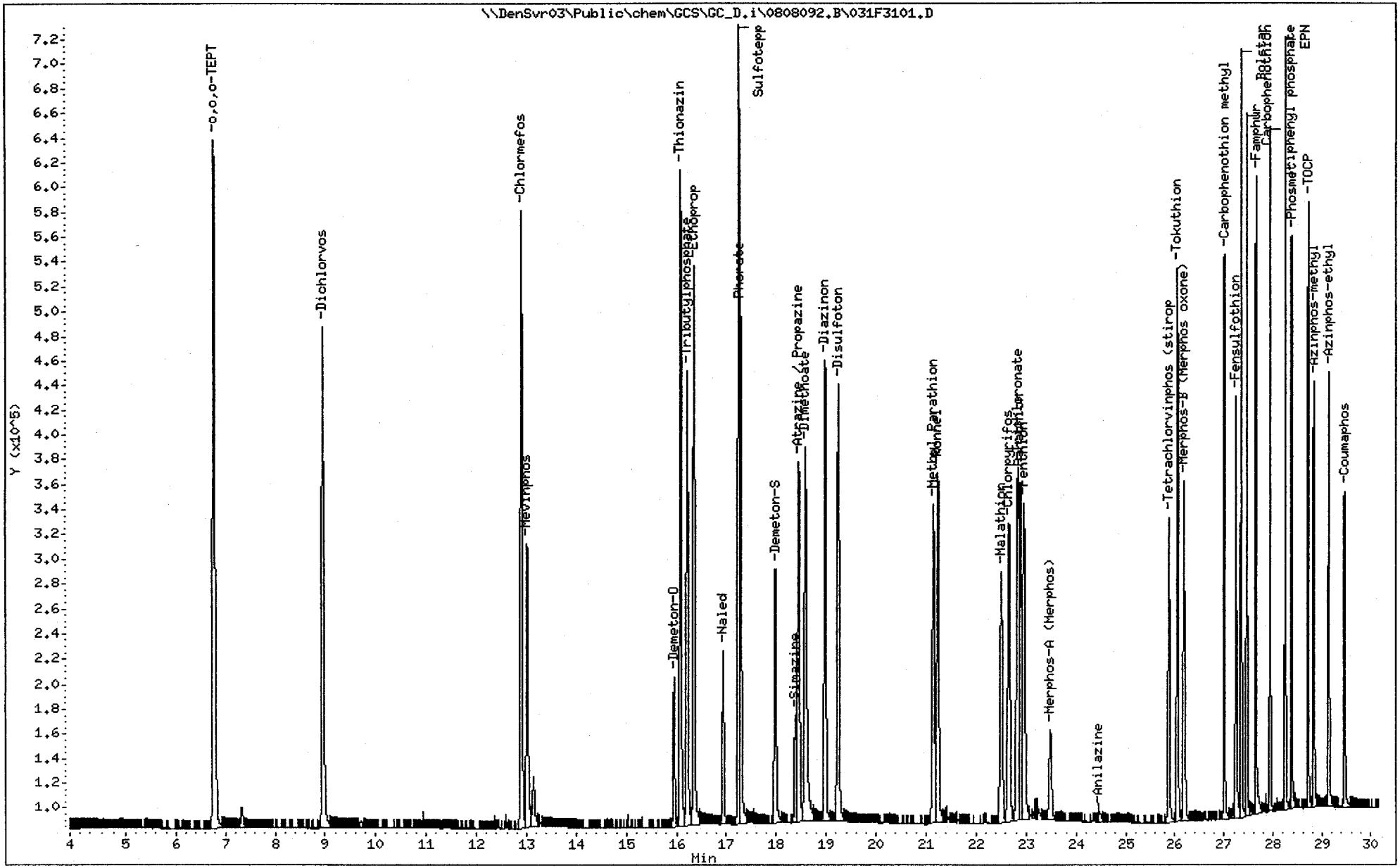
		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
7 Tributylphosphate	742473	371237	1484946	869227	17.07
38 TOCP	535756	267878	1071512	630081	17.61

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.19	15.69	16.69	16.21	0.13
38 TOCP	28.71	28.21	29.21	28.71	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_D.i\0808092.B\031F3101.D
Date : 09-AUG-2009 09:41
Client ID: 8141 CCV GSV861
Sample Info: 8141 CCV GSV861

Instrument: GC_D.i
Operator: MPK/TLW
Column phase: RTx-OPPest
Column diameter: 0.32



GC SEMIVOLATILE SAMPLE DATA

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\015F1501.D
Lab Smp Id: LHF291AA Client Smp ID: BLANK
Inj Date : 09-AUG-2009 00:00
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : LHF291AA,MB
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Meth Date : 10-Aug-2009 13:50 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 Cal File: 009F0901.D
Als bottle: 15 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	9.399	9.407	(0.686)	65	0.40219	0.8044 NC
$ 4	Chlormefos	9.509	9.502	(0.694)	310906	0.63596	1.272
5	Thionazin	12.604	12.625	(0.920)	105	0.06786	0.1357
6	Demeton-O	Compound Not Detected.					
7	Ethoprop	13.201	13.205	(0.964)	105	0.08849	0.1770 NC
8	Naled	13.465	13.482	(0.983)	179	0.17462	0.3492 NAP
* 9	Tributylphosphate	13.695	13.714	(1.000)	634212	2.00000	
10	Sulfotepp	Compound Not Detected.					
11	Phorate	Compound Not Detected.					
12	Dimethoate	14.380	14.416	(1.050)	954	0.35606	0.7121 NC
13	Demeton-S	Compound Not Detected.					
14	Simazine	Compound Not Detected.					
15	Atrazine	14.997	14.997	(1.095)	104	0.19291	0.3858
16	propazine	Compound Not Detected.					
17	Disulfoton	15.830	15.866	(0.585)	405	0.08367	0.1673
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	18.384	18.392	(0.679)	123	0.18174	0.3638	NAP
24	Chlorpyrifos	Compound Not Detected.						
25	Trichloronate	Compound Not Detected.						
26	Anilazine	19.375	19.345	(0.715)	60	0.40479	0.8096	
27	Merphos-A (Merphos)	19.796	19.804	(0.731)	326	0.10537	0.2107	
28	Tetrachlorvinphos (Stirophos)	20.541	20.532	(0.758)	131	0.09130	0.1826	NC
29	Tokuthion	Compound Not Detected.						
30	Merphos-B (Merphos Oxone)	21.554	21.536	(0.796)	388	0.12793	0.2559	
31	Carbophenothion-methyl	22.249	22.254	(0.821)	403	0.10154	0.2031	
32	Fensulfothion	22.465	22.465	(0.829)	163	0.30381	0.6076	NC
33	Bolstar / Famphur	23.632	23.627	(0.873)	98	0.11467	0.2293	NC
34	Carbophenothion	Compound Not Detected.						
$ 35	Triphenyl phosphate	25.303	25.270	(0.934)	153227	0.76493	1.530	
36	Phosmet	25.725	25.769	(0.950)	809	0.11202	0.2240	
37	EPN	Compound Not Detected.						
38	Azinphos-methyl	Compound Not Detected.						
* 39	TOCP	27.084	27.076	(1.000)	459008	2.00000		
40	Azinphos-ethyl	Compound Not Detected.						
41	Coumaphos	Compound Not Detected.						
M 42	Total Demeton	Compound Not Detected.						
M 43	Merphos				714	0.00236	0.004710	

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D.i
Lab File ID: 015F1501.D
Lab Smp Id: LHF291AA
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Misc Info:

Calibration Date: 08-AUG-2009
Calibration Time: 23:23
Client Smp ID: BLANK
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	630137	315069	1260274	634212	0.65
39 TOCP	431059	215530	862118	459008	6.48

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.68	13.18	14.18	13.70	0.10
39 TOCP	27.08	26.58	27.58	27.08	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: D9H030000
Sample Matrix: LIQUID
Fraction: SV
Lab Smp Id: LHF291AA
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_D.i\0808091.B\8141A-1.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 4 Chlormefos	2.000	1.272	63.60	48-114
$ 35 Triphenyl phosphat	2.000	1.530	76.49	50-150

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\015F1501.D

Date : 09-AUG-2009 00:00

Client ID: BLANK

Instrument: GC_D.i

Sample Info: LHF291AA,MB

Operator: MPK/TLW

Column phase: RTx-1MS

Column diameter: 0.32

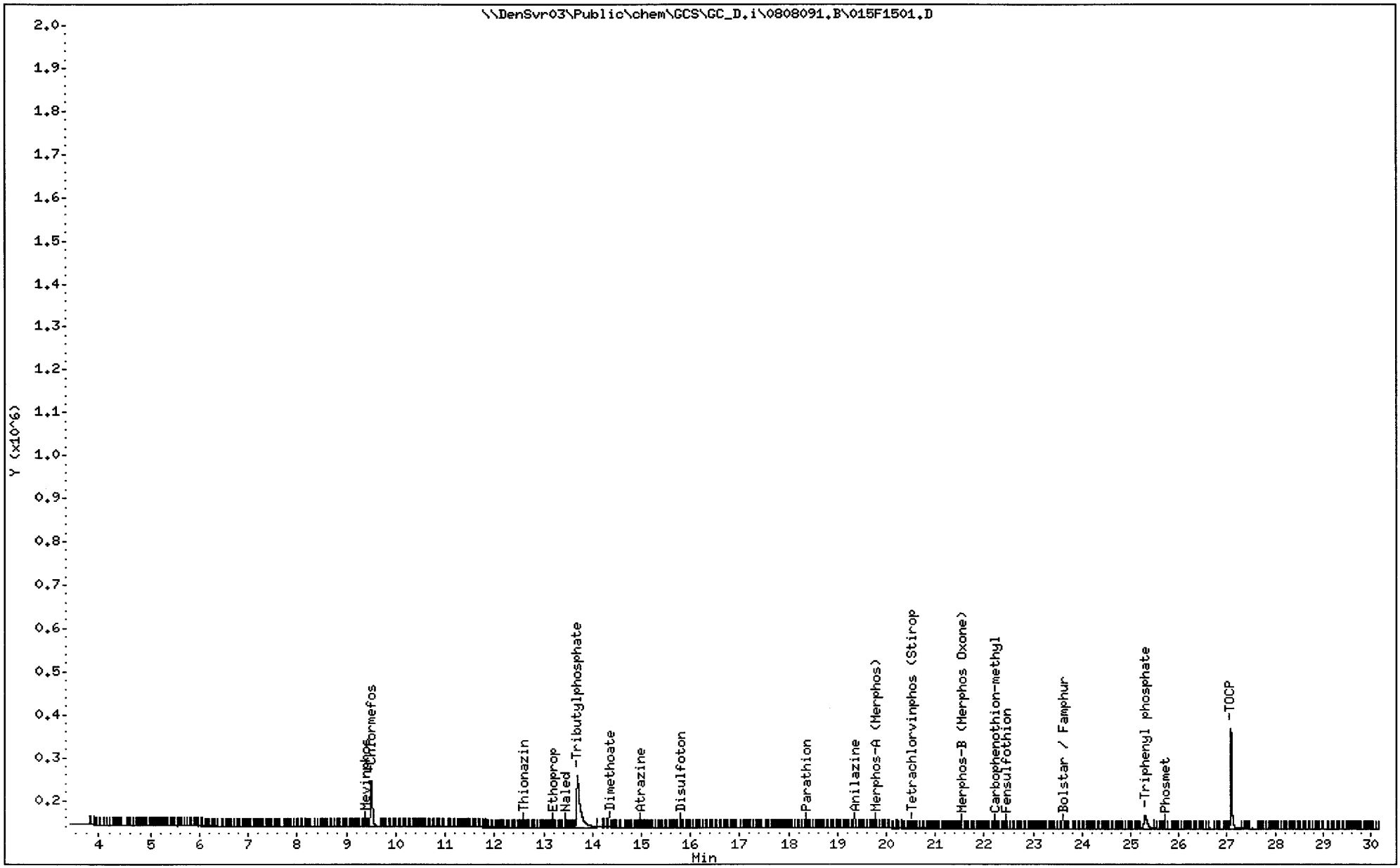


Table of Contents

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\015F1501.D
Lab Smp Id: LHF291AA Client Smp ID: BLANK
Inj Date : 09-AUG-2009 00:00
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : LHF291AA,MB
Misc Info :
Comment   :
Method   : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Meth Date : 10-Aug-2009 13:56 williamst Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 Cal File: 009F0901.D
Als bottle: 15 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	12.892	12.885	(0.796)	361763	0.74528	1.490
4	Mevinphos	13.008	13.006	(0.803)	1117	0.05062	0.1012
5	Demeton-O	Compound Not Detected.					
6	Thionazin	Compound Not Detected.					
* 7	Tributylphosphate	16.194	16.193	(1.000)	737077	2.00000	
8	Ethoprop	Compound Not Detected.					
9	Naled	16.922	16.921	(1.045)	110	0.17064	0.3413
10	Sulfotepp	17.225	17.234	(1.064)	82	1e-004	0.0002664(a)
11	Phorate	Compound Not Detected.					
12	Demeton-S	Compound Not Detected.					
13	Simazine	18.365	18.368	(1.134)	58	0.28765	0.5753
14	Atrazine / Propazine	Compound Not Detected.					
15	Dimethoate	Compound Not Detected.					
16	Diazinon	Compound Not Detected.					
17	Disulfoton	Compound Not Detected.					
18	Methyl Parathion	21.130	21.132	(0.736)	51	0.08672	0.1734(a)
19	Ronnel	Compound Not Detected.					
20	Malathion	22.491	22.492	(0.783)	86	0.03662	0.07324(a)
21	Chlorpyrifos	Compound Not Detected.					
22	Trichloronate	22.828	22.819	(0.795)	90	0.06494	0.1299

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
	23 Parathion	22.864	22.866	(0.796)	126	0.13155	0.2631(a)
	24 Fenthion	Compound Not Detected.					
	25 Merphos-A (Merphos)	23.473	23.472	(0.818)	77	0.12762	0.2552
	26 Anilazine	Compound Not Detected.					
	27 Tetrachlorvinphos (stirophos)	Compound Not Detected.					
	28 Tokuthion	Compound Not Detected.					
	29 Merphos-B (Merphos oxone)	26.178	26.176	(0.912)	56	0.12964	0.2593(a)
	30 Carbophenothion methyl	Compound Not Detected.					
	31 Fensulfothion	Compound Not Detected.					
	32 Bolstar	Compound Not Detected.					
	33 Carbophenothion	Compound Not Detected.					
	34 Famphur	Compound Not Detected.					
$	35 Triphenyl phosphate	27.939	27.932	(0.973)	203784	0.85274	1.705
	36 EPN	Compound Not Detected.					
	37 Phosmet	28.379	28.366	(0.989)	130	0.05676	0.1135
*	38 TOCP	28.709	28.705	(1.000)	552260	2.00000	
	39 Azinphos-methyl	Compound Not Detected.					
	40 Azinphos-ethyl	Compound Not Detected.					
	41 Coumaphos	Compound Not Detected.					
M	42 Total Demeton	Compound Not Detected.					
M	43 Merphos	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_D.i
Lab File ID: 015F1501.D
Lab Smp Id: LHF291AA
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Misc Info:

Calibration Date: 08-AUG-2009
Calibration Time: 23:23
Client Smp ID: BLANK
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	742473	371237	1484946	737077	-0.73
38 TOCP	535756	267878	1071512	552260	3.08

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.19	15.69	16.69	16.19	0.05
38 TOCP	28.71	28.21	29.21	28.71	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

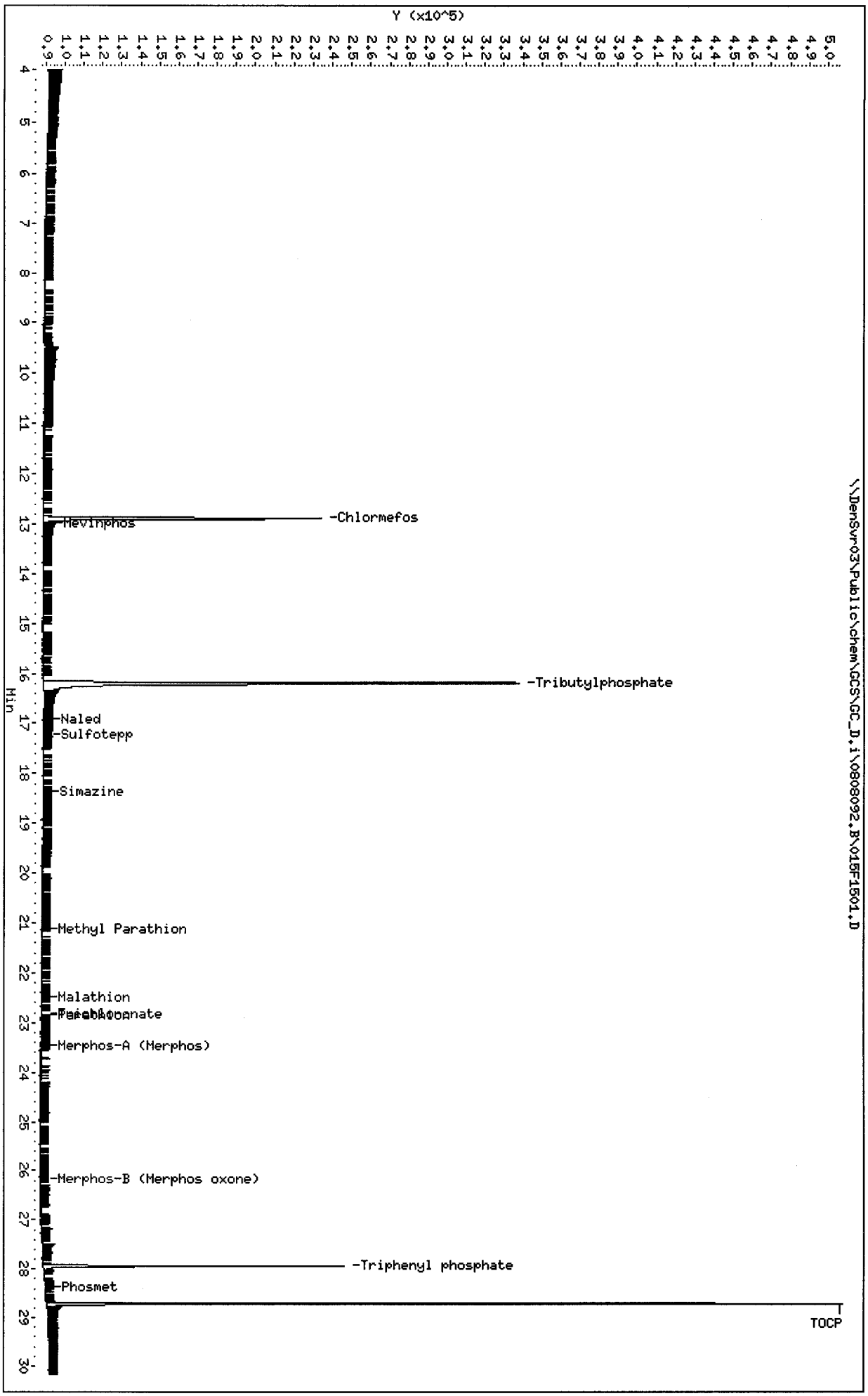
RECOVERY REPORT

Client Name: Client SDG: D9H030000
Sample Matrix: LIQUID Fraction: SV
Lab Smp Id: LHF291AA 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_D.i\0808092.B\8141A-2.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 3 Chlormefos	2.000	1.490	74.53	48-114
$ 35 Triphenyl phosphat	2.000	1.705	85.27	50-150

Data File: \\DenSvr03\Public\chem\GCS\GC_D,i\0808092.B\015F1501.D
Date : 09-AUG-2009 00:00
Client ID: BLANK
Sample Info: LHF291AA,MB
Column phase: RTx-OPPest

Instrument: GC_D,i
Operator: HPK/TLW
Column diameter: 0.32



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\016F1601.D
Lab Smp Id: LHF291AC Client Smp ID: LCS
Inj Date : 09-AUG-2009 00:36
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : LHF291AC,LCS
Misc Info :
Comment   :
Method   : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Meth Date : 10-Aug-2009 13:50 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 Cal File: 009F0901.D
Als bottle: 16 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	4.277	4.267	(0.313)	1237441	1.80735	3.615
2	Dichlorvos	5.860	5.865	(0.428)	548270	1.84250	3.685
3	Mevinphos	9.397	9.407	(0.687)	213490	1.68859	3.377
$ 4	Chlormefos	9.509	9.502	(0.695)	395513	0.72565	1.451
5	Thionazin	12.628	12.625	(0.923)	650028	1.61326	3.226
6	Demeton-O	12.882	12.876	(0.941)	433668	1.30602	2.612
7	Ethoprop	13.197	13.205	(0.964)	595859	1.65106	3.302
8	Naled	13.480	13.482	(0.985)	189598	1.46819	2.936
* 9	Tributylphosphate	13.685	13.714	(1.000)	707087	2.00000	
10	Sulfotepp	14.150	14.143	(1.034)	745461	1.34660	2.693(R)
11	Phorate	14.235	14.227	(1.040)	448745	1.23107	2.462(R)
12	Dimethoate	14.408	14.416	(1.053)	485828	1.59900	3.198
13	Demeton-S	14.678	14.682	(1.073)	35187	0.13177	0.2635(R)
14	Simazine	14.784	14.783	(1.080)	191809	1.53925	3.078
15	Atrazine	14.999	14.997	(1.096)	232376	1.53766	3.075
16	propazine	15.181	15.178	(1.109)	234747	1.50631	3.013
17	Disulfoton	15.871	15.866	(0.586)	477702	1.43940	2.879
18	Diazinon	15.939	15.934	(0.589)	583954	1.57246	3.145
19	Methyl Parathion	16.840	16.829	(0.622)	422830	1.62403	3.248
20	Ronnel	17.465	17.456	(0.645)	442668	1.59886	3.198
21	Malathion	18.139	18.134	(0.670)	335354	1.38831	2.777
22	Fenthion	18.292	18.284	(0.676)	430645	1.54403	3.088

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
	23 Parathion	18.400	18.392	(0.680)	425493	1.56117	3.122
	24 Chlorpyrifos	18.459	18.451	(0.682)	534992	1.51552	3.031
	25 Trichloronate	18.969	18.958	(0.701)	486893	1.41452	2.829
	26 Anilazine	19.355	19.345	(0.715)	25508	1.22099	2.442
	27 Merphos-A (Merphos)	19.823	19.804	(0.732)	2454	0.11428	0.2286
	28 Tetrachlorvinphos (Stirophos)	20.531	20.532	(0.758)	299231	1.59002	3.180
	29 Tokuthion	21.289	21.278	(0.786)	514758	1.57238	3.145
	30 Merphos-B (Merphos Oxone)	21.539	21.536	(0.795)	487772	9.22980	18.46(A)
	31 Carbophenothion-methyl	22.269	22.254	(0.822)	350698	1.58729	3.174
	32 Fensulfothion	22.456	22.465	(0.829)	337373	1.75224	3.504
	33 Bolstar / Famphur	23.636	23.627	(0.873)	891401	3.19958	6.399
	34 Carbophenothion	23.959	23.947	(0.885)	409951	1.54767	3.095
$	35 Triphenyl phosphate	25.280	25.270	(0.934)	175160	0.83183	1.664
	36 Phosmet	25.781	25.769	(0.952)	357281	1.69493	3.390
	37 EPN	26.105	26.097	(0.964)	431492	1.58344	3.167
	38 Azinphos-methyl	26.592	26.584	(0.982)	333978	1.69587	3.392
*	39 TOCP	27.079	27.076	(1.000)	482514	2.00000	
	40 Azinphos-ethyl	27.175	27.172	(1.004)	381881	1.52296	3.046
	41 Coumaphos	27.697	27.694	(1.023)	325697	1.58852	3.177
M	42 Total Demeton				468855	1.43779	2.876
M	43 Merphos				490226	1.53818	3.076

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_D.i
Lab File ID: 016F1601.D
Lab Smp Id: LHF291AC
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Misc Info:

Calibration Date: 08-AUG-2009
Calibration Time: 23:23
Client Smp ID: LCS
Level: LOW
Sample Type: WATER

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	630137	315069	1260274	707087	12.21
39 TOCP	431059	215530	862118	482514	11.94

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.68	13.18	14.18	13.69	0.02
39 TOCP	27.08	26.58	27.58	27.08	-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: D9H030000
Sample Matrix: LIQUID Fraction: SV
Lab Smp Id: LHF291AC 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_D.i\0808091.B\8141A-1.m
Misc Info:

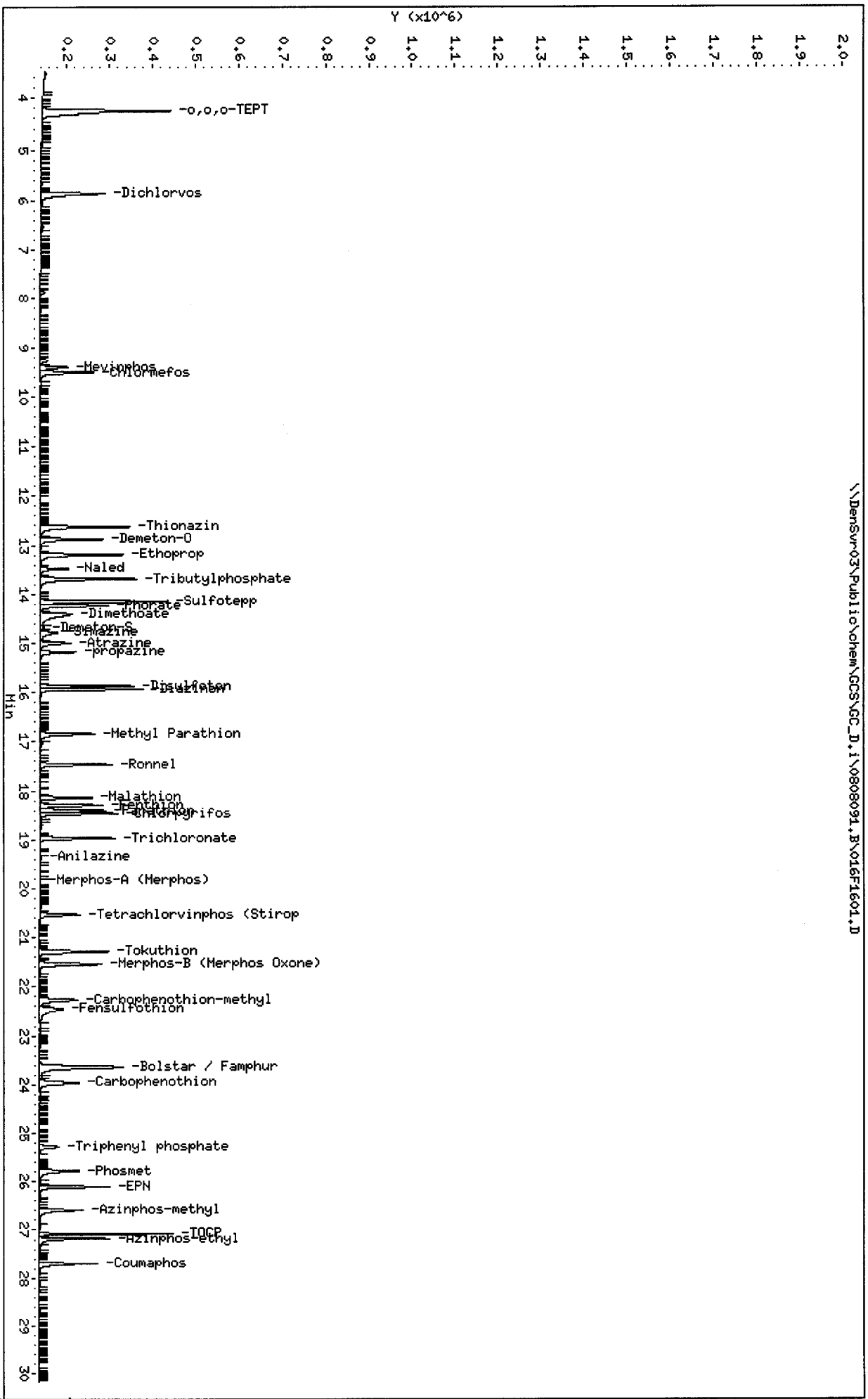
	SPIKE	COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
	1	o,o,o-TEPT	4.000	3.615	90.37	36-119
	2	Dichlorvos	4.000	3.685	92.12	50-120
	3	Mevinphos	4.000	3.377	84.43	35-108
$	4	Chlormefos	2.000	1.451	72.56	48-114
	5	Thionazin	4.000	3.226	80.66	65-116
	6	Demeton-O	2.792	2.612	93.55	36-119
	7	Ethoprop	4.000	3.302	82.55	65-108
	8	Naled	4.000	2.936	73.41	36-119
	10	Sulfotepp	4.000	2.693	67.33*	69-103
	11	Phorate	4.000	2.462	61.55*	62-104
	12	Dimethoate	4.000	3.198	79.95	28-115
	13	Demeton-S	1.208	0.2635	21.82*	36-119
	14	Simazine	4.000	3.078	76.96	47-109
	15	Atrazine	4.000	3.075	76.88	36-119
	16	propazine	4.000	3.013	75.32	36-119
	17	Disulfoton	4.000	2.879	71.97	36-119
	18	Diazinon	4.000	3.145	78.62	36-119
	19	Methyl Parathion	4.000	3.248	81.20	68-119
	20	Ronnel	4.000	3.198	79.94	62-115
	21	Malathion	4.000	2.777	69.42	67-115
	22	Fenthion	4.000	3.088	77.20	36-119
	23	Parathion	4.000	3.122	78.06	36-119
	25	Trichloronate	4.000	2.829	70.73	36-119
	24	Chlorpyrifos	4.000	3.031	75.78	36-119
	26	Anilazine	4.000	2.442	61.05	47-115
	28	Tetrachlorvinphos	4.000	3.180	79.50	36-119
	29	Tokuthion	4.000	3.145	78.62	36-119
	32	Fensulfothion	4.000	3.504	87.61	61-115
	33	Bolstar / Famphur	8.000	6.399	79.99	36-119
	34	Carbophenothion	4.000	3.095	77.38	50-150
$	35	Triphenyl phosphat	2.000	1.664	83.18	50-150
	36	Phosmet	4.000	3.390	84.75	50-150
	37	EPN	4.000	3.167	79.17	36-119
	38	Azinphos-methyl	4.000	3.392	84.79	55-115
	41	Coumaphos	4.000	3.177	79.43	62-115
M	42	Total Demeton	4.000	2.876	71.89	47-115
M	43	Merphos	4.000	3.076	76.91	36-119

TestAmerica

RECOVERY REPORT

Client Name: Client SDG: D9H030000
Sample Matrix: LIQUID Fraction: SV
Lab Smp Id: LHF291AC 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_D.i\0808091.B\8141A-1.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 4 Chlormefos	2.000	1.451	72.56	48-114
$ 35 Triphenyl phosphat	2.000	1.664	83.18	50-150


Data File: \\DenSvr03\Public\chem\GCS\GC_D,i\0808091,B\016F1601.D
Date : 09-AUG-2009 00:36
Client ID: LCS
Sample Info: LHF291AC,LCS
Column phase: RTx-1MS
Instrument: GC_D,i
Operator: MPK/TLW
Column diameter: 0.32
\\DenSvr03\Public\chem\GCS\GC_D,i\0808091,B\016F1601.D
Y (x10^6)
Min
-o,o,o-TEPT
-Dichlorvos
-Mevinphos
-Chlormefos
-Thionazin
-Demeton-O
-Ethoprop
-Naled
-Tributylphosphate
-Sulfotepp
-Phorate
-Dimethoate
-Demeton-S
-Simazine
-Atrazine
-propazine
-Disulfoton
-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
-TOCP
-Azinphos-ethyl
-Coumaphos

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\016F1601.D
Lab Smp Id: LHF291AC Client Smp ID: LCS
Inj Date : 09-AUG-2009 00:36
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : LHF291AC,LCS
Misc Info :
Comment   :
Method   : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Meth Date : 10-Aug-2009 13:56 williamst Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 Cal File: 009F0901.D
Als bottle: 16 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	6.768	6.758	(0.418)	1160024	1.49215	2.984
2	Dichlorvos	8.957	8.952	(0.553)	642504	1.85405	3.708
$ 3	Chlormefos	12.893	12.885	(0.796)	383830	0.69683	1.394
4	Mevinphos	13.010	13.006	(0.804)	298468	1.41795	2.836
5	Demeton-O	15.946	15.939	(0.985)	445310	1.39991	2.800
6	Thionazin	16.072	16.067	(0.993)	775852	1.64616	3.292
* 7	Tributylphosphate	16.189	16.193	(1.000)	831365	2.00000	
8	Ethoprop	16.337	16.332	(1.009)	708635	1.64823	3.296
9	Naled	16.926	16.921	(1.046)	226983	1.56353	3.127
10	Sulfotepp	17.240	17.234	(1.065)	923437	1.32966	2.659
11	Phorate	17.275	17.268	(1.067)	404974	1.15284	2.306
12	Demeton-S	Compound Not Detected.					
13	Simazine	18.375	18.368	(1.135)	182099	2.01964	4.039
14	Atrazine / Propazine	18.439	18.434	(1.139)	588852	3.08609	6.172
15	Dimethoate	18.573	18.569	(1.147)	599716	1.49744	2.995
16	Diazinon	18.974	18.967	(1.172)	604841	1.46781	2.936
17	Disulfoton	19.240	19.231	(1.188)	604514	1.45244	2.905
18	Methyl Parathion	21.141	21.132	(0.736)	511281	1.76673	3.533
19	Ronnel	21.231	21.222	(0.740)	568588	1.61667	3.233
20	Malathion	22.502	22.492	(0.784)	378332	1.35058	2.701
21	Chlorpyrifos	22.656	22.644	(0.789)	535566	1.63940	3.279
22	Trichloronate	22.830	22.819	(0.795)	573789	1.42946	2.859

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
	23 Parathion	22.875	22.866	(0.797)	535507	1.43516	2.870
	24 Fenthion	22.951	22.942	(0.799)	568935	1.57247	3.145
	25 Merphos-A (Merphos)	23.479	23.472	(0.818)	267	0.12830	0.2566
	26 Anilazine	Compound Not Detected.					
	27 Tetrachlorvinphos (stirophos)	25.875	25.869	(0.901)	366274	1.59746	3.195
	28 Tokuthion	26.050	26.043	(0.907)	609316	1.58217	3.164
	29 Merphos-B (Merphos oxone)	26.180	26.176	(0.912)	550858	8.93804	17.88(A)
	30 Carbophenothion methyl	27.004	26.999	(0.941)	452163	1.67951	3.359
	31 Fensulfothion	27.240	27.237	(0.949)	364191	1.58490	3.170
	32 Bolstar	27.350	27.347	(0.953)	582431	1.57996	3.160
	33 Carbophenothion	27.464	27.460	(0.957)	486632	1.57934	3.159
	34 Famphur	27.647	27.644	(0.963)	480005	1.70483	3.410
$	35 Triphenyl phosphate	27.936	27.932	(0.973)	222563	0.84467	1.689
	36 EPN	28.242	28.240	(0.984)	485468	1.60642	3.213
	37 Phosmet	28.370	28.366	(0.988)	413517	1.68593	3.372
*	38 TOCP	28.709	28.705	(1.000)	608910	2.00000	
	39 Azinphos-methyl	28.820	28.816	(1.004)	352940	1.71956	3.439
	40 Azinphos-ethyl	29.131	29.127	(1.015)	355232	1.60831	3.217
	41 Coumaphos	29.458	29.453	(1.026)	312701	1.58709	3.174
M	42 Total Demeton				445310	1.39991	2.800
M	43 Merphos				551125	1.53916	3.078

QC Flag Legend

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

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D.i
Lab File ID: 016F1601.D
Lab Smp Id: LHF291AC
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Misc Info:

Calibration Date: 08-AUG-2009
Calibration Time: 23:23
Client Smp ID: LCS
Level: LOW
Sample Type: WATER

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
7 Tributylphosphate	742473	371237	1484946	831365	11.97
38 TOCP	535756	267878	1071512	608910	13.65

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.19	15.69	16.69	16.19	0.01
38 TOCP	28.71	28.21	29.21	28.71	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_D.i\0808092.B\016F1601.D Page 4
Report Date: 10-Aug-2009 13:56

TestAmerica

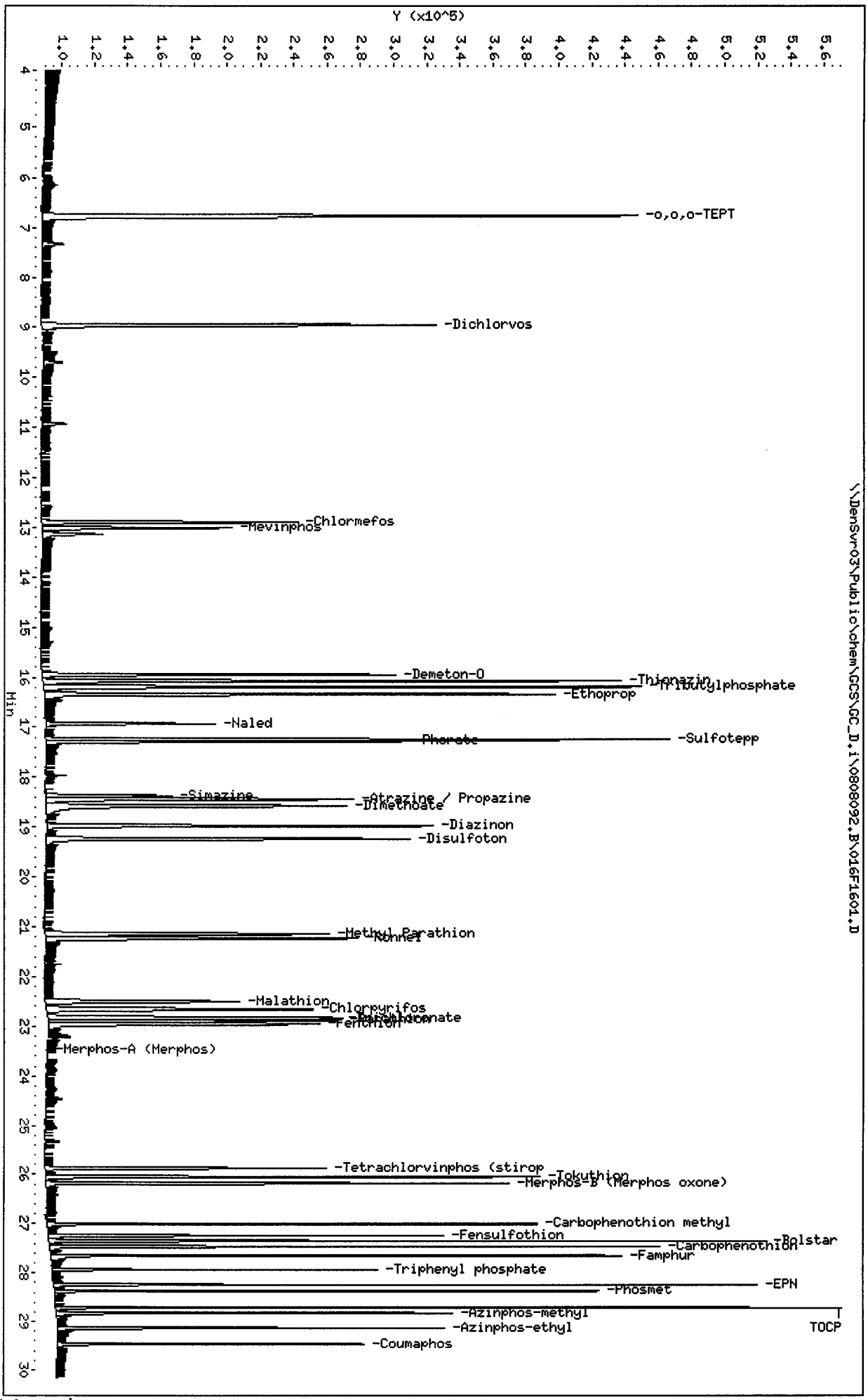
RECOVERY REPORT

Client Name: Client SDG: D9H030000
Sample Matrix: LIQUID Fraction: SV
Lab Smp Id: LHF291AC 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_D.i\0808092.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	2.984	74.61	36-119
	2 Dichlorvos	4.000	3.708	92.70	50-120
$	3 Chlormefos	2.000	1.394	69.68	58-114
	4 Mevinphos	4.000	2.836	70.90	35-108
	5 Demeton-O	2.800	2.800	99.99	36-119
	6 Thionazin	4.000	3.292	82.31	65-116
	8 Ethoprop	4.000	3.296	82.41	36-119
	11 Phorate	4.000	2.306	57.64	36-119
	13 Simazine	4.000	4.039	100.98	36-119
	16 Diazinon	4.000	2.936	73.39	36-119
	17 Disulfoton	4.000	2.905	72.62	61-103
	12 Demeton-S	1.200	0.0000	*	36-119
	15 Dimethoate	4.000	2.995	74.87	28-82
	19 Ronnel	4.000	3.233	80.83	62-99
	21 Chlorpyrifos	4.000	3.279	81.97	66-101
	24 Fenthion	4.000	3.145	78.62	36-119
	22 Trichloronate	4.000	2.859	71.47	36-119
	26 Anilazine	4.000	0.0000	*	36-119
M	43 Merphos	4.000	3.078	76.96	36-119
	18 Methyl Parathion	4.000	3.533	88.34	36-119
	20 Malathion	4.000	2.701	67.53	36-119
	28 Tokuthion	4.000	3.164	79.11	36-119
	23 Parathion	4.000	2.870	71.76	36-119
	27 Tetrachlorvinphos	4.000	3.195	79.87	36-119
	32 Bolstar	4.000	3.160	79.00	36-119
$	35 Triphenyl phosphat	2.000	1.689	84.47	36-119
	31 Fensulfothion	4.000	3.170	79.24	20-105
	36 EPN	4.000	3.213	80.32	36-119
	34 Famphur	4.000	3.410	85.24	61-108
	39 Azinphos-methyl	4.000	3.439	85.98	55-103
	41 Coumaphos	4.000	3.174	79.35	36-119
M	42 Total Demeton	4.000	2.800	70.00	47-100

	SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$	3 Chlormefos	2.000	1.394	69.68	48-114

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 35 Triphenyl phosphat	2.000	1.689	84.47	50-150



Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\016F1601.D
Date : 09-AUG-2009 00:36
Client ID: LCS
Sample Info: LHF291AC,LCS
Column phase: RTx-OPPest

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

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\017F1701.D
Lab Smp Id: LHF291AD Client Smp ID: LCSD
Inj Date : 09-AUG-2009 01:12
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : LHF291AD,LCSD
Misc Info :
Comment   :
Method   : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Meth Date : 10-Aug-2009 13:50 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 Cal File: 009F0901.D
Als bottle: 17 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	4.279	4.267	(0.313)	1505519	2.03242	4.065
	2 Dichlorvos	5.860	5.865	(0.428)	641735	1.97141	3.943
	3 Mevinphos	9.399	9.407	(0.687)	231204	1.67570	3.351
$	4 Chlormefos	9.508	9.502	(0.695)	435493	0.73039	1.461
	5 Thionazin	12.627	12.625	(0.923)	703260	1.59625	3.192
	6 Demeton-O	12.882	12.876	(0.941)	453752	1.24832	2.497
	7 Ethoprop	13.197	13.205	(0.964)	645168	1.63509	3.270
	8 Naled	13.480	13.482	(0.985)	201707	1.43313	2.866
*	9 Tributylphosphate	13.686	13.714	(1.000)	773505	2.00000	
	10 Sulfotepp	14.150	14.143	(1.034)	789529	1.30374	2.607(R)
	11 Phorate	14.234	14.227	(1.040)	482945	1.21113	2.422(R)
	12 Dimethoate	14.408	14.416	(1.053)	543538	1.62730	3.255
	13 Demeton-S	14.677	14.682	(1.072)	40467	0.13770	0.2754(R)
	14 Simazine	14.787	14.783	(1.080)	217040	1.59254	3.185
	15 Atrazine	14.999	14.997	(1.096)	255078	1.54229	3.084
	16 propazine	15.182	15.178	(1.109)	259906	1.52455	3.049
	17 Disulfoton	15.872	15.866	(0.586)	484993	1.42486	2.850
	18 Diazinon	15.939	15.934	(0.589)	615072	1.61669	3.233
	19 Methyl Parathion	16.841	16.829	(0.622)	443850	1.65948	3.319
	20 Ronnel	17.467	17.456	(0.645)	457192	1.60907	3.218
	21 Malathion	18.142	18.134	(0.670)	348897	1.40741	2.815
	22 Fenthion	18.293	18.284	(0.676)	442454	1.54571	3.091

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
	23 Parathion	18.403	18.392	(0.680)	440560	1.57348	3.147
	24 Chlorpyrifos	18.461	18.451	(0.682)	553346	1.52911	3.058
	25 Trichloronate	18.967	18.958	(0.700)	495740	1.40337	2.807
	26 Anilazine	19.358	19.345	(0.715)	24826	1.17874	2.357
	27 Merphos-A (Merphos)	19.811	19.804	(0.732)	1678	0.11083	0.2216
	28 Tetrachlorvinphos (Stirophos)	20.536	20.532	(0.758)	299069	1.55086	3.102
	29 Tokuthion	21.288	21.278	(0.786)	521262	1.55150	3.103
	30 Merphos-B (Merphos Oxone)	21.540	21.536	(0.795)	499618	9.19713	18.39(A)
	31 Carbophenothion-methyl	22.269	22.254	(0.822)	356251	1.57218	3.144
	32 Fensulfothion	22.463	22.465	(0.830)	364262	1.82770	3.655
	33 Bolstar / Famphur	23.637	23.627	(0.873)	915695	3.20257	6.405
	34 Carbophenothion	23.965	23.947	(0.885)	421083	1.54902	3.098
$	35 Triphenyl phosphate	25.287	25.270	(0.934)	181525	0.84000	1.680
	36 Phosmet	25.782	25.769	(0.952)	359961	1.66592	3.332
	37 EPN	26.108	26.097	(0.964)	430569	1.53962	3.079
	38 Azinphos-methyl	26.595	26.584	(0.982)	329581	1.63653	3.273
*	39 TOCP	27.080	27.076	(1.000)	495185	2.00000	
	40 Azinphos-ethyl	27.177	27.172	(1.004)	385607	1.49847	2.997
	41 Coumaphos	27.698	27.694	(1.023)	329839	1.56852	3.137
M	42 Total Demeton				494219	1.38602	2.772
M	43 Merphos				501296	1.53267	3.065

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_D.i
Lab File ID: 017F1701.D
Lab Smp Id: LHF291AD
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Misc Info:

Calibration Date: 08-AUG-2009
Calibration Time: 23:23
Client Smp ID: LCSD
Level: LOW
Sample Type: WATER

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	630137	315069	1260274	773505	22.75
39 TOCP	431059	215530	862118	495185	14.88

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.68	13.18	14.18	13.69	0.03
39 TOCP	27.08	26.58	27.58	27.08	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: D9H030000
Sample Matrix: LIQUID Fraction: SV
Lab Smp Id: LHF291AD 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_D.i\0808091.B\8141A-1.m
Misc Info:

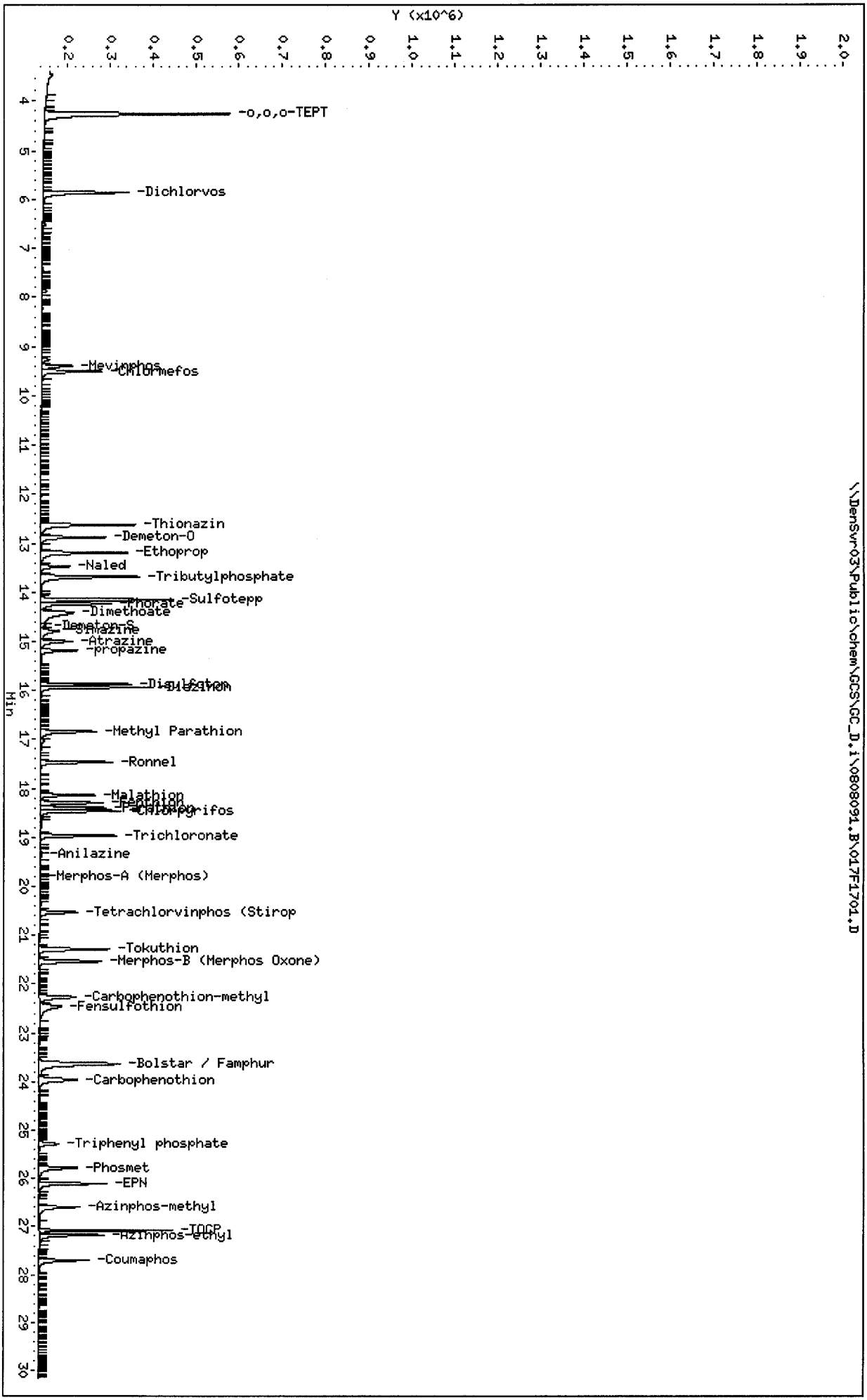
	SPIKE	COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
	1	o,o,o-TEPT	4.000	4.065	101.62	36-119
	2	Dichlorvos	4.000	3.943	98.57	50-120
	3	Mevinphos	4.000	3.351	83.78	35-108
$	4	Chlormefos	2.000	1.461	73.04	48-114
	5	Thionazin	4.000	3.192	79.81	65-116
	6	Demeton-O	2.792	2.497	89.42	36-119
	7	Ethoprop	4.000	3.270	81.75	65-108
	8	Naled	4.000	2.866	71.66	36-119
	10	Sulfotepp	4.000	2.607	65.19*	69-103
	11	Phorate	4.000	2.422	60.56*	62-104
	12	Dimethoate	4.000	3.255	81.37	28-115
	13	Demeton-S	1.208	0.2754	22.80*	36-119
	14	Simazine	4.000	3.185	79.63	47-109
	15	Atrazine	4.000	3.084	77.11	36-119
	16	propazine	4.000	3.049	76.23	36-119
	17	Disulfoton	4.000	2.850	71.24	36-119
	18	Diazinon	4.000	3.233	80.83	36-119
	19	Methyl Parathion	4.000	3.319	82.97	68-119
	20	Ronnel	4.000	3.218	80.45	62-115
	21	Malathion	4.000	2.815	70.37	67-115
	22	Fenthion	4.000	3.091	77.29	36-119
	23	Parathion	4.000	3.147	78.67	36-119
	25	Trichloronate	4.000	2.807	70.17	36-119
	24	Chlorpyrifos	4.000	3.058	76.46	36-119
	26	Anilazine	4.000	2.357	58.94	47-115
	28	Tetrachlorvinphos	4.000	3.102	77.54	36-119
	29	Tokuthion	4.000	3.103	77.58	36-119
	32	Fensulfothion	4.000	3.655	91.39	61-115
	33	Bolstar / Famphur	8.000	6.405	80.06	36-119
	34	Carbophenothion	4.000	3.098	77.45	50-150
$	35	Triphenyl phosphat	2.000	1.680	84.00	50-150
	36	Phosmet	4.000	3.332	83.30	50-150
	37	EPN	4.000	3.079	76.98	36-119
	38	Azinphos-methyl	4.000	3.273	81.83	55-115
	41	Coumaphos	4.000	3.137	78.43	62-115
M	42	Total Demeton	4.000	2.772	69.30	47-115
M	43	Merphos	4.000	3.065	76.63	36-119

TestAmerica

RECOVERY REPORT

Client Name: Client SDG: D9H030000
Sample Matrix: LIQUID Fraction: SV
Lab Smp Id: LHF291AD 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_D.i\0808091.B\8141A-1.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 4 Chlormefos	2.000	1.461	73.04	48-114
$ 35 Triphenyl phosphat	2.000	1.680	84.00	50-150


Data File: \\DenSvr03\Public\chem\GCS\GC_D,i\0808091.B\017F1701.D
Date : 09-AUG-2009 01:12
Client ID: LCSD
Sample Info: LHF291AD,LCSD
Column phase: RTx-1MS
Instrument: GC_D,i
Operator: MPK/TLW
Column diameter: 0.32
\\DenSvr03\Public\chem\GCS\GC_D,i\0808091.B\017F1701.D
Y (x10^6)
Min
-o,o,o-TEPT
-Dichlorvos
-Mevinphos
-Chlormefos
-Thionazin
-Demeton-O
-Ethoprop
-Naled
-Tributylphosphate
-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
-TOCP
-Azinphos-ethyl
-Coumaphos

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\017F1701.D
Lab Smp Id: LHF291AD Client Smp ID: LCSD
Inj Date : 09-AUG-2009 01:12
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : LHF291AD,LCSD
Misc Info :
Comment   :
Method   : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Meth Date : 10-Aug-2009 13:56 williamst Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 Cal File: 009F0901.D
Als bottle: 17 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	6.767	6.758	(0.418)	1370526	1.57507	3.150
2	Dichlorvos	8.957	8.952	(0.553)	745112	1.92102	3.842
$ 3	Chlormefos	12.892	12.885	(0.796)	426745	0.69171	1.383
4	Mevinphos	13.007	13.006	(0.803)	341465	1.44836	2.897
5	Demeton-O	15.946	15.939	(0.985)	466118	1.30917	2.618
6	Thionazin	16.073	16.067	(0.993)	853398	1.61774	3.235
* 7	Tributylphosphate	16.190	16.193	(1.000)	930522	2.00000	
8	Ethoprop	16.337	16.332	(1.009)	779784	1.61754	3.235
9	Naled	16.927	16.921	(1.046)	246419	1.52238	3.045
10	Sulfotepp	17.241	17.234	(1.065)	1015436	1.30632	2.613
11	Phorate	17.277	17.268	(1.067)	421268	1.07144	2.143
12	Demeton-S	Compound Not Detected.					
13	Simazine	18.374	18.368	(1.135)	199329	1.98148	3.963
14	Atrazine / Propazine	18.441	18.434	(1.139)	650560	3.04617	6.092
15	Dimethoate	18.575	18.569	(1.147)	671415	1.49781	2.996
16	Diazinon	18.975	18.967	(1.172)	653609	1.41714	2.834
17	Disulfoton	19.240	19.231	(1.188)	621774	1.33472	2.669
18	Methyl Parathion	21.143	21.132	(0.737)	549933	1.79906	3.598
19	Ronnel	21.231	21.222	(0.740)	594283	1.60119	3.202
20	Malathion	22.500	22.492	(0.784)	399539	1.35153	2.703
21	Chlorpyrifos	22.655	22.644	(0.789)	556936	1.61608	3.232
22	Trichloronate	22.830	22.819	(0.795)	341626	0.83468	1.669

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
	23 Parathion	22.876	22.866	(0.797)	246640	0.66093	1.322(R)
	24 Fenthion	22.952	22.942	(0.800)	594715	1.55736	3.115
	25 Merphos-A (Merphos)	23.473	23.472	(0.818)	193	0.12798	0.2560
	26 Anilazine	Compound Not Detected.					
	27 Tetrachlorvinphos (stirophos)	25.874	25.869	(0.901)	375308	1.55336	3.107
	28 Tokuthion	26.050	26.043	(0.907)	629657	1.54931	3.099
	29 Merphos-B (Merphos oxone)	26.180	26.176	(0.912)	581471	8.94243	17.88(A)
	30 Carbophenothion methyl	27.002	26.999	(0.941)	468696	1.64970	3.299
	31 Fensulfothion	27.240	27.237	(0.949)	402073	1.65400	3.308
	32 Bolstar	27.350	27.347	(0.953)	610721	1.56989	3.140
	33 Carbophenothion	27.463	27.460	(0.957)	494007	1.51927	3.038
	34 Famphur	27.647	27.644	(0.963)	499041	1.67957	3.359
$	35 Triphenyl phosphate	27.936	27.932	(0.973)	232251	0.83525	1.670
	36 EPN	28.242	28.240	(0.984)	506699	1.58882	3.178
	37 Phosmet	28.369	28.366	(0.988)	429372	1.65974	3.319
*	38 TOCP	28.707	28.705	(1.000)	642580	2.00000	
	39 Azinphos-methyl	28.819	28.816	(1.004)	369225	1.70512	3.410
	40 Azinphos-ethyl	29.131	29.127	(1.015)	376230	1.61412	3.228
	41 Coumaphos	29.457	29.453	(1.026)	320579	1.54310	3.086
M	42 Total Demeton				466118	1.30917	2.618
M	43 Merphos				581664	1.53933	3.079

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_D.i
Lab File ID: 017F1701.D
Lab Smp Id: LHF291AD
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Misc Info:

Calibration Date: 08-AUG-2009
Calibration Time: 23:23
Client Smp ID: LCSD
Level: LOW
Sample Type: WATER

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
7 Tributylphosphate	742473	371237	1484946	930522	25.33
38 TOCP	535756	267878	1071512	642580	19.94

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.19	15.69	16.69	16.19	0.02
38 TOCP	28.71	28.21	29.21	28.71	-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

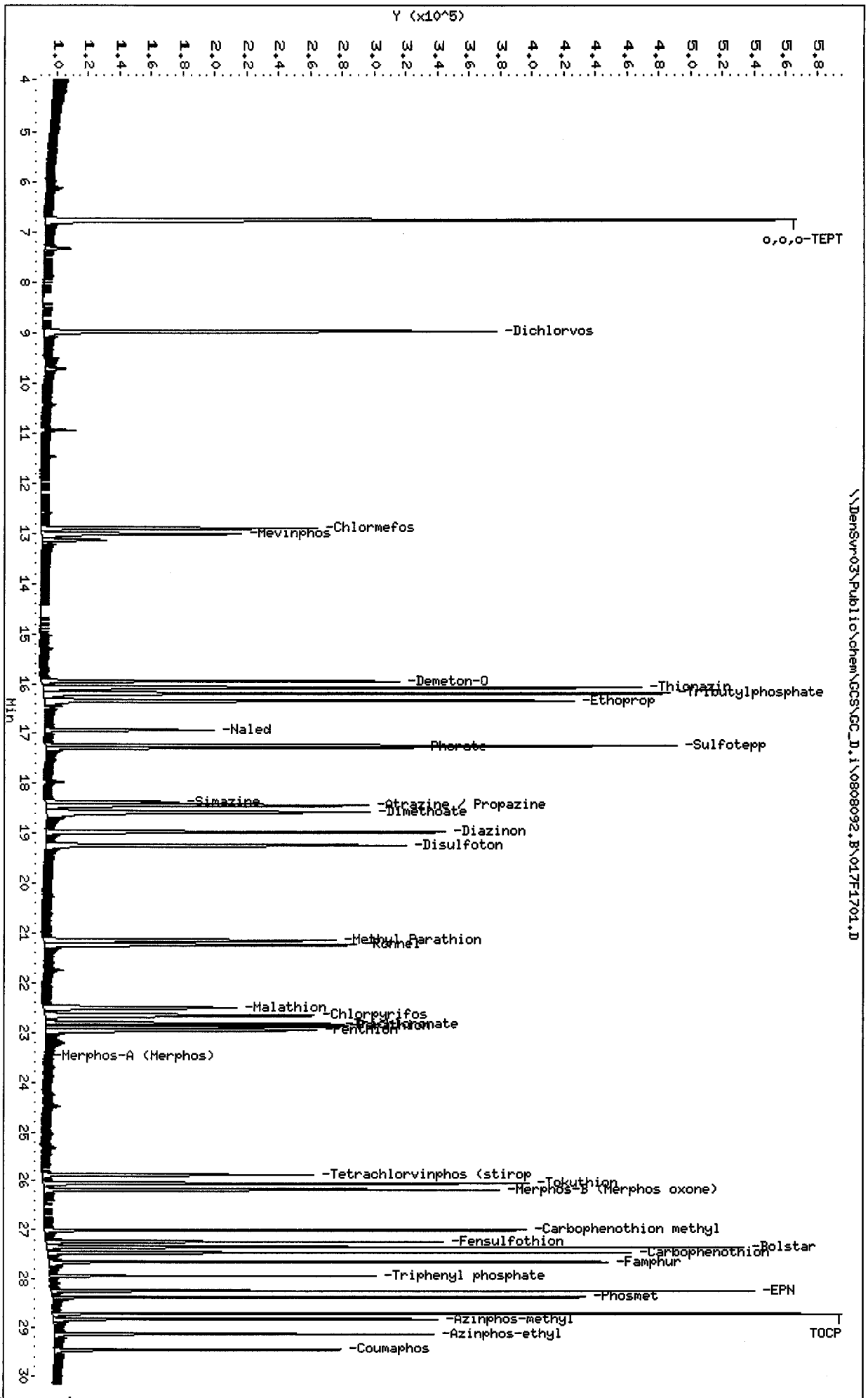
RECOVERY REPORT

Client Name: Client SDG: D9H030000
Sample Matrix: LIQUID Fraction: SV
Lab Smp Id: LHF291AD 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_D.i\0808092.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	3.150	78.75	36-119
	2 Dichlorvos	4.000	3.842	96.05	50-120
$	3 Chlormefos	2.000	1.383	69.17	58-114
	4 Mevinphos	4.000	2.897	72.42	35-108
	5 Demeton-O	2.800	2.618	93.51	36-119
	6 Thionazin	4.000	3.235	80.89	65-116
	8 Ethoprop	4.000	3.235	80.88	36-119
	11 Phorate	4.000	2.143	53.57	36-119
	13 Simazine	4.000	3.963	99.07	36-119
	16 Diazinon	4.000	2.834	70.86	36-119
	17 Disulfoton	4.000	2.669	66.74	61-103
	12 Demeton-S	1.200	0.0000	*	36-119
	15 Dimethoate	4.000	2.996	74.89	28-82
	19 Ronnel	4.000	3.202	80.06	62-99
	21 Chlorpyrifos	4.000	3.232	80.80	66-101
	24 Fenthion	4.000	3.115	77.87	36-119
	22 Trichloronate	4.000	1.669	41.73	36-119
	26 Anilazine	4.000	0.0000	*	36-119
M	43 Merphos	4.000	3.079	76.97	36-119
	18 Methyl Parathion	4.000	3.598	89.95	36-119
	20 Malathion	4.000	2.703	67.58	36-119
	28 Tokuthion	4.000	3.099	77.47	36-119
	23 Parathion	4.000	1.322	33.05*	36-119
	27 Tetrachlorvinphos	4.000	3.107	77.67	36-119
	32 Bolstar	4.000	3.140	78.49	36-119
$	35 Triphenyl phosphat	2.000	1.670	83.53	36-119
	31 Fensulfothion	4.000	3.308	82.70	20-105
	36 EPN	4.000	3.178	79.44	36-119
	34 Famphur	4.000	3.359	83.98	61-108
	39 Azinphos-methyl	4.000	3.410	85.26	55-103
	41 Coumaphos	4.000	3.086	77.15	36-119
M	42 Total Demeton	4.000	2.618	65.46	47-100

	SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$	3 Chlormefos	2.000	1.383	69.17	48-114

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 35 Triphenyl phosphat	2.000	1.670	83.53	50-150



Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\017F1701.D
Date : 09-AUG-2009 01:12
Client ID: LCSD
Sample Info: LHF291AD,LCSD
Column phase: RTx-OPPest

\\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\017F1701.D

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

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\020F2001.D
Lab Smp Id: LHCX51AA Client Smp ID: FB072909-SO
Inj Date : 09-AUG-2009 03:01
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : LHCX51AA,185-1
Misc Info :
Comment   :
Method   : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Meth Date : 10-Aug-2009 13:50 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 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 / Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Vs	1055.000	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	9.399	9.407	(0.686)	214	0.40303	0.7640	NC
$ 4	Chlormefos	9.506	9.502	(0.694)	322722	0.58885	1.116	
5	Thionazin	12.596	12.625	(0.920)	135	0.06790	0.1287	
6	Demeton-O	Compound Not Detected.						
7	Ethoprop	13.205	13.205	(0.964)	154	0.08858	0.1679	
8	Naled	13.462	13.482	(0.983)	263	0.17505	0.3318	NAP
* 9	Tributylphosphate	13.692	13.714	(1.000)	710986	2.00000		
10	Sulfotepp	Compound Not Detected.						
11	Phorate	Compound Not Detected.						
12	Dimethoate	14.380	14.416	(1.050)	859	0.35552	0.6740	NC
13	Demeton-S	Compound Not Detected.						
14	Simazine	Compound Not Detected.						
15	Atrazine	14.968	14.997	(1.093)	177	0.19325	0.3664	
16	propazine	Compound Not Detected.						
17	Disulfoton	15.878	15.866	(0.586)	191	0.08300	0.1573	
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	18.391	18.392	(0.679)	792	0.18387	0.3486	NAP
	24 Chlorpyrifos	Compound Not Detected.						
	25 Trichloronate	Compound Not Detected.						
	26 Anilazine	19.329	19.345	(0.714)	288	0.41195	0.7809	
	27 Merphos-A (Merphos)	19.800	19.804	(0.731)	118	0.10442	0.1980	
	28 Tetrachlorvinphos (Stirophos)	20.491	20.532	(0.757)	299	0.09210	0.1746	NC
	29 Tokuthion	Compound Not Detected.						
	30 Merphos-B (Merphos Oxone)	21.531	21.536	(0.795)	282	0.12761	0.2419	
	31 Carbophenothion-methyl	22.275	22.254	(0.823)	136	0.10032	0.1902	
	32 Fensulfothion	22.461	22.465	(0.829)	433	0.30492	0.5780	NC
	33 Bolstar / Famphur	23.618	23.627	(0.872)	155	0.11485	0.2177	NC
	34 Carbophenothion	Compound Not Detected.						
$	35 Triphenyl phosphate	25.279	25.270	(0.933)	203463	0.96038	1.821	
	36 Phosmet	25.778	25.769	(0.952)	354	0.10981	0.2082	
	37 EPN	Compound Not Detected.						
	38 Azinphos-methyl	Compound Not Detected.						
*	39 TOCP	27.080	27.076	(1.000)	485457	2.00000		
	40 Azinphos-ethyl	Compound Not Detected.						
	41 Coumaphos	Compound Not Detected.						
M	42 Total Demeton	Compound Not Detected.						
M	43 Merphos				400	0.00125	0.002365	

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D.i
Lab File ID: 020F2001.D
Lab Smp Id: LHCX51AA
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Misc Info:

Calibration Date: 08-AUG-2009
Calibration Time: 23:23
Client Smp ID: FB072909-SO
Level: LOW
Sample Type: WATER

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	630137	315069	1260274	710986	12.83
39 TOCP	431059	215530	862118	485457	12.62

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.68	13.18	14.18	13.69	0.08
39 TOCP	27.08	26.58	27.58	27.08	0.00

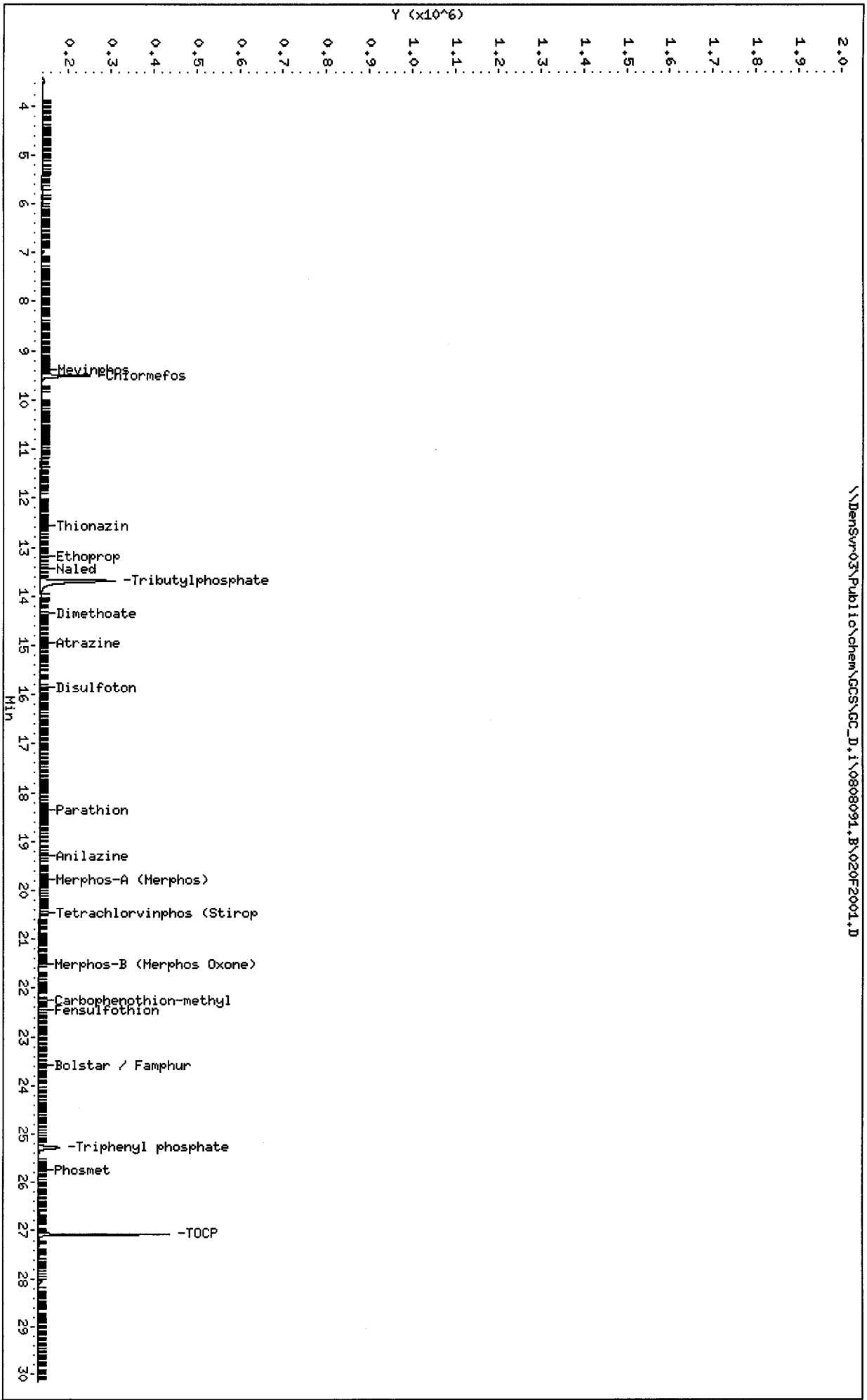
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name: Northgate Environmen31-JUL-2009 00:00 Client SDG: D9G3101
Sample Matrix: LIQUID Fraction: SV
Lab Smp Id: LHCX51AA Client Smp ID: FB072909-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_D.i\0808091.B\8141A-1.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 4 Chlormefos	1.896	1.116	58.89	48-114
$ 35 Triphenyl phosphat	1.896	1.821	96.04	50-150



Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\020F2001.D
Date : 09-AUG-2009 03:01
Client ID: FB072909-SO
Sample Info: LHCX51AA,185-1
Column phase: RTx-1MS

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

\\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\020F2001.D

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\020F2001.D
Lab Smp Id: LHCX51AA Client Smp ID: FB072909-SO
Inj Date : 09-AUG-2009 03:01
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : LHCX51AA,185-1
Misc Info :
Comment   :
Method   : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Meth Date : 10-Aug-2009 13:56 williamst Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 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 / Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	2000.000	Final Extract Volume (uL)
Vs	1055.000	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	12.892	12.885	(0.796)	381228	0.70721	1.341
4	Mevinphos	Compound Not Detected.					
5	Demeton-O	Compound Not Detected.					
6	Thionazin	Compound Not Detected.					
* 7	Tributylphosphate	16.190	16.193	(1.000)	814716	2.00000	
8	Ethoprop	Compound Not Detected.					
9	Naled	16.919	16.921	(1.045)	146	0.17079	0.3238
10	Sulfotepp	17.234	17.234	(1.064)	77	1e-004	0.0002145(a)
11	Phorate	Compound Not Detected.					
12	Demeton-S	Compound Not Detected.					
13	Simazine	18.383	18.368	(1.135)	58	0.28760	0.5452
14	Atrazine / Propazine	Compound Not Detected.					
15	Dimethoate	Compound Not Detected.					
16	Diazinon	Compound Not Detected.					
17	Disulfoton	Compound Not Detected.					
18	Methyl Parathion	21.139	21.132	(0.736)	154	0.08705	0.1650(a)
19	Ronnel	Compound Not Detected.					
20	Malathion	22.500	22.492	(0.784)	61	0.03650	0.06920(a)
21	Chlorpyrifos	Compound Not Detected.					
22	Trichloronate	22.846	22.819	(0.796)	66	0.06486	0.1230

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
	23 Parathion	22.862	22.866	(0.796)	78	0.13142	0.2491(a)
	24 Fenthion	Compound Not Detected.					
	25 Merphos-A (Merphos)	23.472	23.472	(0.818)	68	0.12755	0.2418
	26 Anilazine	Compound Not Detected.					
	27 Tetrachlorvinphos (stirophos)	Compound Not Detected.					
	28 Tokuthion	Compound Not Detected.					
	29 Merphos-B (Merphos oxone)	26.183	26.176	(0.912)	56	0.12963	0.2457(a)
	30 Carbophenothion methyl	Compound Not Detected.					
	31 Fensulfothion	Compound Not Detected.					
	32 Bolstar	Compound Not Detected.					
	33 Carbophenothion	Compound Not Detected.					
	34 Famphur	Compound Not Detected.					
$	35 Triphenyl phosphate	27.936	27.932	(0.973)	252849	0.96769	1.834
	36 EPN	Compound Not Detected.					
	37 Phosmet	28.365	28.366	(0.988)	61	0.05644	0.1070
*	38 TOCP	28.707	28.705	(1.000)	603831	2.00000	
	39 Azinphos-methyl	Compound Not Detected.					
	40 Azinphos-ethyl	Compound Not Detected.					
	41 Coumaphos	Compound Not Detected.					
M	42 Total Demeton	Compound Not Detected.					
M	43 Merphos	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_D.i
Lab File ID: 020F2001.D
Lab Smp Id: LHCX51AA
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Misc Info:

Calibration Date: 08-AUG-2009
Calibration Time: 23:23
Client Smp ID: FB072909-SO
Level: LOW
Sample Type: WATER

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
7 Tributylphosphate	742473	371237	1484946	814716	9.73
38 TOCP	535756	267878	1071512	603831	12.71

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.19	15.69	16.69	16.19	0.02
38 TOCP	28.71	28.21	29.21	28.71	-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

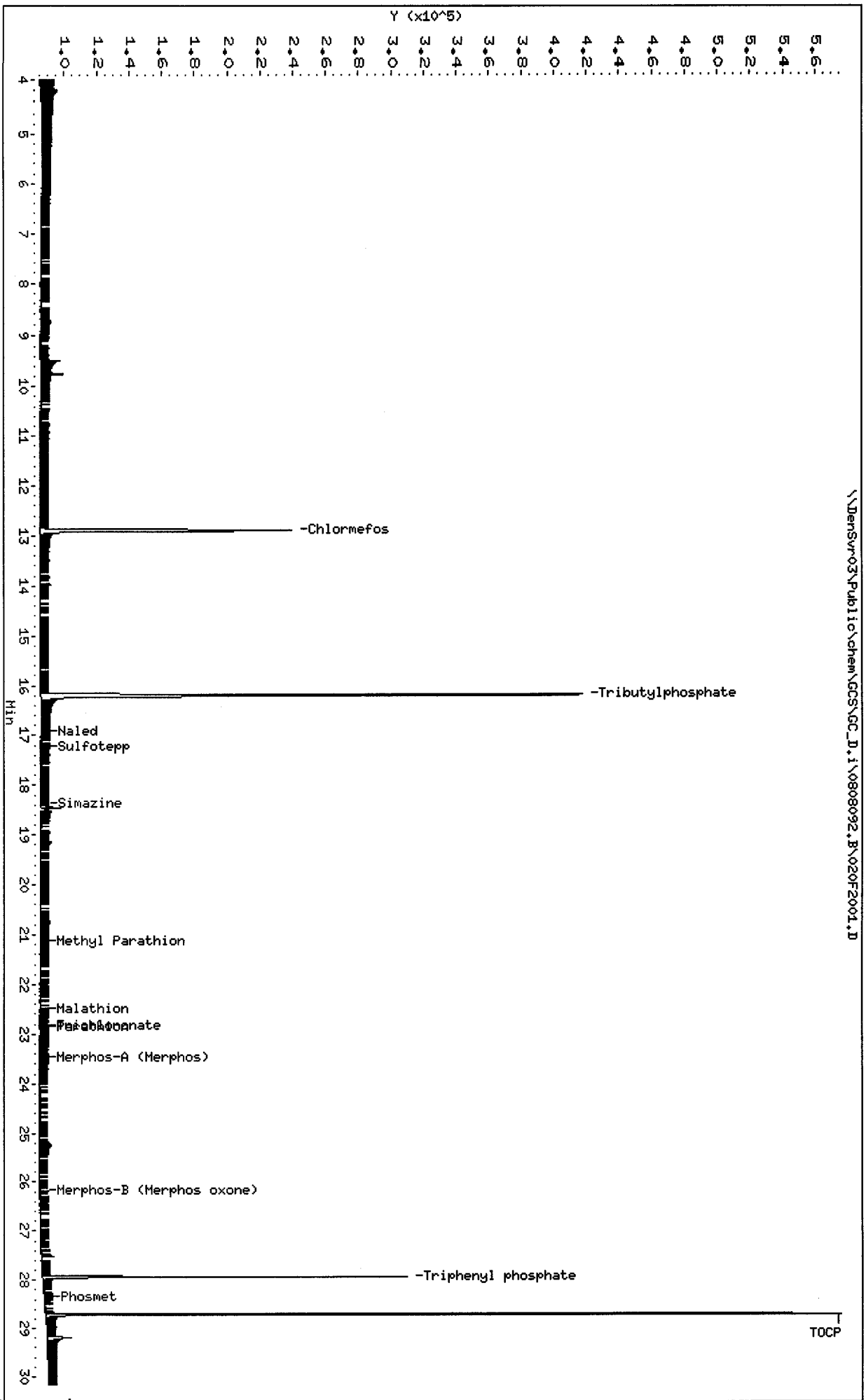
RECOVERY REPORT

Client Name: Northgate Environmen31-JUL-2009 00:00 Client SDG: D9G3101
Sample Matrix: LIQUID Fraction: SV
Lab Smp Id: LHCX51AA Client Smp ID: FB072909-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_D.i\0808092.B\8141A-2.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 3 Chlormefos	1.896	1.341	70.72	48-114
$ 35 Triphenyl phosphat	1.896	1.834	96.77	50-150

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\020F2001.D
Date : 09-AUG-2009 03:01
Client ID: FB072909-SO
Sample Info: LHCX51AA,185-1
Column phase: RTx-OPPest

Instrument: GC_D.i
Operator: MPK/TLM
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 614
8310 8330 Other HPLC_____

601 602 8021 BTEX
TPH/GRO Other Volatile GC_____

Calibration Date: 080609
Instrument ID: D

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 ≥ 0.990, (DOD projects require r ≥ 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%?			✓	✓	
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%? 8/7/09	✗	✓		✓	Primary Include %R Mevinphos -22.2%, Phorate -18.3%, Simazine +23.5%, Anilazine -37.5%, Carbophenothion-methyl @-33.5% Secondary Include %R Mevinphos -21.1%, Naled -15.9%, Phorate -19.9%, Simazine +38.5%, Anilazine -58.8%, Carbophenothion-methyl -32.6%

1st Level Reviewer: Jessica L. Williams Date: 8/7/09
2nd Level Reviewer: [signature] Date: 8/8/09

Sequence: C:\HPCHEM\2\SEQUENCE\D080609.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	8141 L7 GSV82609				
4	Vial 4	8141 L6 GSV87009				
5	Vial 5	8141 L5 GSV87109				
6	Vial 6	8141 L4 GSV87209				
7	Vial 7	8141 L3 GSV87309				
8	Vial 8	8141 L2 GSV87409				
9	Vial 9	8141 L1 GSV87509				
10	Vial 10	8141 SS GSV87609				
11	Vial 11	GSV0893-09 SURR				
12	Vial 12	GSV0883-09 SPK				
13	Vial 13	LG1WM1AA,MB				
14	Vial 14	LG1WM1AC,LCS				
15	Vial 15	LG1WM1AD,LCSD				
16	Vial 16	LGX0F1AE,167-1				
17	Vial 17	LGX1P1AN,167-2				
18	Vial 18	LG34K1AA,MB				
19	Vial 19	LG34K1AC,LCS				
20	Vial 20	LG34K1AD,LCSD				
21	Vial 21	LG2X51AA,280-1				
22	Vial 22	LG20H1AA,280-2				
23	Vial 23	LG20J1AA,280-3				
24	Vial 24	LG20L1AA,280-4				
25	Vial 25	LG20N1AA,280-5				
26	Vial 26	LG29G1AA,313-1				
27	Vial 27	LG3WP1AA,149-1				
28	Vial 28	LG3XR1AA,158-1				
29	Vial 29	8141 CCV GSV861				
30	Vial 30	LHA0K1AA,MB				
31	Vial 31	LHA0K1AC,LCS				
32	Vial 32	LHA0K1AD,LCSD				
33	Vial 33	LG7XK1AA,180-1				
34	Vial 34	LG7XP1AA,180-2				
35	Vial 35	LG7XQ1AA,180-3				
36	Vial 36	LG7XQ1AC,180-3S				
37	Vial 37	LG7XQ1AD,180-3D				
38	Vial 38	LG7XW1AA,180-4				
39	Vial 39	LG70G1AA,185-1				
40	Vial 40	LHA0P1AA,MB				
41	Vial 41	LHA0P1AC,LCS				
42	Vial 42	LHA0P1AD,LCSD				
43	Vial 43	LG7N31CC,159-1				
44	Vial 44	LG48D1AA,MB				
45	Vial 45	LG48D1AC,LCS				
46	Vial 46	LG48D1AD,LCSD				
47	Vial 47	LG3F51AD,333-9				
48	Vial 48	LG4761AA,MB				
49	Vial 49	LG4761AC,LCS				
50	Vial 50	LG4761AD,LCSD				
51	Vial 51	LG4XL1AA,133-1				
52	Vial 52	8141 CCV GSV861				
53	Vial 53	LG8X21AA,MB				
54	Vial 54	LG8X21AC,LCS				
55	Vial 55	LG8X21AD,LCSD				
56	Vial 56	LG1TK1AA,108-21				
57	Vial 57	LG8TT1AA,MB				
58	Vial 58	LG8TT1AC,LCS				
59	Vial 59	LG2971AA,314-1				

9205278

9206117

9211421

9211426

9208406

9208402

9210504

Sequence: C:\HPCHEM\2\SEQUENCE\D080609.S

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
60	Vial 60	LG3AD1AA,314-2				
61	Vial 61	LG3VM1AA,139-1				
62	Vial 62	LG3VM1AD,139-1S				
63	Vial 63	LG3VM1AE,139-1D				
64	Vial 64	LG3VP1AA,139-2				
65	Vial 65	LG3VR1AA,139-3				
66	Vial 66	8141 CCV GSV861				
67	Vial 67	LG3W11AA,150-1				
68	Vial 68	LG3W21AA,150-2				
69	Vial 69	LG3W31AA,150-3				
70	Vial 70	LG3W51AA,150-4				
71	Vial 71	LHFXR1AA,MB				
72	Vial 72	LHFXR1AC,LCS				
73	Vial 73	LGN2D1CQ,316-5S				
74	Vial 74	LGN2D1CR,316-5D				
75	Vial 75	LGN2D2CN,316-5				
76	Vial 76	LGN2J2CN,316-10				
77	Vial 77	8141 CCV GSV861				
78	Vial 2	HEXANE/ACETONE				

9260468

9215328

Sequence Table (Back Injector):

No entries - empty table!

Report Date : 07-Aug-2009 13:50 Page 1

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Last Edit : 07-Aug-2009 13:45 GC_D.i

Calibration File Names:
Level 1: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\009F0901.D
Level 2: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\008F0801.D
Level 3: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\007F0701.D
Level 4: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\006F0601.D
Level 5: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\005F0501.D
Level 6: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\004F0401.D
Level 7: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.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	5.0000 Level 7	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
1 o,o,o-TEPT	182432	420455	908197	1806303	2678940	3532965	4488963	QUAD	-0.00185	0.46722	0.02869	0.99856
2 Dichlorvos	0.88775	0.82394	0.83968	0.86756	0.82268	0.85000	0.80012	AVRG		0.84168		3.52069
3 Mevinphos	+++++	31592	111446	356823	596188	830977	1152906	LINR	0.20087	0.46926		0.99901
5 Thionazin	61338	194202	544011	1140983	1718412	2252008	2920220	WLINR	0.03379	1.18951		0.99527

*All weighted linear are $1/x^2$

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Last Edit : 07-Aug-2009 13:45 GC_D.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	30299	63511	157798	301922	460549	581572						
	761277						WLINR	-0.00975	0.92539		0.99395	
7 Ethoprop	42588	199533	491981	1004283	1510941	1955169						
	2505899						WLINR	0.04409	1.07839		0.99207	
8 Naled	9478	41661	162318	361004	602529	777472						
	1127359						QUAD	0.08662	2.45165	-0.13780	0.99888	
10 Sulfotepp	1.56280	1.44519	1.65714	1.68788	1.57081	1.56396						
	1.47299						AVRG		1.56582		5.61879	
11 Phorate	1.13644	0.95432	1.14044	1.07117	0.99690	0.98879						
	0.92922						AVRG		1.03104		8.29536	
12 Dimethoate	+++++	59892	356039	877602	1446366	1934346						
	2590760						WLINR	0.17667	1.10316		0.99682	
13 Demeton-S	421	101878	285098	598857	888508	1152288						
	1490677						LINR	0.00806	0.86060		0.99287	<-

TestAmerica

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Last Edit : 07-Aug-2009 13:45 GC_D.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	+++++	48256	174622	313833	493520	631700					
	804726						QUAD	0.10651	2.04581	1.46981	0.99811
15 Atrazine	+++++	56963	206785	417568	667495	887166					
	1175975						WLINR	0.09612	0.48853		0.99171
16 propazine	+++++	0.35592	0.47135	0.45861	0.45434	0.46102					
	0.44356						AVRG		0.44080		9.65392
17 Disulfoton	48155	167271	445811	956556	1440699	1882342					
	2454335						WLINR	0.04123	1.45920		0.99632
18 Diazinon	122906	248611	519628	1016692	1526415	1969776					
	2542893						WLINR	-0.05341	1.44136		0.99767
19 Methyl Parathion	40155	137375	334656	727074	1132305	1471875					
	1968772						WLINR	0.03631	1.12970		0.99901
20 Ronnel	1.03546	1.01940	1.14102	1.20523	1.19683	1.22965					
	1.20553						AVRG		1.14759		7.53685

TestAmerica

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Last Edit : 07-Aug-2009 13:45 GC_D.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	0.86188	0.91387	1.07877	1.08977	1.04406	1.03997						
	0.98036						AVRG		1.00124		8.61800	
22 Fenthion	49230	134570	363139	790291	1222175	1589817						
	2105793						WLINR	0.02987	1.20261		0.99507	
23 Parathion	+++++	117278	333400	780379	1232087	1621434						
	2156342						WLINR	0.09066	1.27814		0.99835	
24 Chlorpyrifos	+++++	265889	506108	926482	1387727	1798423						
	2373426						WLINR	-0.10926	1.27881		0.99829	
25 Trichloronate	1.46832	1.29281	1.40677	1.46387	1.44859	1.47665						
	1.43014						AVRG		1.42673		4.47196	
26 Anilazine	413	937	23197	62364	109906	153137						
	224347						LINR	0.20138	0.12922		0.99583	<-
27 Merphos-A (Merphos)	27686	102703	274971	619861	975630	1320113						
	1714293						WLINR	0.05196	0.98235		0.99735	

TestAmerica

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Last Edit : 07-Aug-2009 13:45 GC_D.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)	27000	86949	229899	510754	821547	1111793					
	1539127						WLINR	0.04531	0.82719		0.99642
29 Tokuthion	1.37786	1.22539	1.38006	1.40966	1.37398	1.39384					
	1.33792						AVRG		1.35696		4.56962
30 Merphos-B (Merphos Oxone)	49732	78157	159629	271041	371990	422425					
	528766						QUAD	0.06346	0.59850	3.86180	0.99854
31 Carbophenothion-methyl	29119	99151	280480	618555	972242	1285762					
	1741313						WLINR	0.04987	0.97720		0.99632
32 Fensulfothion	+++++	53776	214899	563535	876396	1172734					
	1592051						WLINR	0.15154	0.96497		0.99770
33 Bolstar / Famphur	97513	282731	741469	1568236	2416510	3128382					
	4156553						WLINR	0.05716	1.19757		0.99670
34 Carbophenothion	1.08187	1.03600	1.15360	1.13412	1.10854	1.10645					
	1.06490						AVRG		1.09793		3.67689

TestAmerica

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Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Last Edit : 07-Aug-2009 13:45 GC_D.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	25548	91979	268843	595984	916951	1218253					
	1647305						WLINR	0.05412	0.93334		0.99580
37 EPN	1.04741	1.13202	1.22186	1.20575	1.11750	1.12936					
	1.05270						AVRG		1.12952		5.95345
38 Azinphos-methyl	25233	73949	233826	545683	862799	1158610					
	1592084						LINR	0.07569	0.89630		0.99930
40 Azinphos-ethyl	1.20072	0.93049	1.06940	1.04526	1.02814	1.02319					
	0.97822						AVRG		1.03935		8.14067
41 Coumaphos	33445	95853	261325	569489	895805	1188819					
	1602651						WLINR	0.03646	0.89074		0.99560
M 42 Total Demeton	30720	165389	442896	900779	1349057	1733860					
	2251954						WLINR	0.05788	1.41556		0.99198
M 43 Merphos	1.39750	1.23094	1.38907	1.38298	1.31717	1.31436					
	1.21510						AVRG		1.32102		5.67433

TestAmerica

INITIAL CALIBRATION DATA

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Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Last Edit : 07-Aug-2009 13:45 GC_D.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	1.70854	1.55109	1.63649	1.61328	1.45247	1.46197					
	1.36788						AVRG		1.54167		7.79134
$ 35 Triphenyl phosphate	0.74982	0.81969	0.94206	0.95098	0.90064	0.90309					
	0.84340						AVRG		0.87281		8.28995

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Last Edit : 07-Aug-2009 13:45 GC_D.i

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

Report Date: 07-Aug-2009 13:50

Calibration History

Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Start Cal Date: 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Last Cal Level: 1
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 0.20000		
06-AUG-2009 18:34	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\009F0901.D
Cal Level: 2 , Cal Amount: 0.50000		
06-AUG-2009 17:58	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\008F0801.D
Cal Level: 3 , Cal Amount: 1.00000		
06-AUG-2009 17:21	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\007F0701.D
Cal Level: 4 , Cal Amount: 2.00000		
06-AUG-2009 16:45	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\006F0601.D
Cal Level: 5 , Cal Amount: 3.00000		
06-AUG-2009 16:08	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\005F0501.D
Cal Level: 6 , Cal Amount: 4.00000		
06-AUG-2009 15:32	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\004F0401.D
Cal Level: 7 , Cal Amount: 5.00000		
06-AUG-2009 14:56	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\003F0301.D

Continuing Calibration

Ccal Level Mode: BY SAMPLE

06-AUG-2009 19:10	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\010F1001.D
07-AUG-2009 06:42	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\029F2901.D
06-AUG-2009 16:08	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\005F0501.D

Report Date : 07-Aug-2009 13:44 Page 1

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.i

Calibration File Names:
Level 1: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\009F0901.D
Level 2: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\008F0801.D
Level 3: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\007F0701.D
Level 4: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\006F0601.D
Level 5: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\005F0501.D
Level 6: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\004F0401.D
Level 7: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.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	5.0000 Level 7	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
1 o,o,o-TEPT	2.29043	1.90123	1.95130	1.88382	1.73356	1.73918	1.59199	AVRG		1.87022		11.90741
2 Dichlorvos	0.89869	0.78758	0.82805	0.86014	0.82558	0.85108	0.78454	AVRG		0.83367		4.86412
4 Mevinphos	26181	90159	249277	555210	847872	1096662	1418878	LINR	0.02241	0.52291		0.99690
5 Demeton-O	0.74959	0.68467	0.79510	0.82182	0.78659	0.77064	0.74831	AVRG		0.76525		5.74609

* All weighted linear are $1/x^2$

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.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	1.14565	1.08329	1.20126	1.20198	1.13145	1.12656					
	1.04660						AVRG		1.13382		5.03485
8 Ethoprop	150814	267910	555560	1095403	1622717	2051405					
	2583304						WLINR	-0.08621	0.93634		0.99376
9 Naled	12427	47634	159760	373106	617906	787967					
	1131291						QUAD	0.08493	2.59831	-0.16856	0.99915
10 Sulfotepp	1.76900	1.56005	1.81850	1.75939	1.64614	1.63203					
	1.51002						AVRG		1.67073		6.89125
11 Phorate	1.08434	0.83104	0.84616	0.84084	0.79408	0.78203					
	0.73702						AVRG		0.84507		13.29300
12 Demeton-S	0.62408	0.72296	0.82414	0.81846	0.80405	0.81520					
	0.76672						AVRG		0.76794		9.50535
13 Simazine	6499	15934	82213	217050	364617	492868					
	674577						LINR	0.14352	0.25284		0.99829

TestAmerica

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Last Edit : 07-Aug-2009 13:44 GC_D.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 / Propazine	0.45307	0.43687	0.46450	0.46986	0.45749	0.47026					
	0.46112						AVRG		0.45903		2.52599
15 Dimethoate	62417	178809	484895	1037511	1616390	2052825					
	2698083						WLINR	0.03026	1.00403		0.99496
16 Diazinon	1.12790	0.98078	1.05404	1.02017	0.94993	0.93374					
	0.87260						AVRG		0.99131		8.50540
17 Disulfoton	1.04034	0.96498	1.05301	1.04708	0.99340	0.98440					
	0.92562						AVRG		1.00126		4.77046
18 Methyl Parathion	40092	130034	351856	753320	1163940	1488025					
	1936768						WLINR	0.04327	0.99949		0.99615
19 Ronnel	1.29240	1.09578	1.15751	1.15464	1.14108	1.15310					
	1.09180						AVRG		1.15519		5.76214
20 Malathion	52293	150756	354820	728530	1103657	1406900					
	1824966						WLINR	0.01814	0.94549		0.99782

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.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	60489	169871	394413	832490	1290170	1671357					
	2210724						WLINR	0.02011	1.09999		0.99883
22 Trichloronate	66017	196799	455989	1021736	1622974	2093978					
	2890038						WLINR	0.03235	1.38094		0.99763
23 Parathion	66767	175066	440954	893471	1339063	1741701					
	2140679						QUAD	0.06563	0.65024	0.10357	0.99479
24 Fenthion	89878	206817	455004	922040	1408001	1789955					
	2341329						WLINR	-0.01244	1.16987		0.99827
25 Merphos-A (Merphos)	23197	104851	277563	631476	1003697	1339983					
	1728719						WLINR	0.06365	0.87639		0.99746
26 Anilazine	3273	10789	27039	64885	101616	129151					
	195793						WLINR	0.06368	0.09179		0.99697
27 Tetrachlorvinphos (stirophos)	35965	97796	256768	576694	925221	1220938					
	1682420						WLINR	0.03907	0.79183		0.99222

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.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 Tokuthion	1.22601	1.12742	1.27127	1.32225	1.30944	1.33086	1.26727	AVRG		1.26493		5.59788
29 Merphos-B (Merphos oxone)	58022	96740	174313	293170	395538	439795	547067	QUAD	0.06477	0.52377	4.80248	0.99795
30 Carbophenothion methyl	0.75736	0.75717	0.89847	0.94809	0.94520	0.96010	0.92358	AVRG		0.88428		10.06653
31 Fensulfothion	31957	101238	280688	603115	932760	1195644	1541611	WLINR	0.04406	0.79919		0.99507
32 Bolstar	1.35003	1.19068	1.27553	1.24212	1.18136	1.16644	1.06951	AVRG		1.21081		7.36840
33 Carbophenothion	0.99270	0.91157	1.03031	1.05279	1.04016	1.05422	1.00258	AVRG		1.01205		4.96052
34 Famphur	0.81755	0.80571	0.96709	1.00392	0.96583	0.98385	0.92956	AVRG		0.92479		8.70957

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.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 EPN	1.02676	0.93500	1.04721	1.04625	0.99870	0.98619					
	0.90816						AVRG		0.99261		5.44915
37 Phosmet	42368	114720	302493	636769	974935	1249688					
	1655568						WLINR	0.02810	0.83340		0.99564
39 Azinphos-methyl	37094	89923	240868	524807	823806	1072140					
	1429834						WLINR	0.02728	0.69625		0.99187
40 Azinphos-ethyl	0.69495	0.65912	0.76659	0.77776	0.74616	0.73804					
	0.69568						AVRG		0.72547		5.96411
41 Coumaphos	37102	91236	236130	504566	780746	1021332					
	1373774						WLINR	0.02252	0.66605		0.99432
M 42 Total Demeton	56597	167552	404997	836927	1295869	1672111					
	2162260						WLINR	0.02537	1.10859		0.99819
M 43 Merphos	81219	201591	451876	924646	1399235	1779778					
	2275786						WLINR	-0.00193	1.17315		0.99761

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TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.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
$ 3 Chlormefos	118440	285008	643087	1328045	2008587	2624051	3329933	LINR	-0.03570	1.20195		0.99676
$ 35 Triphenyl phosphate	0.91508	0.82368	0.91619	0.91274	0.86631	0.85066	0.77349	AVRG		0.86545		6.27482

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.i

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Linear	Amt = b + 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: 07-Aug-2009 13:44

Calibration History

Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Start Cal Date: 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Last Cal Level: 1
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 0.20000		
06-AUG-2009 18:34	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\009F0901.D
Cal Level: 2 , Cal Amount: 0.50000		
06-AUG-2009 17:58	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\008F0801.D
Cal Level: 3 , Cal Amount: 1.00000		
06-AUG-2009 17:21	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\007F0701.D
Cal Level: 4 , Cal Amount: 2.00000		
06-AUG-2009 16:45	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\006F0601.D
Cal Level: 5 , Cal Amount: 3.00000		
06-AUG-2009 16:08	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\005F0501.D
Cal Level: 6 , Cal Amount: 4.00000		
06-AUG-2009 15:32	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\004F0401.D
Cal Level: 7 , Cal Amount: 5.00000		
06-AUG-2009 14:56	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\003F0301.D

Continuing Calibration

Ccal Level Mode: BY SAMPLE

06-AUG-2009 19:10	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\010F1001.D
06-AUG-2009 16:45	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\006F0601.D

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/010F1001.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

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

Injection Date: 06-AUG-2009 19:10
Lab Sample ID: 8141 SS GSV87609
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.0000	2.2402	12.0	15.0	
2	Dichlorvos	2.0000	2.0361	1.8	15.0	
3	Mevinphos	2.0000	1.5564	22.2	15.0	<-
4	Chlormefos	2.0000	1.7365	13.2	15.0	
5	Thionazin	2.0000	2.2350	11.8	15.0	
6	Demeton-O	0.6500	2.0253	211.6	15.0	<- ok, see total demeton
7	Ethoprop	2.0000	1.9936	0.3	15.0	
8	Naled	2.0000	1.7057	14.7	15.0	
9	Sulfotepp	2.0000	1.9680	1.6	15.0	
10	Phorate	2.0000	1.6336	18.3	15.0	<-
11	Dimethoate	2.0000	2.1822	9.1	15.0	
12	Demeton-S	1.3600	0.2056	84.9	15.0	<- ok, see total demeton
13	Simazine	2.0000	2.4694	23.5	15.0	<-
14	Atrazine	2.0000	2.1611	8.1	15.0	
15	propazine	2.0000	2.1931	9.7	15.0	
17	Disulfoton	2.0000	1.9744	1.3	15.0	
16	Diazinon	2.0000	1.8671	6.6	15.0	
18	Methyl Parathion	2.0000	1.9703	1.5	15.0	
19	Ronnel	2.0000	2.0637	3.2	15.0	
20	Malathion	2.0000	1.9362	3.2	15.0	
21	Fenthion	2.0000	1.9060	4.7	15.0	
22	Parathion	2.0000	2.0598	3.0	15.0	
23	Chlorpyrifos	2.0000	1.9775	1.1	15.0	
24	Trichloronate	2.0000	1.8094	9.5	15.0	
25	Anilazine	2.0000	1.2499	37.5	15.0	<-
148	Merphos-A (Merphos)	2.0000	0.2980	85.1	999.0	
26	Tetrachlorvinphos (Stirophos)	2.0000	1.8887	5.6	15.0	
28	Tokuthion	2.0000	1.9432	2.8	15.0	
149	Merphos-B (Merphos Oxone)	2.0000	11.8778	493.9	999.0	
29	Carbophenothion-methyl	2.0000	1.3305	33.5	15.0	<-
29	Fensulfothion	2.0000	1.9661	1.7	15.0	
30	Bolstar / Famphur	4.0000	4.2423	6.1	15.0	
32	Carbophenothion	2.0000	2.1165	5.8	15.0	
31	Triphenyl phosphate	2.0000	1.8485	7.6	15.0	
34	Phosmet	2.0000	2.2723	13.6	15.0	
32	EPN	2.0000	2.2096	10.5	15.0	
33	Azinphos-methyl	2.0000	1.8506	7.5	15.0	
38	Azinphos-ethyl	2.0000	2.0552	2.8	15.0	
36	Coumaphos	2.0000	1.9367	3.2	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/010F1001.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

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

Injection Date: 06-AUG-2009 19:10
Lab Sample ID: 8141 SS GSV87609
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
40 Total Demeton	2.0000	2.2310	11.5	15.0
27 Merphos	2.0000	1.8981	5.1	15.0

Average %D = 29.5

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B/010F1001.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

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

Injection Date: 06-AUG-2009 19:10
Lab Sample ID: 8141 SS GSV87609
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.0000	2.1425	7.1	15.0	
2	Dichlorvos	2.0000	1.9878	0.6	15.0	
3	Chlormefos	2.0000	1.6927	15.4	15.0	<- OK
4	Mevinphos	2.0000	1.5781	21.1	15.0	<-
5	Demeton-O	0.6500	2.0683	218.2	15.0	<- ok, see total demeton
6	Thionazin	2.0000	2.2135	10.7	15.0	
7	Ethoprop	2.0000	1.9677	1.6	15.0	
10	Naled	2.0000	1.6813	15.9	15.0	<-
145	Sulfotepp	2.0000	1.8424	7.9	15.0	
8	Phorate	2.0000	1.6013	19.9	15.0	<-
15	Demeton-S	1.3600	0.0935	93.1	15.0	<- ok, see total demeton
10	Simazine	2.0000	2.7702	38.5	15.0	<-
13	Atrazine / Propazine	4.0000	4.2316	5.8	15.0	
16	Dimethoate	2.0000	2.1608	8.0	15.0	
11	Diazinon	2.0000	1.8234	8.8	15.0	
14	Disulfoton	2.0000	1.9546	2.3	15.0	
23	Methyl Parathion	2.0000	1.9650	1.7	15.0	
17	Ronnel	2.0000	1.9361	3.2	15.0	
24	Malathion	2.0000	1.8572	7.1	15.0	
18	Chlorpyrifos	2.0000	1.9742	1.3	15.0	
20	Trichloronate	2.0000	1.7303	13.5	15.0	
26	Parathion	2.0000	2.0441	2.2	15.0	
19	Fenthion	2.0000	1.9107	4.5	15.0	
151	Merphos-A (Merphos)	2.0000	0.2815	85.9	999.0	
21	Anilazine	2.0000	0.8232	58.8	15.0	<-
27	Tetrachlorvinphos (stirophos)	2.0000	1.8642	6.8	15.0	
25	Tokuthion	2.0000	1.9613	1.9	15.0	
148	Merphos-B (Merphos oxone)	2.0000	11.9171	495.9	999.0	
28	Carbophenothion methyl	2.0000	1.3477	32.6	15.0	<-
30	Fensulfothion	2.0000	1.9468	2.7	15.0	
28	Bolstar	2.0000	1.9885	0.6	15.0	
30	Carbophenothion	2.0000	2.1111	5.6	15.0	
33	Famphur	2.0000	2.2821	14.1	15.0	
29	Triphenyl phosphate	2.0000	1.7892	10.5	15.0	
32	EPN	2.0000	2.1924	9.6	15.0	
34	Phosmet	2.0000	2.2747	13.7	15.0	
34	Azinphos-methyl	2.0000	1.8178	9.1	15.0	
35	Azinphos-ethyl	2.0000	2.1653	8.3	15.0	
36	Coumaphos	2.0000	1.8960	5.2	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B/010F1001.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

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

Injection Date: 06-AUG-2009 19:10
Lab Sample ID: 8141 SS GSV87609
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
40 Total Demeton	2.0000	2.1617	8.1	15.0
22 Merphos	2.0000	1.9093	4.5	15.0

Average %D = 31.3

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\003F0301.D
Lab Smp Id: 8141 L7 GSV82609 Client Smp ID: 8141 L7 GSV82609
Inj Date : 06-AUG-2009 14:56
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L7 GSV82609
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Meth Date : 07-Aug-2009 13:45 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 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	4.337	4.267	(0.316)	4488963	5.00000	4.934(M)
	2 Dichlorvos	5.900	5.865	(0.430)	2137554	5.00000	4.753
	3 Mevinphos	9.419	9.407	(0.687)	1152906	5.00000	5.000(A)
$	4 Chlormefos	9.511	9.502	(0.694)	3654328	5.00000	4.436
	5 Thionazin	12.625	12.625	(0.921)	2920220	5.00000	4.662
	6 Demeton-O	12.876	12.876	(0.939)	761277	1.62500	1.520
	7 Ethoprop	13.201	13.205	(0.963)	2505899	5.00000	4.437
	8 Naled	13.481	13.482	(0.983)	1127359	5.00000	5.039(A)
*	9 Tributylphosphate	13.709	13.714	(1.000)	1068614	2.00000	
	10 Sulfotepp	14.143	14.143	(1.032)	3935138	5.00000	4.704
	11 Phorate	14.227	14.227	(1.038)	2482436	5.00000	4.506
	12 Dimethoate	14.399	14.416	(1.050)	2590760	5.00000	4.749
	13 Demeton-S	14.679	14.682	(1.071)	1490677	3.40000	3.258
	14 Simazine	14.779	14.783	(1.078)	804726	5.00000	4.961
	15 Atrazine	14.996	14.997	(1.094)	1175975	5.00000	4.697
	16 propazine	15.177	15.178	(1.107)	1184985	5.00000	5.031(A)
	17 Disulfoton	15.864	15.866	(0.586)	2454335	5.00000	4.638
	18 Diazinon	15.933	15.934	(0.588)	2542893	5.00000	4.672
	19 Methyl Parathion	16.827	16.829	(0.622)	1968772	5.00000	4.793
	20 Ronnel	17.454	17.456	(0.645)	2225399	5.00000	5.252(A)
	21 Malathion	18.133	18.134	(0.670)	1809734	5.00000	4.896
	22 Fenthion	18.283	18.284	(0.675)	2105793	5.00000	4.802
	23 Parathion	18.389	18.392	(0.679)	2156342	5.00000	4.751
	24 Chlorpyrifos	18.450	18.451	(0.681)	2373426	5.00000	4.808
	25 Trichloronate	18.957	18.958	(0.700)	2640021	5.00000	5.012(A)
	26 Anilazine	19.339	19.345	(0.714)	224347	5.00000	5.105(A)
	27 Merphos-A (Merphos)	19.800	19.804	(0.731)	1714293	5.00000	4.831
	28 Tetrachlorvinphos (Stirophos)	20.527	20.532	(0.758)	1539127	5.00000	5.130(A)
	29 Tokuthion	21.278	21.278	(0.786)	2469788	5.00000	4.930
	30 Merphos-B (Merphos Oxone)	21.532	21.536	(0.795)	528766	5.00000	4.945
	31 Carbophenothion-methyl	22.252	22.254	(0.822)	1741313	5.00000	4.926
	32 Fensulfothion	22.449	22.465	(0.829)	1592051	5.00000	4.772
	33 Bolstar / Famphur	23.624	23.627	(0.873)	4156553	10.0000	9.716

		Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34	Carbophenothion	23.946	23.947	(0.884)	1965799	5.00000	4.850
$	35	Triphenyl phosphate	25.268	25.270	(0.933)	1556913	5.00000	4.832(A)
	36	Phosmet	25.764	25.769	(0.952)	1647305	5.00000	4.889
	37	EPN	26.095	26.097	(0.964)	1943280	5.00000	4.660
	38	Azinphos-methyl	26.579	26.584	(0.982)	1592084	5.00000	4.962
*	39	TOCP	27.074	27.076	(1.000)	738395	2.00000	
	40	Azinphos-ethyl	27.167	27.172	(1.003)	1805786	5.00000	4.706
	41	Coumaphos	27.689	27.694	(1.023)	1602651	5.00000	4.946
M	42	Total Demeton				2251954	5.00000	4.778
M	43	Merphos				2243059	5.00000	4.599

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

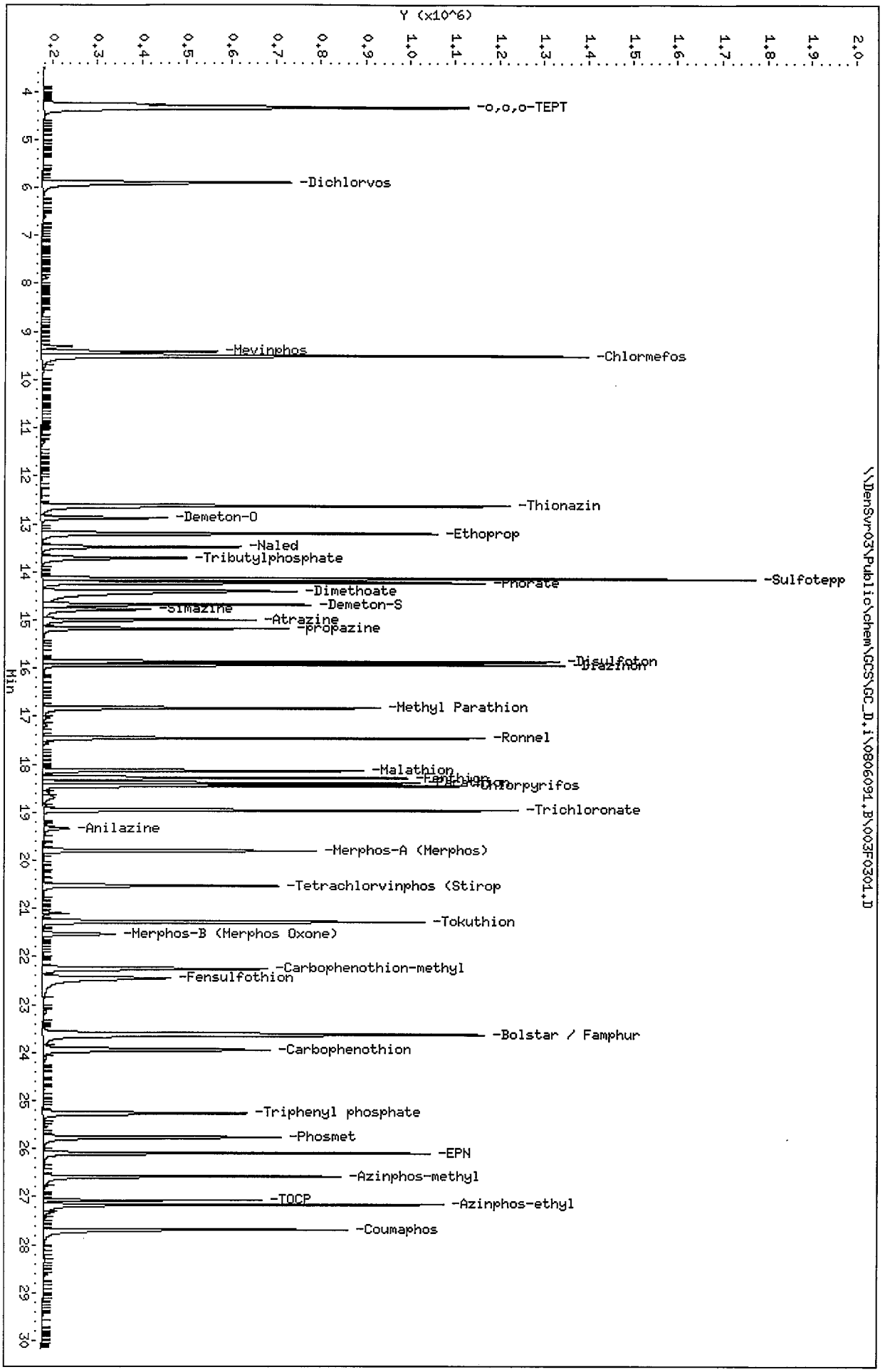
Instrument ID: GC_D.i
Lab File ID: 003F0301.D
Lab Smp Id: 8141 L7 GSV82609
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Misc Info:

Calibration Date: 07-AUG-2009
Calibration Time: 06:42
Client Smp ID: 8141 L7 GSV8260
Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	1034306	517153	2068612	1068614	3.32
39 TOCP	695324	347662	1390648	738395	6.19

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.70	13.20	14.20	13.71	0.08
39 TOCP	27.08	26.58	27.58	27.07	-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_D,i\0806091,B\003F0301,D
Date : 06-AUG-2009 14:56
Client ID: 8141 L7 GSV82609
Sample Info: 8141 L7 GSV82609
Column phase: RTx-1MS

Instrument: GC_D,i
Operator: MPK/TLW
Column diameter: 0.32

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/003F0301.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

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

Injection Date: 06-AUG-2009 14:56
Lab Sample ID: 8141 L7 GSV82609
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	3.0000	4.3142	43.8	15.0	<-
2	Dichlorvos	3.0000	4.7548	58.5	15.0	<-
3	Mevinphos	3.0000	5.2491	75.0	15.0	<-
4	Chlormefos	3.0000	4.3776	45.9	15.0	<-
5	Thionazin	3.0000	4.6629	55.4	15.0	<-
6	Demeton-O	0.9750	1.4314	46.8	15.0	<-
7	Ethoprop	3.0000	4.4386	48.0	15.0	<-
8	Naled	3.0000	5.2235	74.1	15.0	<-
9	Sulfotepp	3.0000	4.7291	57.6	15.0	<-
10	Phorate	3.0000	4.7224	57.4	15.0	<-
11	Dimethoate	3.0000	4.9039	63.5	15.0	<-
12	Demeton-S	2.0400	3.8555	89.0	15.0	<-
13	Simazine	3.0000	4.5722	52.4	15.0	<-
14	Atrazine	3.0000	4.8477	61.6	15.0	<-
15	propazine	3.0000	4.8465	61.5	15.0	<-
17	Disulfoton	3.0000	4.7214	57.4	15.0	<-
16	Diazinon	3.0000	4.1907	39.7	15.0	<-
18	Methyl Parathion	3.0000	4.7872	59.6	15.0	<-
19	Ronnel	3.0000	4.9720	65.7	15.0	<-
20	Malathion	3.0000	4.8957	63.2	15.0	<-
21	Fenthion	3.0000	4.8025	60.1	15.0	<-
22	Parathion	3.0000	4.7976	59.9	15.0	<-
23	Chlorpyrifos	3.0000	4.8434	61.4	15.0	<-
24	Trichloronate	3.0000	4.9307	64.4	15.0	<-
25	Anilazine	3.0000	4.9899	66.3	15.0	<-
148	Merphos-A (Merphos)	3.0000	4.9039	63.5	999.0	
26	Tetrachlorvinphos (Stirophos)	3.0000	4.9673	65.6	15.0	<-
28	Tokuthion	3.0000	4.9299	64.3	15.0	<-
149	Merphos-B (Merphos Oxone)	3.0000	3.0113	0.4	999.0	
29	Carbophenothion-methyl	3.0000	4.7224	57.4	15.0	<-
29	Fensulfothion	3.0000	4.8806	62.7	15.0	<-
30	Bolstar / Famphur	6.0000	11.5025	91.7	15.0	<-
32	Carbophenothion	3.0000	4.8378	61.3	15.0	<-
31	Triphenyl phosphate	3.0000	4.8315	61.1	15.0	<-
34	Phosmet	3.0000	6.9503	131.7	15.0	<-
32	EPN	3.0000	4.6600	55.3	15.0	<-
33	Azinphos-methyl	3.0000	4.9247	64.2	15.0	<-
38	Azinphos-ethyl	3.0000	4.8442	61.5	15.0	<-
36	Coumaphos	3.0000	6.0607	102.0	15.0	<-

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/003F0301.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

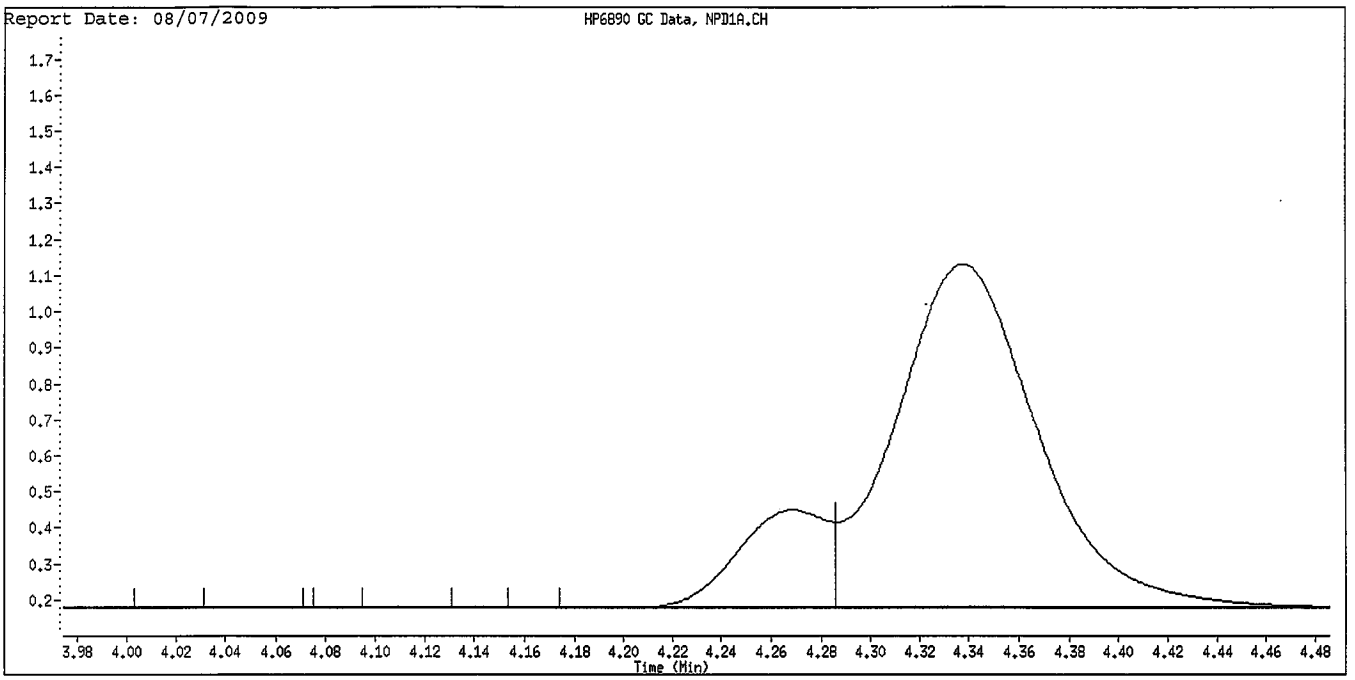
Instrument ID: GC_D.i
Lab File ID: 003F0301.D
Analysis Type: NONE

Injection Date: 06-AUG-2009 14:56
Lab Sample ID: 8141 L7 GSV82609
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

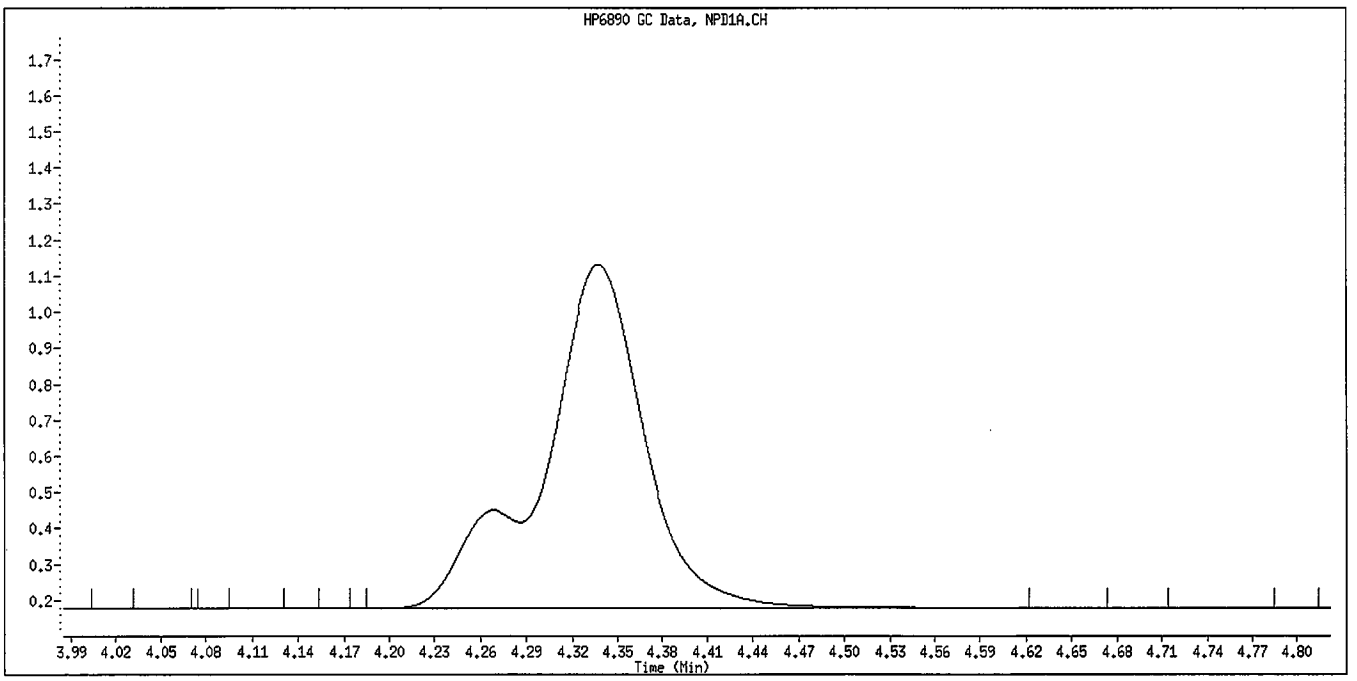
COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
40 Total Demeton	3.0000	5.2869	76.2	15.0	<-
27 Merphos	3.0000	4.5897	53.0	15.0	<-

Average %D = 62.4

Data File Name: 003F0301.D
Inj. Date and Time: 06-AUG-2009 14:56
Instrument ID: GC_D.i
Client ID: 8141 L7 GSV82609
Compound Name: o,o,o-TEPT
CAS #:



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\004F0401.D
Lab Smp Id: 8141 L6 GSV87009 Client Smp ID: 8141 L6 GSV87009
Inj Date : 06-AUG-2009 15:32
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L6 GSV87009
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Meth Date : 07-Aug-2009 13:45 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 14:56 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	4.265	4.267	(0.311)	3532965	4.00000	4.127(M)
	2 Dichlorvos	5.865	5.865	(0.428)	1660351	4.00000	4.040
	3 Mevinphos	9.405	9.407	(0.686)	830977	4.00000	4.028
$	4 Chlormefos	9.502	9.502	(0.693)	2855746	4.00000	3.793
	5 Thionazin	12.623	12.625	(0.921)	2252008	4.00000	3.944
	6 Demeton-O	12.876	12.876	(0.939)	581572	1.30000	1.267
	7 Ethoprop	13.201	13.205	(0.963)	1955169	4.00000	3.801
	8 Naled	13.480	13.482	(0.983)	777472	4.00000	3.902
*	9 Tributylphosphate	13.712	13.714	(1.000)	976680	2.00000	
	10 Sulfotepp	14.142	14.143	(1.031)	3054969	4.00000	3.995
	11 Phorate	14.227	14.227	(1.038)	1931467	4.00000	3.836
	12 Dimethoate	14.402	14.416	(1.050)	1934346	4.00000	3.944
	13 Demeton-S	14.677	14.682	(1.070)	1152288	2.72000	2.758
	14 Simazine	14.777	14.783	(1.078)	631700	4.00000	4.089
	15 Atrazine	14.995	14.997	(1.094)	887166	4.00000	3.911
	16 propazine	15.177	15.178	(1.107)	900547	4.00000	4.184
	17 Disulfoton	15.864	15.866	(0.586)	1882342	4.00000	3.974
	18 Diazinon	15.932	15.934	(0.588)	1969776	4.00000	4.016
	19 Methyl Parathion	16.828	16.829	(0.622)	1471875	4.00000	4.004
	20 Ronnel	17.454	17.456	(0.645)	1630230	4.00000	4.286
	21 Malathion	18.132	18.134	(0.670)	1378757	4.00000	4.155
	22 Fenthion	18.282	18.284	(0.675)	1589817	4.00000	4.048
	23 Parathion	18.388	18.392	(0.679)	1621434	4.00000	4.009
	24 Chlorpyrifos	18.448	18.451	(0.681)	1798423	4.00000	4.024
	25 Trichloronate	18.957	18.958	(0.700)	1957701	4.00000	4.140
	26 Anilazine	19.340	19.345	(0.714)	153137	4.00000	3.978
	27 Merphos-A (Merphos)	19.800	19.804	(0.731)	1320113	4.00000	4.158
	28 Tetrachlorvinphos (Stirophos)	20.527	20.532	(0.758)	1111793	4.00000	4.146
	29 Tokuthion	21.277	21.278	(0.786)	1847909	4.00000	4.109
	30 Merphos-B (Merphos Oxone)	21.532	21.536	(0.795)	422425	4.00000	4.026
	31 Carbophenothion-methyl	22.252	22.254	(0.822)	1285762	4.00000	4.070
	32 Fensulfothion	22.458	22.465	(0.829)	1172734	4.00000	3.970
	33 Bolstar / Famphur	23.623	23.627	(0.872)	3128382	8.00000	7.996

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	23.944	23.947	(0.884)	1466904	4.00000	4.031
$	35 Triphenyl phosphate	25.271	25.270	(0.933)	1197295	4.00000	4.139(A)
	36 Phosmet	25.766	25.769	(0.952)	1218253	4.00000	4.046
	37 EPN	26.097	26.097	(0.964)	1497280	4.00000	3.999
	38 Azinphos-methyl	26.581	26.584	(0.982)	1158610	4.00000	4.051
*	39 TOCP	27.076	27.076	(1.000)	662886	2.00000	
	40 Azinphos-ethyl	27.169	27.172	(1.003)	1356516	4.00000	3.938
	41 Coumaphos	27.690	27.694	(1.023)	1188819	4.00000	4.100
M	42 Total Demeton				1733860	4.00000	4.025
M	43 Merphos				1742538	4.00000	3.980

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

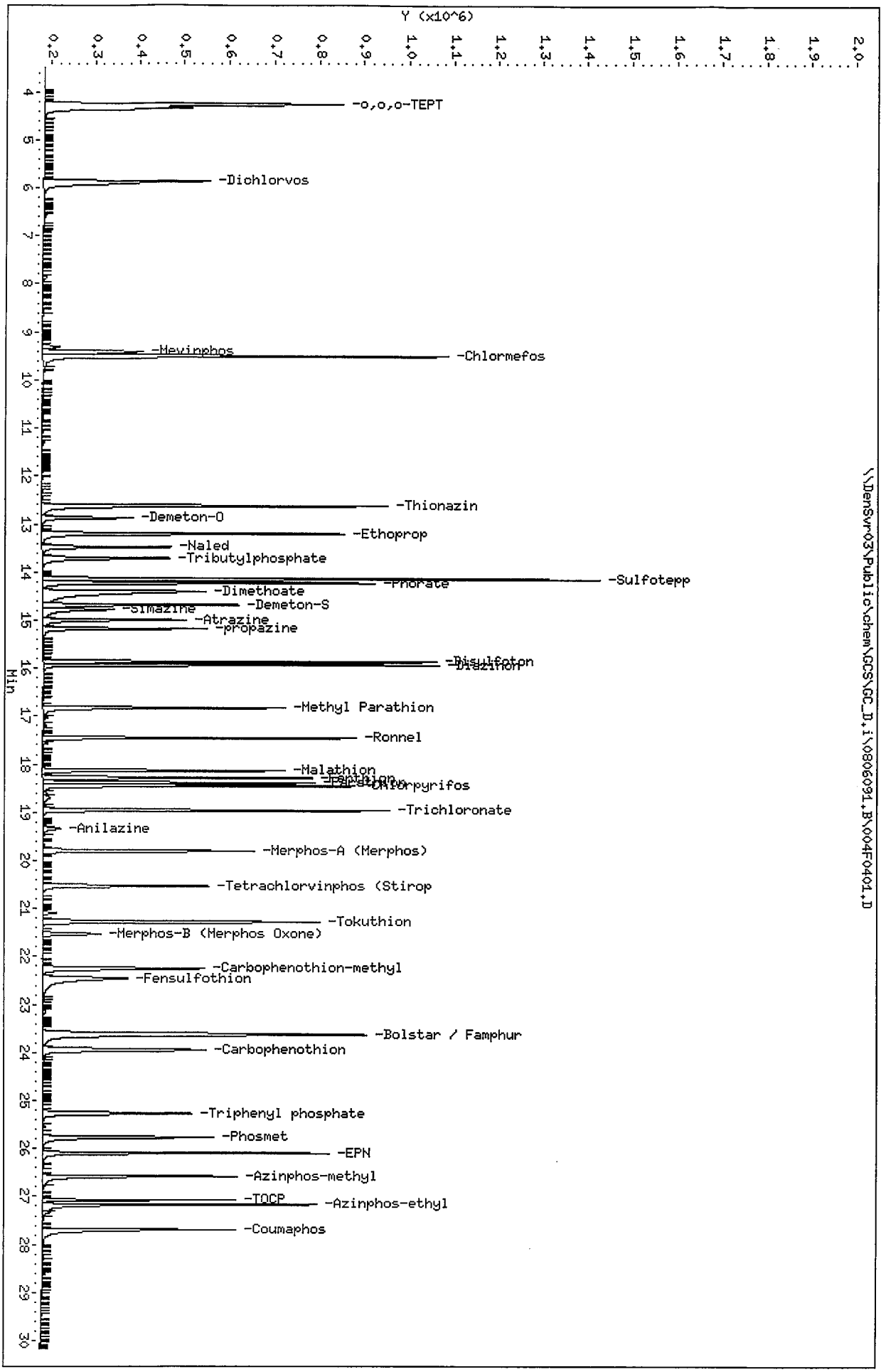
Instrument ID: GC_D.i
Lab File ID: 004F0401.D
Lab Smp Id: 8141 L6 GSV87009
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Misc Info:

Calibration Date: 07-AUG-2009
Calibration Time: 06:42
Client Smp ID: 8141 L6 GSV8700
Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	1034306	517153	2068612	976680	-5.57
39 TOCP	695324	347662	1390648	662886	-4.67

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.70	13.20	14.20	13.71	0.10
39 TOCP	27.08	26.58	27.58	27.08	-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_D,i\0806091,B\004F0401,D
Date : 06-AUG-2009 15:32
Client ID: 8141 L6 GSV87009
Sample Info: 8141 L6 GSV87009
Column phase: RTx-1MS

Instrument: GC_D,i
Operator: MPK/TLW
Column diameter: 0.32

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/004F0401.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 004F0401.D
Analysis Type: NONE

Injection Date: 06-AUG-2009 15:32
Lab Sample ID: 8141 L6 GSV87009
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1 o,o,o-TEPT	3.0000	3.7272	24.2	15.0	<-
2 Dichlorvos	3.0000	4.0433	34.8	15.0	<-
3 Mevinphos	3.0000	4.1986	40.0	15.0	<-
4 Chlormefos	3.0000	3.7459	24.9	15.0	<-
5 Thionazin	3.0000	3.9478	31.6	15.0	<-
6 Demeton-O	0.9750	1.1973	22.8	15.0	<-
7 Ethoprop	3.0000	3.8052	26.8	15.0	<-
8 Naled	3.0000	3.9829	32.8	15.0	<-
9 Sulfotepp	3.0000	4.0186	34.0	15.0	<-
10 Phorate	3.0000	4.0020	33.4	15.0	<-
11 Dimethoate	3.0000	4.0344	34.5	15.0	<-
12 Demeton-S	2.0400	3.2574	59.7	15.0	<-
13 Simazine	3.0000	3.9165	30.5	15.0	<-
14 Atrazine	3.0000	4.0098	33.7	15.0	<-
15 propazine	3.0000	4.0316	34.4	15.0	<-
17 Disulfoton	3.0000	4.0431	34.8	15.0	<-
16 Diazinon	3.0000	3.6165	20.5	15.0	<-
18 Methyl Parathion	3.0000	4.0079	33.6	15.0	<-
19 Ronnel	3.0000	4.0651	35.5	15.0	<-
20 Malathion	3.0000	4.1529	38.4	15.0	<-
21 Fenthion	3.0000	4.0455	34.9	15.0	<-
22 Parathion	3.0000	4.0375	34.6	15.0	<-
23 Chlorpyrifos	3.0000	4.0299	34.3	15.0	<-
24 Trichloronate	3.0000	4.0755	35.8	15.0	<-
25 Anilazine	3.0000	4.0456	34.9	15.0	<-
148 Merphos-A (Merphos)	3.0000	4.1603	38.7	999.0	
26 Tetrachlorvinphos (Stirophos)	3.0000	4.0360	34.5	15.0	<-
28 Tokuthion	3.0000	4.1080	36.9	15.0	<-
149 Merphos-B (Merphos Oxone)	3.0000	2.6792	10.7	999.0	
29 Carbophenothion-methyl	3.0000	3.9176	30.6	15.0	<-
29 Fensulfothion	3.0000	4.0266	34.2	15.0	<-
30 Bolstar / Famphur	6.0000	9.6457	60.8	15.0	<-
32 Carbophenothion	3.0000	4.0246	34.2	15.0	<-
31 Triphenyl phosphate	3.0000	4.1371	37.9	15.0	<-
34 Phosmet	3.0000	5.7287	91.0	15.0	<-
32 EPN	3.0000	4.0029	33.4	15.0	<-
33 Azinphos-methyl	3.0000	4.0338	34.5	15.0	<-
38 Azinphos-ethyl	3.0000	4.0493	35.0	15.0	<-
36 Coumaphos	3.0000	5.0072	66.9	15.0	<-

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/004F0401.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

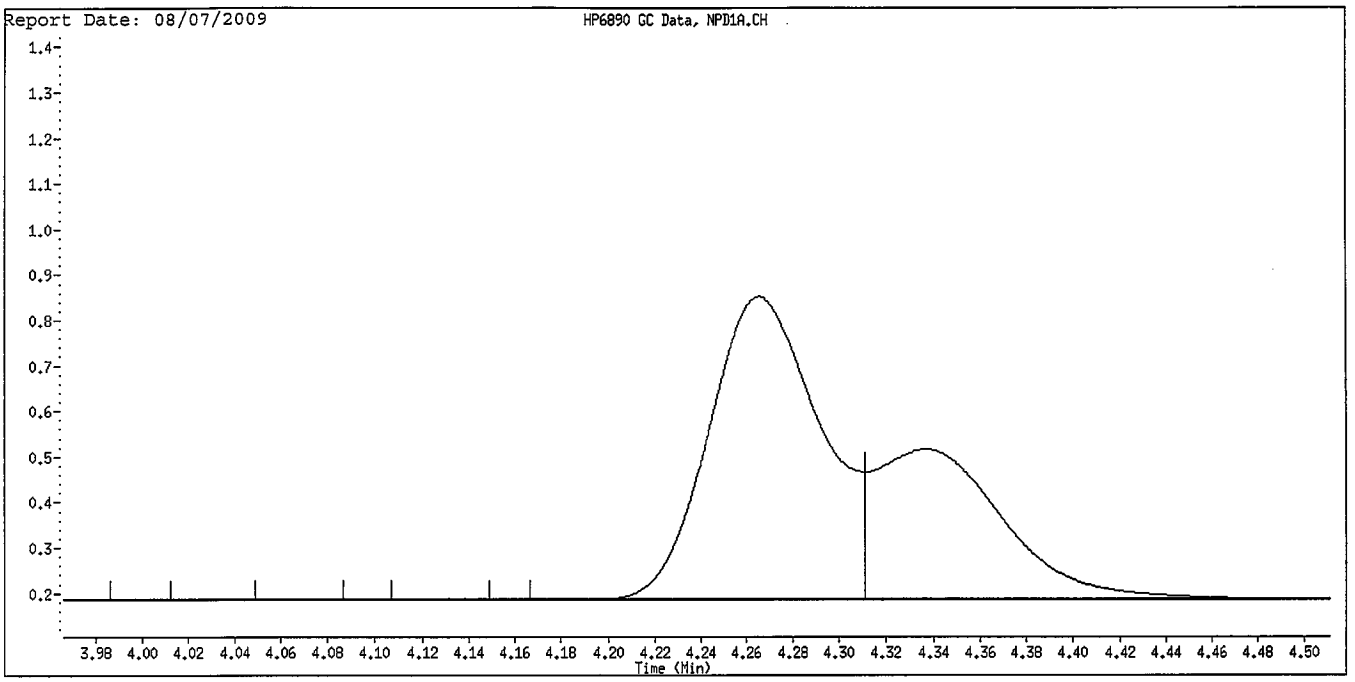
Instrument ID: GC_D.i
Lab File ID: 004F0401.D
Analysis Type: NONE

Injection Date: 06-AUG-2009 15:32
Lab Sample ID: 8141 L6 GSV87009
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

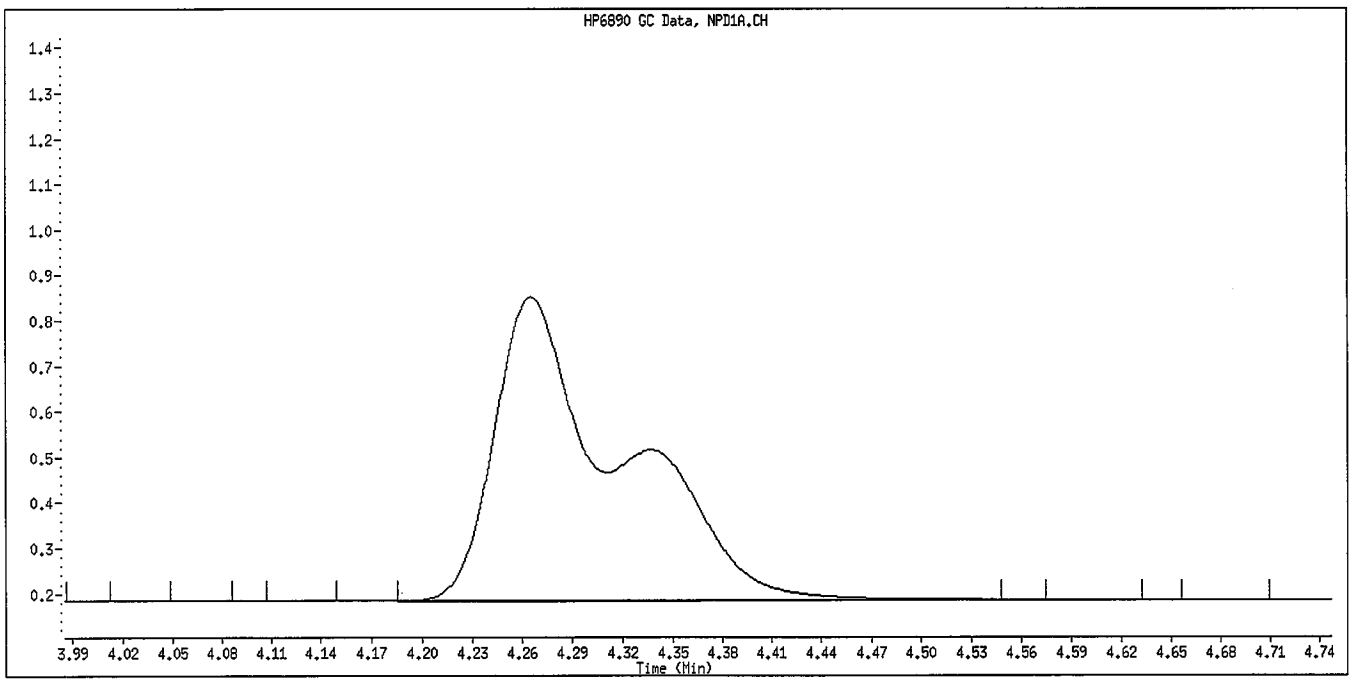
COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
40 Total Demeton	3.0000	4.4546	48.5	15.0	<-
27 Merphos	3.0000	3.9712	32.4	15.0	<-

Average %D = 36.5

Data File Name: 004F0401.D
Inj. Date and Time: 06-AUG-2009 15:32
Instrument ID: GC_D.i
Client ID: 8141 L6 GSV87009
Compound Name: o,o,o-TEPT
CAS #:



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\005F0501.D
Lab Smp Id: 8141 L5 GSV87109 Client Smp ID: 8141 L5 GSV87109
Inj Date : 06-AUG-2009 16:08
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L5 GSV87109
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Meth Date : 07-Aug-2009 13:45 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 15:32 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	4.266	4.267	(0.311)	2678940	3.00000	2.919(M)
	2 Dichlorvos	5.864	5.865	(0.428)	1231344	3.00000	2.932
	3 Mevinphos	9.406	9.407	(0.686)	596188	3.00000	2.948
$	4 Chlormefos	9.501	9.502	(0.693)	2173979	3.00000	2.826
	5 Thionazin	12.624	12.625	(0.921)	1718412	3.00000	2.963
	6 Demeton-O	12.875	12.876	(0.939)	460549	0.97500	0.9780
	7 Ethoprop	13.204	13.205	(0.963)	1510941	3.00000	2.896
	8 Naled	13.482	13.482	(0.983)	602529	3.00000	3.034
*	9 Tributylphosphate	13.714	13.714	(1.000)	997831	2.00000	
	10 Sulfotepp	14.143	14.143	(1.031)	2351109	3.00000	3.010
	11 Phorate	14.227	14.227	(1.037)	1492108	3.00000	2.901
	12 Dimethoate	14.415	14.416	(1.051)	1446366	3.00000	2.981
	13 Demeton-S	14.681	14.682	(1.071)	888508	2.04000	2.085
	14 Simazine	14.783	14.783	(1.078)	493520	3.00000	2.956
	15 Atrazine	14.997	14.997	(1.094)	667495	3.00000	2.931
	16 propazine	15.178	15.178	(1.107)	680031	3.00000	3.092
	17 Disulfoton	15.865	15.866	(0.586)	1440699	3.00000	2.977
	18 Diazinon	15.934	15.934	(0.588)	1526415	3.00000	2.998
	19 Methyl Parathion	16.829	16.829	(0.622)	1132305	3.00000	3.012
	20 Ronnel	17.455	17.456	(0.645)	1224497	3.00000	3.129
	21 Malathion	18.134	18.134	(0.670)	1068194	3.00000	3.128
	22 Fenthion	18.284	18.284	(0.675)	1222175	3.00000	3.040
	23 Parathion	18.392	18.392	(0.679)	1232087	3.00000	3.008
	24 Chlorpyrifos	18.450	18.451	(0.681)	1387727	3.00000	2.963
	25 Trichloronate	18.958	18.958	(0.700)	1482082	3.00000	3.046
	26 Anilazine	19.344	19.345	(0.714)	109906	3.00000	2.897
	27 Merphos-A (Merphos)	19.804	19.804	(0.731)	975630	3.00000	3.016
	28 Tetrachlorvinphos (Stirophos)	20.531	20.532	(0.758)	821547	3.00000	3.003
	29 Tokuthion	21.278	21.278	(0.786)	1405740	3.00000	3.038
	30 Merphos-B (Merphos Oxone)	21.535	21.536	(0.795)	371990	3.00000	3.077
	31 Carbophenothion-methyl	22.254	22.254	(0.822)	972242	3.00000	3.017
	32 Fensulfothion	22.464	22.465	(0.830)	876396	3.00000	2.966
	33 Bolstar / Famphur	23.626	23.627	(0.873)	2416510	6.00000	6.031

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	23.946	23.947	(0.884)	1134170	3.00000	3.029
$	35 Triphenyl phosphate	25.269	25.270	(0.933)	921466	3.00000	3.096(A)
	36 Phosmet	25.769	25.769	(0.952)	916951	3.00000	2.989
	37 EPN	26.097	26.097	(0.964)	1143331	3.00000	2.968
	38 Azinphos-methyl	26.584	26.584	(0.982)	862799	3.00000	2.974
*	39 TOCP	27.075	27.076	(1.000)	682079	2.00000	
	40 Azinphos-ethyl	27.172	27.172	(1.004)	1051907	3.00000	2.968
	41 Coumaphos	27.694	27.694	(1.023)	895805	3.00000	3.022
M	42 Total Demeton				1349057	3.00000	3.063
M	43 Merphos				1347620	3.00000	2.991

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

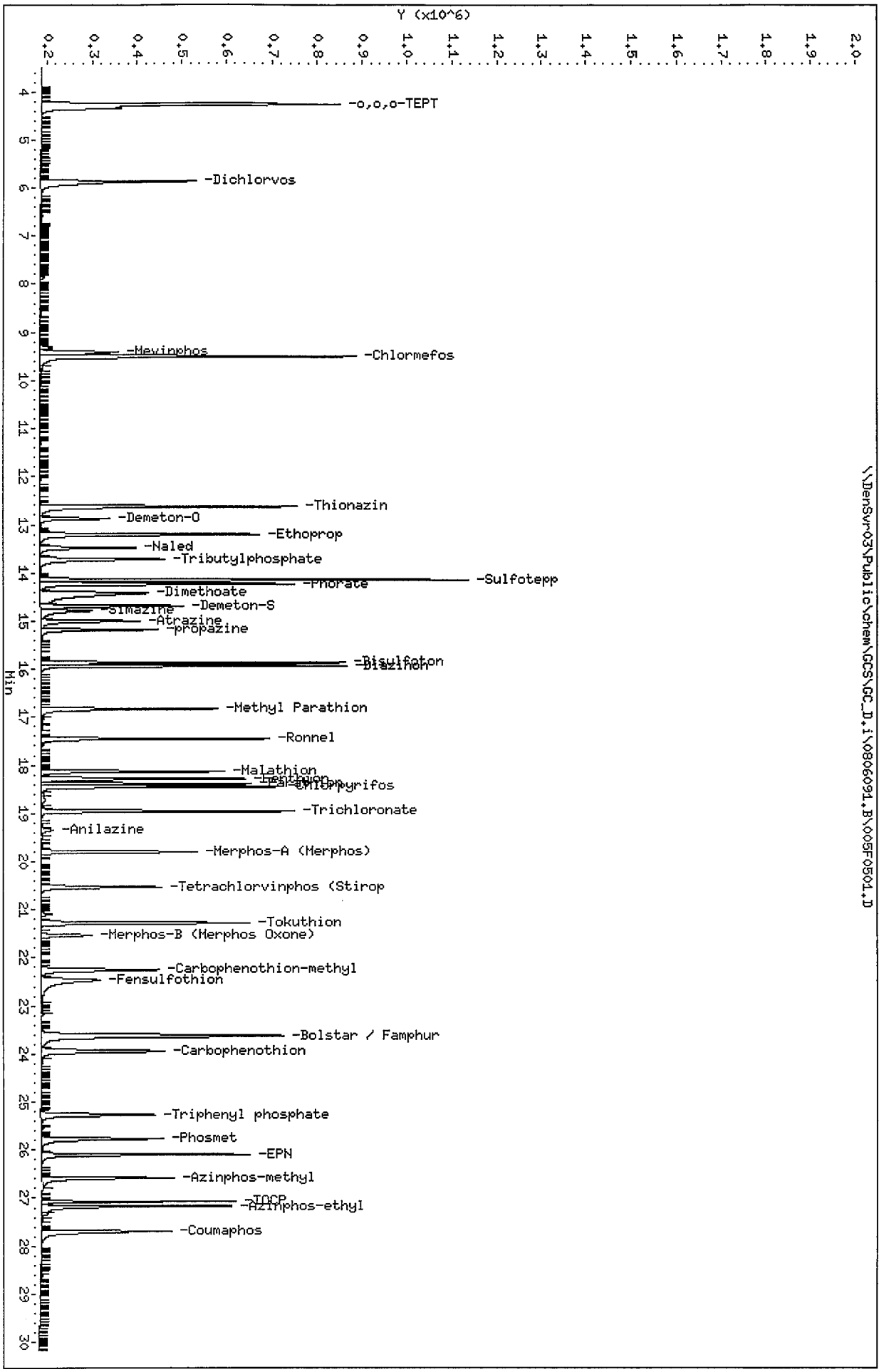
Instrument ID: GC_D.i
Lab File ID: 005F0501.D
Lab Smp Id: 8141 L5 GSV87109
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Misc Info:

Calibration Date: 07-AUG-2009
Calibration Time: 06:42
Client Smp ID: 8141 L5 GSV8710
Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	1034306	517153	2068612	997831	-3.53
39 TOCP	695324	347662	1390648	682079	-1.90

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.70	13.20	14.20	13.71	0.11
39 TOCP	27.08	26.58	27.58	27.08	-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_D,i\0806091,B\005F0501.D
Date : 06-AUG-2009 16:08
Client ID: 8141 L5 GSV87109
Sample Info: 8141 L5 GSV87109
Column phase: RTx-1MS

Instrument: GC_D,i
Operator: MPK/TLW
Column diameter: 0.32

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/005F0501.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 005F0501.D
Analysis Type: NONE

Injection Date: 06-AUG-2009 16:08
Lab Sample ID: 8141 L5 GSV87109
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	3.0000	2.7636	7.9	15.0	
2	Dichlorvos	3.0000	2.9290	2.4	15.0	
3	Mevinphos	3.0000	3.0125	0.4	15.0	
4	Chlormefos	3.0000	2.7879	7.1	15.0	
5	Thionazin	3.0000	2.9596	1.3	15.0	
6	Demeton-O	0.9750	0.9278	4.8	15.0	
7	Ethoprop	3.0000	2.8961	3.5	15.0	
8	Naled	3.0000	3.0574	1.9	15.0	
9	Sulfotepp	3.0000	3.0223	0.7	15.0	
10	Phorate	3.0000	2.9926	0.2	15.0	
11	Dimethoate	3.0000	3.0085	0.3	15.0	
12	Demeton-S	2.0400	2.4547	20.3	15.0	<-
13	Simazine	3.0000	3.0267	0.9	15.0	
14	Atrazine	3.0000	2.9854	0.5	15.0	
15	propazine	3.0000	2.9986	0.0	15.0	
17	Disulfoton	3.0000	3.0245	0.8	15.0	
16	Diazinon	3.0000	2.7242	9.2	15.0	
18	Methyl Parathion	3.0000	3.0262	0.9	15.0	
19	Ronnel	3.0000	2.9794	0.7	15.0	
20	Malathion	3.0000	3.1262	4.2	15.0	
21	Fenthion	3.0000	3.0366	1.2	15.0	
22	Parathion	3.0000	3.0160	0.5	15.0	
23	Chlorpyrifos	3.0000	2.9344	2.2	15.0	
24	Trichloronate	3.0000	3.0033	0.1	15.0	
25	Anilazine	3.0000	3.0359	1.2	15.0	
148	Merphos-A (Merphos)	3.0000	2.9498	1.7	999.0	
26	Tetrachlorvinphos (Stirophos)	3.0000	2.9549	1.5	15.0	
28	Tokuthion	3.0000	3.0365	1.2	15.0	
149	Merphos-B (Merphos Oxone)	3.0000	2.2946	23.5	999.0	
29	Carbophenothion-methyl	3.0000	2.9308	2.3	15.0	
29	Fensulfothion	3.0000	2.9992	0.0	15.0	
30	Bolstar / Famphur	6.0000	7.2483	20.8	15.0	<-
32	Carbophenothion	3.0000	3.0304	1.0	15.0	
31	Triphenyl phosphate	3.0000	3.0967	3.2	15.0	
34	Phosmet	3.0000	4.1916	39.7	15.0	<-
32	EPN	3.0000	2.9730	0.9	15.0	
33	Azinphos-methyl	3.0000	2.9802	0.7	15.0	
38	Azinphos-ethyl	3.0000	3.0463	1.5	15.0	
36	Coumaphos	3.0000	3.6741	22.5	15.0	<-

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/005F0501.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

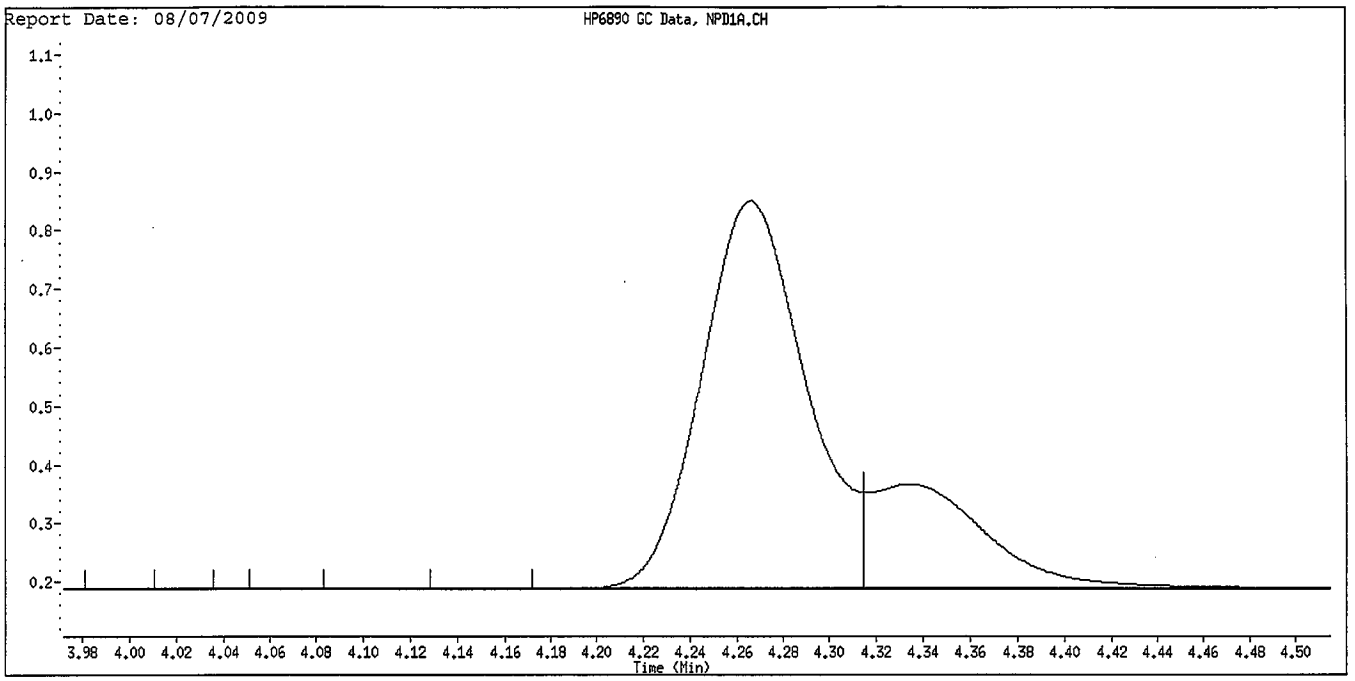
Instrument ID: GC_D.i
Lab File ID: 005F0501.D
Analysis Type: NONE

Injection Date: 06-AUG-2009 16:08
Lab Sample ID: 8141 L5 GSV87109
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

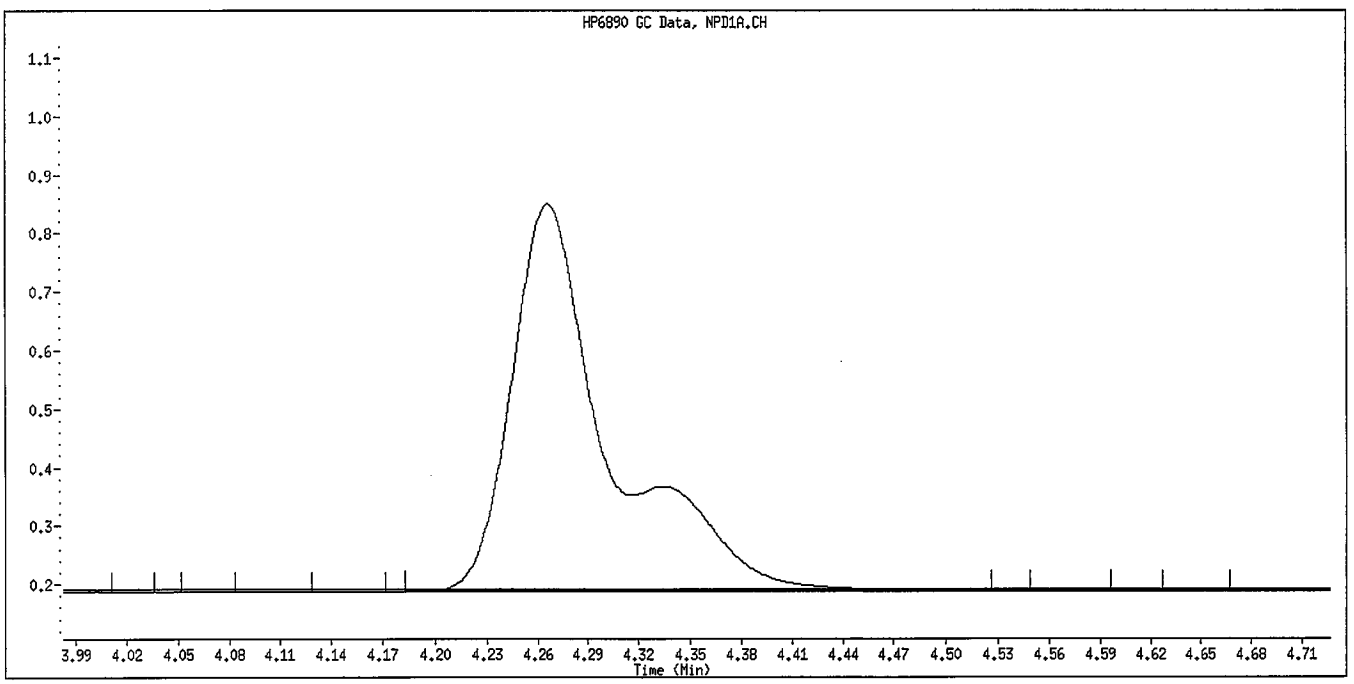
COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
40 Total Demeton	3.0000	3.3824	12.7	15.0
27 Merphos	3.0000	2.9860	0.5	15.0

Average %D = 5.05

Data File Name: 005F0501.D
Inj. Date and Time: 06-AUG-2009 16:08
Instrument ID: GC_D.i
Client ID: 8141 L5 GSV87109
Compound Name: o,o,o-TEPT
CAS #:



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\006F0601.D
Lab Smp Id: 8141 L4 GSV87209 Client Smp ID: 8141 L4 GSV87209
Inj Date : 06-AUG-2009 16:45
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L4 GSV87209
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Meth Date : 07-Aug-2009 13:45 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 16:08 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	4.266	4.267	(0.311)	1806303	2.00000	2.027(M)
	2 Dichlorvos	5.871	5.865	(0.428)	806939	2.00000	2.062
	3 Mevinphos	9.425	9.407	(0.687)	356823	2.00000	2.037
$	4 Chlormefos	9.504	9.502	(0.693)	1500556	2.00000	2.093
	5 Thionazin	12.627	12.625	(0.920)	1140983	2.00000	2.130
	6 Demeton-O	12.879	12.876	(0.939)	301922	0.65000	0.6820
	7 Ethoprop	13.210	13.205	(0.963)	1004283	2.00000	2.091
	8 Naled	13.485	13.482	(0.983)	361004	2.00000	2.035
*	9 Tributylphosphate	13.719	13.714	(1.000)	930125	2.00000	
	10 Sulfotepp	14.145	14.143	(1.031)	1569936	2.00000	2.156
	11 Phorate	14.230	14.227	(1.037)	996323	2.00000	2.078
	12 Dimethoate	14.429	14.416	(1.052)	877602	2.00000	2.064
	13 Demeton-S	14.688	14.682	(1.071)	598857	1.36000	1.512
	14 Simazine	14.790	14.783	(1.078)	313833	2.00000	1.928
	15 Atrazine	15.002	14.997	(1.094)	417568	2.00000	2.030
	16 propazine	15.182	15.178	(1.107)	426561	2.00000	2.081
	17 Disulfoton	15.867	15.866	(0.586)	956556	2.00000	2.118
	18 Diazinon	15.935	15.934	(0.589)	1016692	2.00000	2.083
	19 Methyl Parathion	16.834	16.829	(0.622)	727074	2.00000	2.071
	20 Ronnel	17.457	17.456	(0.645)	776395	2.00000	2.100
	21 Malathion	18.136	18.134	(0.670)	702019	2.00000	2.177
	22 Fenthion	18.286	18.284	(0.675)	790291	2.00000	2.100
	23 Parathion	18.393	18.392	(0.679)	780379	2.00000	2.077
	24 Chlorpyrifos	18.453	18.451	(0.681)	926482	2.00000	2.031
	25 Trichloronate	18.960	18.958	(0.700)	943008	2.00000	2.052
	26 Anilazine	19.355	19.345	(0.715)	62364	2.00000	1.901
	27 Merphos-A (Merphos)	19.804	19.804	(0.731)	619861	2.00000	2.063
	28 Tetrachlorvinphos (Stirophos)	20.534	20.532	(0.758)	510754	2.00000	2.008
	29 Tokuthion	21.280	21.278	(0.786)	908087	2.00000	2.078
	30 Merphos-B (Merphos Oxone)	21.536	21.536	(0.795)	271041	2.00000	1.998
	31 Carbophenothion-methyl	22.260	22.254	(0.822)	618555	2.00000	2.065
	32 Fensulfothion	22.489	22.465	(0.831)	563535	2.00000	2.116
	33 Bolstar / Famphur	23.631	23.627	(0.873)	1568236	4.00000	4.180

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	23.954	23.947	(0.885)	730586	2.00000	2.066
$	35 Triphenyl phosphate	25.274	25.270	(0.933)	612613	2.00000	2.179(A)
	36 Phosmet	25.779	25.769	(0.952)	595984	2.00000	2.091
	37 EPN	26.101	26.097	(0.964)	776730	2.00000	2.135
	38 Azinphos-methyl	26.591	26.584	(0.982)	545683	2.00000	2.042
*	39 TOCP	27.078	27.076	(1.000)	644188	2.00000	
	40 Azinphos-ethyl	27.175	27.172	(1.004)	673342	2.00000	2.011
	41 Coumaphos	27.700	27.694	(1.023)	569489	2.00000	2.058
M	42 Total Demeton				900779	2.00000	2.194
M	43 Merphos				890902	2.00000	2.094

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_D.i
Lab File ID: 006F0601.D
Lab Smp Id: 8141 L4 GSV87209
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Misc Info:

Calibration Date: 07-AUG-2009
Calibration Time: 06:42
Client Smp ID: 8141 L4 GSV8720
Level:
Sample Type:

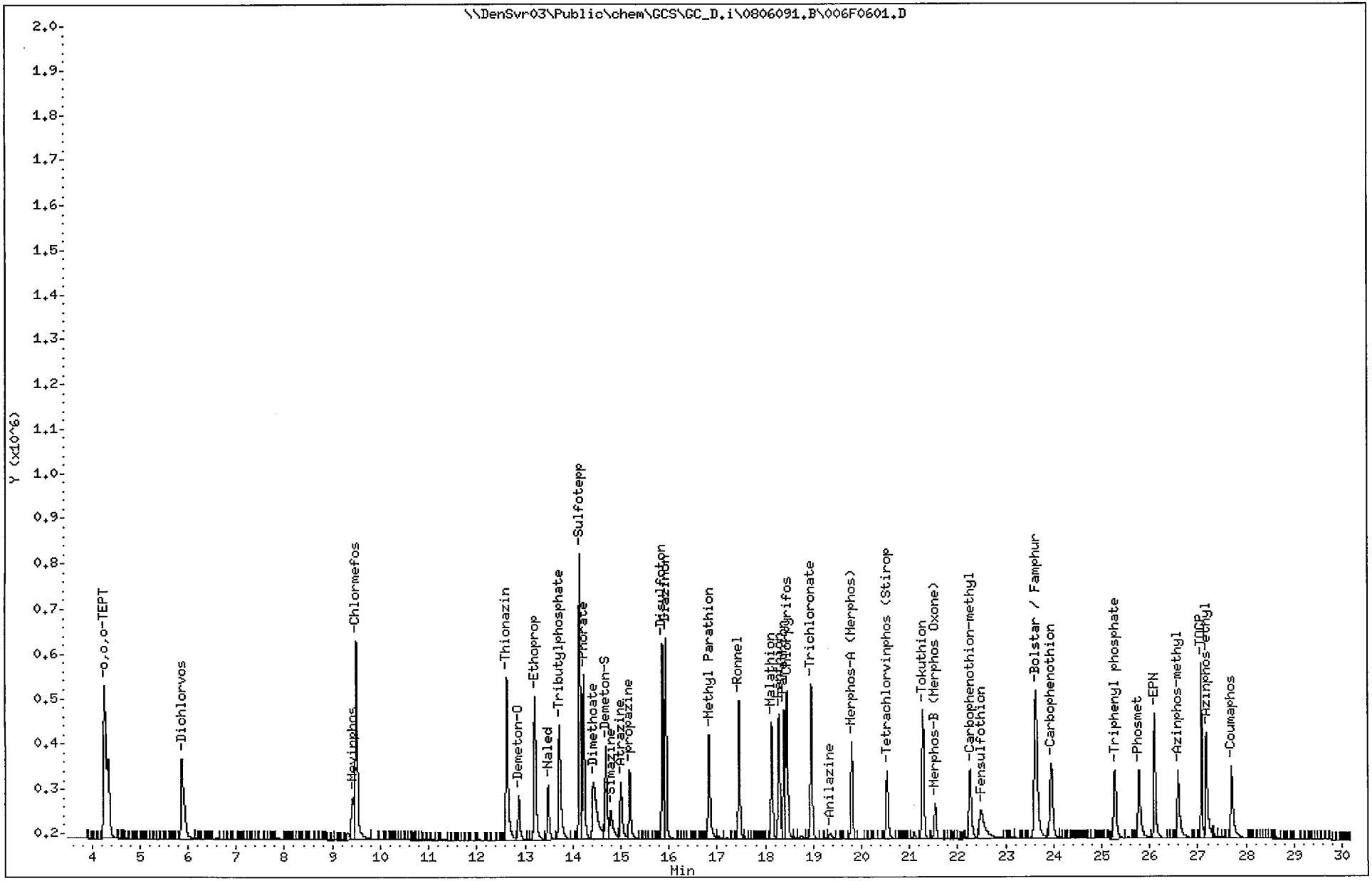
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	1034306	517153	2068612	930125	-10.07
39 TOCP	695324	347662	1390648	644188	-7.35

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.70	13.20	14.20	13.72	0.15
39 TOCP	27.08	26.58	27.58	27.08	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_D.i\0806091.B\006F0601.D
Date : 06-AUG-2009 16:45
Client ID: 8141 L4 GSV87209
Sample Info: 8141 L4 GSV87209

Instrument: GC_D.i
Operator: MPK/TLW
Column phase: RTx-1MS
Column diameter: 0.32



Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/006F0601.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 006F0601.D
Analysis Type: NONE

Injection Date: 06-AUG-2009 16:45
Lab Sample ID: 8141 L4 GSV87209
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	3.0000	1.9938	33.5	15.0	<-
2	Dichlorvos	3.0000	2.0526	31.6	15.0	<-
3	Mevinphos	3.0000	2.0152	32.8	15.0	<-
4	Chlormefos	3.0000	2.0593	31.4	15.0	<-
5	Thionazin	3.0000	2.1200	29.3	15.0	<-
6	Demeton-O	0.9750	0.6516	33.2	15.0	<-
7	Ethoprop	3.0000	2.0852	30.5	15.0	<-
8	Naled	3.0000	2.0194	32.7	15.0	<-
9	Sulfotepp	3.0000	2.1590	28.0	15.0	<-
10	Phorate	3.0000	2.1074	29.8	15.0	<-
11	Dimethoate	3.0000	2.0394	32.0	15.0	<-
12	Demeton-S	2.0400	1.7726	13.1	15.0	
13	Simazine	3.0000	2.1187	29.4	15.0	<-
14	Atrazine	3.0000	2.0503	31.7	15.0	<-
15	propazine	3.0000	2.0478	31.7	15.0	<-
17	Disulfoton	3.0000	2.1468	28.4	15.0	<-
16	Diazinon	3.0000	1.9214	36.0	15.0	<-
18	Methyl Parathion	3.0000	2.0960	30.1	15.0	<-
19	Ronnel	3.0000	2.0156	32.8	15.0	<-
20	Malathion	3.0000	2.1763	27.5	15.0	<-
21	Fenthion	3.0000	2.0998	30.0	15.0	<-
22	Parathion	3.0000	2.0692	31.0	15.0	<-
23	Chlorpyrifos	3.0000	1.9760	34.1	15.0	<-
24	Trichloronate	3.0000	2.0310	32.3	15.0	<-
25	Anilazine	3.0000	2.0249	32.5	15.0	<-
148	Merphos-A (Merphos)	3.0000	1.9887	33.7	999.0	
26	Tetrachlorvinphos (Stirophos)	3.0000	2.0099	33.0	15.0	<-
28	Tokuthion	3.0000	2.0766	30.8	15.0	<-
149	Merphos-B (Merphos Oxone)	3.0000	1.7700	41.0	999.0	
29	Carbophenothion-methyl	3.0000	2.0367	32.1	15.0	<-
29	Fensulfothion	3.0000	2.1116	29.6	15.0	<-
30	Bolstar / Famphur	6.0000	4.9812	17.0	15.0	<-
32	Carbophenothion	3.0000	2.0681	31.1	15.0	<-
31	Triphenyl phosphate	3.0000	2.1787	27.4	15.0	<-
34	Phosmet	3.0000	2.8772	4.1	15.0	
32	EPN	3.0000	2.1359	28.8	15.0	<-
33	Azinphos-methyl	3.0000	2.0652	31.2	15.0	<-
38	Azinphos-ethyl	3.0000	2.0564	31.5	15.0	<-
36	Coumaphos	3.0000	2.4739	17.5	15.0	<-

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/006F0601.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

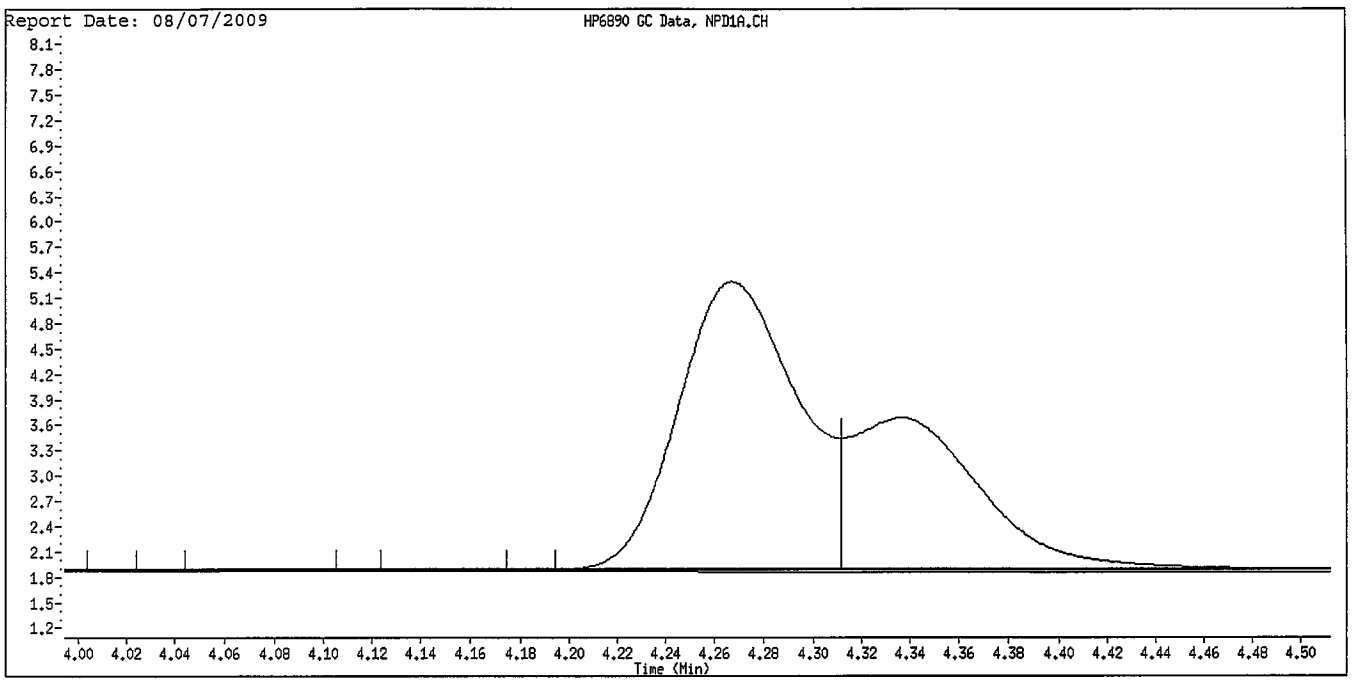
Instrument ID: GC_D.i
Lab File ID: 006F0601.D
Analysis Type: NONE

Injection Date: 06-AUG-2009 16:45
Lab Sample ID: 8141 L4 GSV87209
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

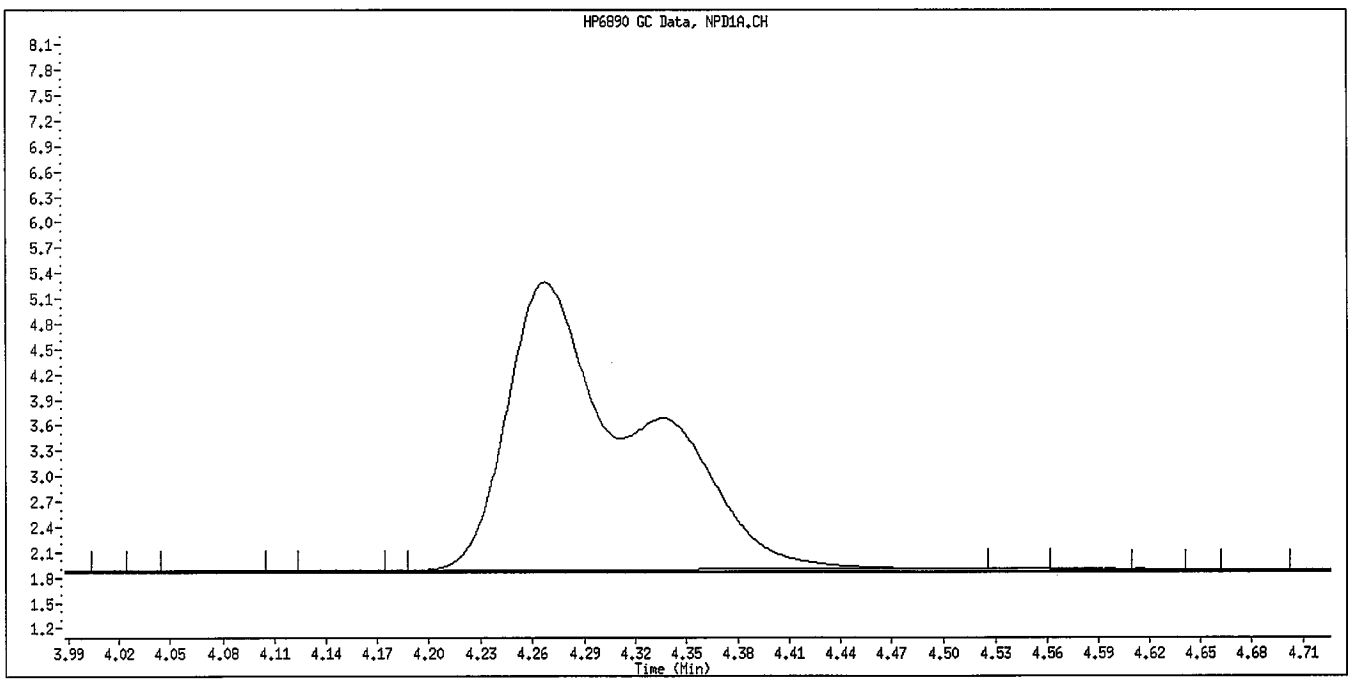
COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
40 Total Demeton	3.0000	2.4243	19.2	15.0	<-
27 Merphos	3.0000	2.0898	30.3	15.0	<-

Average %D = 29.4

Data File Name: 006F0601.D
Inj. Date and Time: 06-AUG-2009 16:45
Instrument ID: GC_D.i
Client ID: 8141 L4 GSV87209
Compound Name: o,o,o-TEPT
CAS #:



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\007F0701.D
Lab Smp Id: 8141 L3 GSV87309 Client Smp ID: 8141 L3 GSV87309
Inj Date : 06-AUG-2009 17:21
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L3 GSV87309
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Meth Date : 07-Aug-2009 13:45 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 16:45 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	4.266	4.267	(0.311)	908197	1.00000	0.9830(M)
	2 Dichlorvos	5.871	5.865	(0.428)	383146	1.00000	0.9976
	3 Mevinphos	9.426	9.407	(0.687)	111446	1.00000	0.9222
$	4 Chlormefos	9.501	9.502	(0.692)	746730	1.00000	1.062
	5 Thionazin	12.631	12.625	(0.920)	544011	1.00000	1.070
	6 Demeton-O	12.879	12.876	(0.938)	157798	0.32500	0.3542
	7 Ethoprop	13.218	13.205	(0.963)	491981	1.00000	1.088
	8 Naled	13.491	13.482	(0.983)	162318	1.00000	1.037
*	9 Tributylphosphate	13.726	13.714	(1.000)	912600	2.00000	
	10 Sulfotepp	14.145	14.143	(1.030)	756152	1.00000	1.058
	11 Phorate	14.230	14.227	(1.037)	520383	1.00000	1.106
	12 Dimethoate	14.479	14.416	(1.055)	356039	1.00000	1.061
	13 Demeton-S	14.703	14.682	(1.071)	285098	0.68000	0.7421
	14 Simazine	14.806	14.783	(1.079)	174622	1.00000	1.104
	15 Atrazine	15.012	14.997	(1.094)	206785	1.00000	1.120
	16 propazine	15.190	15.178	(1.107)	215077	1.00000	1.069
	17 Disulfoton	15.870	15.866	(0.586)	445811	1.00000	1.059
	18 Diazinon	15.940	15.934	(0.589)	519628	1.00000	1.045
	19 Methyl Parathion	16.843	16.829	(0.622)	334656	1.00000	1.019
	20 Ronnel	17.463	17.456	(0.645)	356993	1.00000	0.9943
	21 Malathion	18.142	18.134	(0.670)	337515	1.00000	1.077
	22 Fenthion	18.292	18.284	(0.675)	363139	1.00000	1.025
	23 Parathion	18.402	18.392	(0.680)	333400	1.00000	1.015
	24 Chlorpyrifos	18.453	18.451	(0.681)	506108	1.00000	1.046
	25 Trichloronate	18.963	18.958	(0.700)	440136	1.00000	0.9860
	26 Anilazine	19.375	19.345	(0.715)	23197	1.00000	0.9765
	27 Merphos-A (Merphos)	19.806	19.804	(0.731)	274971	1.00000	0.9986
	28 Tetrachlorvinphos (Stirophos)	20.544	20.532	(0.759)	229899	1.00000	0.9789
	29 Tokuthion	21.287	21.278	(0.786)	431780	1.00000	1.017
	30 Merphos-B (Merphos Oxone)	21.546	21.536	(0.796)	159629	1.00000	0.9349
	31 Carbophenothion-methyl	22.274	22.254	(0.823)	280480	1.00000	1.017
	32 Fensulfothion	22.535	22.465	(0.832)	214899	1.00000	1.015
	33 Bolstar / Famphur	23.638	23.627	(0.873)	741469	2.00000	2.093

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	23.958	23.947	(0.885)	360929	1.00000	1.051
$	35 Triphenyl phosphate	25.290	25.270	(0.934)	294744	1.00000	1.079
	36 Phosmet	25.796	25.769	(0.953)	268843	1.00000	1.029
	37 EPN	26.110	26.097	(0.964)	382286	1.00000	1.082
	38 Azinphos-methyl	26.602	26.584	(0.982)	233826	1.00000	0.9852
*	39 TOCP	27.080	27.076	(1.000)	625742	2.00000	
	40 Azinphos-ethyl	27.185	27.172	(1.004)	334585	1.00000	1.029
	41 Coumaphos	27.712	27.694	(1.023)	261325	1.00000	1.011
M	42 Total Demeton				442896	1.00000	1.096
M	43 Merphos				434600	1.00000	1.052

QC Flag Legend

M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D.i
Lab File ID: 007F0701.D
Lab Smp Id: 8141 L3 GSV87309
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Misc Info:

Calibration Date: 07-AUG-2009
Calibration Time: 06:42
Client Smp ID: 8141 L3 GSV8730
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	1034306	517153	2068612	912600	-11.77
39 TOCP	695324	347662	1390648	625742	-10.01

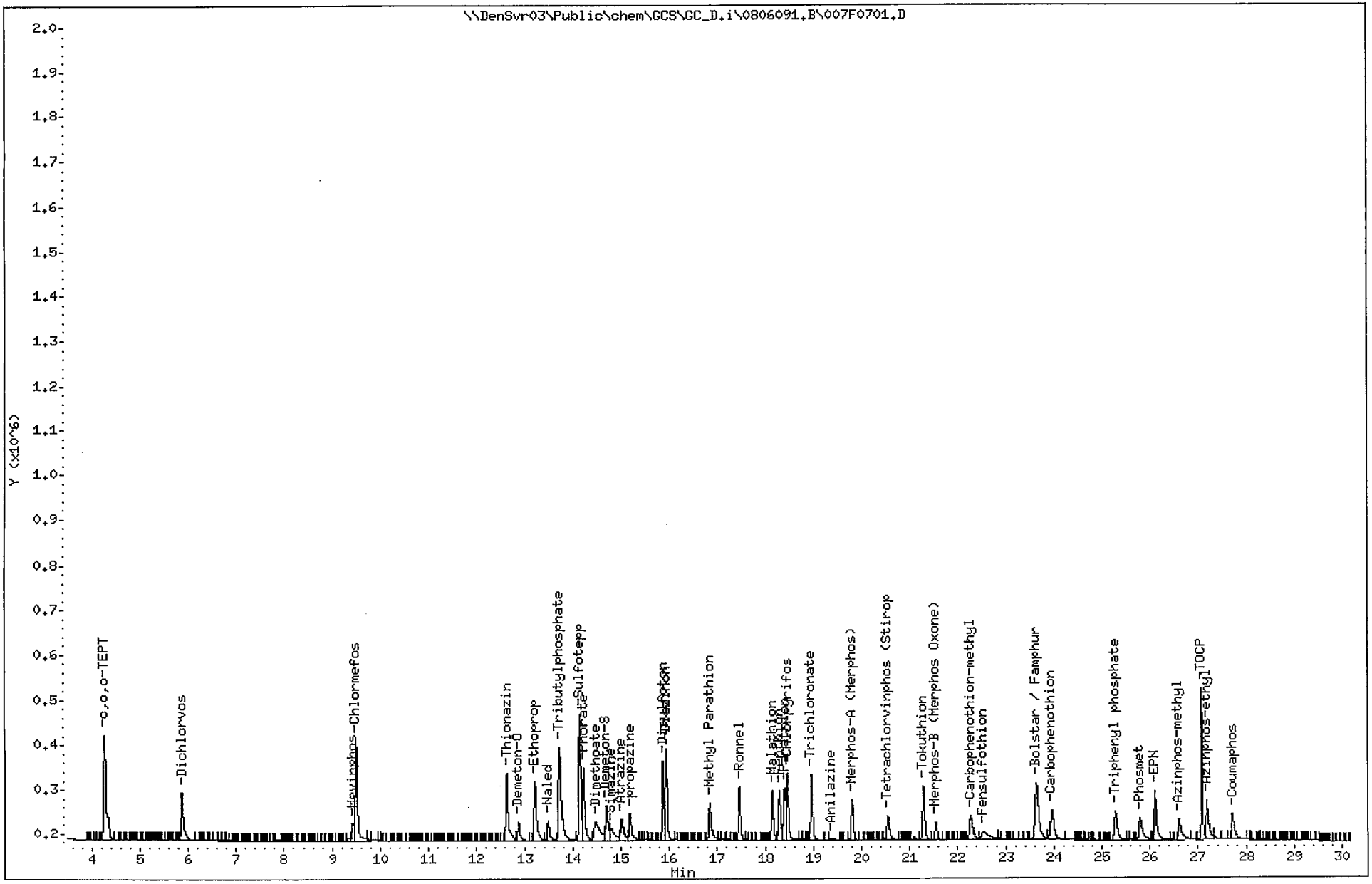
COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.70	13.20	14.20	13.73	0.20
39 TOCP	27.08	26.58	27.58	27.08	0.01

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_D.i\0806091.B\007F0701.D
Date : 06-AUG-2009 17:21
Client ID: 8141 L3 GSV87309
Sample Info: 8141 L3 GSV87309

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

Column phase: RTx-1MS



Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/007F0701.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 007F0701.D
Analysis Type: NONE

Injection Date: 06-AUG-2009 17:21
Lab Sample ID: 8141 L3 GSV87309
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	3.0000	1.0210	66.0	15.0	<-
2	Dichlorvos	3.0000	0.9935	66.9	15.0	<-
3	Mevinphos	3.0000	0.8088	73.0	15.0	<-
4	Chlormefos	3.0000	1.0451	65.2	15.0	<-
5	Thionazin	3.0000	1.0649	64.5	15.0	<-
6	Demeton-O	0.9750	0.3464	64.5	15.0	<-
7	Ethoprop	3.0000	1.0846	63.8	15.0	<-
8	Naled	3.0000	1.0092	66.4	15.0	<-
9	Sulfotepp	3.0000	1.0593	64.7	15.0	<-
10	Phorate	3.0000	1.0691	64.4	15.0	<-
11	Dimethoate	3.0000	0.9789	67.4	15.0	<-
12	Demeton-S	2.0400	0.8594	57.9	15.0	<-
13	Simazine	3.0000	1.2619	57.9	15.0	<-
14	Atrazine	3.0000	1.1022	63.3	15.0	<-
15	propazine	3.0000	1.0880	63.7	15.0	<-
17	Disulfoton	3.0000	1.0668	64.4	15.0	<-
16	Diazinon	3.0000	1.0123	66.3	15.0	<-
18	Methyl Parathion	3.0000	1.0577	64.7	15.0	<-
19	Ronnel	3.0000	0.9790	67.4	15.0	<-
20	Malathion	3.0000	1.0769	64.1	15.0	<-
21	Fenthion	3.0000	1.0244	65.9	15.0	<-
22	Parathion	3.0000	0.9861	67.1	15.0	<-
23	Chlorpyrifos	3.0000	0.9598	68.0	15.0	<-
24	Trichloronate	3.0000	0.9814	67.3	15.0	<-
25	Anilazine	3.0000	0.9337	68.9	15.0	<-
148	Merphos-A (Merphos)	3.0000	0.9686	67.7	999.0	
26	Tetrachlorvinphos (Stirophos)	3.0000	1.0308	65.6	15.0	<-
28	Tokuthion	3.0000	1.0171	66.1	15.0	<-
149	Merphos-B (Merphos Oxone)	3.0000	1.0771	64.1	999.0	
29	Carbophenothion-methyl	3.0000	1.0574	64.8	15.0	<-
29	Fensulfothion	3.0000	0.9968	66.8	15.0	<-
30	Bolstar / Famphur	6.0000	2.4229	59.6	15.0	<-
32	Carbophenothion	3.0000	1.0500	65.0	15.0	<-
31	Triphenyl phosphate	3.0000	1.0793	64.0	15.0	<-
34	Phosmet	3.0000	1.3381	55.4	15.0	<-
32	EPN	3.0000	1.0834	63.9	15.0	<-
33	Azinphos-methyl	3.0000	1.0322	65.6	15.0	<-
38	Azinphos-ethyl	3.0000	1.0390	65.4	15.0	<-
36	Coumaphos	3.0000	1.1700	61.0	15.0	<-

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/007F0701.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

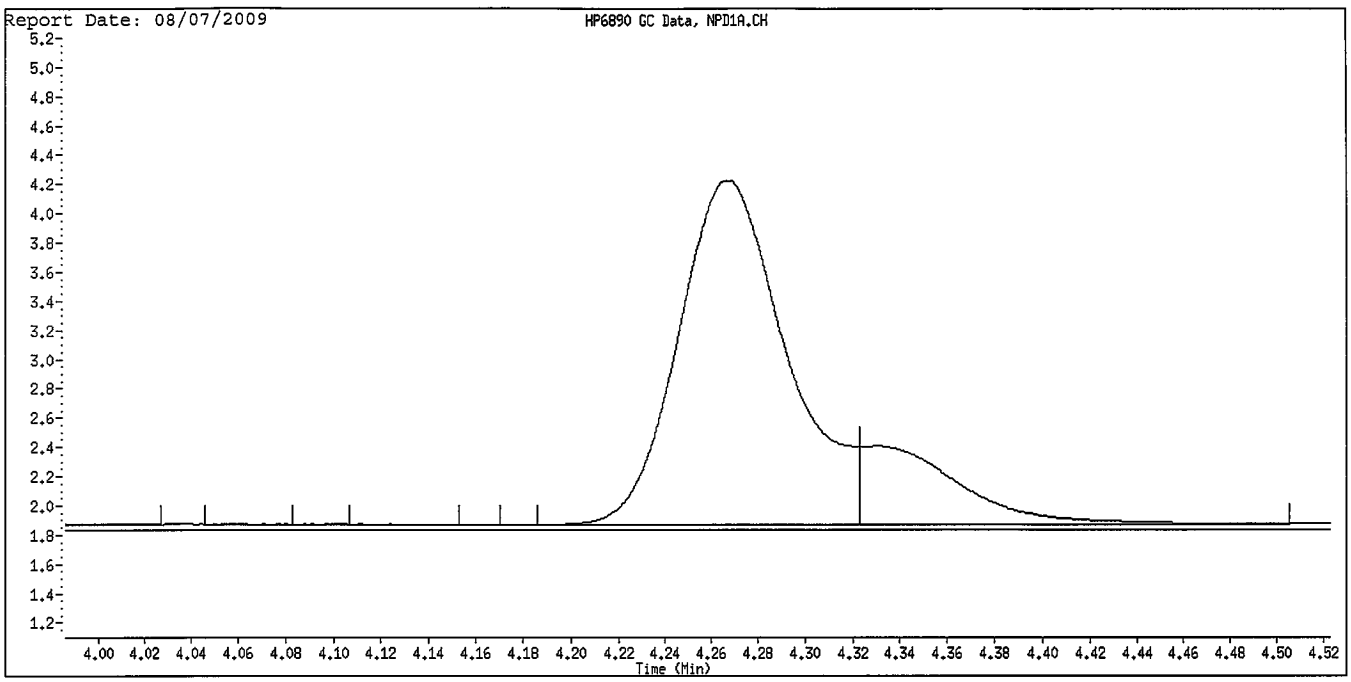
Instrument ID: GC_D.i
Lab File ID: 007F0701.D
Analysis Type: NONE

Injection Date: 06-AUG-2009 17:21
Lab Sample ID: 8141 L3 GSV87309
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

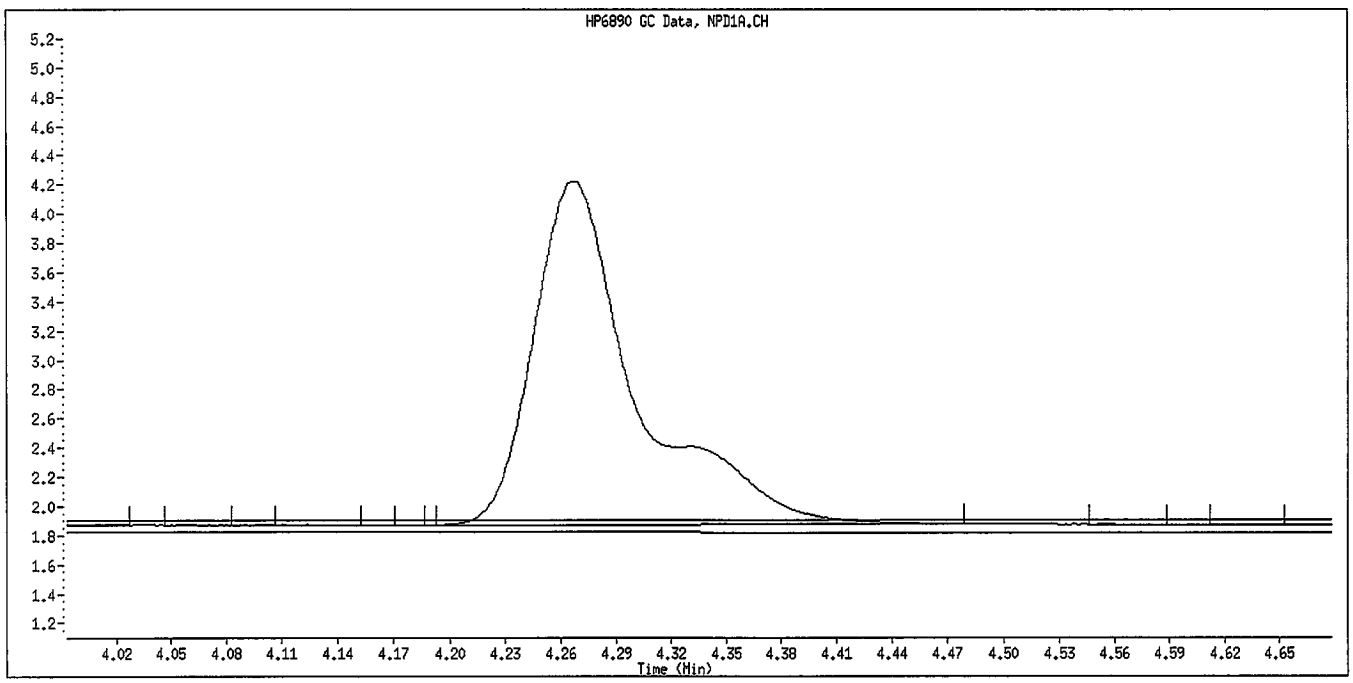
COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
40 Total Demeton	3.0000	1.2058	59.8	15.0	<-
27 Merphos	3.0000	1.0508	65.0	15.0	<-

Average %D = 64.7

Data File Name: 007F0701.D
Inj. Date and Time: 06-AUG-2009 17:21
Instrument ID: GC_D.i
Client ID: 8141 L3 GSV87309
Compound Name: o,o,o-TEPT
CAS #:



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\008F0801.D
Lab Smp Id: 8141 L2 GSV87409 Client Smp ID: 8141 L2 GSV87409
Inj Date : 06-AUG-2009 17:58
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L2 GSV87409
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Meth Date : 07-Aug-2009 13:45 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 17:21 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	4.269	4.267	(0.311)	420455	0.50000	0.4867
	2 Dichlorvos	5.877	5.865	(0.428)	170191	0.50000	0.4895
	3 Mevinphos	9.457	9.407	(0.688)	31592	0.50000	0.5647 (M)
$	4 Chlormefos	9.500	9.502	(0.692)	320391	0.50000	0.5030 (M)
	5 Thionazin	12.635	12.625	(0.920)	194202	0.50000	0.4628
	6 Demeton-O	12.879	12.876	(0.938)	63511	0.16250	0.1466
	7 Ethoprop	13.227	13.205	(0.963)	199533	0.50000	0.5361
	8 Naled	13.501	13.482	(0.983)	41661	0.50000	0.4198
*	9 Tributylphosphate	13.737	13.714	(1.000)	826235	2.00000	
	10 Sulfotepp	14.148	14.143	(1.030)	298517	0.50000	0.4615
	11 Phorate	14.231	14.227	(1.036)	197124	0.50000	0.4628 (M)
	12 Dimethoate	14.585	14.416	(1.062)	59892	0.50000	0.4848 (M)
	13 Demeton-S	14.721	14.682	(1.072)	101878	0.34000	0.3027
	14 Simazine	14.825	14.783	(1.079)	48256	0.50000	0.4620
	15 Atrazine	15.038	14.997	(1.095)	56963	0.50000	0.4745
	16 propazine	15.207	15.178	(1.107)	73519	0.50000	0.4037
	17 Disulfoton	15.877	15.866	(0.586)	167271	0.50000	0.4726
	18 Diazinon	15.946	15.934	(0.589)	248611	0.50000	0.4801
	19 Methyl Parathion	16.864	16.829	(0.623)	137375	0.50000	0.4864
	20 Ronnel	17.474	17.456	(0.645)	149779	0.50000	0.4441
	21 Malathion	18.154	18.134	(0.670)	134273	0.50000	0.4564
	22 Fenthion	18.305	18.284	(0.676)	134570	0.50000	0.4405
	23 Parathion	18.434	18.392	(0.681)	117278	0.50000	0.4936 (M)
	24 Chlorpyrifos	18.462	18.451	(0.682)	265889	0.50000	0.4890 (M)
	25 Trichloronate	18.973	18.958	(0.701)	189950	0.50000	0.4531
	26 Anilazine	19.389	19.345	(0.716)	937	0.50000	0.4274
	27 Merphos-A (Merphos)	19.814	19.804	(0.732)	102703	0.50000	0.4597
	28 Tetrachlorvinphos (Stirophos)	20.572	20.532	(0.760)	86949	0.50000	0.4483
	29 Tokuthion	21.301	21.278	(0.787)	180045	0.50000	0.4515
	30 Merphos-B (Merphos Oxone)	21.559	21.536	(0.796)	78157	0.50000	0.4227
	31 Carbophenothion-methyl	22.303	22.254	(0.824)	99151	0.50000	0.4450
	32 Fensulfothion	22.660	22.465	(0.837)	53776	0.50000	0.4927 (M)
	33 Bolstar / Famphur	23.664	23.627	(0.874)	282731	1.00000	0.9177

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	23.989	23.947	(0.886)	152218	0.50000	0.4718
$	35 Triphenyl phosphate	25.306	25.270	(0.934)	120436	0.50000	0.4696
	36 Phosmet	25.828	25.769	(0.954)	91979	0.50000	0.4436 (M)
	37 EPN	26.119	26.097	(0.964)	166326	0.50000	0.5011
	38 Azinphos-methyl	26.630	26.584	(0.983)	73949	0.50000	0.4321 (M)
*	39 TOCP	27.083	27.076	(1.000)	587714	2.00000	
	40 Azinphos-ethyl	27.199	27.172	(1.004)	136716	0.50000	0.4476
	41 Coumaphos	27.732	27.694	(1.024)	95853	0.50000	0.4391
M	42 Total Demeton				165389	0.50000	0.4493
M	43 Merphos				180860	0.50000	0.4659

QC Flag Legend

M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D.i
Lab File ID: 008F0801.D
Lab Smp Id: 8141 L2 GSV87409
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Misc Info:

Calibration Date: 07-AUG-2009
Calibration Time: 06:42
Client Smp ID: 8141 L2 GSV8740
Level:
Sample Type:

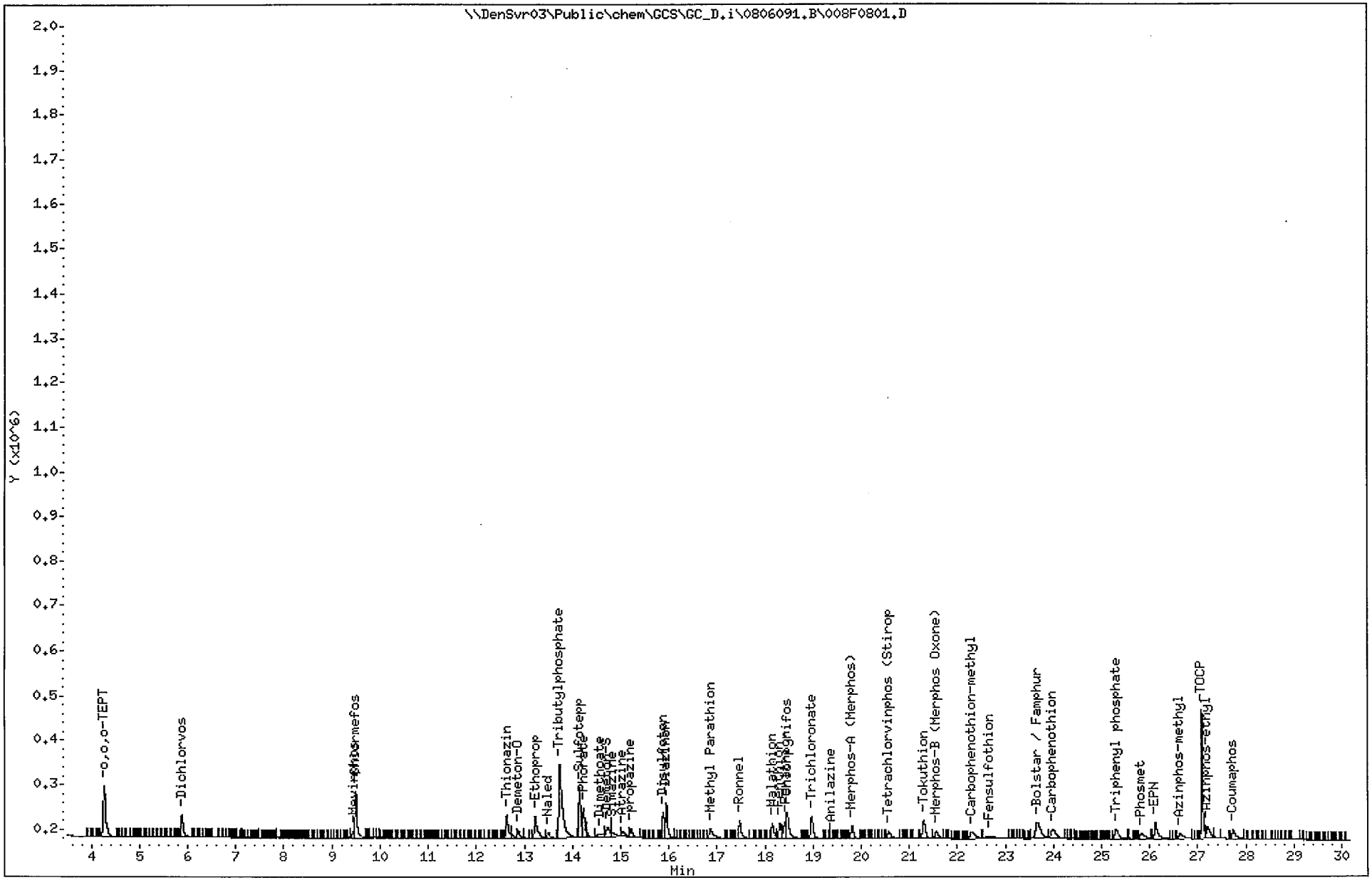
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	1034306	517153	2068612	826235	-20.12
39 TOCP	695324	347662	1390648	587714	-15.48

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.70	13.20	14.20	13.74	0.28
39 TOCP	27.08	26.58	27.58	27.08	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.

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\008F0801.D
Date : 06-AUG-2009 17:58
Client ID: 8141 L2 GSV87409
Sample Info: 8141 L2 GSV87409

Instrument: GC_D.i
Operator: MPK/TLW
Column phase: RTx-1MS
Column diameter: 0.32



Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/008F0801.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 008F0801.D
Analysis Type: NONE

Injection Date: 06-AUG-2009 17:58
Lab Sample ID: 8141 L2 GSV87409
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	3.0000	0.5224	82.6	15.0	<-
2	Dichlorvos	3.0000	0.4895	83.7	15.0	<-
3	Mevinphos	3.0000	0.4029	86.6	15.0	<-
4	Chlormefos	3.0000	0.5031	83.2	15.0	<-
5	Thionazin	3.0000	0.4628	84.6	15.0	<-
6	Demeton-O	0.9750	0.1544	84.2	15.0	<-
7	Ethoprop	3.0000	0.5361	82.1	15.0	<-
8	Naled	3.0000	0.3978	86.7	15.0	<-
9	Sulfotepp	3.0000	0.4615	84.6	15.0	<-
10	Phorate	3.0000	0.3876	87.1	15.0	<-
11	Dimethoate	3.0000	0.4615	84.6	15.0	<-
12	Demeton-S	2.0400	0.3345	83.6	15.0	<-
13	Simazine	3.0000	0.4714	84.3	15.0	<-
14	Atrazine	3.0000	0.4306	85.6	15.0	<-
15	propazine	3.0000	0.4543	84.9	15.0	<-
17	Disulfoton	3.0000	0.4683	84.4	15.0	<-
16	Diazinon	3.0000	0.5148	82.8	15.0	<-
18	Methyl Parathion	3.0000	0.5302	82.3	15.0	<-
19	Ronnel	3.0000	0.4635	84.6	15.0	<-
20	Malathion	3.0000	0.4564	84.8	15.0	<-
21	Fenthion	3.0000	0.4405	85.3	15.0	<-
22	Parathion	3.0000	0.4936	83.5	15.0	<-
23	Chlorpyrifos	3.0000	0.4548	84.8	15.0	<-
24	Trichloronate	3.0000	0.4588	84.7	15.0	<-
25	Anilazine	3.0000	0.3635	87.9	15.0	<-
148	Merphos-A (Merphos)	3.0000	0.4768	84.1	999.0	
26	Tetrachlorvinphos (Stirophos)	3.0000	0.5256	82.5	15.0	<-
28	Tokuthion	3.0000	0.4515	84.9	15.0	<-
149	Merphos-B (Merphos Oxone)	3.0000	0.5592	81.4	999.0	
29	Carbophenothion-methyl	3.0000	0.5189	82.7	15.0	<-
29	Fensulfothion	3.0000	0.4752	84.2	15.0	<-
30	Bolstar / Famphur	6.0000	0.9830	83.6	15.0	<-
32	Carbophenothion	3.0000	0.4707	84.3	15.0	<-
31	Triphenyl phosphate	3.0000	0.4696	84.3	15.0	<-
34	Phosmet	3.0000	0.4280	85.7	15.0	<-
32	EPN	3.0000	0.5011	83.3	15.0	<-
33	Azinphos-methyl	3.0000	0.4583	84.7	15.0	<-
38	Azinphos-ethyl	3.0000	0.4369	85.4	15.0	<-
36	Coumaphos	3.0000	0.4554	84.8	15.0	<-

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/008F0801.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

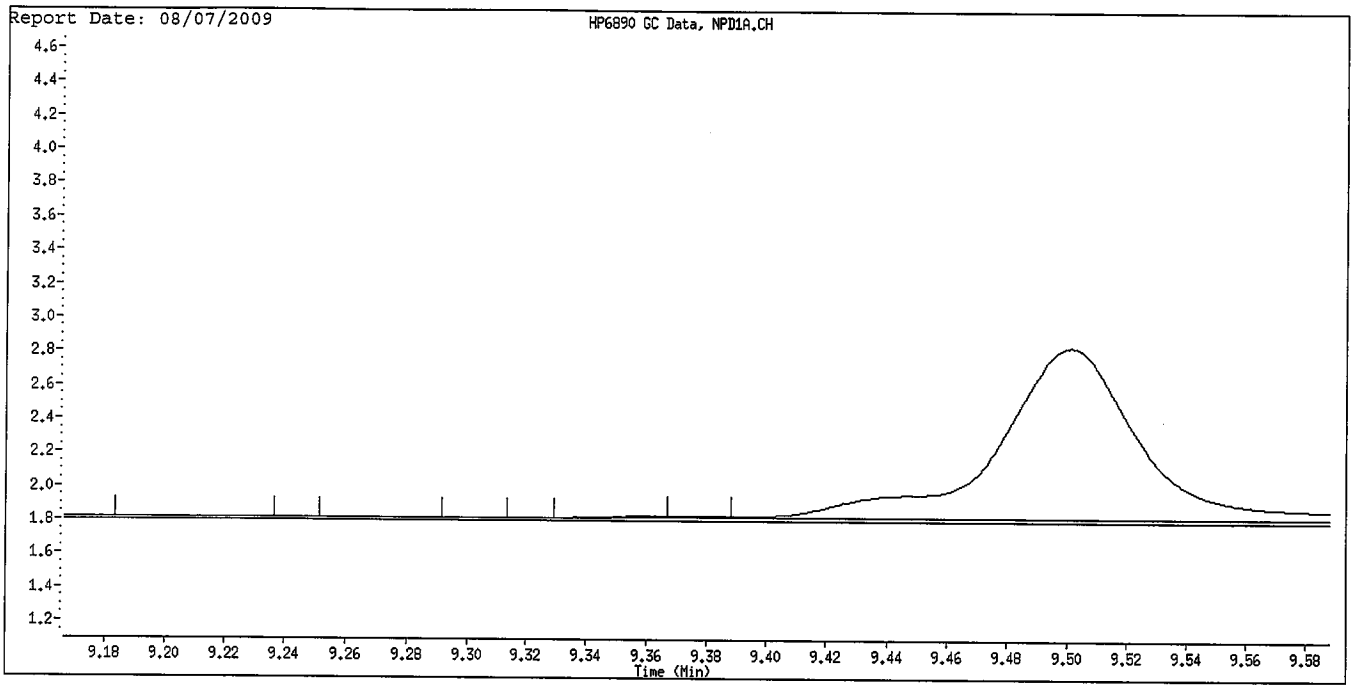
Instrument ID: GC_D.i
Lab File ID: 008F0801.D
Analysis Type: NONE

Injection Date: 06-AUG-2009 17:58
Lab Sample ID: 8141 L2 GSV87409
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

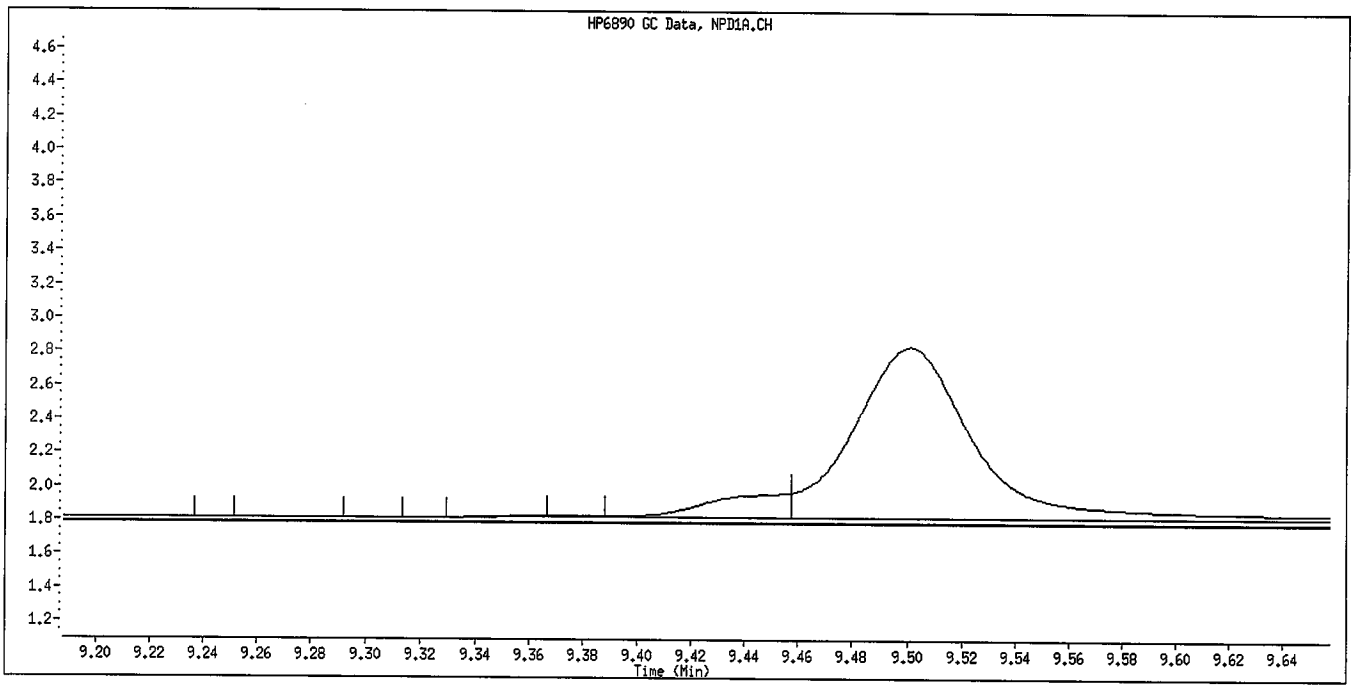
COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
40 Total Demeton	3.0000	0.4889	83.7	15.0	<-
27 Merphos	3.0000	0.4704	84.3	15.0	<-

Average %D = 84.3

Data File Name: 008F0801.D
Inj. Date and Time: 06-AUG-2009 17:58
Instrument ID: GC_D.i
Client ID: 8141 L2 GSV87409
Compound Name: Mevinphos
CAS #:



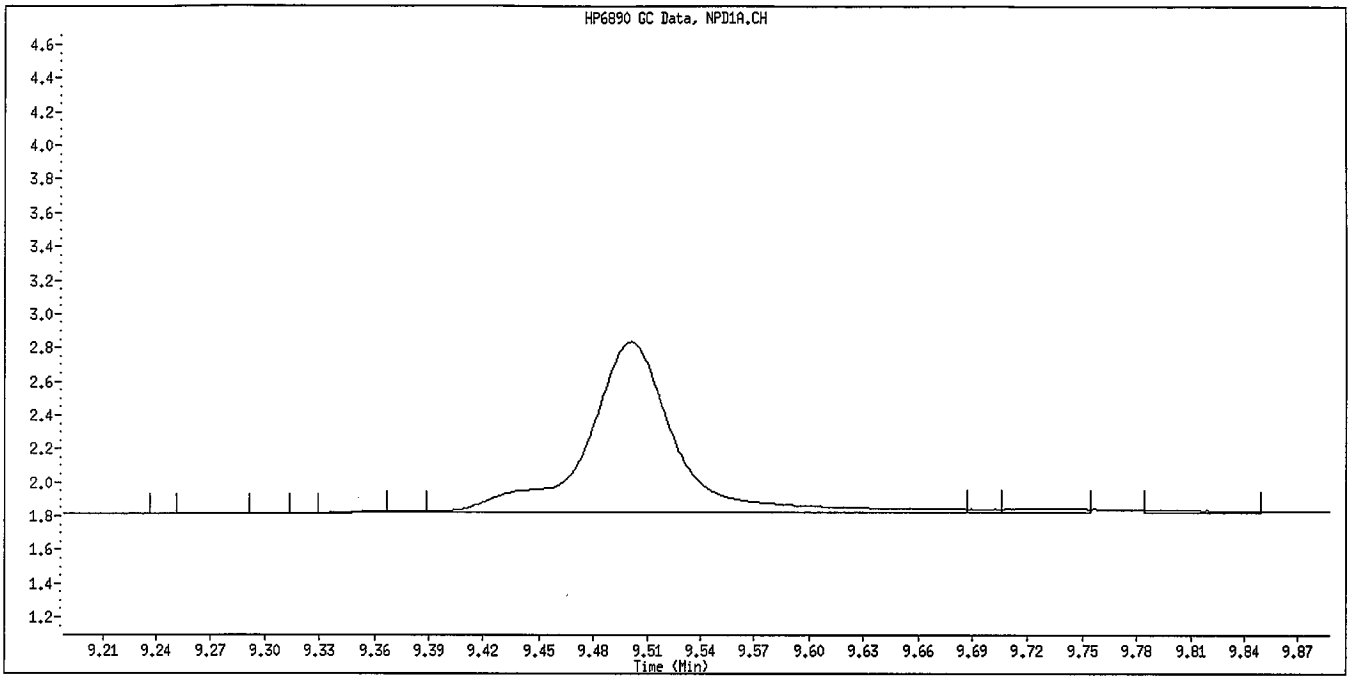
Original Integration



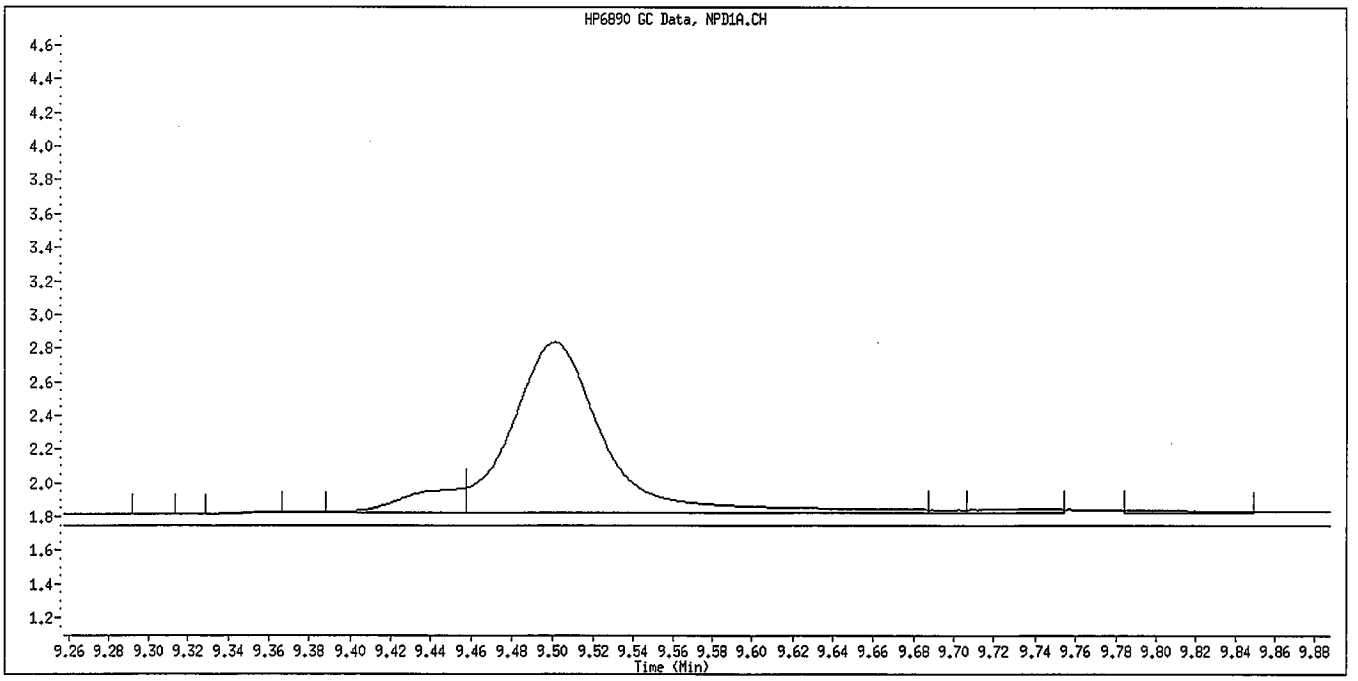
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 008F0801.D
Inj. Date and Time: 06-AUG-2009 17:58
Instrument ID: GC_D.i
Client ID: 8141 L2 GSV87409
Compound Name: Chlormefos
CAS #: 24934-91-6
Report Date: 08/07/2009



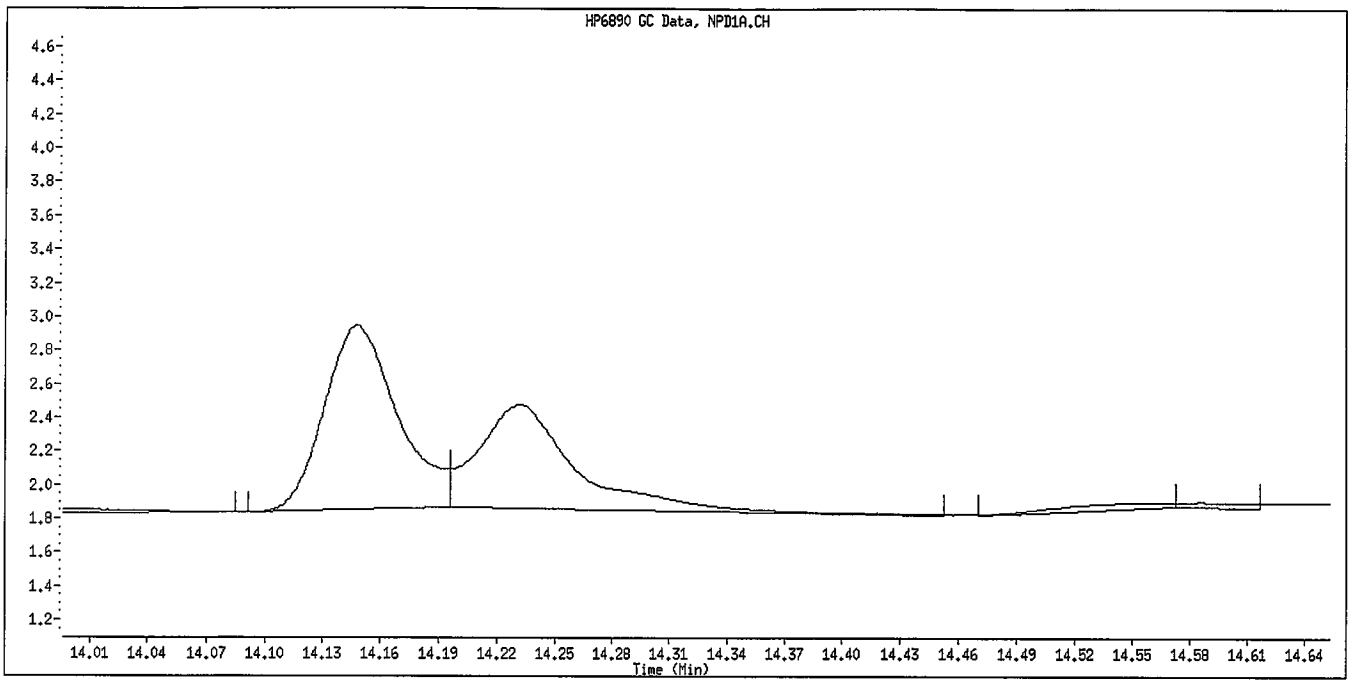
Original Integration



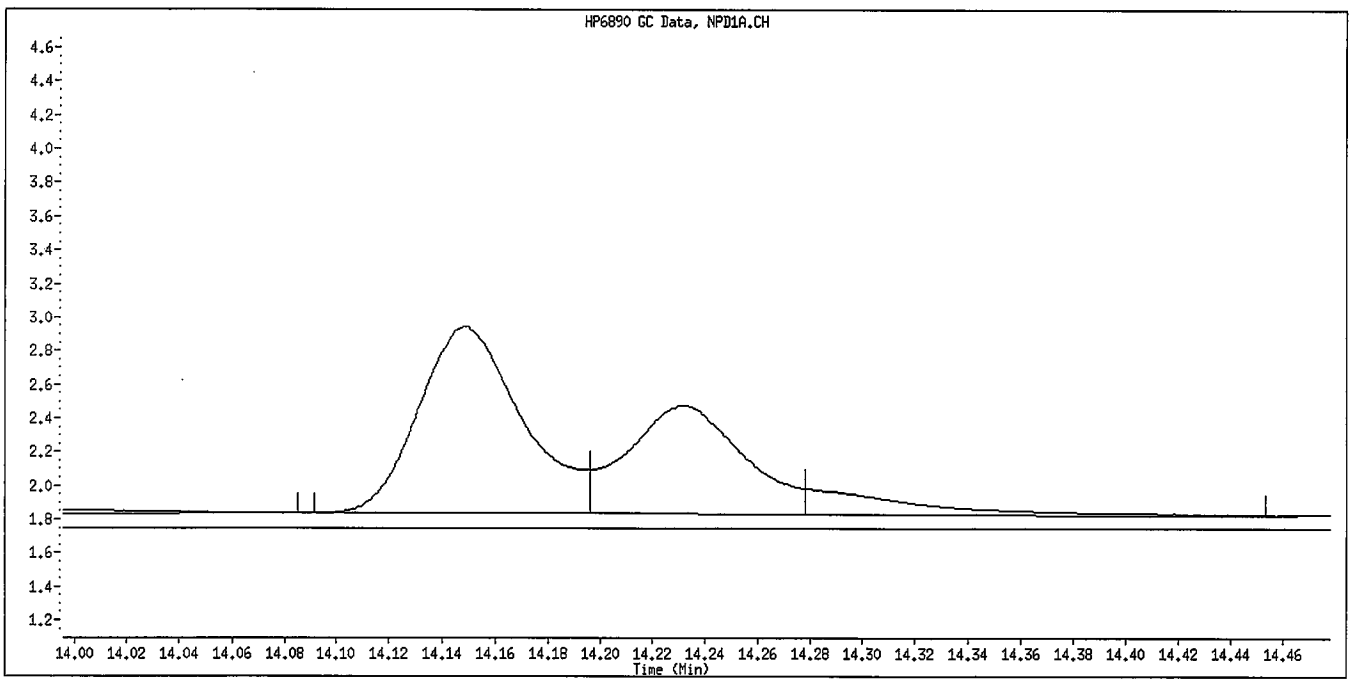
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 008F0801.D
Inj. Date and Time: 06-AUG-2009 17:58
Instrument ID: GC_D.i
Client ID: 8141 L2 GSV87409
Compound Name: Phorate
CAS #: 298-02-2
Report Date: 08/07/2009



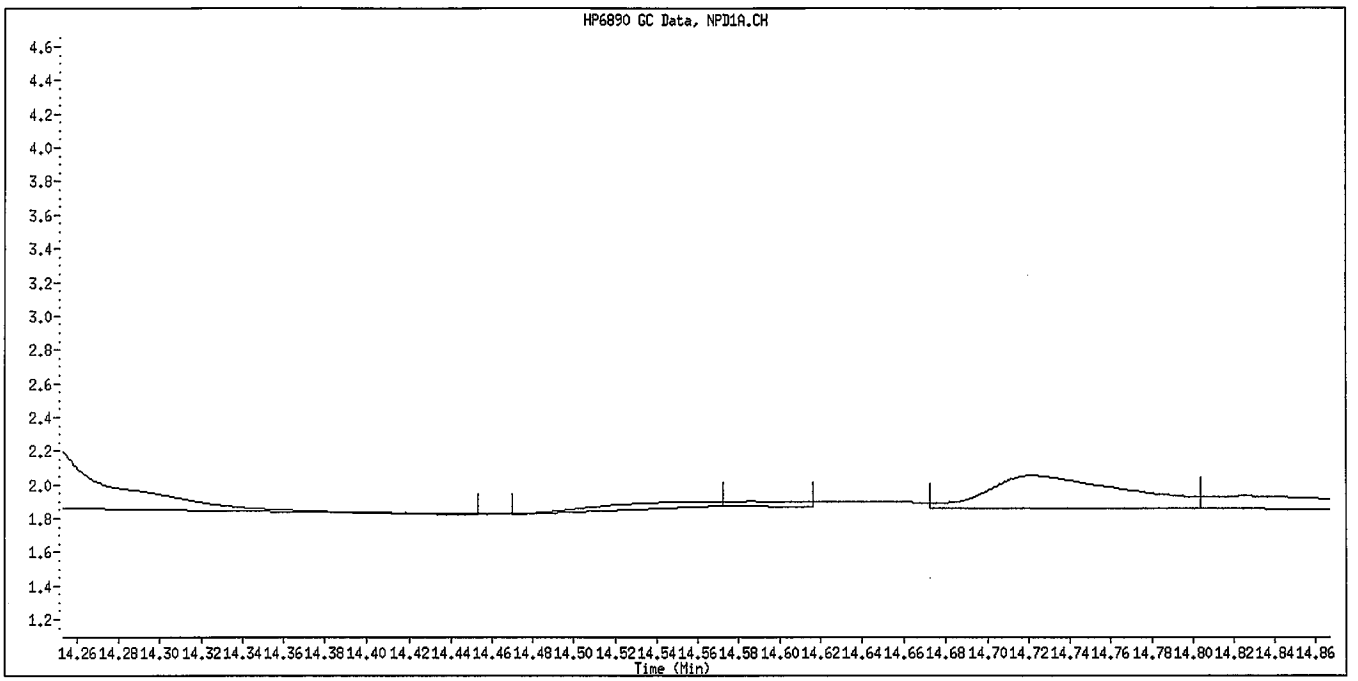
Original Integration



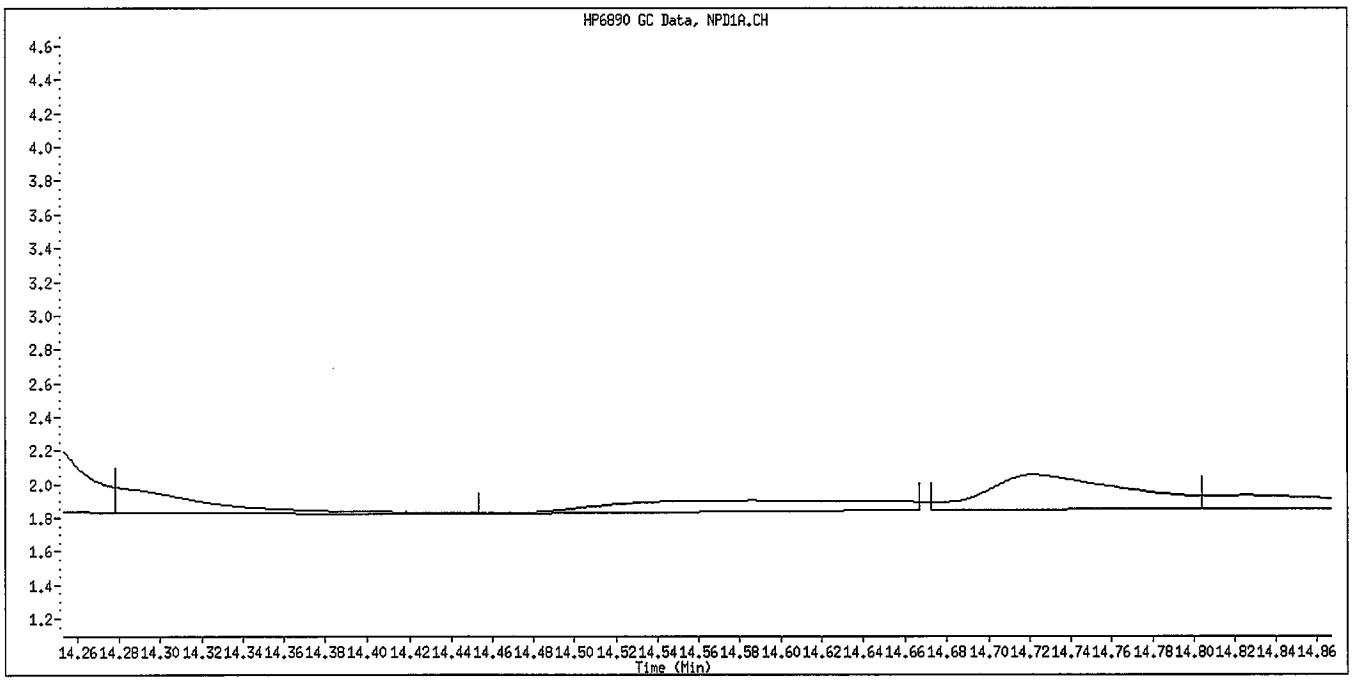
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 008F0801.D
Inj. Date and Time: 06-AUG-2009 17:58
Instrument ID: GC_D.i
Client ID: 8141 L2 GSV87409
Compound Name: Dimethoate
CAS #:
Report Date: 08/07/2009



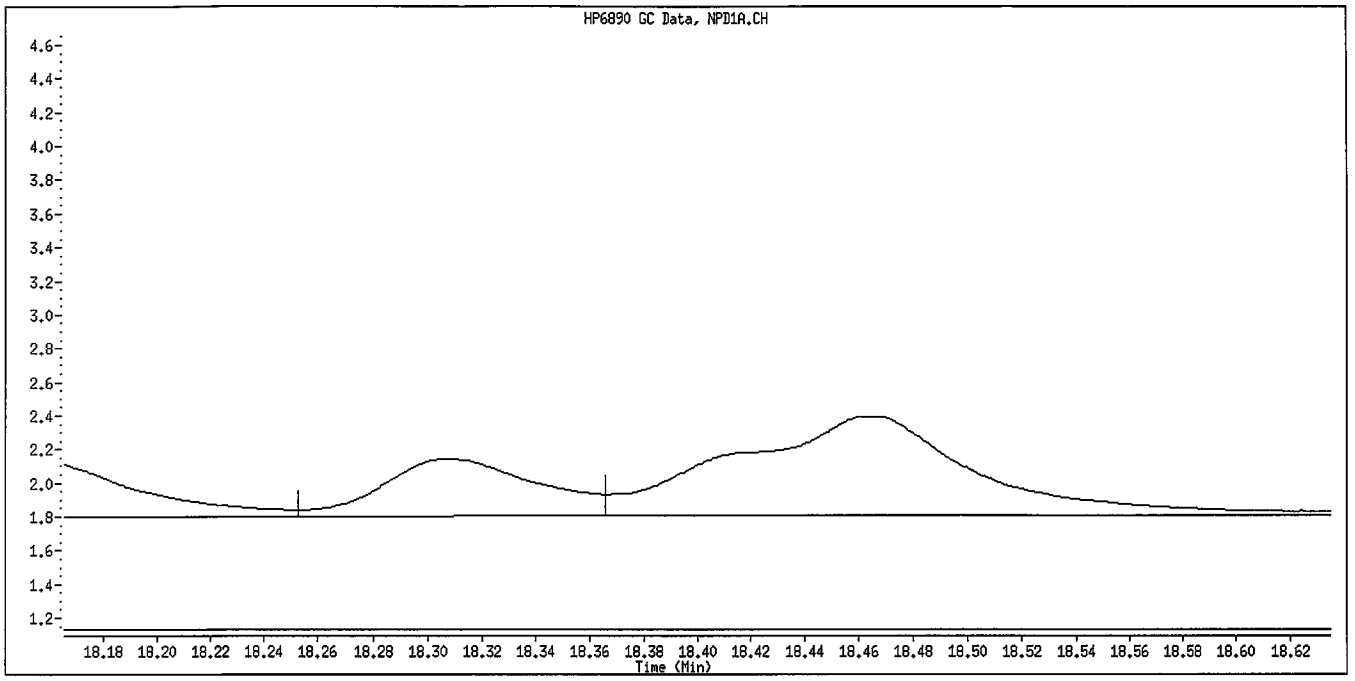
Original Integration



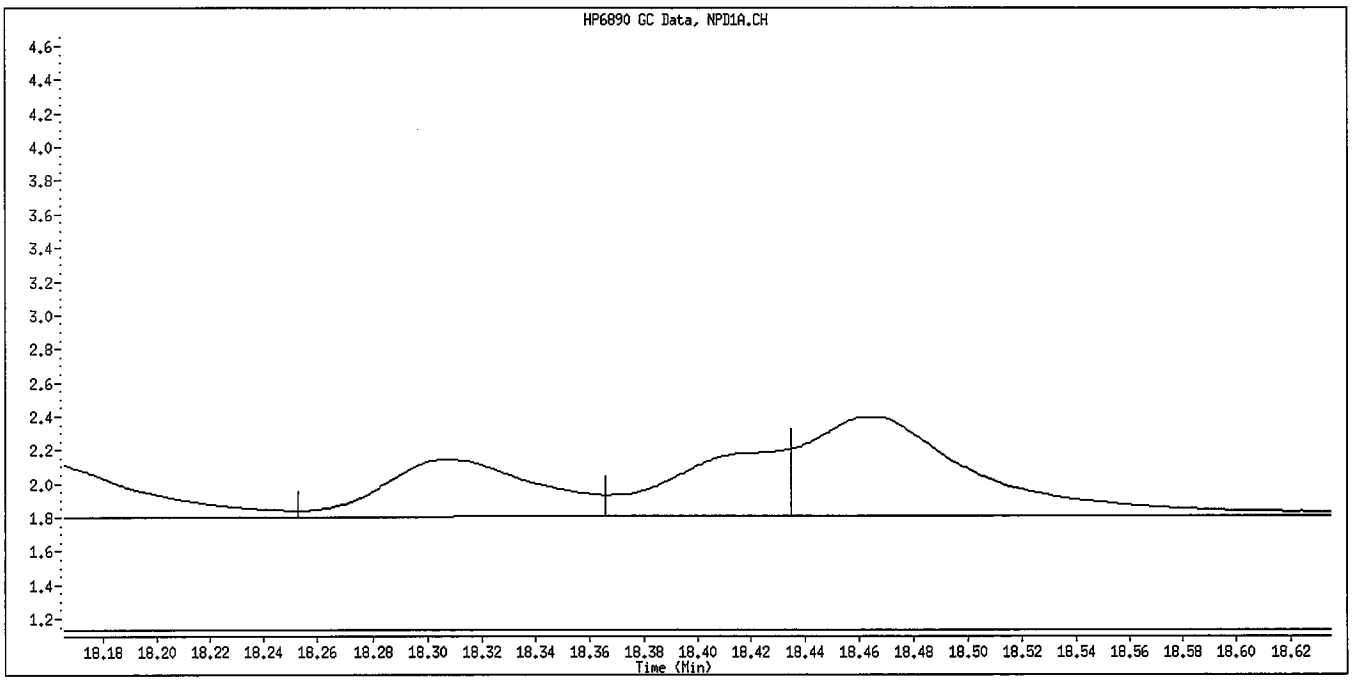
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 008F0801.D
Inj. Date and Time: 06-AUG-2009 17:58
Instrument ID: GC_D.i
Client ID: 8141 L2 GSV87409
Compound Name: Parathion
CAS #:
Report Date: 08/07/2009



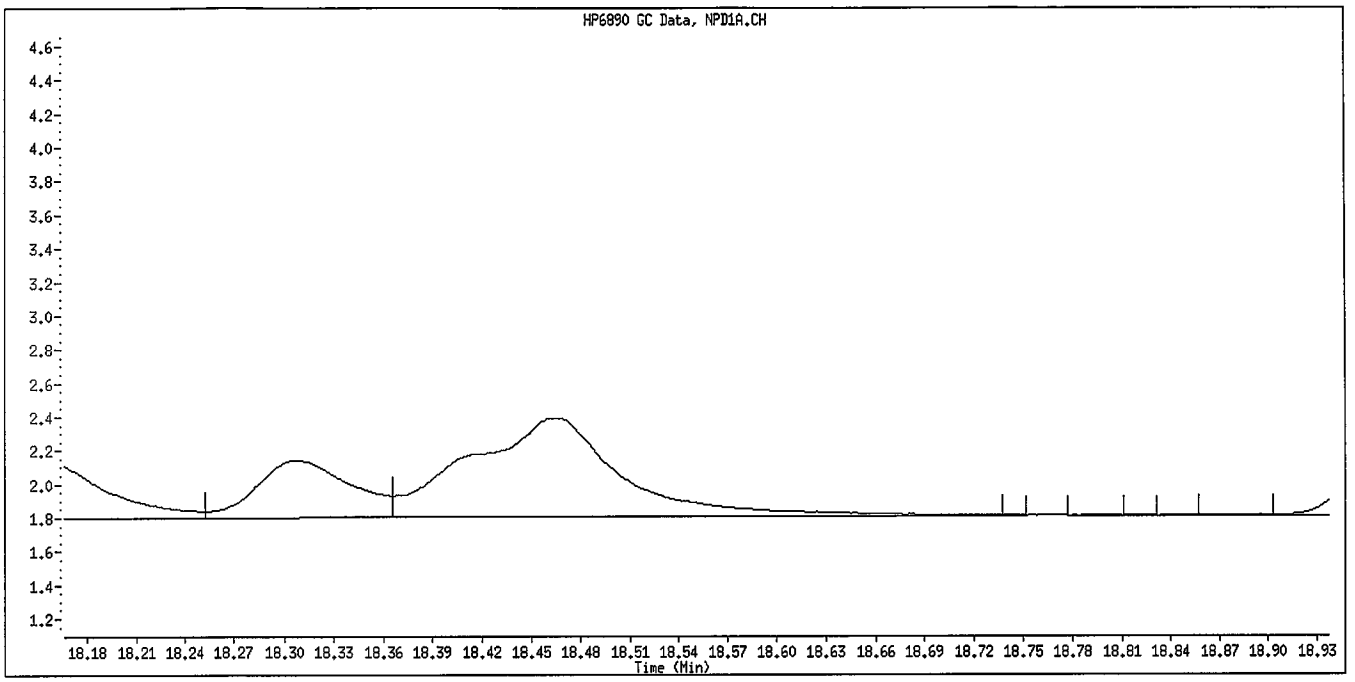
Original Integration



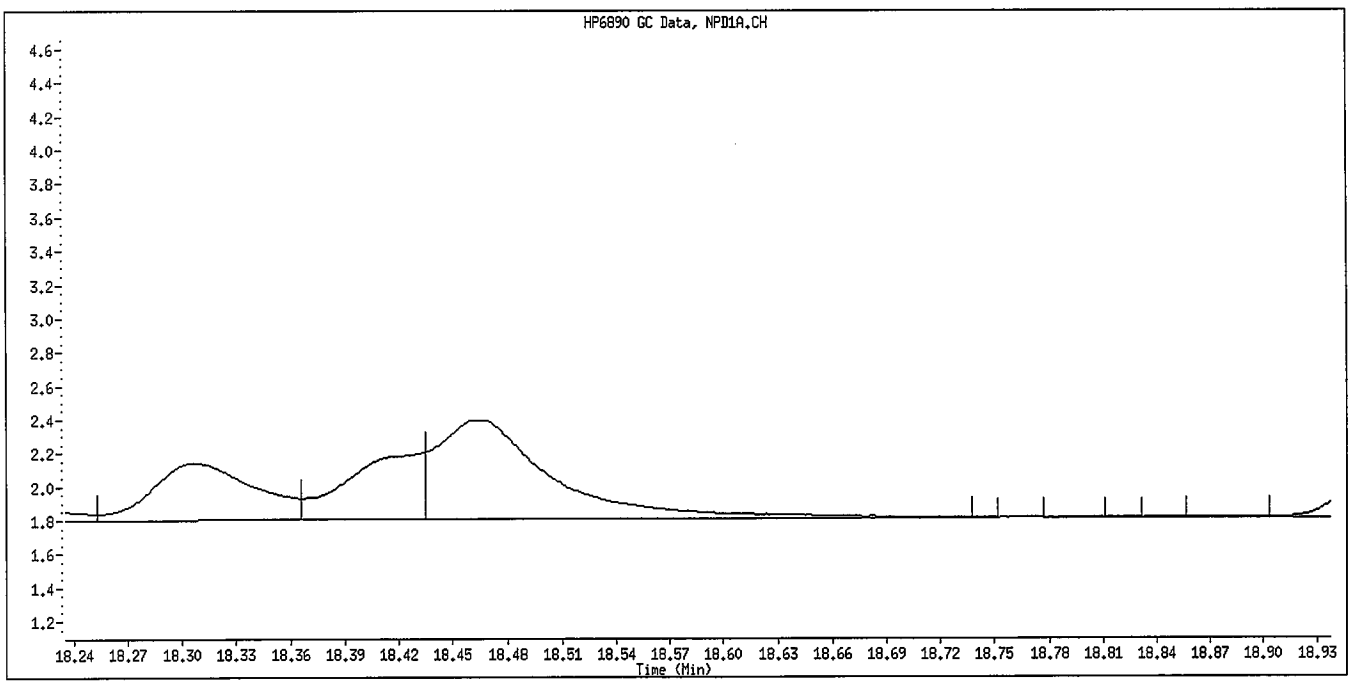
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 008F0801.D
Inj. Date and Time: 06-AUG-2009 17:58
Instrument ID: GC_D.i
Client ID: 8141 L2 GSV87409
Compound Name: Chlorpyrifos
CAS #:
Report Date: 08/07/2009



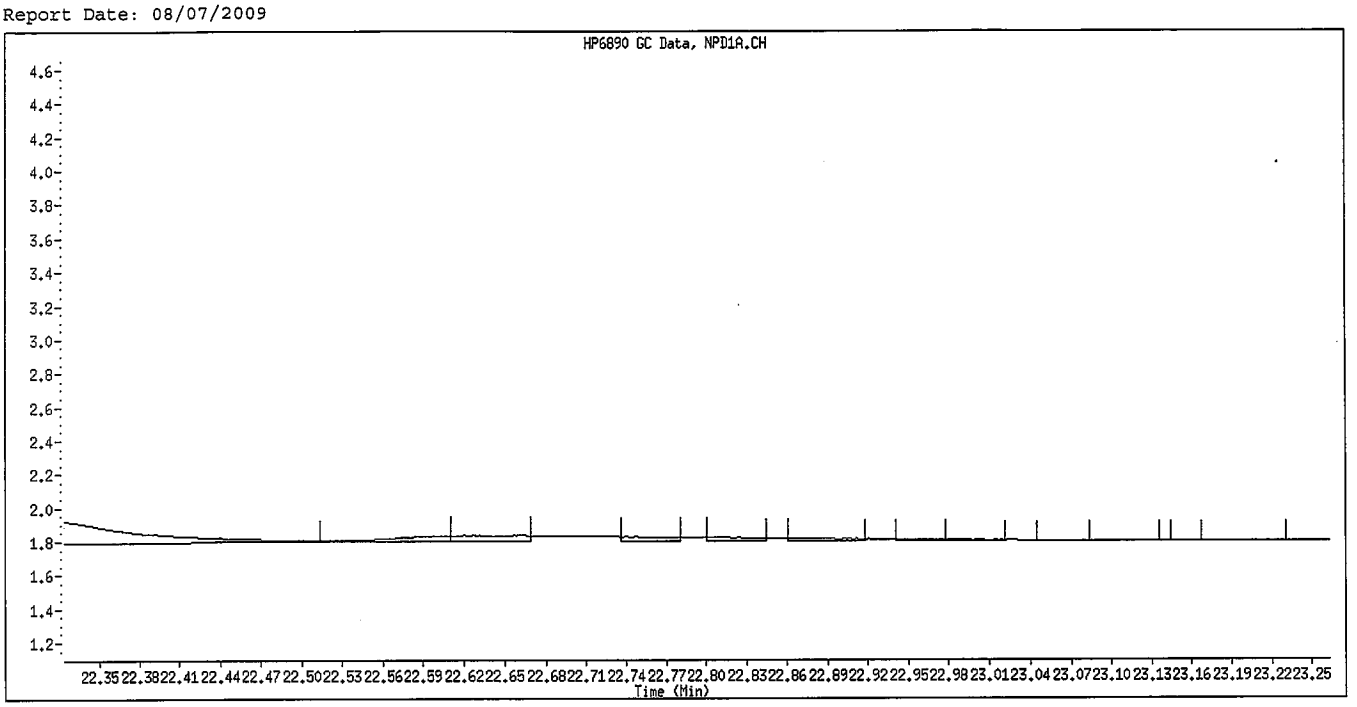
Original Integration



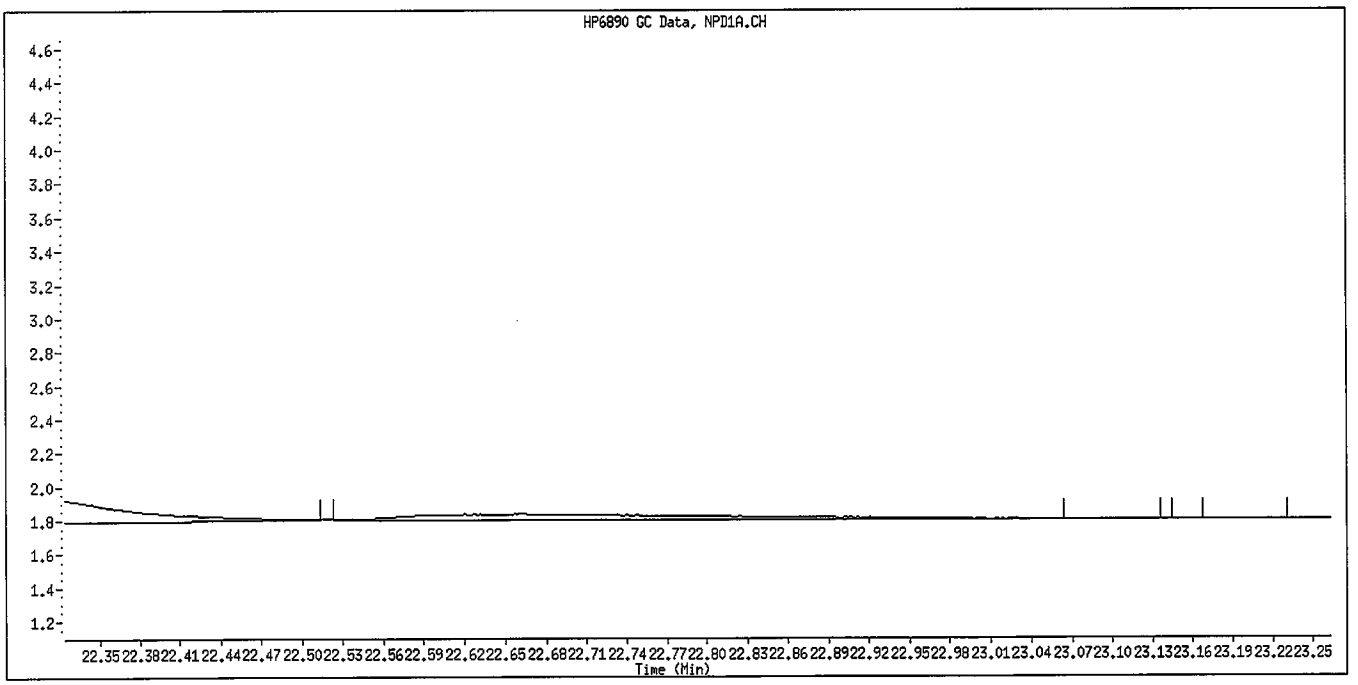
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 008F0801.D
Inj. Date and Time: 06-AUG-2009 17:58
Instrument ID: GC_D.i
Client ID: 8141 L2 GSV87409
Compound Name: Fensulfothion
CAS #:
Report Date: 08/07/2009



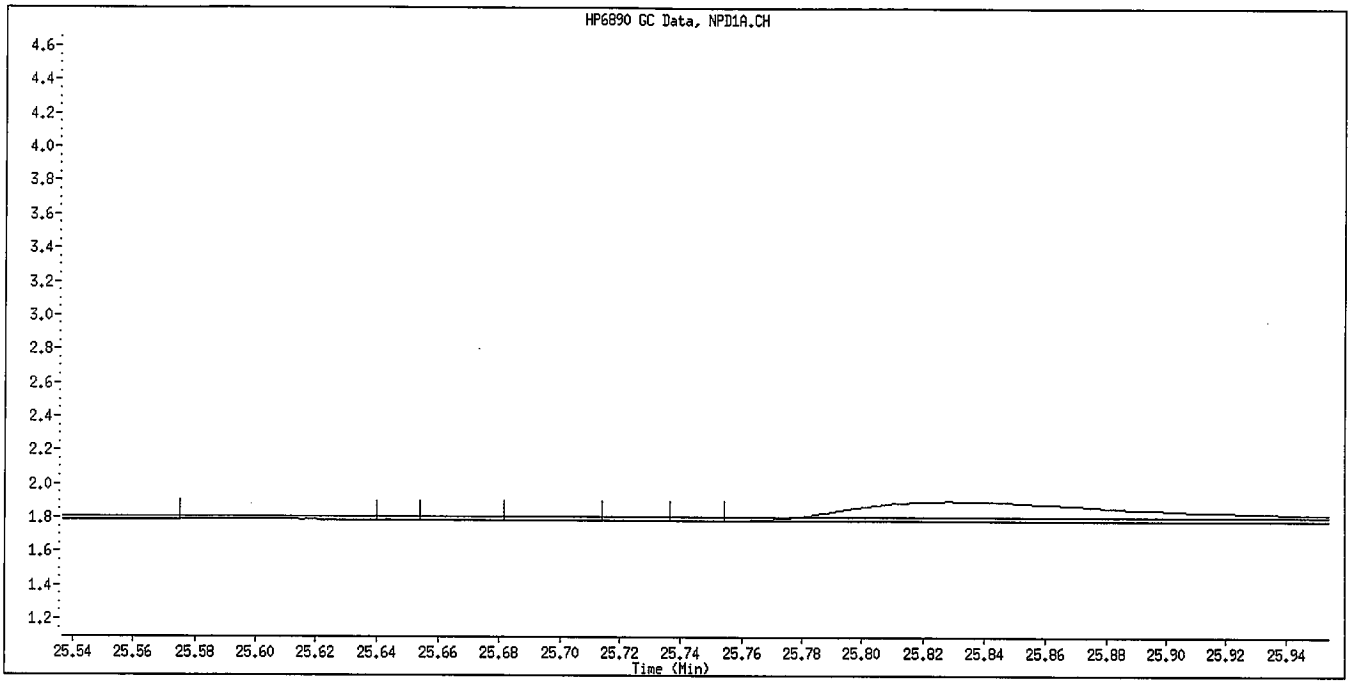
Original Integration



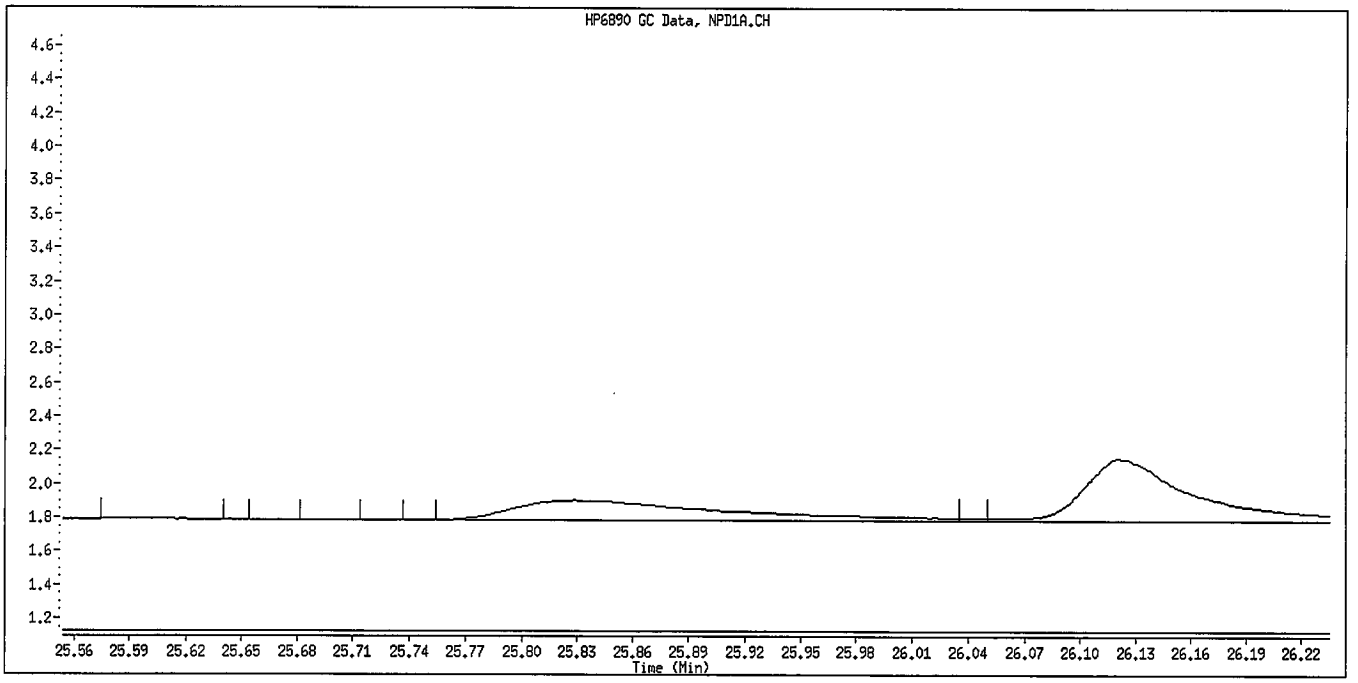
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 008F0801.D
Inj. Date and Time: 06-AUG-2009 17:58
Instrument ID: GC_D.i
Client ID: 8141 L2 GSV87409
Compound Name: Phosmet
CAS #:
Report Date: 08/07/2009



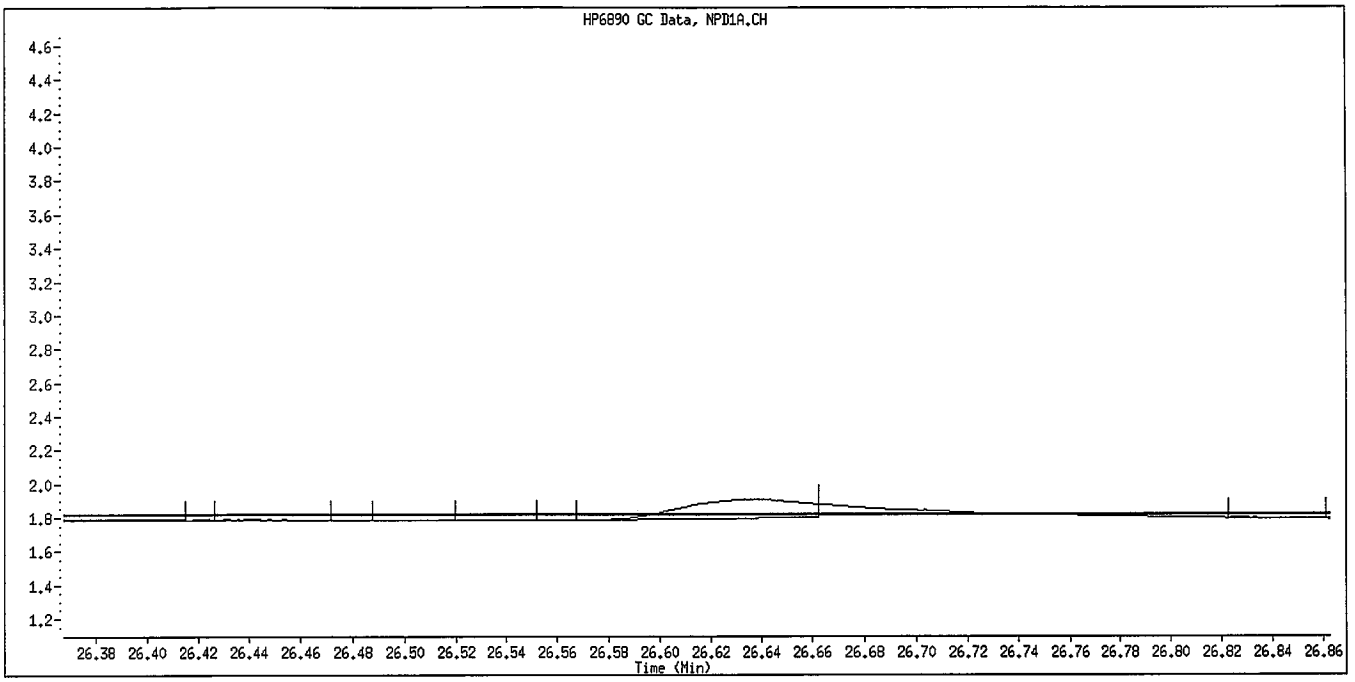
Original Integration



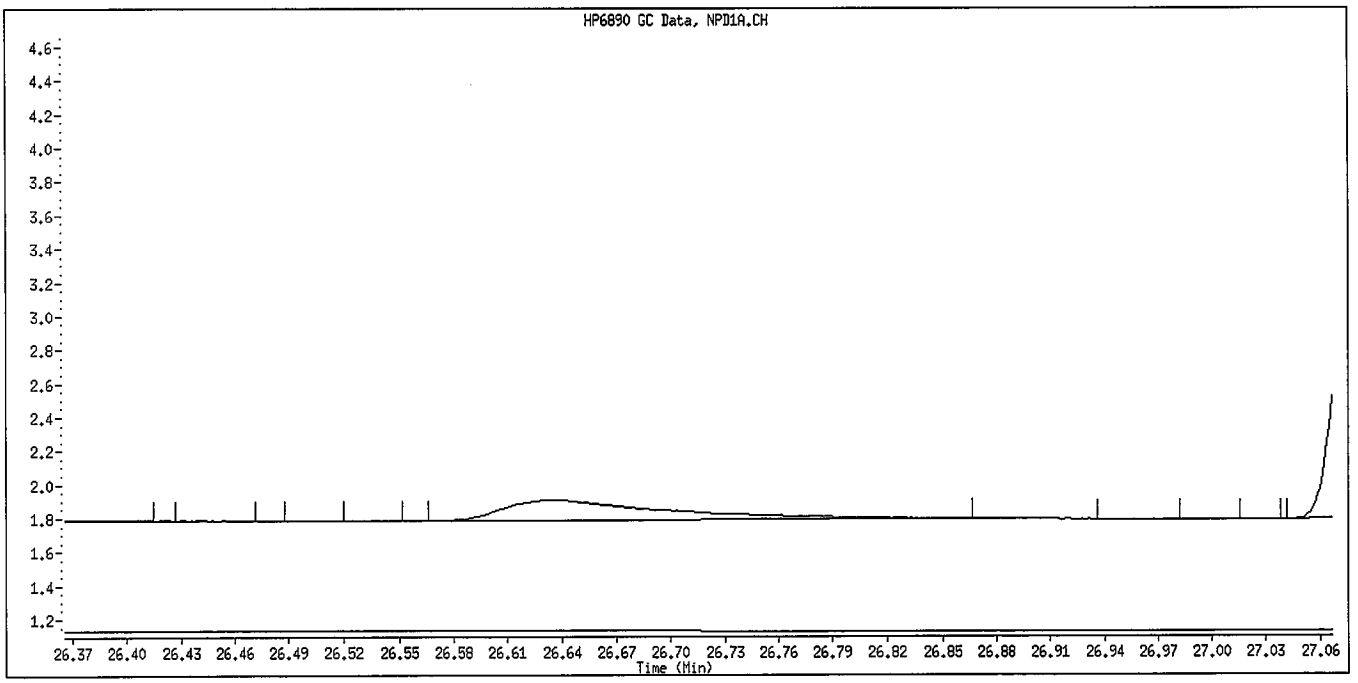
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 008F0801.D
Inj. Date and Time: 06-AUG-2009 17:58
Instrument ID: GC_D.i
Client ID: 8141 L2 GSV87409
Compound Name: Azinphos-methyl
CAS #:
Report Date: 08/07/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\009F0901.D
Lab Smp Id: 8141 L1 GSV87509 Client Smp ID: 8141 L1 GSV87509
Inj Date : 06-AUG-2009 18:34
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L1 GSV87509
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Meth Date : 07-Aug-2009 13:45 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 17:58 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	4.270	4.267	(0.311)	182432	0.20000	0.2229
	2 Dichlorvos	5.885	5.865	(0.428)	67759	0.20000	0.2109
	3 Mevinphos	9.401	9.407	(0.684)	91	0.20000	0.4022
$	4 Chlormefos	9.501	9.502	(0.691)	130407	0.20000	0.2216
	5 Thionazin	12.642	12.625	(0.919)	61338	0.20000	0.2027
	6 Demeton-O	12.879	12.876	(0.937)	30299	0.06500	0.06629
	7 Ethoprop	13.241	13.205	(0.963)	42588	0.20000	0.1917
	8 Naled	13.512	13.482	(0.983)	9478	0.20000	0.2341
*	9 Tributylphosphate	13.749	13.714	(1.000)	763264	2.00000	
	10 Sulfotepp	14.151	14.143	(1.029)	119283	0.20000	0.1996
	11 Phorate	14.230	14.227	(1.035)	86740	0.20000	0.2204(M)
	12 Dimethoate	Compound Not Detected.					
	13 Demeton-S	14.678	14.682	(1.068)	421	0.13600	0.01740
	14 Simazine	14.839	14.783	(1.079)	4949	0.20000	0.2397
	15 Atrazine	15.066	14.997	(1.096)	12533	0.20000	0.2594
	16 propazine	Compound Not Detected.					
	17 Disulfoton	15.894	15.866	(0.587)	48155	0.20000	0.2016
	18 Diazinon	15.954	15.934	(0.589)	122906	0.20000	0.2010
	19 Methyl Parathion	16.903	16.829	(0.624)	40155	0.20000	0.2010(M)
	20 Ronnel	17.489	17.456	(0.646)	57362	0.20000	0.1804
	21 Malathion	18.182	18.134	(0.671)	47746	0.20000	0.1722
	22 Fenthion	18.329	18.284	(0.677)	49230	0.20000	0.2075
	23 Parathion	Compound Not Detected.					
	24 Chlorpyrifos	18.476	18.451	(0.682)	166108	0.20000	0.2504
	25 Trichloronate	18.987	18.958	(0.701)	81341	0.20000	0.2058
	26 Anilazine	19.337	19.345	(0.714)	413	0.20000	0.4143
	27 Merphos-A (Merphos)	19.827	19.804	(0.732)	27686	0.20000	0.2057
	28 Tetrachlorvinphos (Stirophos)	20.614	20.532	(0.761)	27000	0.20000	0.2084(M)
	29 Tokuthion	21.318	21.278	(0.787)	76330	0.20000	0.2031
	30 Merphos-B (Merphos Oxone)	21.581	21.536	(0.797)	49732	0.20000	0.2966
	31 Carbophenothion-methyl	22.342	22.254	(0.825)	29119	0.20000	0.2073(M)
	32 Fensulfothion	Compound Not Detected.					
	33 Bolstar / Famphur	23.694	23.627	(0.875)	97513	0.40000	0.4083(M)

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	24.017	23.947	(0.887)	59933	0.20000	0.1971(M)
$	35 Triphenyl phosphate	25.327	25.270	(0.935)	41538	0.20000	0.1718
	36 Phosmet	25.860	25.769	(0.955)	25548	0.20000	0.2071(M)
	37 EPN	26.132	26.097	(0.965)	58024	0.20000	0.1855
	38 Azinphos-methyl	26.645	26.584	(0.984)	25233	0.20000	0.2530(M)
*	39 TOCP	27.086	27.076	(1.000)	553974	2.00000	
	40 Azinphos-ethyl	27.219	27.172	(1.005)	66517	0.20000	0.2310
	41 Coumaphos	27.740	27.694	(1.024)	33445	0.20000	0.2085(M)
M	42 Total Demeton				30720	0.20000	0.08369
M	43 Merphos				77418	0.20000	0.2116

QC Flag Legend

M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D.i
Lab File ID: 009F0901.D
Lab Smp Id: 8141 L1 GSV87509
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Misc Info:

Calibration Date: 07-AUG-2009
Calibration Time: 06:42
Client Smp ID: 8141 L1 GSV8750
Level:
Sample Type:

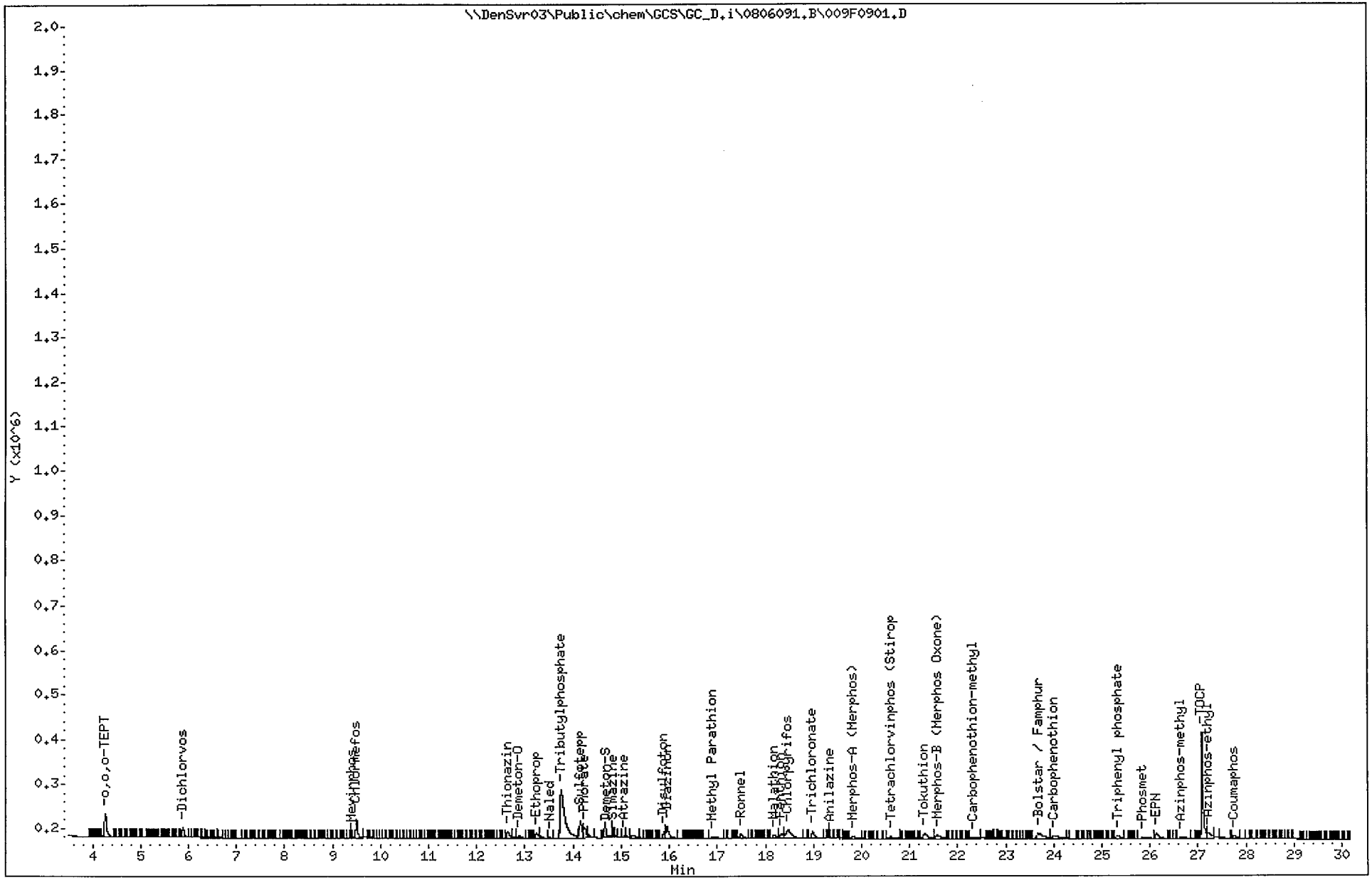
		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	1034306	517153	2068612	763264	-26.21
39 TOCP	695324	347662	1390648	553974	-20.33

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.70	13.20	14.20	13.75	0.37
39 TOCP	27.08	26.58	27.58	27.09	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.

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\009F0901.D
Date : 06-AUG-2009 18:34
Client ID: 8141 L1 GSV87509
Sample Info: 8141 L1 GSV87509

Instrument: GC_D.i
Operator: MPK/TLW
Column phase: RTx-1MS
Column diameter: 0.32



Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/009F0901.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 009F0901.D
Analysis Type: NONE

Injection Date: 06-AUG-2009 18:34
Lab Sample ID: 8141 L1 GSV87509
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	3.0000	0.2454	91.8	15.0	<-
2	Dichlorvos	3.0000	0.2109	93.0	15.0	<-
3	Mevinphos	3.0000	0.2214	92.6	15.0	<-
4	Chlormefos	3.0000	0.2216	92.6	15.0	<-
5	Thionazin	3.0000	0.2027	93.2	15.0	<-
6	Demeton-O	0.9750	0.0797	91.8	15.0	<-
7	Ethoprop	3.0000	0.1917	93.6	15.0	<-
8	Naled	3.0000	0.2152	92.8	15.0	<-
9	Sulfotepp	3.0000	0.1996	93.3	15.0	<-
10	Phorate	3.0000	0.2032	93.2	15.0	<-
11	Dimethoate	3.0000	0.0000	100.0	15.0	<-
12	Demeton-S	2.0400	0.0015	99.9	15.0	<-
13	Simazine	3.0000	0.1647	94.5	15.0	<-
14	Atrazine	3.0000	0.2057	93.1	15.0	<-
15	propazine	3.0000	0.0000	100.0	15.0	<-
17	Disulfoton	3.0000	0.1917	93.6	15.0	<-
16	Diazinon	3.0000	0.2700	91.0	15.0	<-
18	Methyl Parathion	3.0000	0.1960	93.5	15.0	<-
19	Ronnel	3.0000	0.2162	92.8	15.0	<-
20	Malathion	3.0000	0.1722	94.3	15.0	<-
21	Fenthion	3.0000	0.2075	93.1	15.0	<-
22	Parathion	3.0000	0.0000	100.0	15.0	<-
23	Chlorpyrifos	3.0000	0.2100	93.0	15.0	<-
24	Trichloronate	3.0000	0.2163	92.8	15.0	<-
25	Anilazine	3.0000	0.3483	88.4	15.0	<-
148	Merphos-A (Merphos)	3.0000	0.2490	91.7	999.0	
26	Tetrachlorvinphos (Stirophos)	3.0000	0.2225	92.6	15.0	<-
28	Tokuthion	3.0000	0.2031	93.2	15.0	<-
149	Merphos-B (Merphos Oxone)	3.0000	0.3775	87.4	999.0	
29	Carbophenothion-methyl	3.0000	0.2073	93.1	15.0	<-
29	Fensulfothion	3.0000	0.0000	100.0	15.0	<-
30	Bolstar / Famphur	6.0000	0.3188	94.7	15.0	<-
32	Carbophenothion	3.0000	0.1971	93.4	15.0	<-
31	Triphenyl phosphate	3.0000	0.1718	94.3	15.0	<-
34	Phosmet	3.0000	0.1157	96.1	15.0	<-
32	EPN	3.0000	0.1855	93.8	15.0	<-
33	Azinphos-methyl	3.0000	0.2350	92.2	15.0	<-
38	Azinphos-ethyl	3.0000	0.2128	92.9	15.0	<-
36	Coumaphos	3.0000	0.1505	95.0	15.0	<-

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/009F0901.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

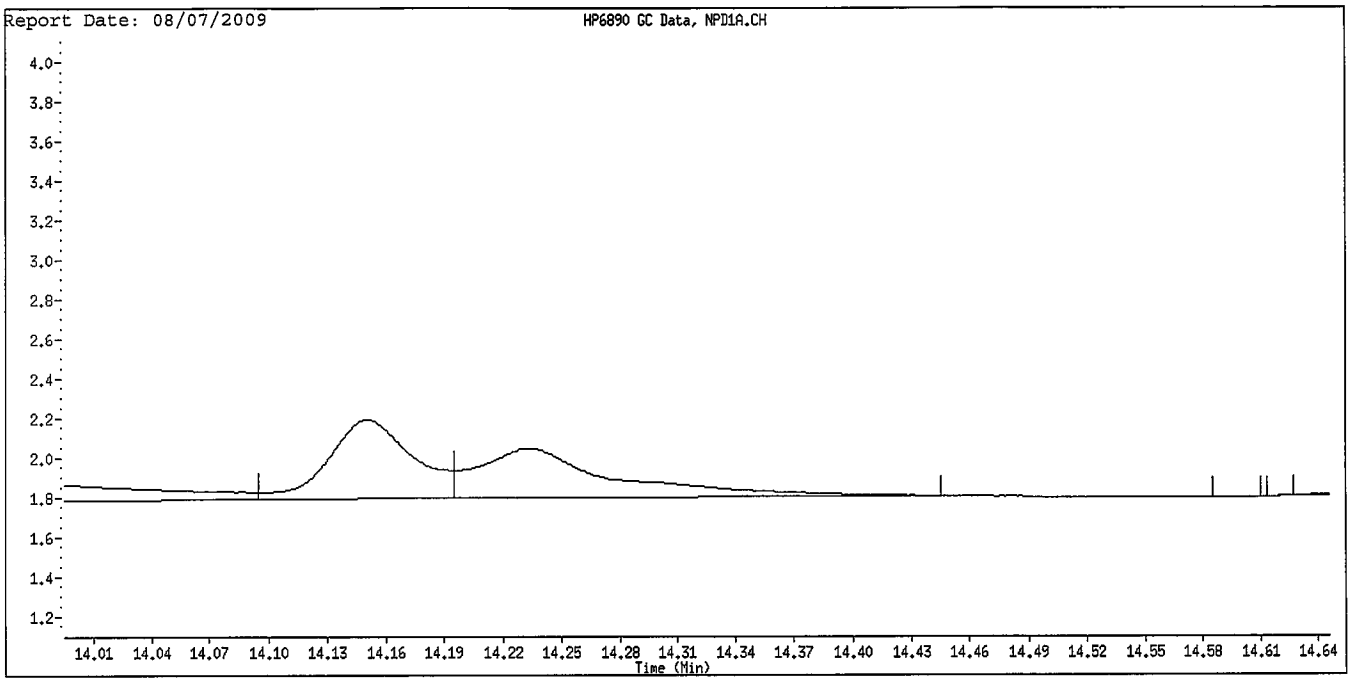
Instrument ID: GC_D.i
Lab File ID: 009F0901.D
Analysis Type: NONE

Injection Date: 06-AUG-2009 18:34
Lab Sample ID: 8141 L1 GSV87509
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

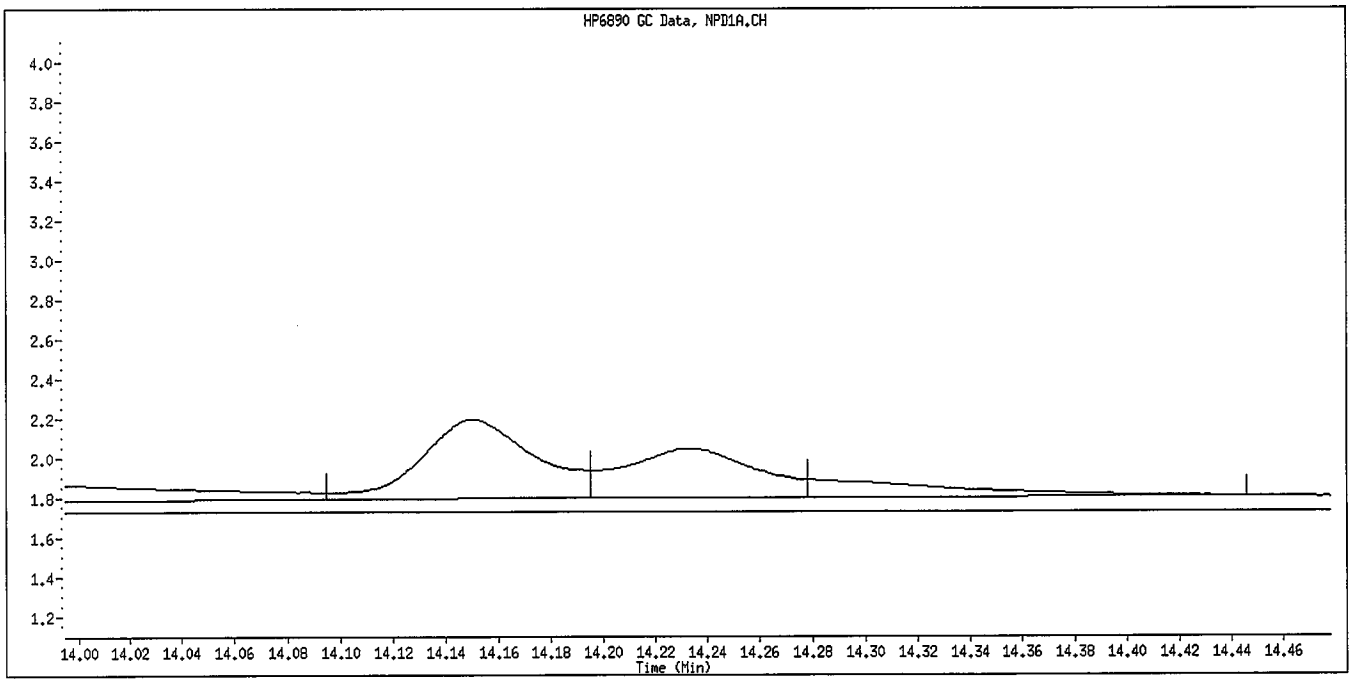
COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
40 Total Demeton	3.0000	0.0812	97.3	15.0	<-
27 Merphos	3.0000	0.2116	92.9	15.0	<-

Average %D = 93.9

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Phorate
CAS #: 298-02-2



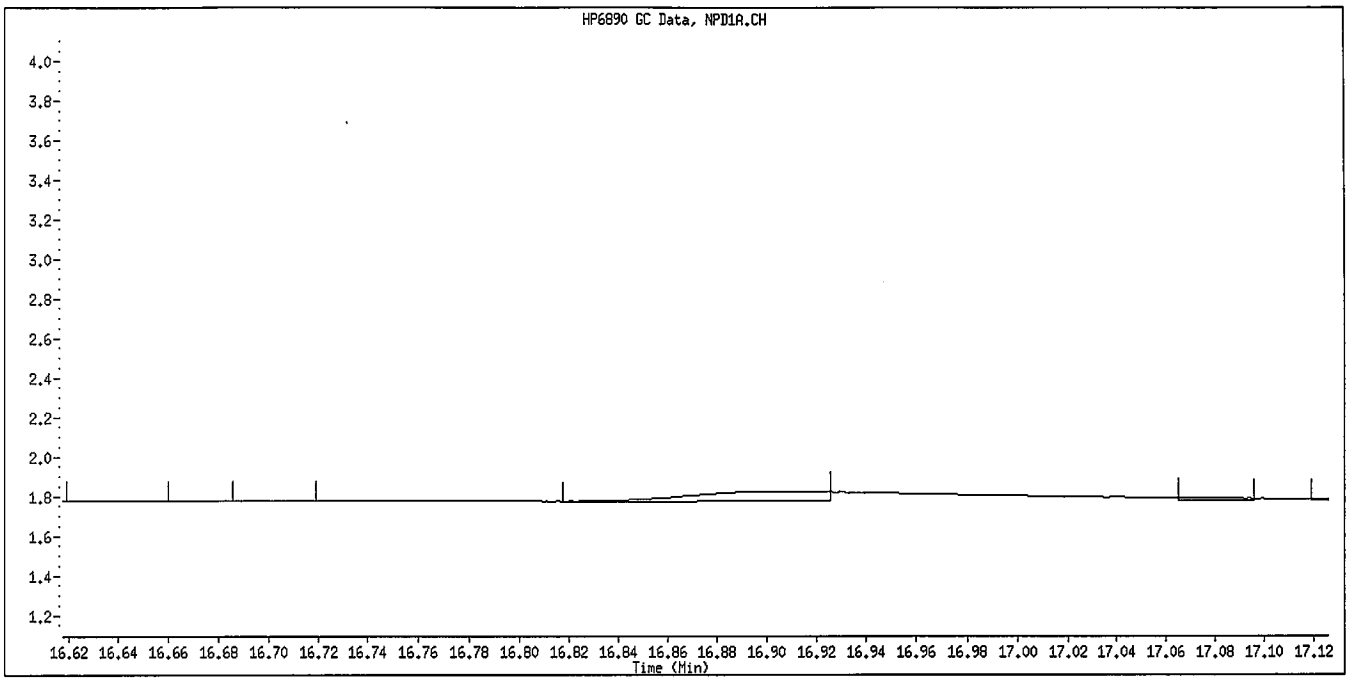
Original Integration



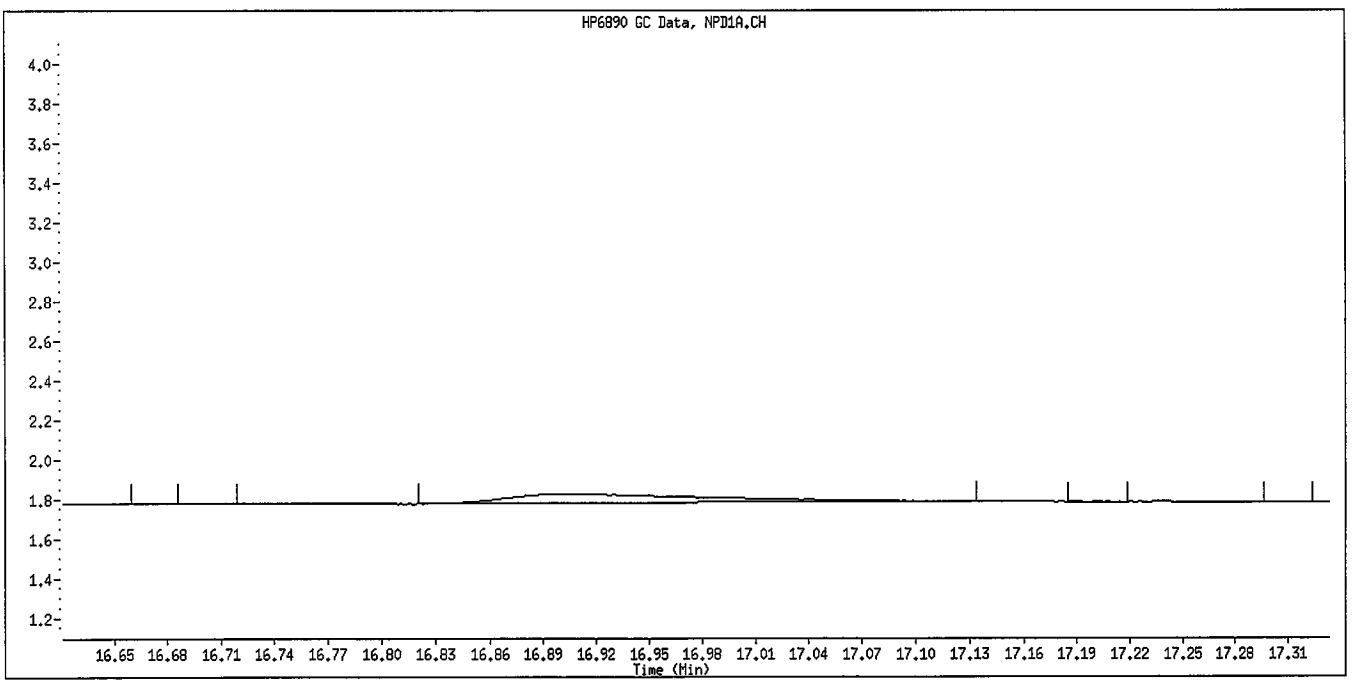
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Methyl Parathion
CAS #: 298-00-0
Report Date: 08/07/2009



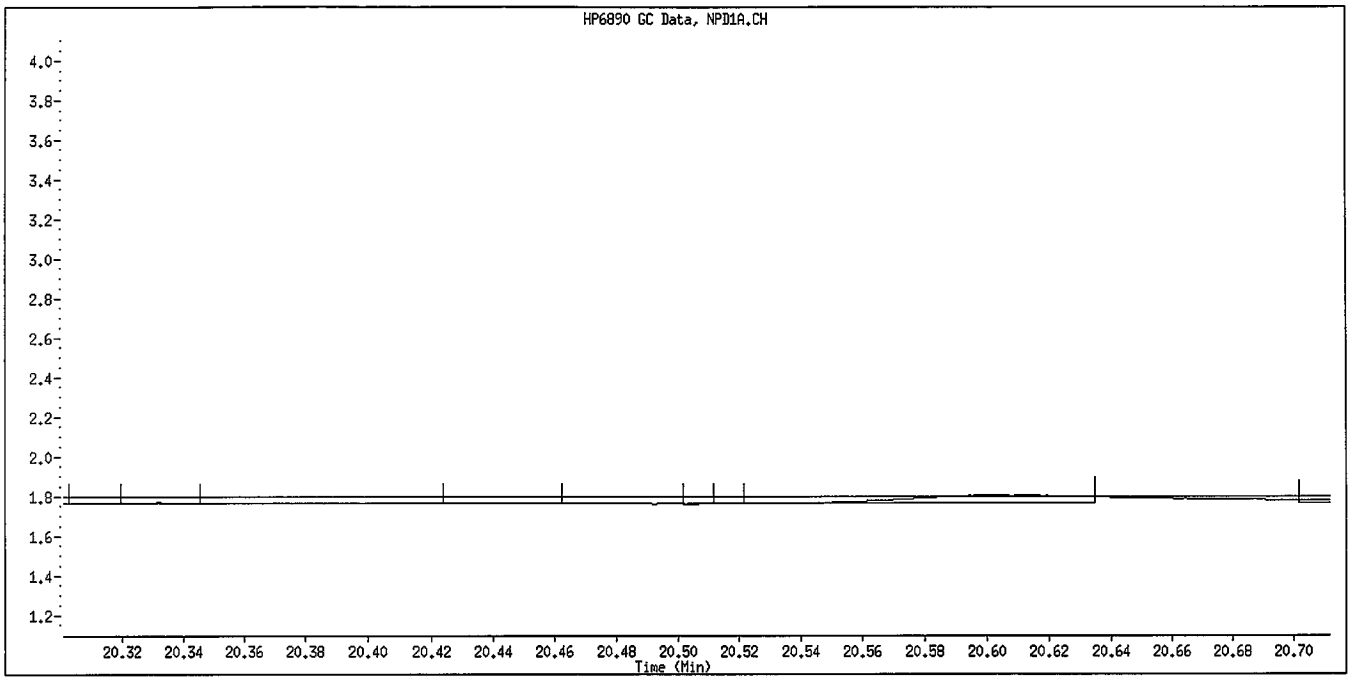
Original Integration



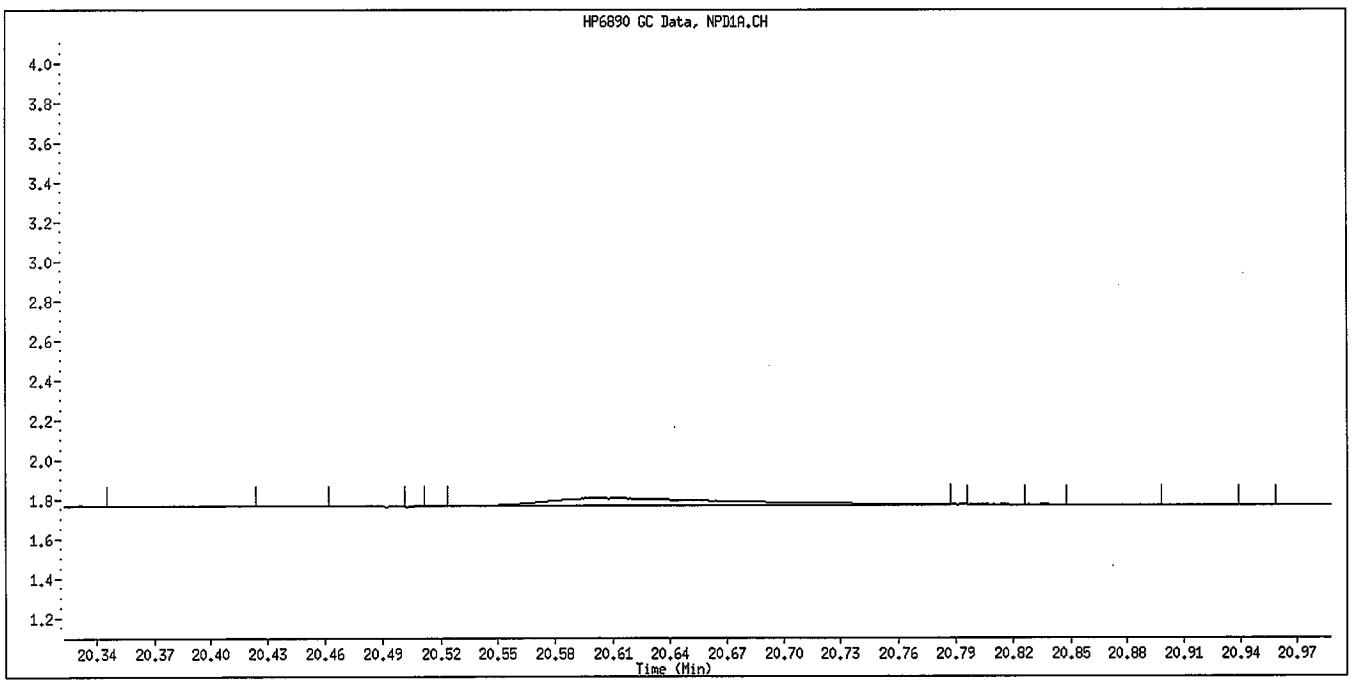
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Tetrachlorvinphos (Stirophos)
CAS #:
Report Date: 08/07/2009



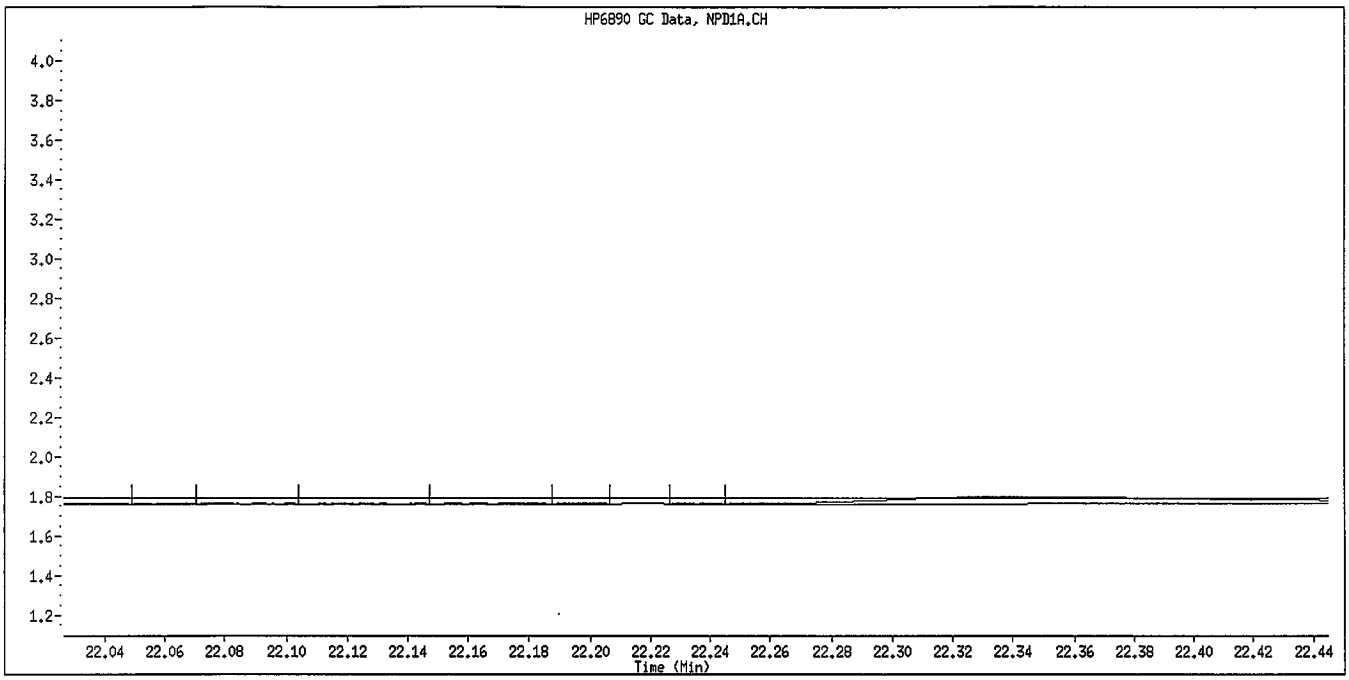
Original Integration



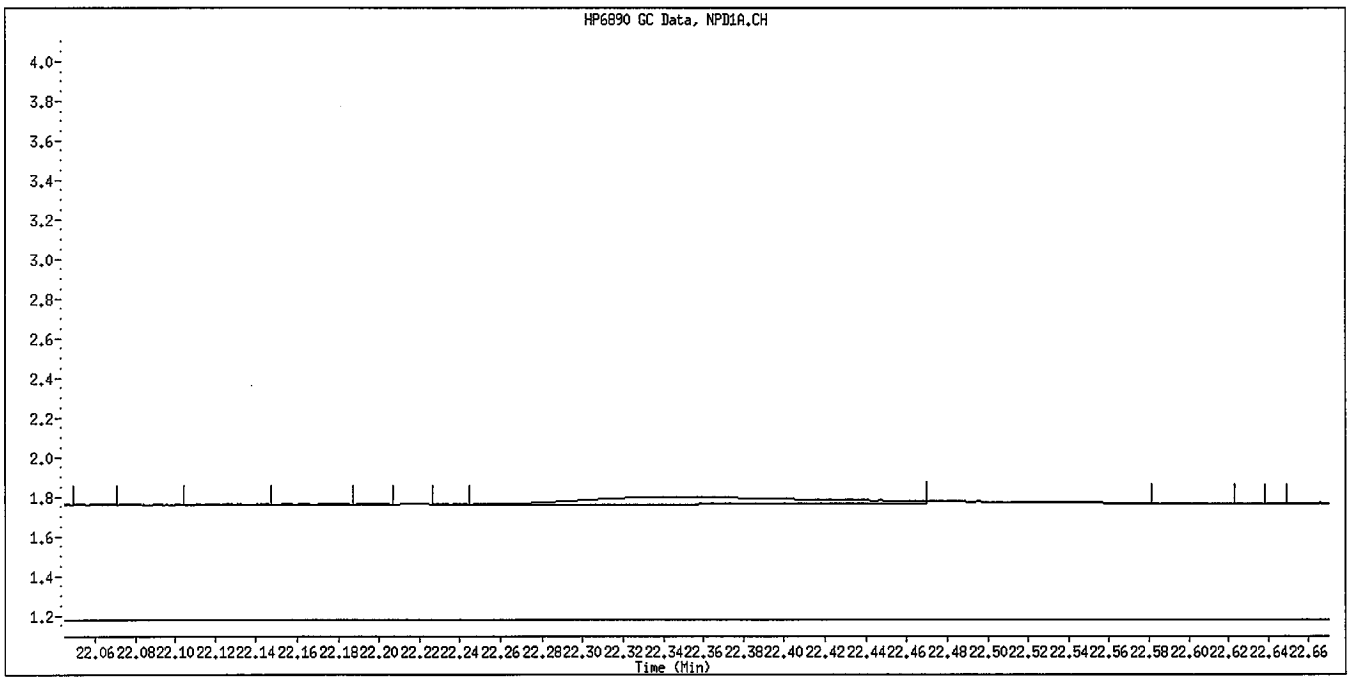
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Carbophenothion-methyl
CAS #:
Report Date: 08/07/2009



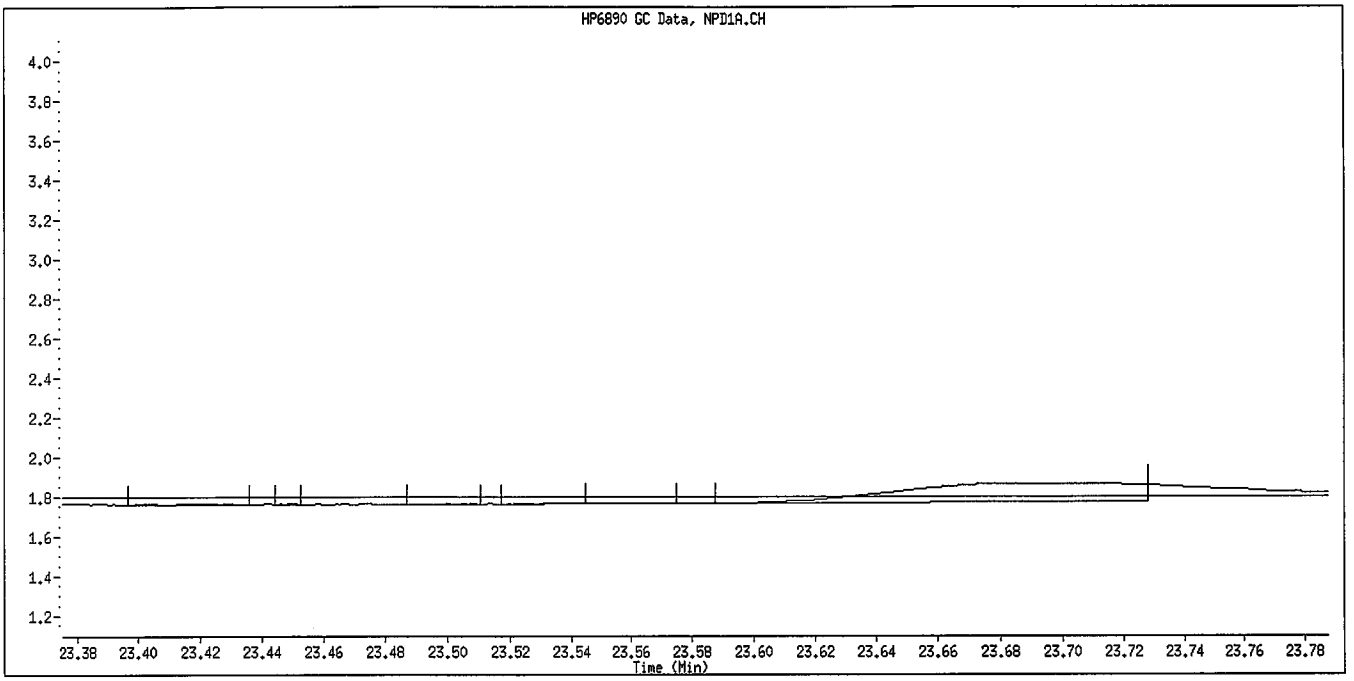
Original Integration



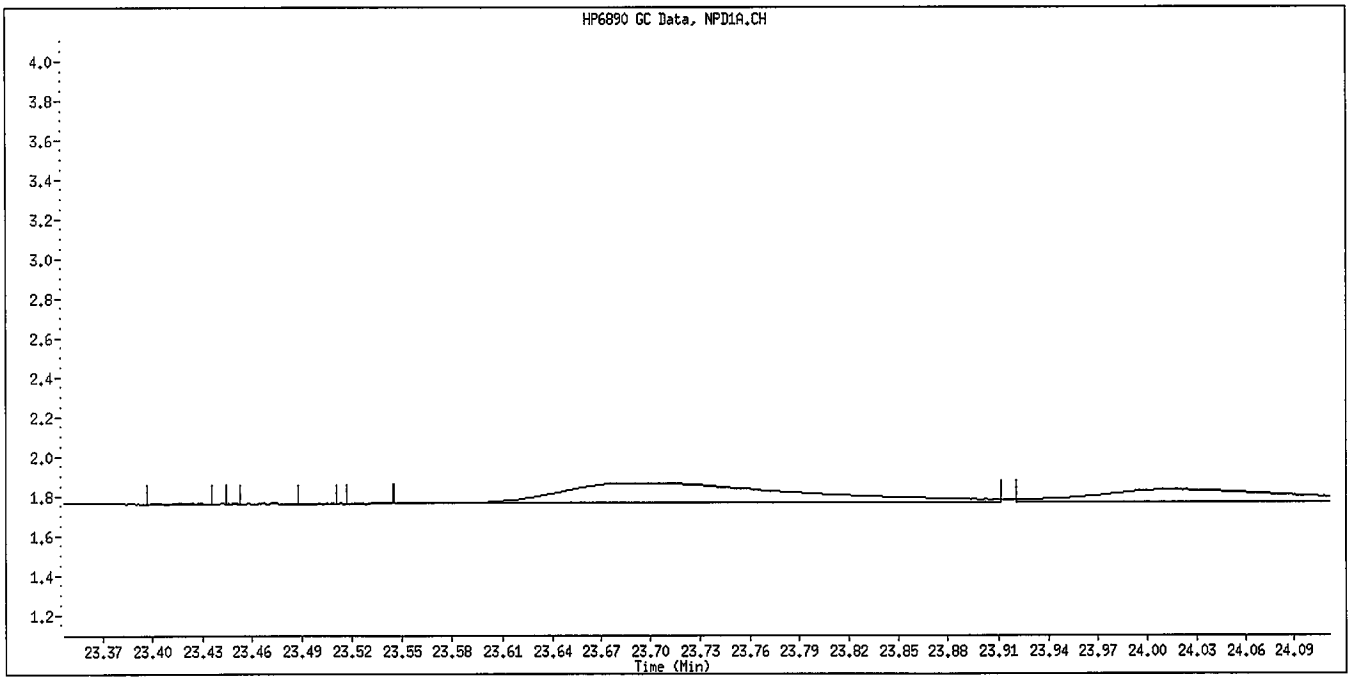
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Bolstar / Famphur
CAS #:
Report Date: 08/07/2009



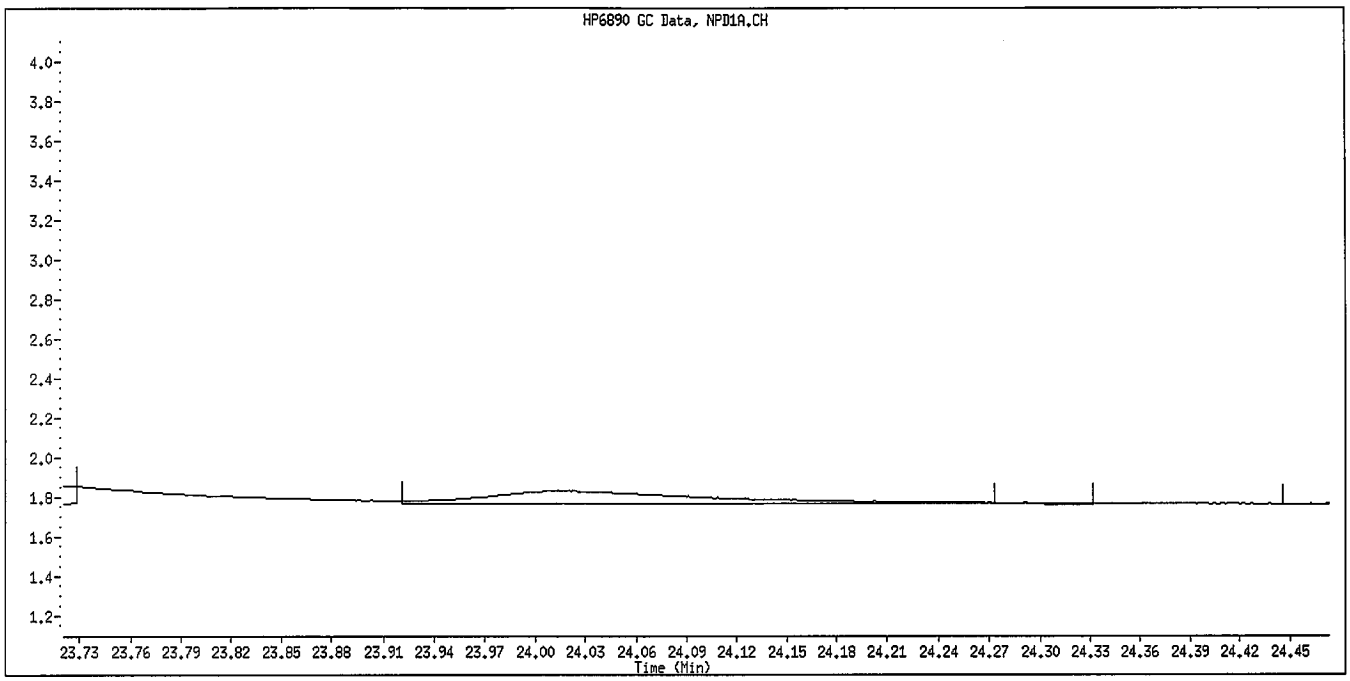
Original Integration



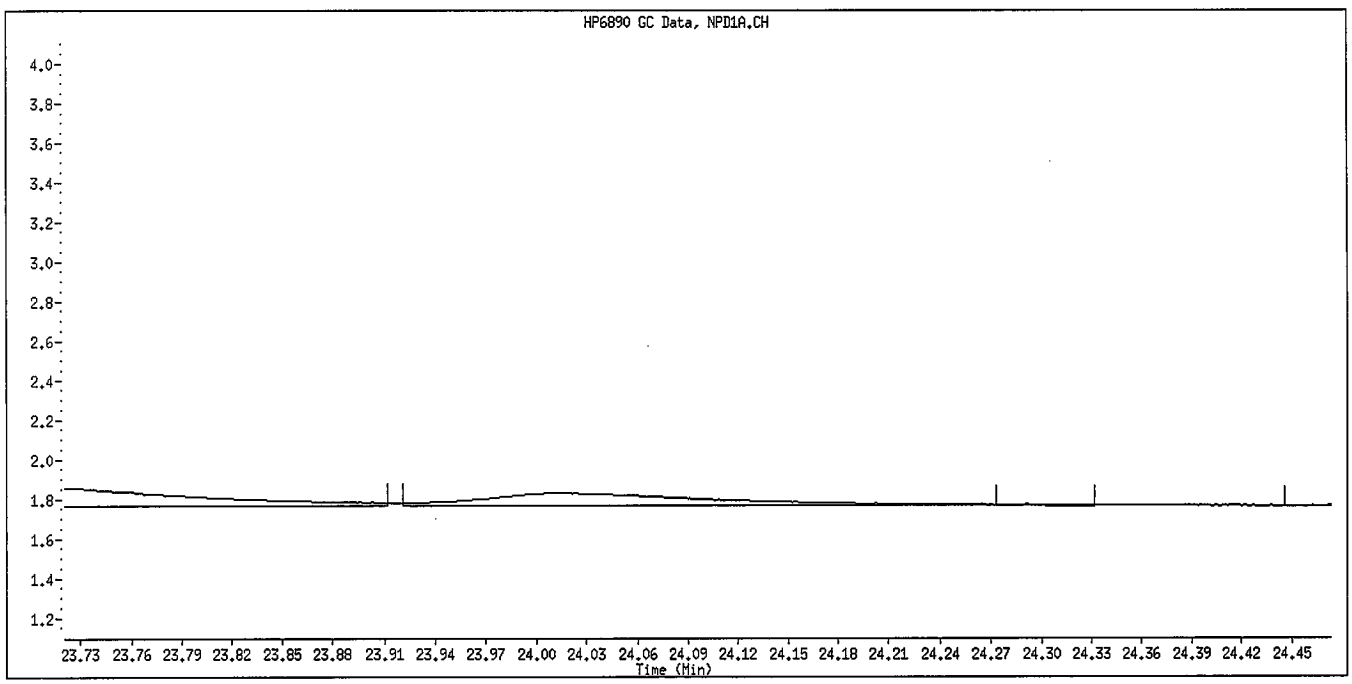
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Carbophenothion
CAS #:
Report Date: 08/07/2009



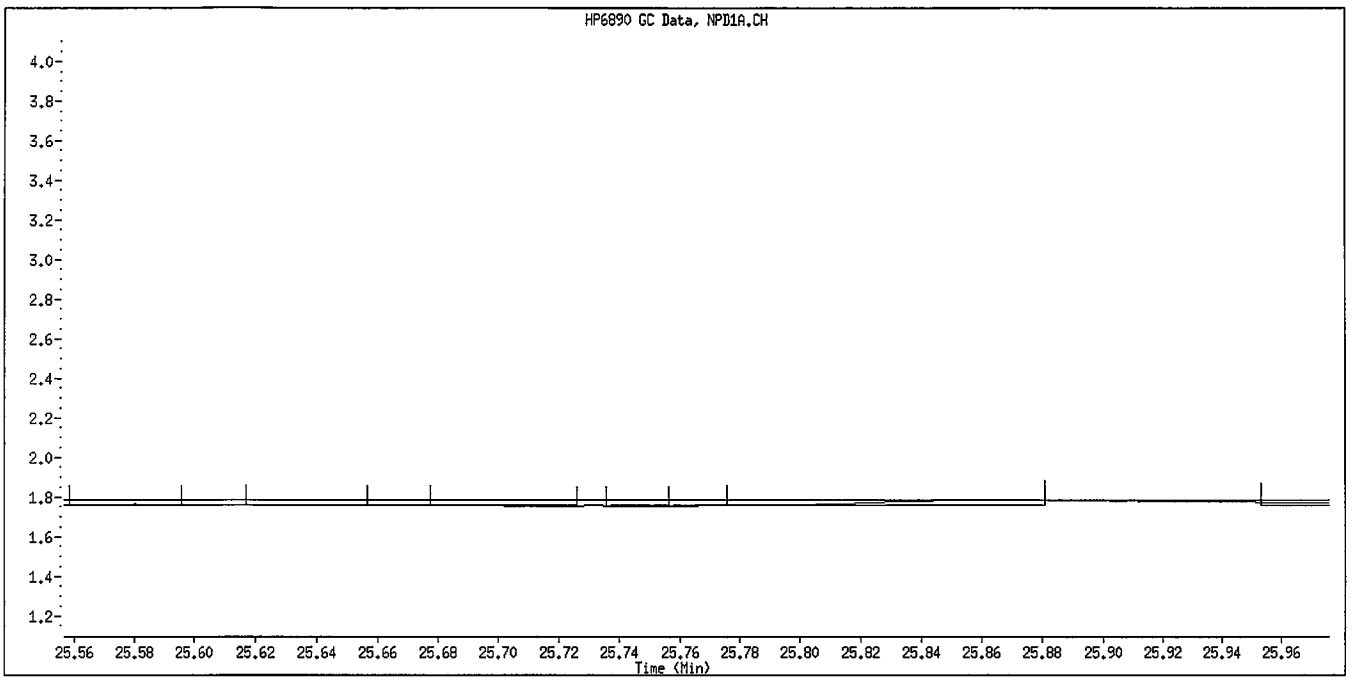
Original Integration



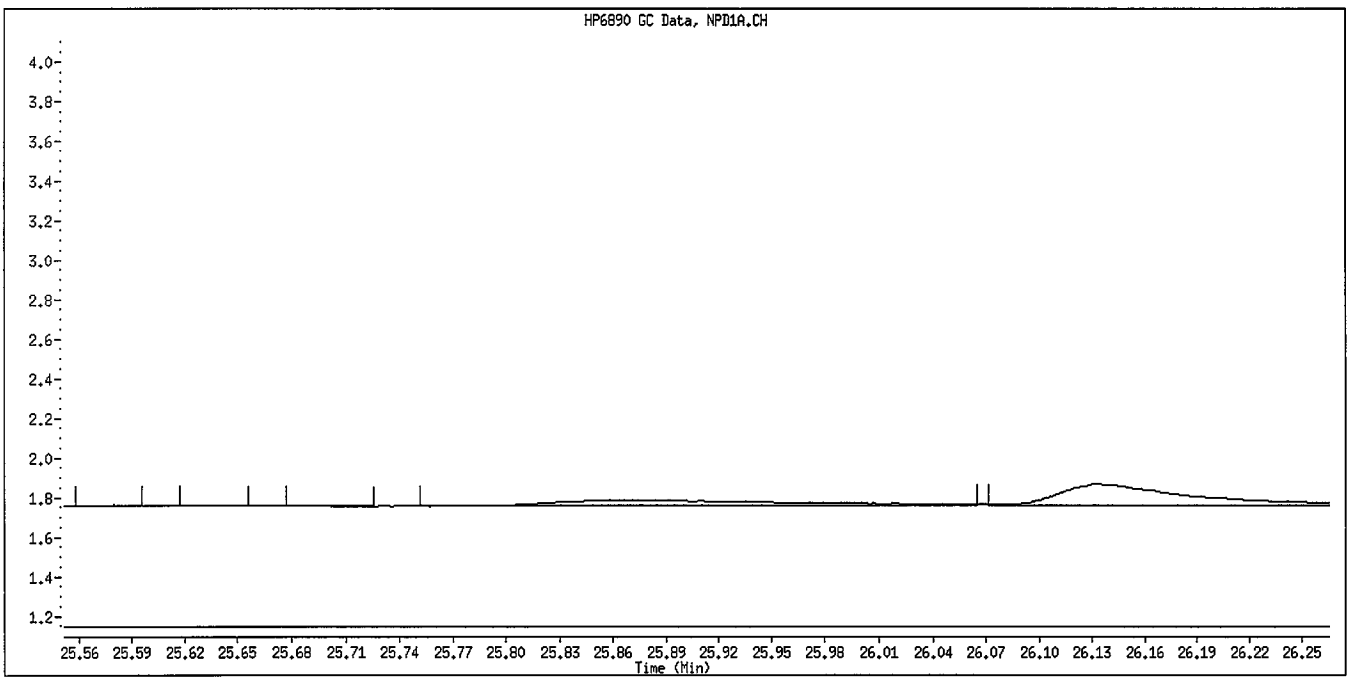
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Phosmet
CAS #:
Report Date: 08/07/2009



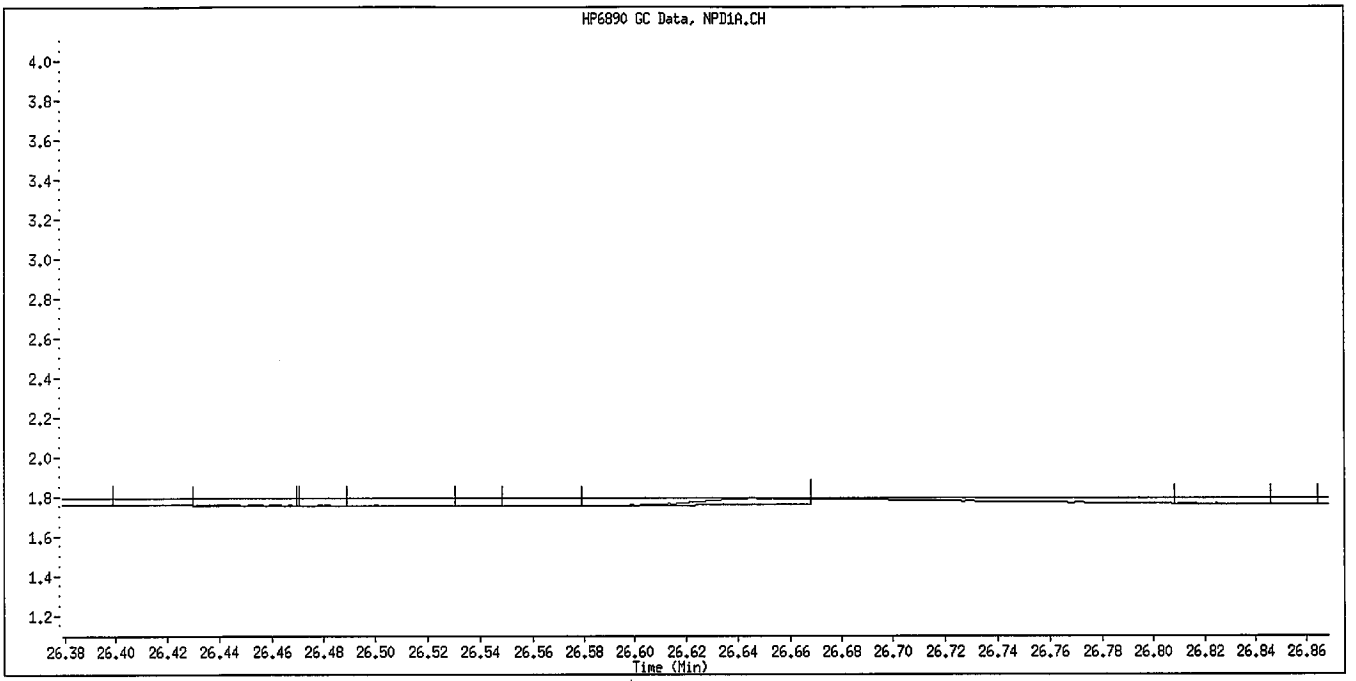
Original Integration



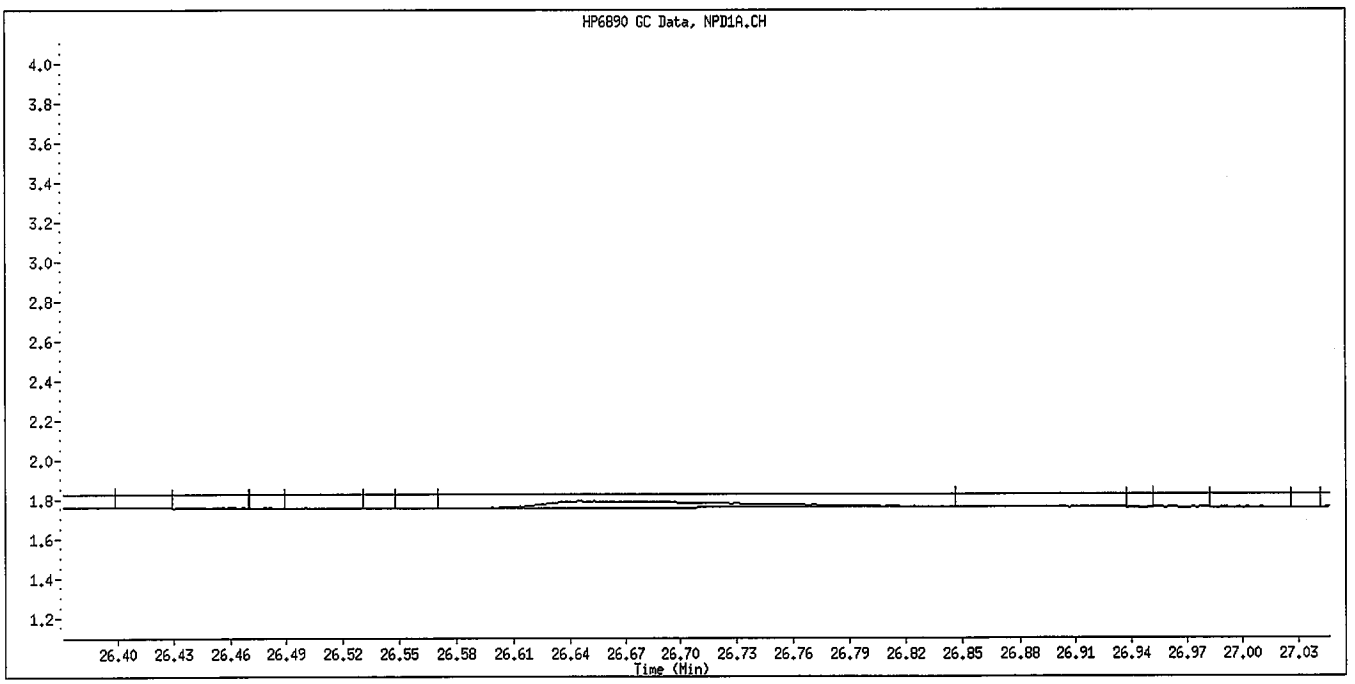
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Azinphos-methyl
CAS #:
Report Date: 08/07/2009



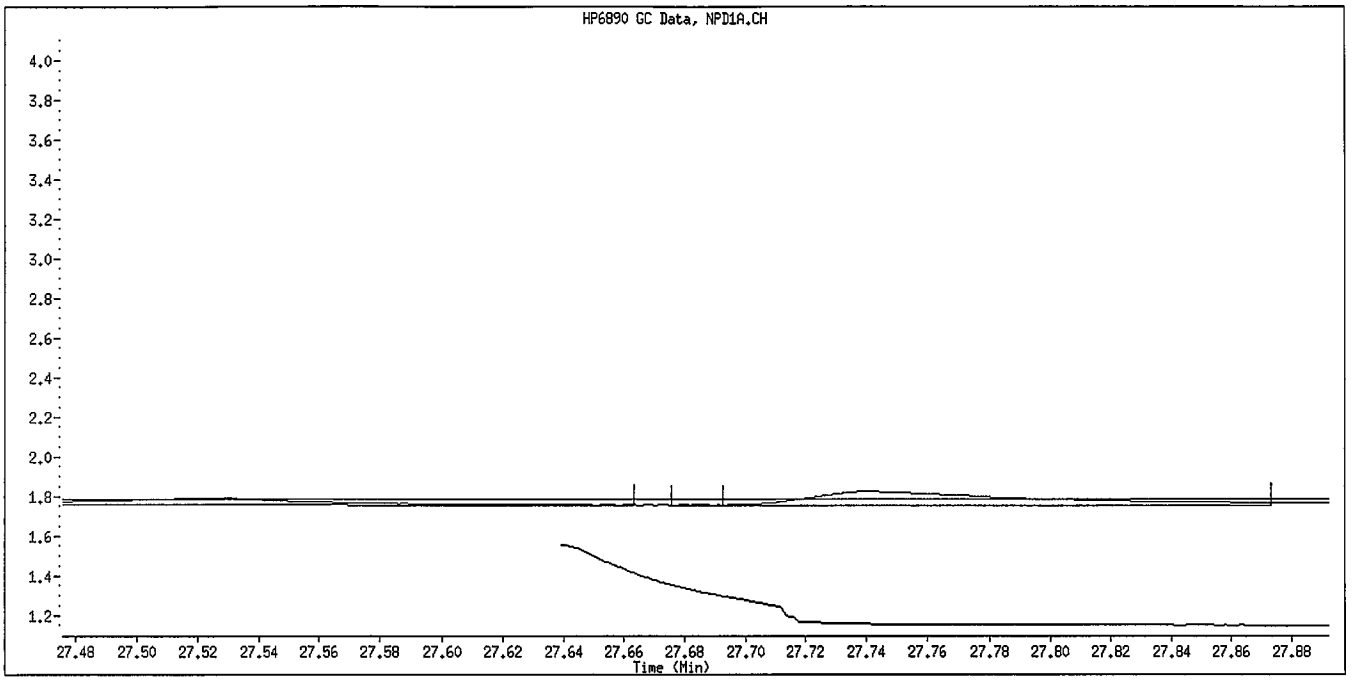
Original Integration



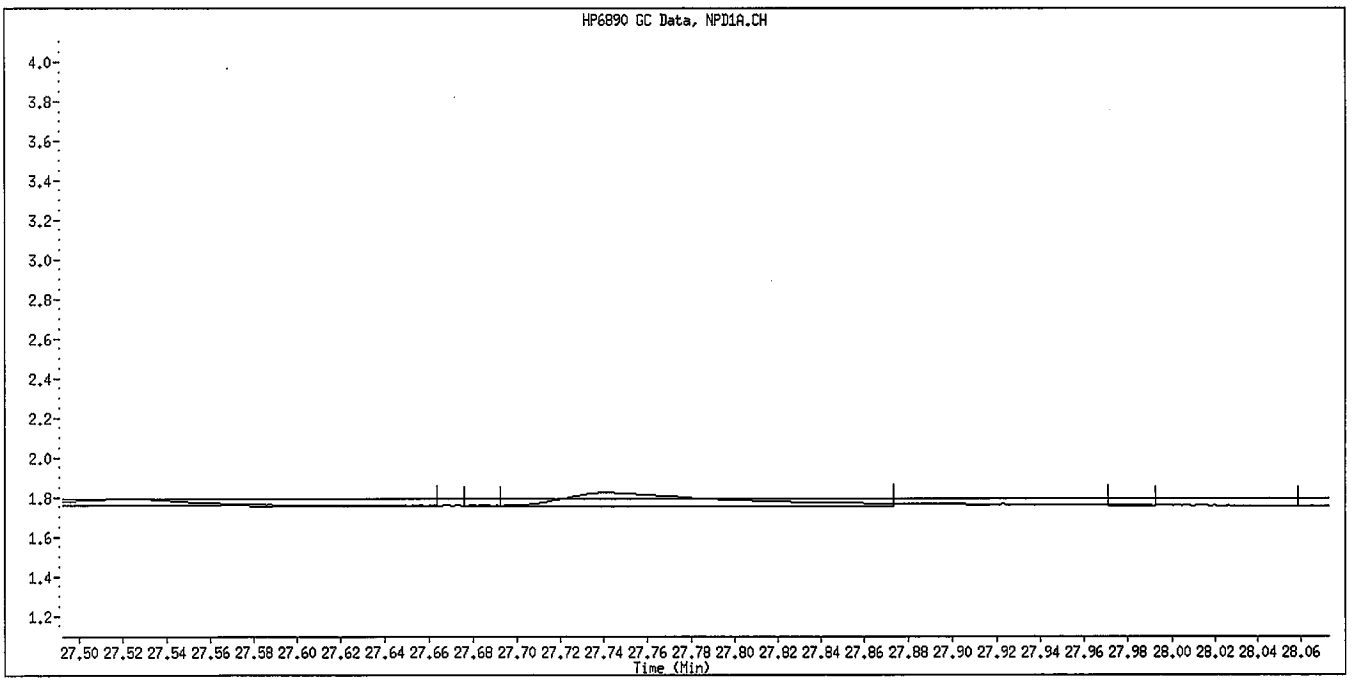
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Coumaphos
CAS #:
Report Date: 08/07/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Analyte Misidentified by the Data System

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\010F1001.D
Lab Smp Id: 8141 SS GSV87609 Client Smp ID: 8141 SS GSV87609
Inj Date : 06-AUG-2009 19:10
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 SS GSV87609
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Meth Date : 07-Aug-2009 13:45 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 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	4.268	4.267	(0.311)	1843004	2.00000	2.240
	2 Dichlorvos	5.867	5.865	(0.428)	743410	2.00000	2.036
	3 Mevinphos	9.417	9.407	(0.687)	235044	2.00000	1.556
$	4 Chlormefos	9.499	9.502	(0.693)	1161313	2.00000	1.736
	5 Thionazin	12.624	12.625	(0.920)	1118392	2.00000	2.235
	6 Demeton-O	12.875	12.876	(0.939)	820859	0.65000	2.025
	7 Ethoprop	13.208	13.205	(0.963)	891351	2.00000	1.994
	8 Naled	13.484	13.482	(0.983)	276089	2.00000	1.706
*	9 Tributylphosphate	13.717	13.714	(1.000)	867584	2.00000	
	10 Sulfotepp	14.143	14.143	(1.031)	1336752	2.00000	1.968
	11 Phorate	14.226	14.227	(1.037)	730629	2.00000	1.634
	12 Dimethoate	14.431	14.416	(1.052)	875203	2.00000	2.182
	13 Demeton-S	14.693	14.682	(1.071)	70754	1.36000	0.2056
	14 Simazine	14.788	14.783	(1.078)	366944	2.00000	2.469
	15 Atrazine	15.000	14.997	(1.094)	417241	2.00000	2.161
	16 propazine	15.181	15.178	(1.107)	419363	2.00000	2.193
	17 Disulfoton	15.867	15.866	(0.586)	846309	2.00000	1.974
	18 Diazinon	15.933	15.934	(0.588)	872162	2.00000	1.867
	19 Methyl Parathion	16.833	16.829	(0.622)	657192	2.00000	1.970
	20 Ronnel	17.458	17.456	(0.645)	726001	2.00000	2.064
	21 Malathion	18.135	18.134	(0.670)	594268	2.00000	1.936
	22 Fenthion	18.287	18.284	(0.675)	680633	2.00000	1.906
	23 Parathion	18.392	18.392	(0.679)	735997	2.00000	2.060
	24 Chlorpyrifos	18.450	18.451	(0.681)	860875	2.00000	1.977
	25 Trichloronate	18.959	18.958	(0.700)	791359	2.00000	1.809
	26 Anilazine	19.352	19.345	(0.715)	33556	2.00000	1.250
	27 Merphos-A (Merphos)	19.802	19.804	(0.731)	58433	2.00000	0.2980
	28 Tetrachlorvinphos (Stirophos)	20.536	20.532	(0.758)	455941	2.00000	1.889
	29 Tokuthion	21.279	21.278	(0.786)	808333	2.00000	1.943
	30 Merphos-B (Merphos Oxone)	21.536	21.536	(0.795)	710217	2.00000	11.88(A)
	31 Carbophenothion-methyl	22.261	22.254	(0.822)	368687	2.00000	1.330
	32 Fensulfothion	22.488	22.465	(0.831)	491939	2.00000	1.966
	33 Bolstar / Famphur	23.631	23.627	(0.873)	1504693	4.00000	4.213

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	23.951	23.947	(0.885)	712364	2.00000	2.116
$	35 Triphenyl phosphate	25.278	25.270	(0.934)	494576	2.00000	1.848
	36 Phosmet	25.773	25.769	(0.952)	619156	2.00000	2.272
	37 EPN	26.102	26.097	(0.964)	765092	2.00000	2.210
	38 Azinphos-methyl	26.589	26.584	(0.982)	466871	2.00000	1.850
*	39 TOCP	27.076	27.076	(1.000)	613099	2.00000	
	40 Azinphos-ethyl	27.176	27.172	(1.004)	654822	2.00000	2.055
	41 Coumaphos	27.701	27.694	(1.023)	508925	2.00000	1.937
M	42 Total Demeton				891613	2.00000	2.231
M	43 Merphos				768650	2.00000	1.898

QC Flag Legend

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

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D.i
Lab File ID: 010F1001.D
Lab Smp Id: 8141 SS GSV87609
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Misc Info:

Calibration Date: 07-AUG-2009
Calibration Time: 06:42
Client Smp ID: 8141 SS GSV8760
Level:
Sample Type:

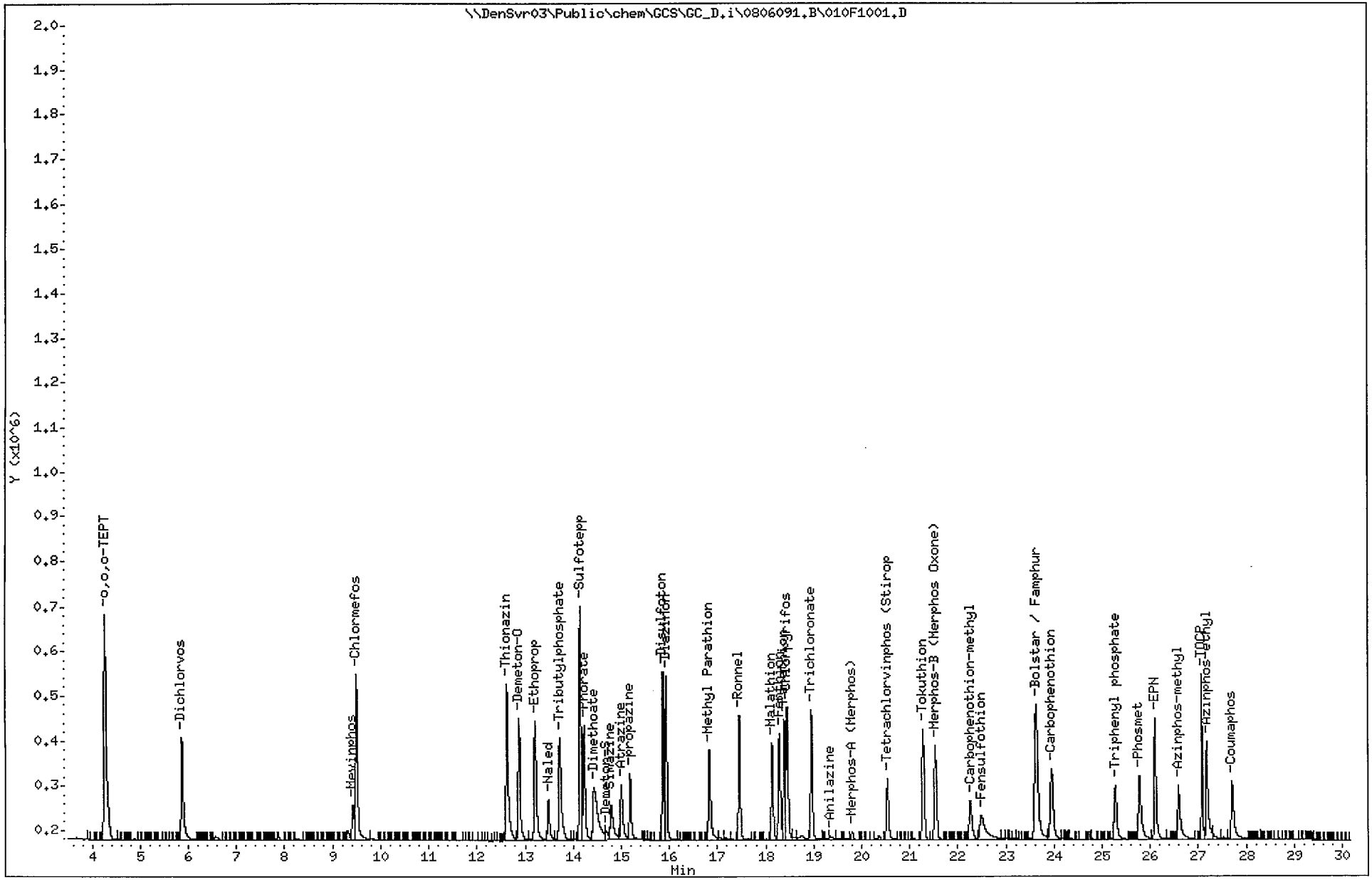
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	1034306	517153	2068612	867584	-16.12
39 TOCP	695324	347662	1390648	613099	-11.83

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.70	13.20	14.20	13.72	0.13
39 TOCP	27.08	26.58	27.58	27.08	-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_D.i\0806091.B\010F1001.D
Date : 06-AUG-2009 19:10
Client ID: 8141 SS GSV87609
Sample Info: 8141 SS GSV87609

Instrument: GC_D.i
Operator: MPK/TLW
Column phase: RTx-1MS
Column diameter: 0.32



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\003F0301.D
Lab Smp Id: 8141 L7 GSV82609 Client Smp ID: 8141 L7 GSV82609
Inj Date : 06-AUG-2009 14:56
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L7 GSV82609
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Meth Date : 07-Aug-2009 13:43 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 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	6.790	6.758	(0.419)	4502240	5.00000	4.256
	2 Dichlorvos	8.964	8.952	(0.554)	2218734	5.00000	4.705
$	3 Chlormefos	12.887	12.885	(0.796)	3329933	5.00000	4.827
	4 Mevinphos	13.005	13.006	(0.803)	1418878	5.00000	4.842
	5 Demeton-O	15.939	15.939	(0.985)	687790	1.62500	1.589
	6 Thionazin	16.067	16.067	(0.992)	2959832	5.00000	4.615
*	7 Tributylphosphate	16.190	16.193	(1.000)	1131223	2.00000	
	8 Ethoprop	16.333	16.332	(1.009)	2583304	5.00000	4.705
	9 Naled	16.921	16.921	(1.045)	1131291	5.00000	5.030(A)
	10 Sulfotepp	17.234	17.234	(1.064)	4270412	5.00000	4.519
	11 Phorate	17.269	17.268	(1.067)	2084335	5.00000	4.361
	12 Demeton-S	17.961	17.962	(1.109)	1474470	3.40000	3.394
	13 Simazine	18.366	18.368	(1.134)	674577	5.00000	5.004(A)
	14 Atrazine / Propazine	18.434	18.434	(1.139)	2608160	10.0000	10.04(A)
	15 Dimethoate	18.566	18.569	(1.147)	2698083	5.00000	4.812
	16 Diazinon	18.966	18.967	(1.171)	2467752	5.00000	4.401
	17 Disulfoton	19.229	19.231	(1.188)	2617710	5.00000	4.622
	18 Methyl Parathion	21.131	21.132	(0.736)	1936768	5.00000	4.722(A)
	19 Ronnel	21.220	21.222	(0.739)	2282209	5.00000	4.726
	20 Malathion	22.495	22.492	(0.784)	1824966	5.00000	4.653
	21 Chlorpyrifos	22.646	22.644	(0.789)	2210724	5.00000	4.848
	22 Trichloronate	22.819	22.819	(0.795)	2890038	5.00000	5.071(A)
	23 Parathion	22.866	22.866	(0.797)	2140679	5.00000	4.818
	24 Fenthion	22.940	22.942	(0.799)	2341329	5.00000	4.762
	25 Merphos-A (Merphos)	23.475	23.472	(0.818)	1728719	5.00000	4.846
	26 Anilazine	24.446	24.451	(0.852)	195793	5.00000	5.229(A)
	27 Tetrachlorvinphos (stirophos)	25.869	25.869	(0.901)	1682420	5.00000	5.160(A)
	28 Tokuthion	26.044	26.043	(0.907)	2649007	5.00000	5.009(A)
	29 Merphos-B (Merphos oxone)	26.174	26.176	(0.912)	547067	5.00000	4.927
	30 Carbophenothion methyl	26.998	26.999	(0.941)	1930580	5.00000	5.222(A)
	31 Fensulfothion	27.236	27.237	(0.949)	1541611	5.00000	4.702
	32 Bolstar	27.347	27.347	(0.953)	2235624	5.00000	4.416
	33 Carbophenothion	27.459	27.460	(0.957)	2095716	5.00000	4.953

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Famphur	27.644	27.644	(0.963)	1943080	5.00000	5.026(A)
$	35 Triphenyl phosphate	27.933	27.932	(0.973)	1616846	5.00000	4.469
	36 EPN	28.241	28.240	(0.984)	1898338	5.00000	4.574
	37 Phosmet	28.367	28.366	(0.988)	1655568	5.00000	4.808
*	38 TOCP	28.705	28.705	(1.000)	836128	2.00000	
	39 Azinphos-methyl	28.816	28.816	(1.004)	1429834	5.00000	4.967
	40 Azinphos-ethyl	29.128	29.127	(1.015)	1454184	5.00000	4.795
	41 Coumaphos	29.454	29.453	(1.026)	1373774	5.00000	4.979
M	42 Total Demeton				2162260	5.00000	4.984
M	43 Merphos				2275786	5.00000	4.636(A)

QC Flag Legend

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

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

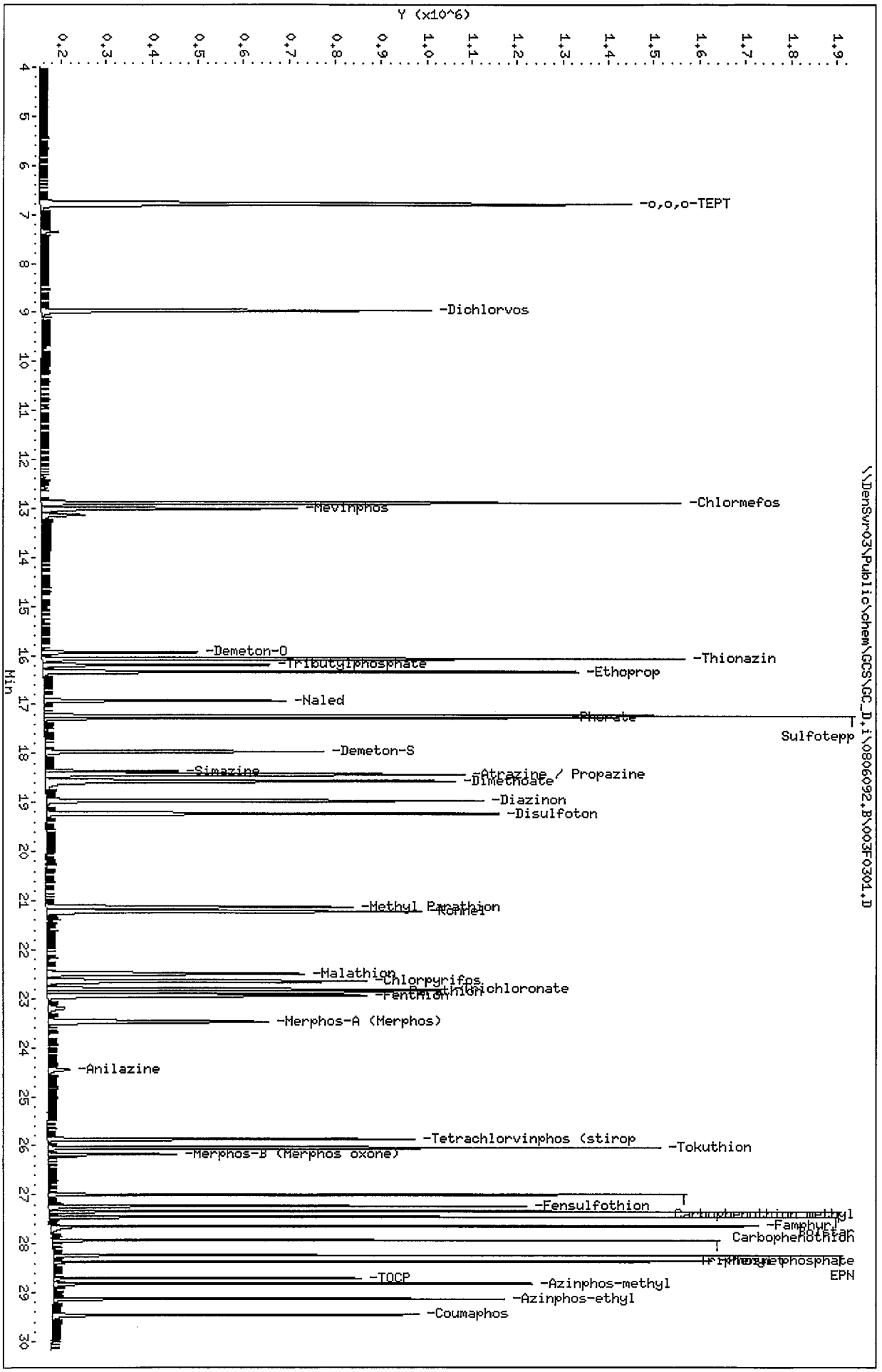
Instrument ID: GC_D.i
Lab File ID: 003F0301.D
Lab Smp Id: 8141 L7 GSV82609
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Misc Info:

Calibration Date: 06-AUG-2009
Calibration Time: 19:10
Client Smp ID: 8141 L7 GSV8260
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	989795	494898	1979590	1131223	14.29
38 TOCP	732545	366273	1465090	836128	14.14

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.19	15.69	16.69	16.19	-0.02
38 TOCP	28.70	28.20	29.20	28.71	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_D,i\0806092.B\003F0301.D
Date : 06-AUG-2009 14:56
Client ID: 8141 L7 GSV82609
Sample Info: 8141 L7 GSV82609
Column phase: RTx-OPPest

Instrument: GC_D,i
Operator: MPK/TLH
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\004F0401.D
Lab Smp Id: 8141 L6 GSV87009 Client Smp ID: 8141 L6 GSV87009
Inj Date : 06-AUG-2009 15:32
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L6 GSV87009
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Meth Date : 07-Aug-2009 13:43 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 14:56 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	6.760	6.758	(0.417)	3613463	4.00000	3.720
	2 Dichlorvos	8.953	8.952	(0.553)	1768273	4.00000	4.084
$	3 Chlormefos	12.886	12.885	(0.796)	2624051	4.00000	4.132
	4 Mevinphos	13.004	13.006	(0.803)	1096662	4.00000	4.082
	5 Demeton-O	15.939	15.939	(0.984)	520374	1.30000	1.309
	6 Thionazin	16.067	16.067	(0.992)	2340635	4.00000	3.974
*	7 Tributylphosphate	16.192	16.193	(1.000)	1038841	2.00000	
	8 Ethoprop	16.332	16.332	(1.009)	2051405	4.00000	4.045
	9 Naled	16.921	16.921	(1.045)	787967	4.00000	3.918
	10 Sulfotepp	17.233	17.234	(1.064)	3390840	4.00000	3.907
	11 Phorate	17.269	17.268	(1.066)	1624819	4.00000	3.702
	12 Demeton-S	17.961	17.962	(1.109)	1151737	2.72000	2.887
	13 Simazine	18.367	18.368	(1.134)	492868	4.00000	4.040
	14 Atrazine / Propazine	18.432	18.434	(1.138)	1954099	8.00000	8.196(A)
	15 Dimethoate	18.566	18.569	(1.147)	2052825	4.00000	3.997
	16 Diazinon	18.967	18.967	(1.171)	1940014	4.00000	3.768
	17 Disulfoton	19.229	19.231	(1.188)	2045262	4.00000	3.933
	18 Methyl Parathion	21.130	21.132	(0.736)	1488025	4.00000	4.044(A)
	19 Ronnel	21.221	21.222	(0.739)	1735137	4.00000	3.993
	20 Malathion	22.494	22.492	(0.784)	1406900	4.00000	3.992
	21 Chlorpyrifos	22.644	22.644	(0.789)	1671357	4.00000	4.079
	22 Trichloronate	22.819	22.819	(0.795)	2093978	4.00000	4.095
	23 Parathion	22.865	22.866	(0.797)	1741701	4.00000	4.252
	24 Fenthion	22.942	22.942	(0.799)	1789955	4.00000	4.042
	25 Merphos-A (Merphos)	23.473	23.472	(0.818)	1339983	4.00000	4.192
	26 Anilazine	24.451	24.451	(0.852)	129151	4.00000	3.867(M)
	27 Tetrachlorvinphos (stirophos)	25.870	25.869	(0.901)	1220938	4.00000	4.177
	28 Tokuthion	26.046	26.043	(0.907)	2002622	4.00000	4.208
	29 Merphos-B (Merphos oxone)	26.175	26.176	(0.912)	439795	4.00000	4.024
	30 Carbophenothion methyl	26.999	26.999	(0.941)	1444721	4.00000	4.343
	31 Fensulfothion	27.237	27.237	(0.949)	1195644	4.00000	4.065
	32 Bolstar	27.347	27.347	(0.953)	1755208	4.00000	3.853
	33 Carbophenothion	27.460	27.460	(0.957)	1586342	4.00000	4.167

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Famphur	27.644	27.644	(0.963)	1480451	4.00000	4.255
$	35 Triphenyl phosphate	27.932	27.932	(0.973)	1280032	4.00000	3.932
	36 EPN	28.239	28.240	(0.984)	1483979	4.00000	3.974
	37 Phosmet	28.366	28.366	(0.988)	1249688	4.00000	4.042
*	38 TOCP	28.705	28.705	(1.000)	752380	2.00000	
	39 Azinphos-methyl	28.816	28.816	(1.004)	1072140	4.00000	4.148
	40 Azinphos-ethyl	29.127	29.127	(1.015)	1110566	4.00000	4.069
	41 Coumaphos	29.452	29.453	(1.026)	1021332	4.00000	4.121
M	42 Total Demeton				1672111	4.00000	4.196
M	43 Merphos				1779778	4.00000	4.029(A)

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

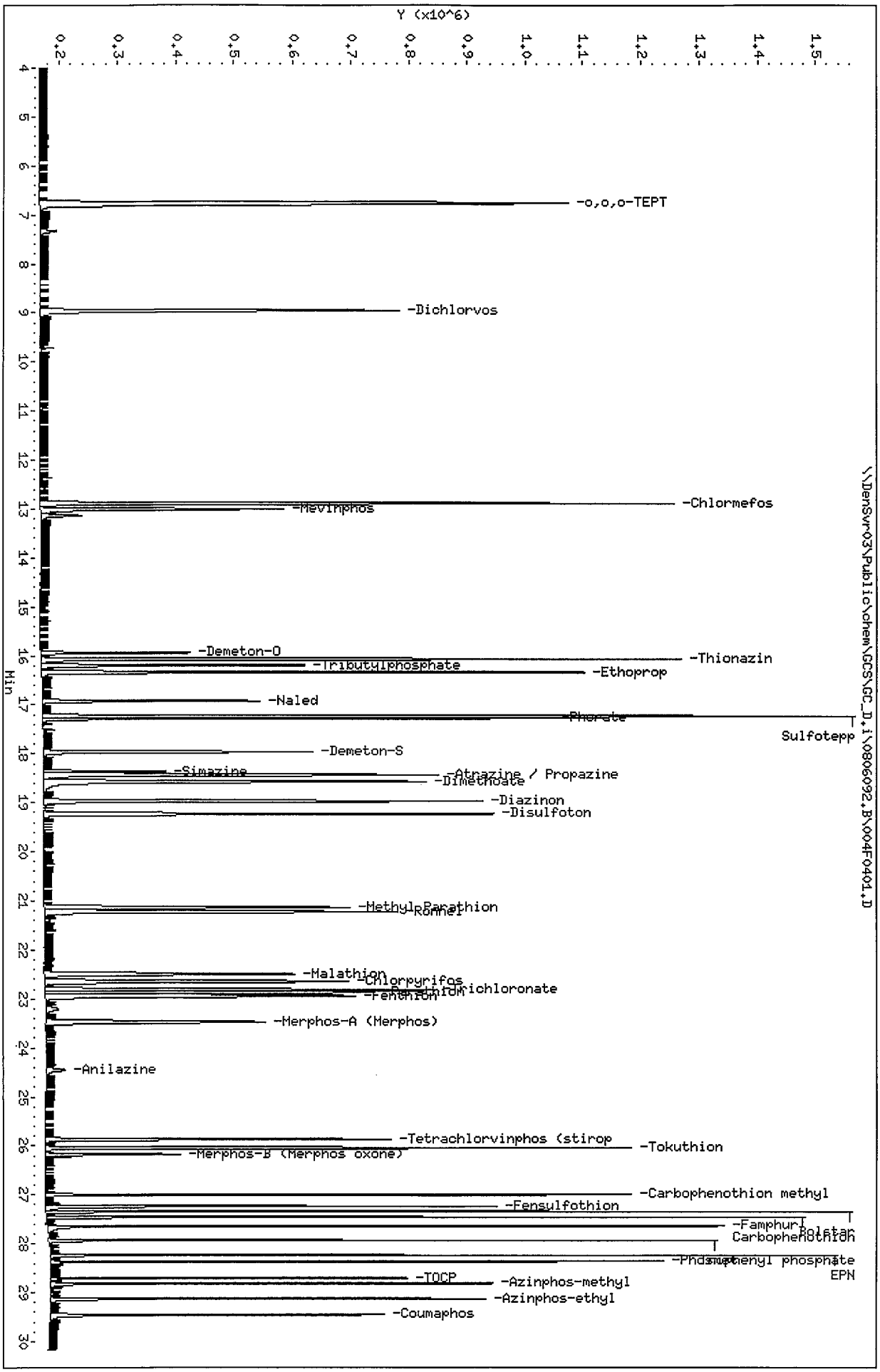
Instrument ID: GC_D.i
Lab File ID: 004F0401.D
Lab Smp Id: 8141 L6 GSV87009
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Misc Info:

Calibration Date: 06-AUG-2009
Calibration Time: 19:10
Client Smp ID: 8141 L6 GSV8700
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	989795	494898	1979590	1038841	4.96
38 TOCP	732545	366273	1465090	752380	2.71

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.19	15.69	16.69	16.19	-0.01
38 TOCP	28.70	28.20	29.20	28.71	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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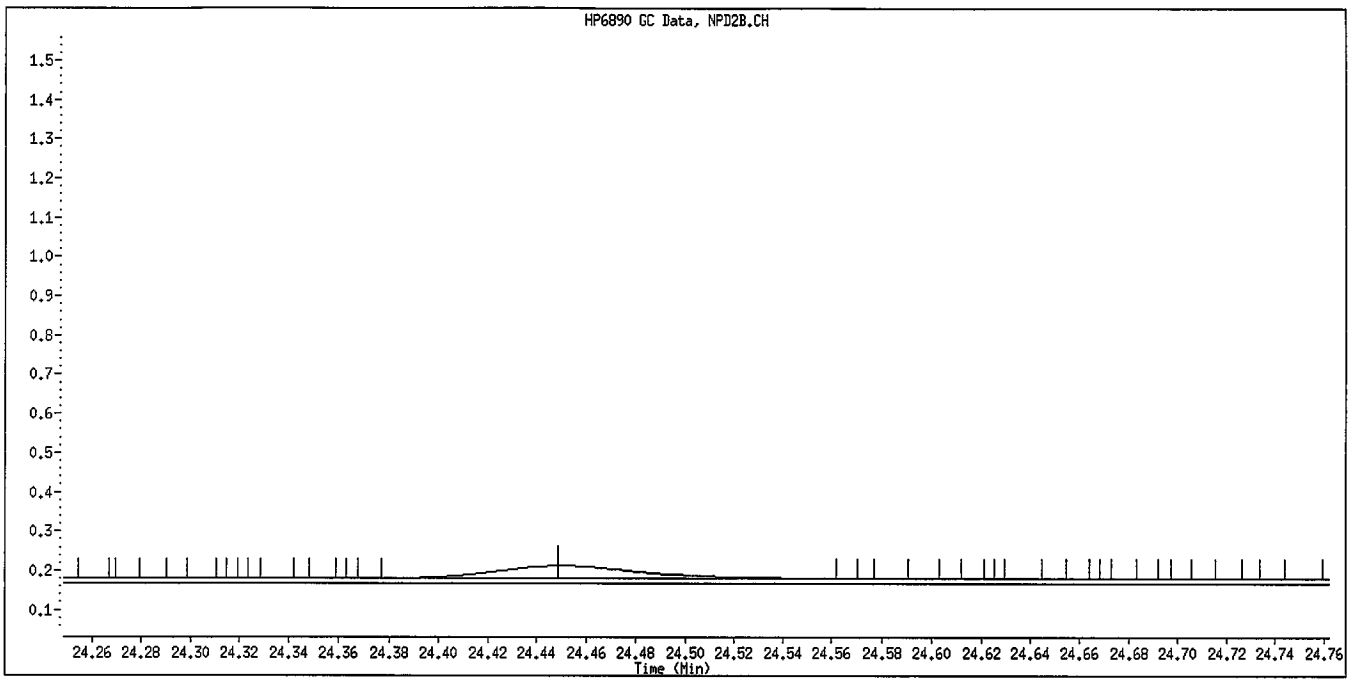
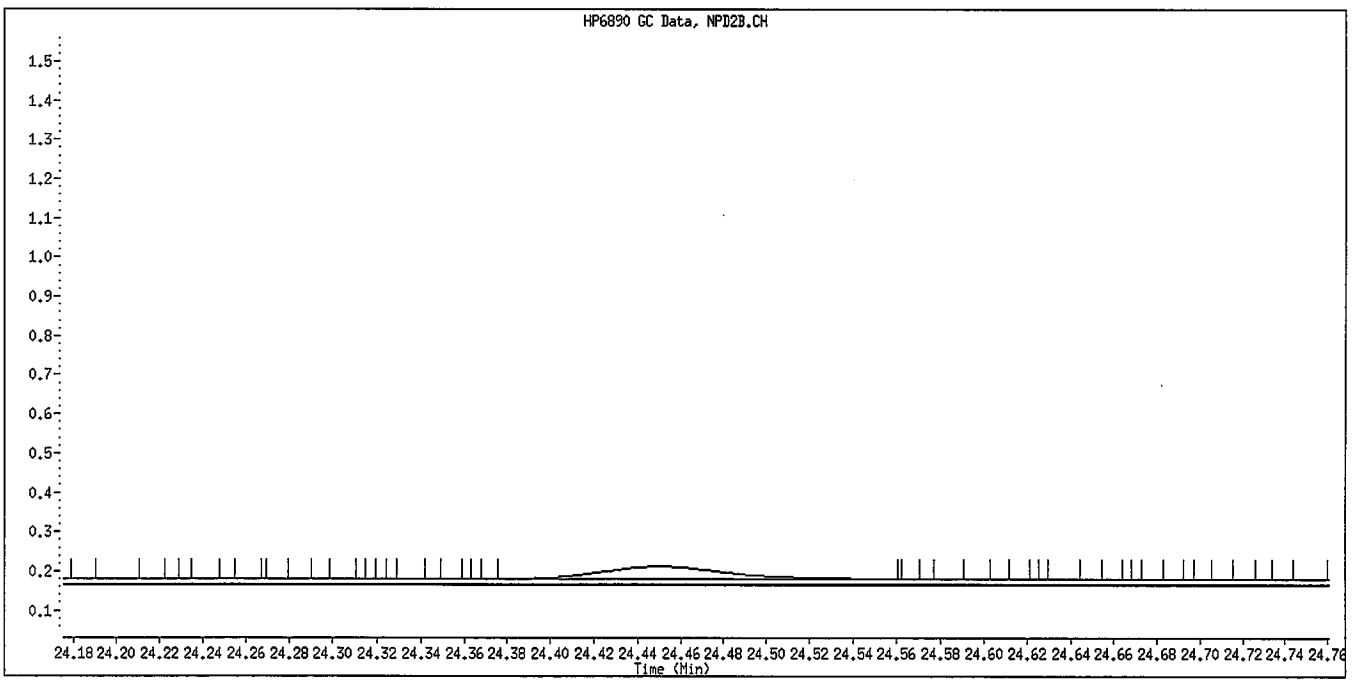
-Dichlorvos
-Chlormefos
-Mevinphos
-Demeton-O
-Thionazin
-Tributylphosphate
-Ethoprop
-Naled
-Phorate
Sulfotepp
-Demeton-S
-Simazine
-Atrazine / Propazine
-Dimethoate
-Diazinon
-Disulfoton
-Methyl Parathion
Ronnel
-Malathion
-Chlorpyrifos
-Fenthion
-Merphos-A (Merphos)
-Anilazine
-Tetrachlorvinphos (stirop
-Tokuthion
-Merphos-B (Merphos oxone)
-Carbophenothion methyl
-Fensulfothion
-Famphur
Carbophenothion
-Phosphorothioic acid, O-(4-methylphenyl) O-phenyl phosphate
EPN
-TOCP
-Azinphos-methyl
-Azinphos-ethyl
-Coumaphos
\\DenSvr03\Public\chem\GCS\GC_D,i\0806092.B\004F0401.D
Data File: \\DenSvr03\Public\chem\GCS\GC_D,i\0806092.B\004F0401.D
Date : 06-AUG-2009 15:32
Client ID: 8141 L6 GSV87009
Sample Info: 8141 L6 GSV87009
Column phase: RTx-OPPest
Instrument: GC_D,i
Operator: MPK/TLW
Column diameter: 0.32
Page 4

Data File Name: 004F0401.D
Inj. Date and Time: 06-AUG-2009 15:32
Instrument ID: GC_D.i
Client ID: 8141 L6 GSV87009
Compound Name: Anilazine
CAS #:
Report Date: 08/07/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\005F0501.D
Lab Smp Id: 8141 L5 GSV87109 Client Smp ID: 8141 L5 GSV87109
Inj Date : 06-AUG-2009 16:08
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L5 GSV87109
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Meth Date : 07-Aug-2009 13:43 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 15:32 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	6.758	6.758	(0.417)	2799704	3.00000	2.781
	2 Dichlorvos	8.952	8.952	(0.553)	1333315	3.00000	2.971
$	3 Chlormefos	12.884	12.885	(0.796)	2008587	3.00000	3.033
	4 Mevinphos	13.005	13.006	(0.803)	847872	3.00000	3.057
	5 Demeton-O	15.939	15.939	(0.984)	412863	0.97500	1.002
	6 Thionazin	16.067	16.067	(0.992)	1827286	3.00000	2.994
*	7 Tributylphosphate	16.193	16.193	(1.000)	1076666	2.00000	
	8 Ethoprop	16.333	16.332	(1.009)	1622717	3.00000	3.047
	9 Naled	16.920	16.921	(1.045)	617906	3.00000	3.041
	10 Sulfotepp	17.234	17.234	(1.064)	2658508	3.00000	2.956
	11 Phorate	17.269	17.268	(1.066)	1282443	3.00000	2.819
	12 Demeton-S	17.962	17.962	(1.109)	883006	2.04000	2.136
	13 Simazine	18.368	18.368	(1.134)	364617	3.00000	2.966
	14 Atrazine / Propazine	18.434	18.434	(1.138)	1477699	6.00000	5.980(A)
	15 Dimethoate	18.569	18.569	(1.147)	1616390	3.00000	3.051
	16 Diazinon	18.967	18.967	(1.171)	1534143	3.00000	2.875
	17 Disulfoton	19.230	19.231	(1.188)	1604334	3.00000	2.976
	18 Methyl Parathion	21.131	21.132	(0.736)	1163940	3.00000	3.065(A)
	19 Ronnel	21.222	21.222	(0.739)	1338480	3.00000	2.963
	20 Malathion	22.492	22.492	(0.784)	1103657	3.00000	3.022
	21 Chlorpyrifos	22.644	22.644	(0.789)	1290170	3.00000	3.040
	22 Trichloronate	22.819	22.819	(0.795)	1622974	3.00000	3.070
	23 Parathion	22.865	22.866	(0.797)	1339063	3.00000	2.965
	24 Fenthion	22.941	22.942	(0.799)	1408001	3.00000	3.053
	25 Merphos-A (Merphos)	23.472	23.472	(0.818)	1003697	3.00000	3.056
	26 Anilazine	24.450	24.451	(0.852)	101616	3.00000	2.958
	27 Tetrachlorvinphos (stirophos)	25.869	25.869	(0.901)	925221	3.00000	3.066
	28 Tokuthion	26.043	26.043	(0.907)	1535968	3.00000	3.106
	29 Merphos-B (Merphos oxone)	26.175	26.176	(0.912)	395538	3.00000	3.117
	30 Carbophenothion methyl	26.999	26.999	(0.941)	1108708	3.00000	3.207
	31 Fensulfothion	27.237	27.237	(0.949)	932760	3.00000	3.073
	32 Bolstar	27.346	27.347	(0.953)	1385729	3.00000	2.927
	33 Carbophenothion	27.459	27.460	(0.957)	1220101	3.00000	3.083

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Famphur	27.644	27.644	(0.963)	1132909	3.00000	3.133
$	35 Triphenyl phosphate	27.932	27.932	(0.973)	1016178	3.00000	3.003
	36 EPN	28.239	28.240	(0.984)	1171469	3.00000	3.018
	37 Phosmet	28.365	28.366	(0.988)	974935	3.00000	3.048
*	38 TOCP	28.704	28.705	(1.000)	781995	2.00000	
	39 Azinphos-methyl	28.815	28.816	(1.004)	823806	3.00000	3.081
	40 Azinphos-ethyl	29.127	29.127	(1.015)	875242	3.00000	3.086
	41 Coumaphos	29.453	29.453	(1.026)	780746	3.00000	3.043
M	42 Total Demeton				1295869	3.00000	3.138
M	43 Merphos				1399235	3.00000	3.046(A)

QC Flag Legend

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

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D.i
Lab File ID: 005F0501.D
Lab Smp Id: 8141 L5 GSV87109
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Misc Info:

Calibration Date: 06-AUG-2009
Calibration Time: 19:10
Client Smp ID: 8141 L5 GSV8710
Level:
Sample Type:

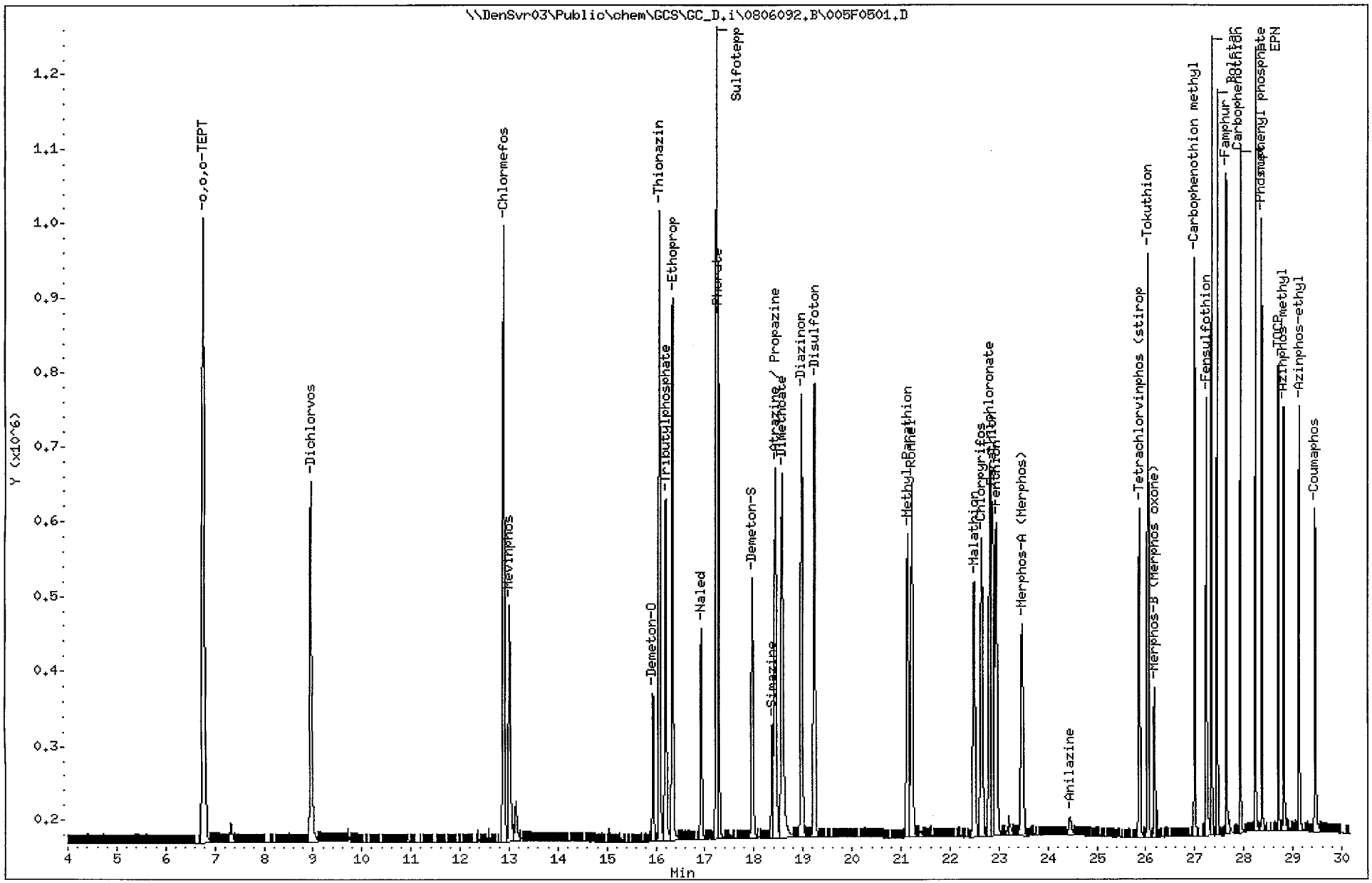
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	989795	494898	1979590	1076666	8.78
38 TOCP	732545	366273	1465090	781995	6.75

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.19	15.69	16.69	16.19	-0.01
38 TOCP	28.70	28.20	29.20	28.70	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_D.i\0806092.B\005F0501.D
Date : 06-AUG-2009 16:08
Client ID: 8141 L5 GSV87109
Sample Info: 8141 L5 GSV87109

Instrument: GC_D.i
Operator: MPK/TLW
Column phase: RTx-OPPest
Column diameter: 0.32



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\006F0601.D
Lab Smp Id: 8141 L4 GSV87209 Client Smp ID: 8141 L4 GSV87209
Inj Date : 06-AUG-2009 16:45
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L4 GSV87209
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Meth Date : 07-Aug-2009 13:43 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 16:08 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	6.762	6.758	(0.418)	1914198	2.00000	2.014
	2 Dichlorvos	8.958	8.952	(0.553)	874015	2.00000	2.064
$	3 Chlormefos	12.887	12.885	(0.796)	1328045	2.00000	2.103
	4 Mevinphos	13.009	13.006	(0.803)	555210	2.00000	2.135
	5 Demeton-O	15.940	15.939	(0.984)	271398	0.65000	0.6980
	6 Thionazin	16.069	16.067	(0.992)	1221359	2.00000	2.120
*	7 Tributylphosphate	16.195	16.193	(1.000)	1016126	2.00000	
	8 Ethoprop	16.335	16.332	(1.009)	1095403	2.00000	2.130
	9 Naled	16.922	16.921	(1.045)	373106	2.00000	2.032
	10 Sulfotepp	17.235	17.234	(1.064)	1787767	2.00000	2.106
	11 Phorate	17.268	17.268	(1.066)	854395	2.00000	1.990
	12 Demeton-S	17.965	17.962	(1.109)	565529	1.36000	1.449
	13 Simazine	18.371	18.368	(1.134)	217050	2.00000	1.977
	14 Atrazine / Propazine	18.435	18.434	(1.138)	954882	4.00000	4.094
	15 Dimethoate	18.574	18.569	(1.147)	1037511	2.00000	2.094
	16 Diazinon	18.969	18.967	(1.171)	1036618	2.00000	2.058
	17 Disulfoton	19.231	19.231	(1.188)	1063966	2.00000	2.092
	18 Methyl Parathion	21.134	21.132	(0.736)	753320	2.00000	2.090(A)
	19 Ronnel	21.221	21.222	(0.739)	868895	2.00000	1.999
	20 Malathion	22.495	22.492	(0.784)	728530	2.00000	2.084
	21 Chlorpyrifos	22.645	22.644	(0.789)	832490	2.00000	2.052
	22 Trichloronate	22.819	22.819	(0.795)	1021736	2.00000	2.031
	23 Parathion	22.866	22.866	(0.797)	893471	2.00000	1.967
	24 Fenthion	22.943	22.942	(0.799)	922040	2.00000	2.070
	25 Merphos-A (Merphos)	23.475	23.472	(0.818)	631476	2.00000	2.042
	26 Anilazine	24.455	24.451	(0.852)	64885	2.00000	2.006(M)
	27 Tetrachlorvinphos (stirophos)	25.870	25.869	(0.901)	576694	2.00000	2.014
	28 Tokuthion	26.044	26.043	(0.907)	995028	2.00000	2.091
	29 Merphos-B (Merphos oxone)	26.176	26.176	(0.912)	293170	2.00000	1.995
	30 Carbophenothion methyl	27.000	26.999	(0.941)	713460	2.00000	2.144
	31 Fensulfothion	27.240	27.237	(0.949)	603115	2.00000	2.094
	32 Bolstar	27.347	27.347	(0.953)	934727	2.00000	2.052
	33 Carbophenothion	27.460	27.460	(0.957)	792249	2.00000	2.080

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Famphur	27.645	27.644	(0.963)	755474	2.00000	2.171
$	35 Triphenyl phosphate	27.934	27.932	(0.973)	686859	2.00000	2.109
	36 EPN	28.240	28.240	(0.984)	787334	2.00000	2.108
	37 Phosmet	28.367	28.366	(0.988)	636769	2.00000	2.087
*	38 TOCP	28.705	28.705	(1.000)	752526	2.00000	
	39 Azinphos-methyl	28.817	28.816	(1.004)	524807	2.00000	2.058
	40 Azinphos-ethyl	29.129	29.127	(1.015)	585286	2.00000	2.144
	41 Coumaphos	29.456	29.453	(1.026)	504566	2.00000	2.058
M	42 Total Demeton				836927	2.00000	2.148
M	43 Merphos				924646	2.00000	2.091(A)

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_D.i
Lab File ID: 006F0601.D
Lab Smp Id: 8141 L4 GSV87209
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Misc Info:

Calibration Date: 06-AUG-2009
Calibration Time: 19:10
Client Smp ID: 8141 L4 GSV8720
Level:
Sample Type:

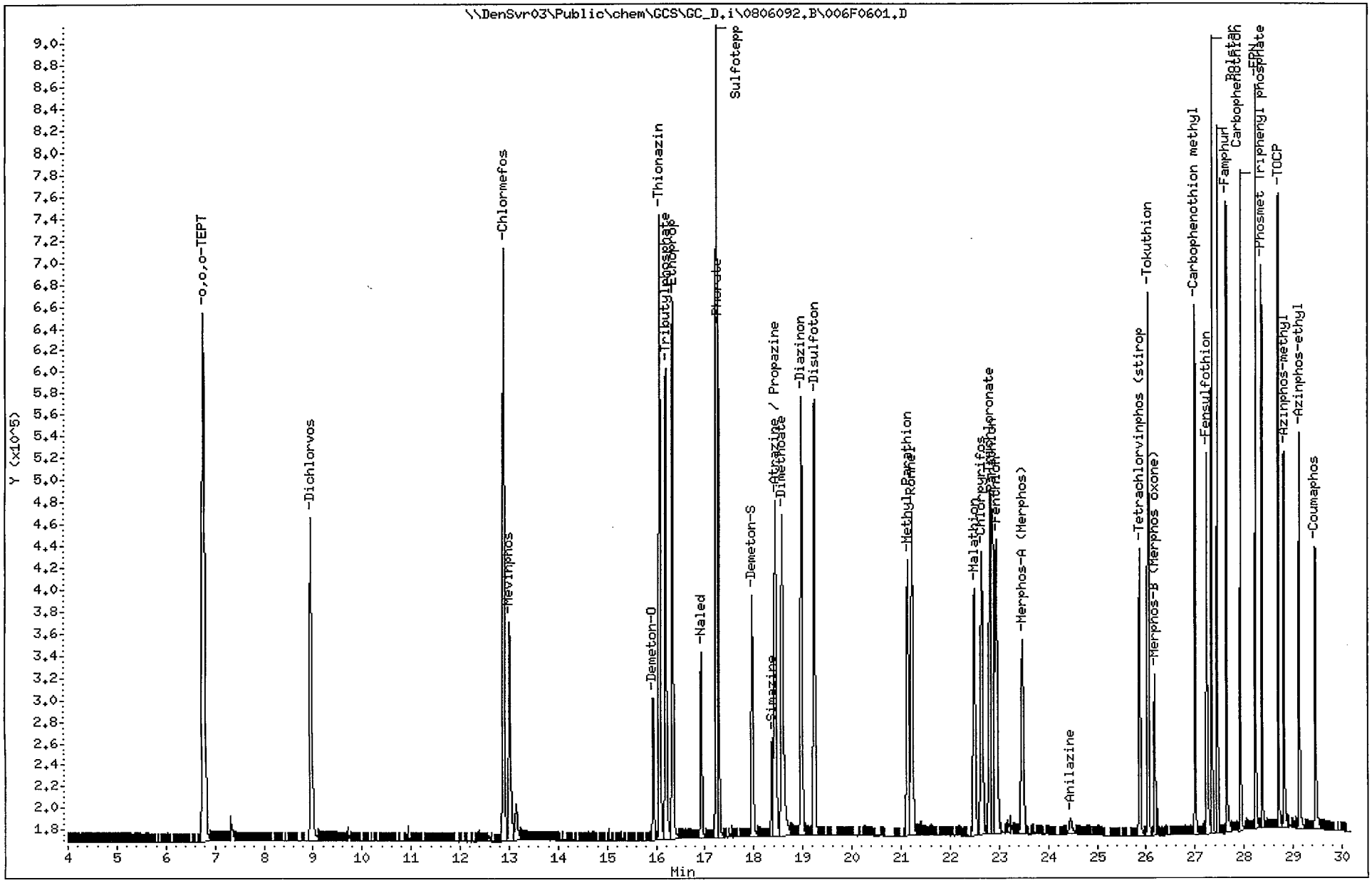
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	989795	494898	1979590	1016126	2.66
38 TOCP	732545	366273	1465090	752526	2.73

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.19	15.69	16.69	16.20	0.00
38 TOCP	28.70	28.20	29.20	28.71	0.00

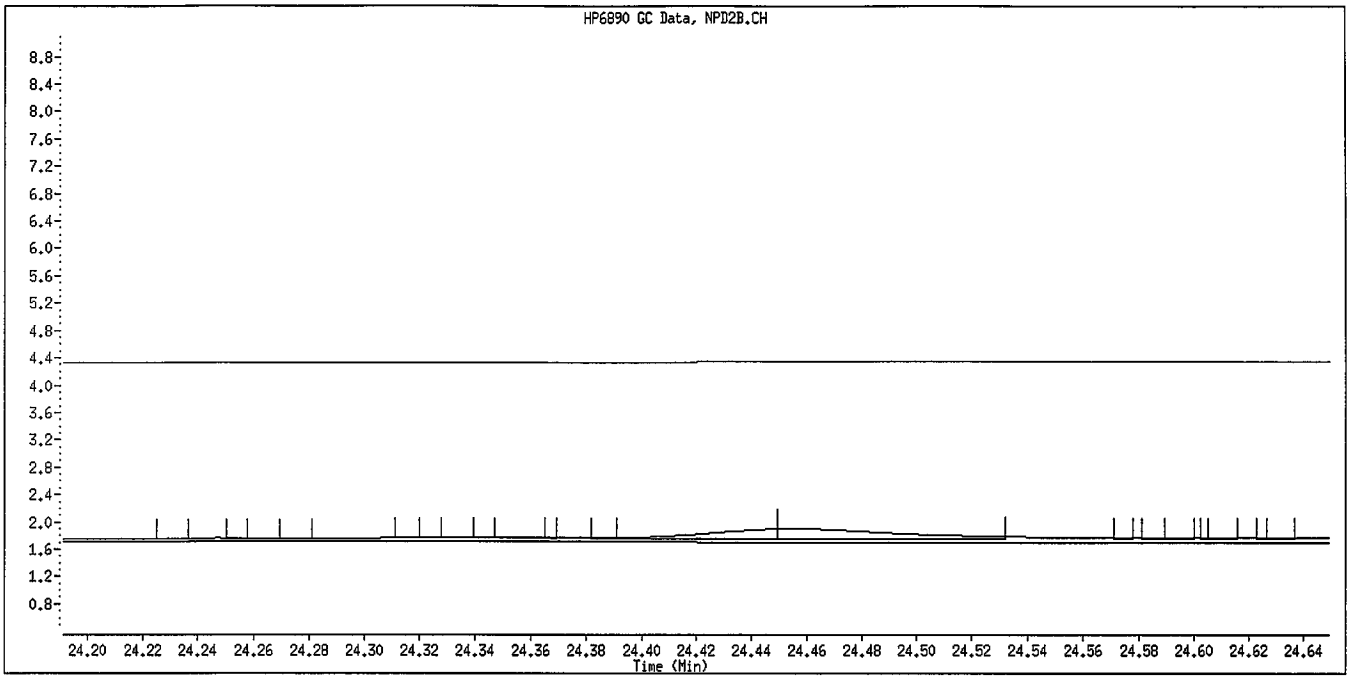
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\006F0601.D
Date : 06-AUG-2009 16:45
Client ID: 8141 L4 GSV87209
Sample Info: 8141 L4 GSV87209

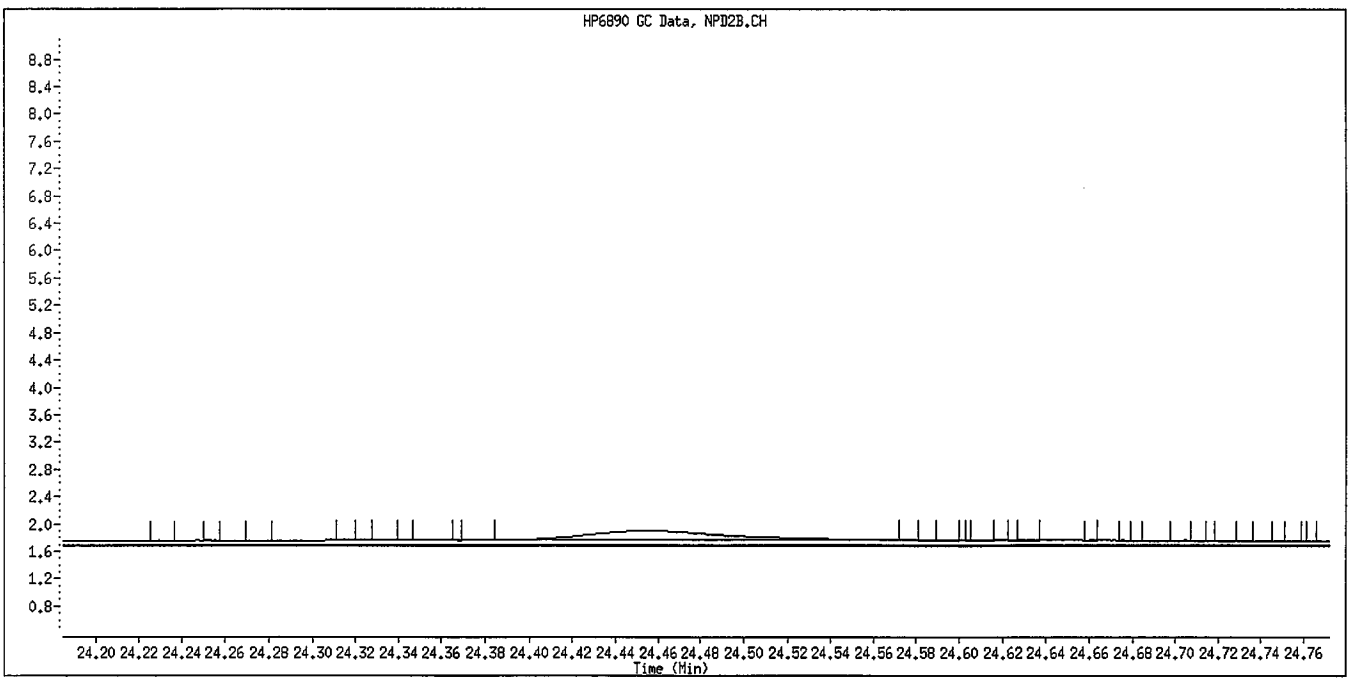
Instrument: GC_D.i
Operator: MPK/TLW
Column phase: RTx-OPPest
Column diameter: 0.32



Data File Name: 006F0601.D
Inj. Date and Time: 06-AUG-2009 16:45
Instrument ID: GC_D.i
Client ID: 8141 L4 GSV87209
Compound Name: Anilazine
CAS #:
Report Date: 08/07/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\007F0701.D
Lab Smp Id: 8141 L3 GSV87309 Client Smp ID: 8141 L3 GSV87309
Inj Date : 06-AUG-2009 17:21
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L3 GSV87309
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Meth Date : 07-Aug-2009 13:43 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 16:45 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	6.759	6.758	(0.417)	965130	1.00000	1.043
	2 Dichlorvos	8.955	8.952	(0.553)	409559	1.00000	0.9932
$	3 Chlormefos	12.886	12.885	(0.796)	643087	1.00000	1.010
	4 Mevinphos	13.013	13.006	(0.803)	249277	1.00000	1.009
	5 Demeton-O	15.940	15.939	(0.984)	127811	0.32500	0.3377
	6 Thionazin	16.070	16.067	(0.992)	594152	1.00000	1.059
*	7 Tributylphosphate	16.198	16.193	(1.000)	989216	2.00000	
	8 Ethoprop	16.338	16.332	(1.009)	555560	1.00000	1.027
	9 Naled	16.925	16.921	(1.045)	159760	1.00000	1.000
	10 Sulfotepp	17.236	17.234	(1.064)	899443	1.00000	1.088
	11 Phorate	17.269	17.268	(1.066)	418518	1.00000	1.001
	12 Demeton-S	17.970	17.962	(1.109)	277186	0.68000	0.7298
	13 Simazine	18.376	18.368	(1.134)	82213	1.00000	0.9444
	14 Atrazine / Propazine	18.438	18.434	(1.138)	459489	2.00000	2.024
	15 Dimethoate	18.584	18.569	(1.147)	484895	1.00000	1.037
	16 Diazinon	18.970	18.967	(1.171)	521338	1.00000	1.063
	17 Disulfoton	19.232	19.231	(1.187)	520826	1.00000	1.052
	18 Methyl Parathion	21.136	21.132	(0.736)	351856	1.00000	1.028
	19 Ronnel	21.224	21.222	(0.739)	432694	1.00000	1.002
	20 Malathion	22.495	22.492	(0.784)	354820	1.00000	1.040
	21 Chlorpyrifos	22.646	22.644	(0.789)	394413	1.00000	0.9994
	22 Trichloronate	22.821	22.819	(0.795)	455989	1.00000	0.9480
	23 Parathion	22.868	22.866	(0.797)	440954	1.00000	0.9703
	24 Fenthion	22.945	22.942	(0.799)	455004	1.00000	1.016
	25 Merphos-A (Merphos)	23.476	23.472	(0.818)	277563	1.00000	0.9745
	26 Anilazine	24.465	24.451	(0.852)	27039	1.00000	0.9154(M)
	27 Tetrachlorvinphos (stirophos)	25.873	25.869	(0.901)	256768	1.00000	0.9456
	28 Tokuthion	26.046	26.043	(0.907)	475219	1.00000	1.005
	29 Merphos-B (Merphos oxone)	26.177	26.176	(0.912)	174313	1.00000	0.8959
	30 Carbophenothion methyl	27.001	26.999	(0.941)	335861	1.00000	1.016
	31 Fensulfothion	27.245	27.237	(0.949)	280688	1.00000	1.028
	32 Bolstar	27.348	27.347	(0.953)	476810	1.00000	1.053
	33 Carbophenothion	27.461	27.460	(0.957)	385145	1.00000	1.018

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Famphur	27.646	27.644	(0.963)	361510	1.00000	1.046
$	35 Triphenyl phosphate	27.935	27.932	(0.973)	342483	1.00000	1.059
	36 EPN	28.241	28.240	(0.984)	391460	1.00000	1.055
	37 Phosmet	28.369	28.366	(0.988)	302493	1.00000	1.027
*	38 TOCP	28.706	28.705	(1.000)	747627	2.00000	
	39 Azinphos-methyl	28.819	28.816	(1.004)	240868	1.00000	0.9800
	40 Azinphos-ethyl	29.131	29.127	(1.015)	286560	1.00000	1.057
	41 Coumaphos	29.459	29.453	(1.026)	236130	1.00000	0.9934
M	42 Total Demeton				404997	1.00000	1.067
M	43 Merphos				451876	1.00000	1.026

QC Flag Legend

M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

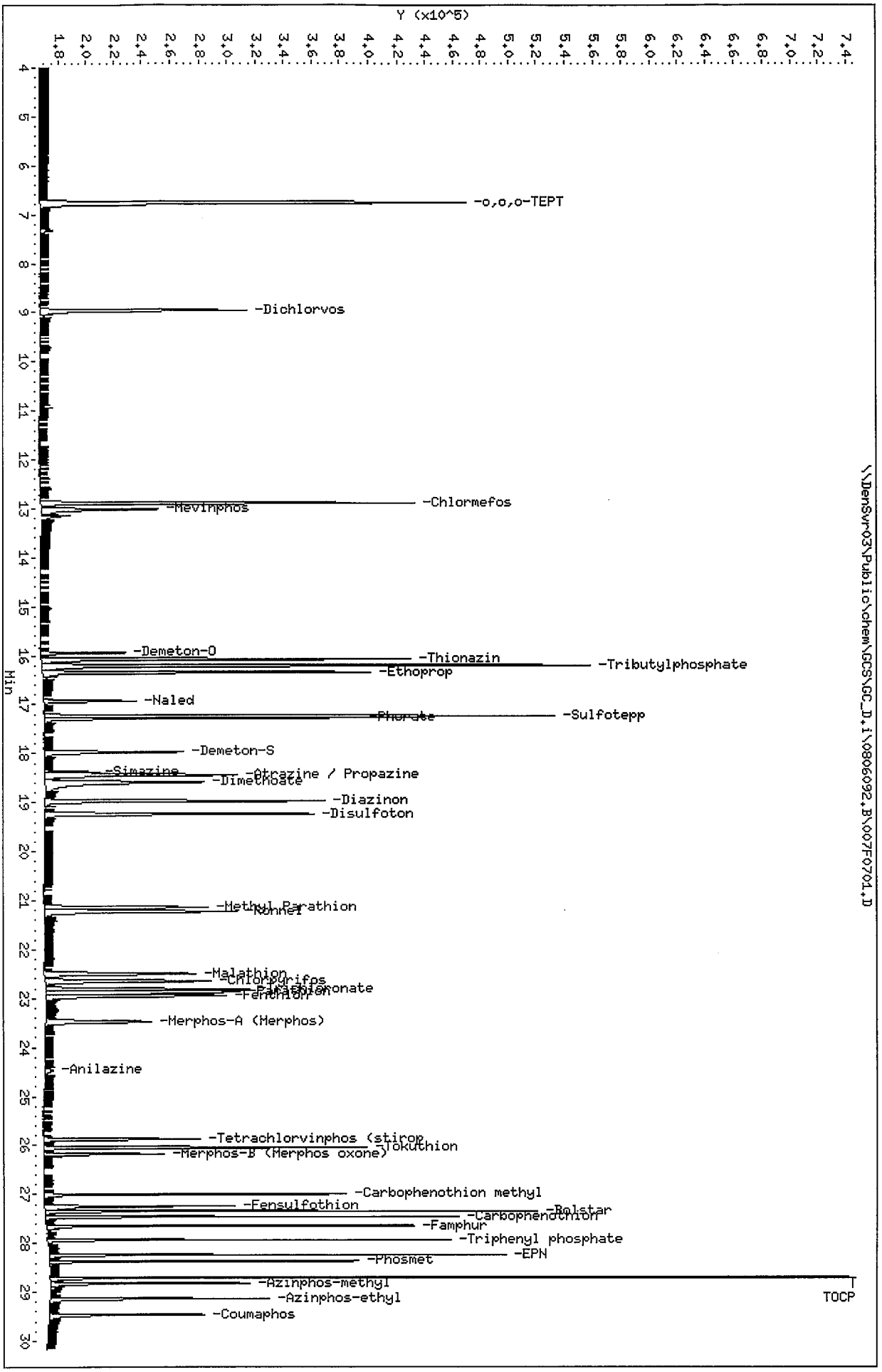
Instrument ID: GC_D.i
Lab File ID: 007F0701.D
Lab Smp Id: 8141 L3 GSV87309
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Misc Info:

Calibration Date: 06-AUG-2009
Calibration Time: 19:10
Client Smp ID: 8141 L3 GSV8730
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	989795	494898	1979590	989216	-0.06
38 TOCP	732545	366273	1465090	747627	2.06

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.19	15.69	16.69	16.20	0.02
38 TOCP	28.70	28.20	29.20	28.71	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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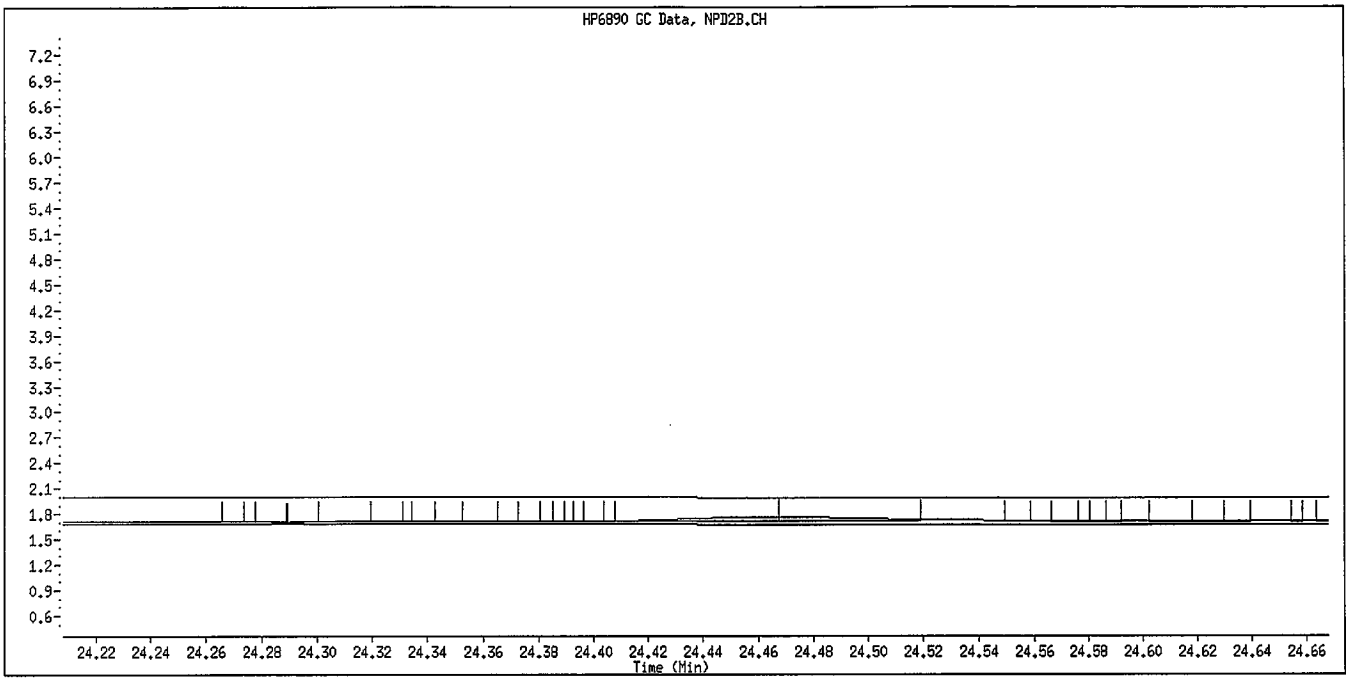
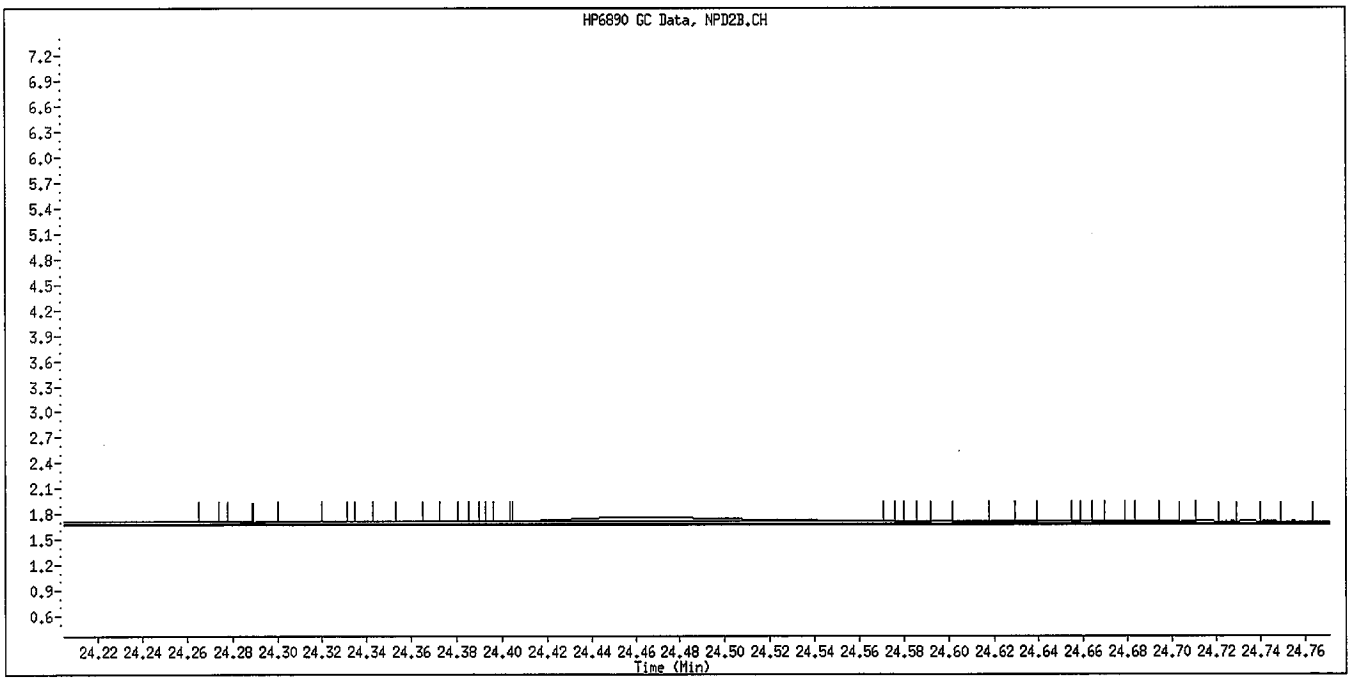
Date : 06-AUG-2009 17:21
Client ID: 8141 L3 GSV87309
Sample Info: 8141 L3 GSV87309
Column phase: RTx-OPPest

Instrument: GC_D,i
Operator: MPK/TLW
Column diameter: 0.32

Data File Name: 007F0701.D
Inj. Date and Time: 06-AUG-2009 17:21
Instrument ID: GC_D.i
Client ID: 8141 L3 GSV87309
Compound Name: Anilazine
CAS #:
Report Date: 08/07/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\008F0801.D
Lab Smp Id: 8141 L2 GSV87409 Client Smp ID: 8141 L2 GSV87409
Inj Date : 06-AUG-2009 17:58
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L2 GSV87409
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Meth Date : 07-Aug-2009 13:43 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 17:21 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	6.760	6.758	(0.417)	446074	0.50000	0.5083
	2 Dichlorvos	8.957	8.952	(0.553)	184786	0.50000	0.4724
$	3 Chlormefos	12.887	12.885	(0.795)	285008	0.50000	0.4339
	4 Mevinphos	13.017	13.006	(0.803)	90159	0.50000	0.4122
	5 Demeton-O	15.943	15.939	(0.984)	52208	0.16250	0.1454
	6 Thionazin	16.072	16.067	(0.992)	254165	0.50000	0.4777
*	7 Tributylphosphate	16.203	16.193	(1.000)	938496	2.00000	
	8 Ethoprop	16.341	16.332	(1.009)	267910	0.50000	0.4373
	9 Naled	16.928	16.921	(1.045)	47634	0.50000	0.4328
	10 Sulfotepp	17.237	17.234	(1.064)	366024	0.50000	0.4669 (M)
	11 Phorate	17.263	17.268	(1.065)	194983	0.50000	0.4917 (M)
	12 Demeton-S	17.980	17.962	(1.110)	115344	0.34000	0.3201
	13 Simazine	18.389	18.368	(1.135)	15934	0.50000	0.4213
	14 Atrazine / Propazine	18.447	18.434	(1.139)	205001	1.00000	0.9517
	15 Dimethoate	18.611	18.569	(1.149)	178809	0.50000	0.4400 (M)
	16 Diazinon	18.974	18.967	(1.171)	230115	0.50000	0.4947
	17 Disulfoton	19.237	19.231	(1.187)	226407	0.50000	0.4819
	18 Methyl Parathion	21.146	21.132	(0.737)	130034	0.50000	0.4531
	19 Ronnel	21.229	21.222	(0.740)	194447	0.50000	0.4743
	20 Malathion	22.504	22.492	(0.784)	150756	0.50000	0.4856
	21 Chlorpyrifos	22.650	22.644	(0.789)	169871	0.50000	0.4753
	22 Trichloronate	22.826	22.819	(0.795)	196799	0.50000	0.4662
	23 Parathion	22.878	22.866	(0.797)	175066	0.50000	0.4646
	24 Fenthion	22.949	22.942	(0.799)	206817	0.50000	0.4732
	25 Merphos-A (Merphos)	23.483	23.472	(0.818)	104851	0.50000	0.4644
	26 Anilazine	24.499	24.451	(0.853)	10789	0.50000	0.4585 (M)
	27 Tetrachlorvinphos (stirophos)	25.879	25.869	(0.902)	97796	0.50000	0.4261
	28 Tokuthion	26.051	26.043	(0.907)	200061	0.50000	0.4456
	29 Merphos-B (Merphos oxone)	26.183	26.176	(0.912)	96740	0.50000	0.4507
	30 Carbophenothion methyl	27.005	26.999	(0.941)	134360	0.50000	0.4281
	31 Fensulfothion	27.255	27.237	(0.949)	101238	0.50000	0.4451
	32 Bolstar	27.351	27.347	(0.953)	211287	0.50000	0.4917
	33 Carbophenothion	27.464	27.460	(0.957)	161758	0.50000	0.4504

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Famphur	27.649	27.644	(0.963)	142973	0.50000	0.4356
$	35 Triphenyl phosphate	27.936	27.932	(0.973)	146162	0.50000	0.4759
	36 EPN	28.243	28.240	(0.984)	165917	0.50000	0.4710
	37 Phosmet	28.373	28.366	(0.988)	114720	0.50000	0.4440
*	38 TOCP	28.707	28.705	(1.000)	709802	2.00000	
	39 Azinphos-methyl	28.825	28.816	(1.004)	89923	0.50000	0.4185
	40 Azinphos-ethyl	29.136	29.127	(1.015)	116961	0.50000	0.4543
	41 Coumaphos	29.465	29.453	(1.026)	91236	0.50000	0.4310
M	42 Total Demeton				167552	0.50000	0.4655
M	43 Merphos				201591	0.50000	0.4803

QC Flag Legend

M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D.i
Lab File ID: 008F0801.D
Lab Smp Id: 8141 L2 GSV87409
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Misc Info:

Calibration Date: 06-AUG-2009
Calibration Time: 19:10
Client Smp ID: 8141 L2 GSV8740
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	989795	494898	1979590	938496	-5.18
38 TOCP	732545	366273	1465090	709802	-3.10

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.19	15.69	16.69	16.20	0.05
38 TOCP	28.70	28.20	29.20	28.71	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_D.i\0806092.B\008F0801.D

Date : 06-AUG-2009 17:58

Client ID: 8141 L2 GSV87409

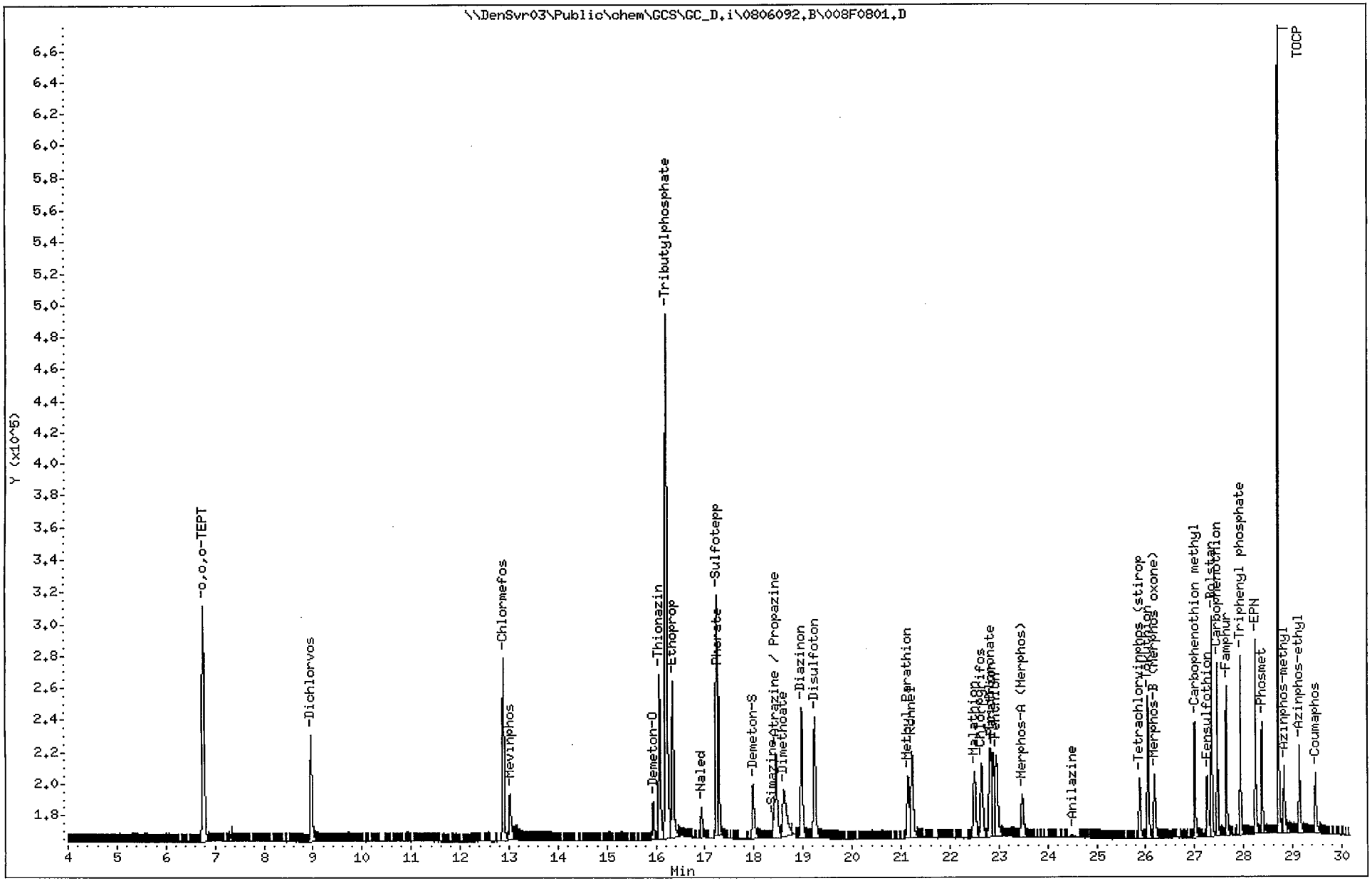
Instrument: GC_D.i

Sample Info: 8141 L2 GSV87409

Operator: MPK/TLW

Column phase: RTx-OPPest

Column diameter: 0.32



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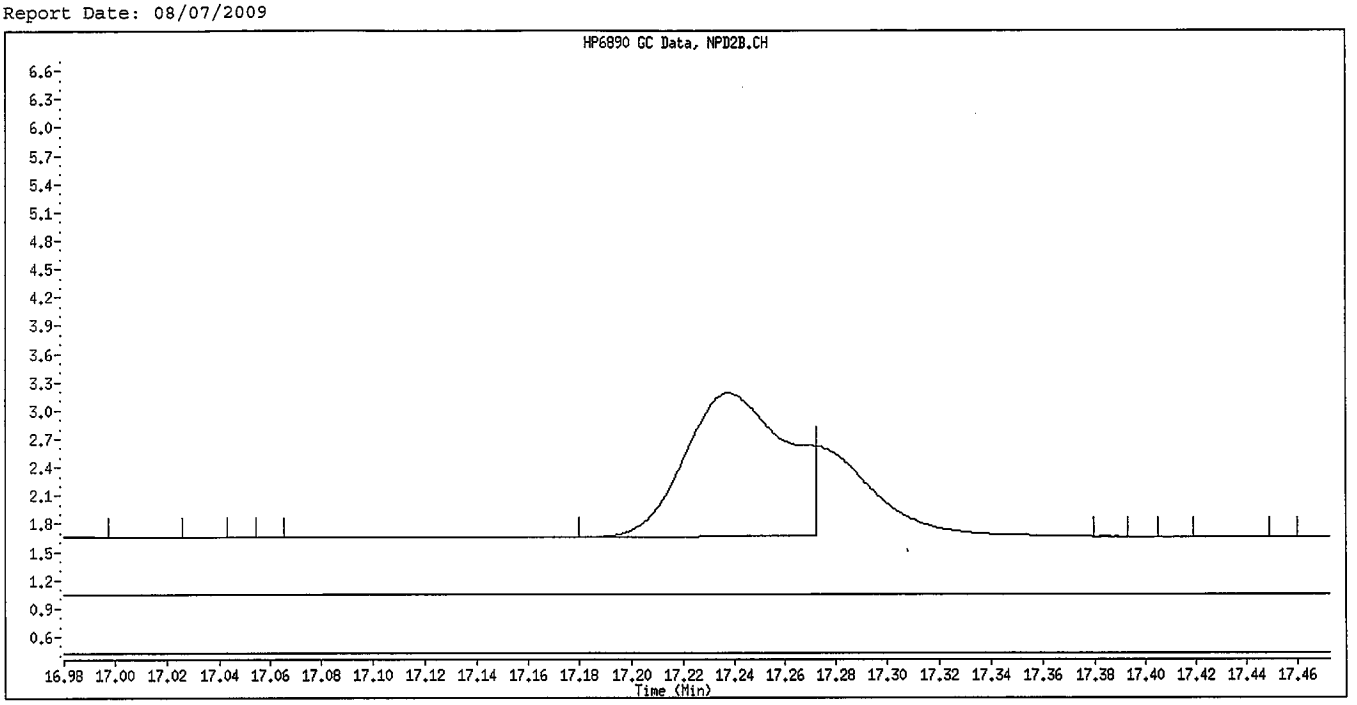
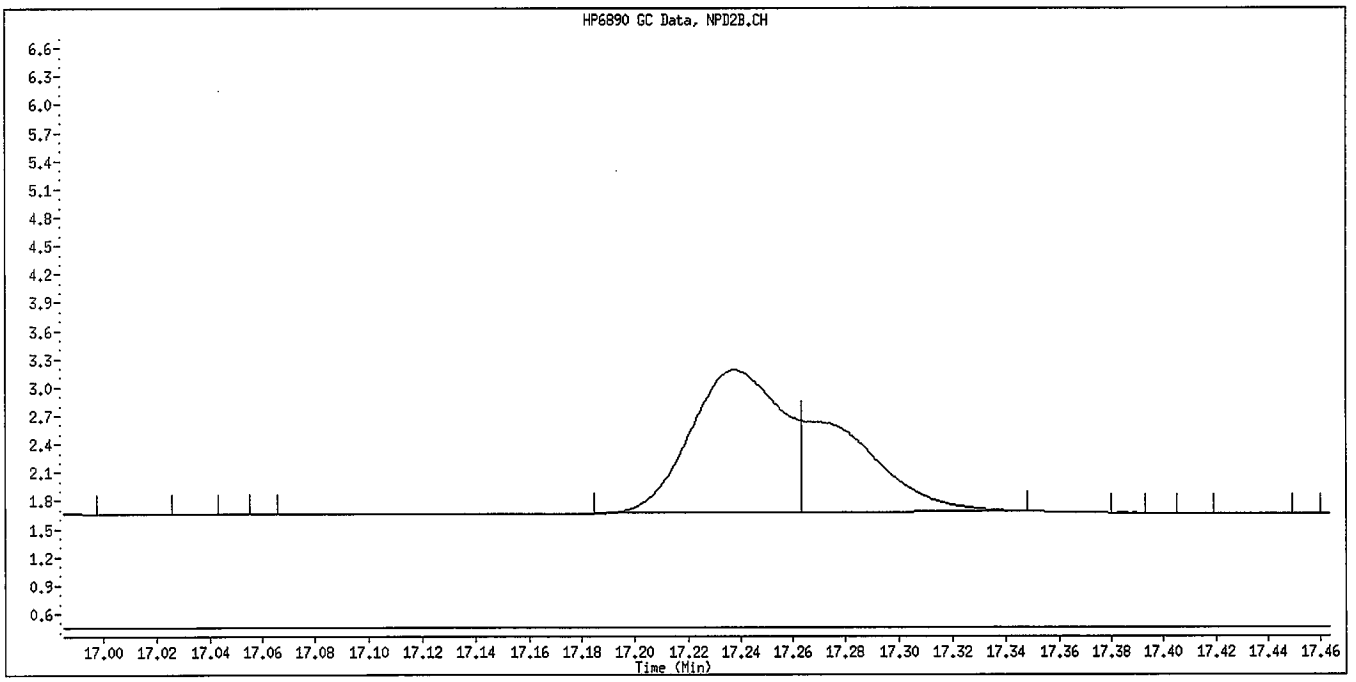
Data File Name: 008F0801.D
Inj. Date and Time: 06-AUG-2009 17:58
Instrument ID: GC_D.i
Client ID: 8141 L2 GSV87409
Compound Name: Sulfotepp
CAS #:
Report Date: 08/07/2009



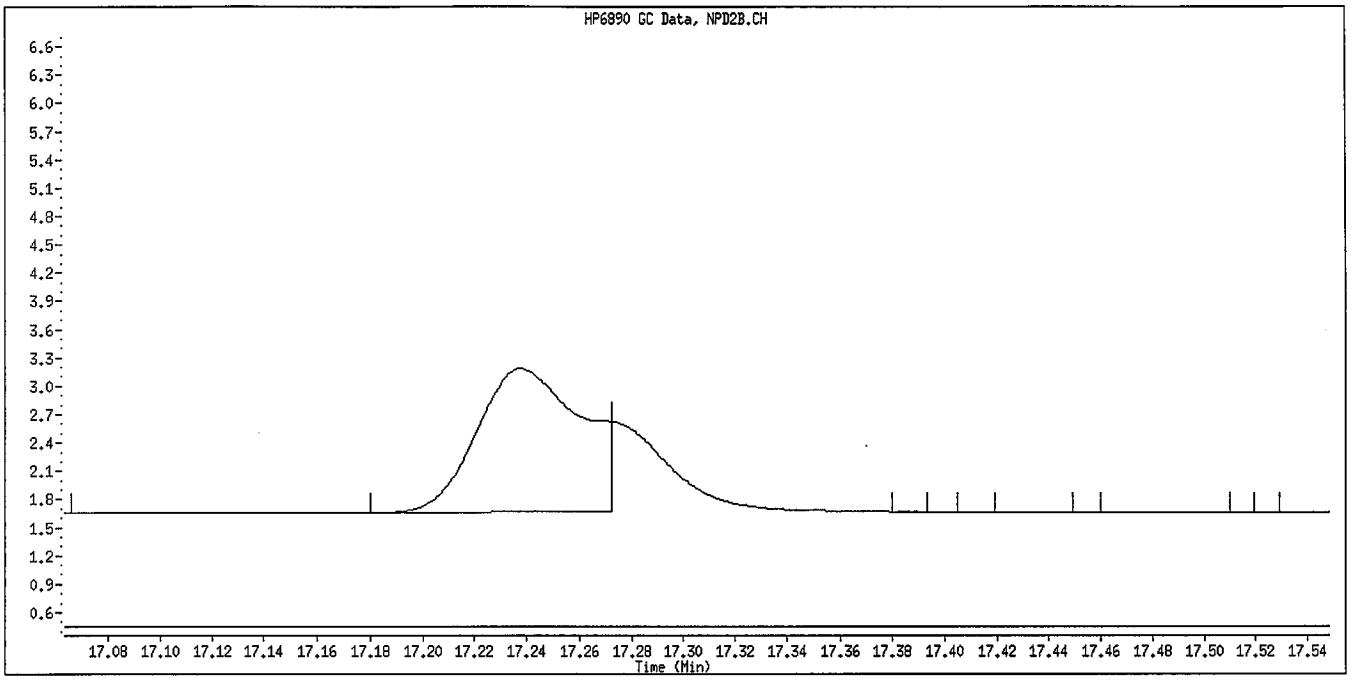
Original Integration



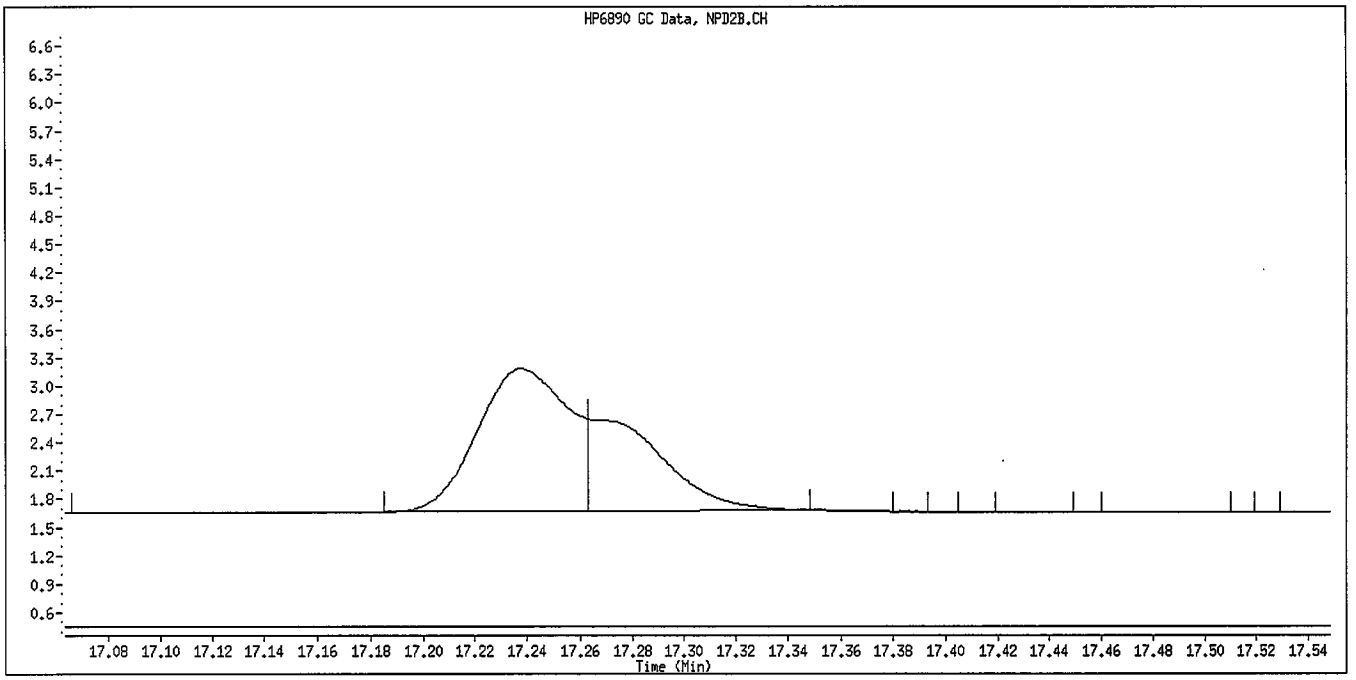
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 008F0801.D
Inj. Date and Time: 06-AUG-2009 17:58
Instrument ID: GC_D.i
Client ID: 8141 L2 GSV87409
Compound Name: Phorate
CAS #:
Report Date: 08/07/2009



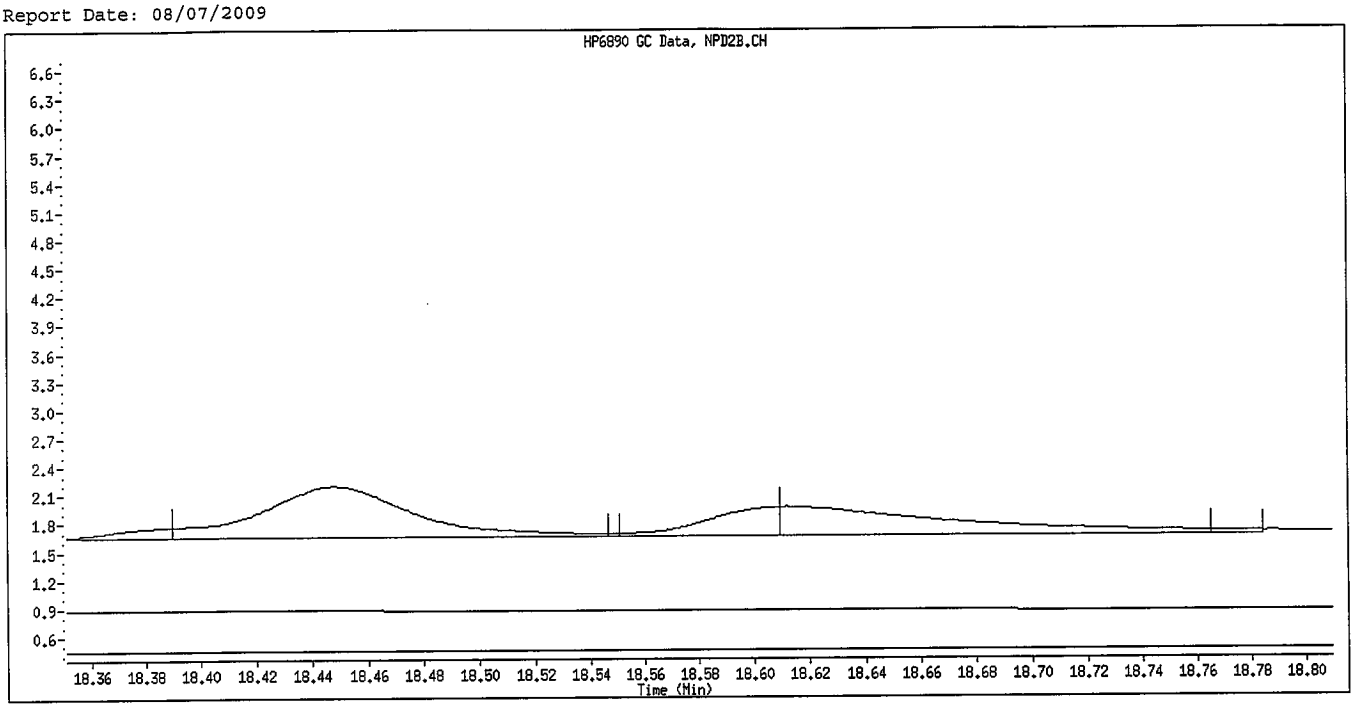
Original Integration



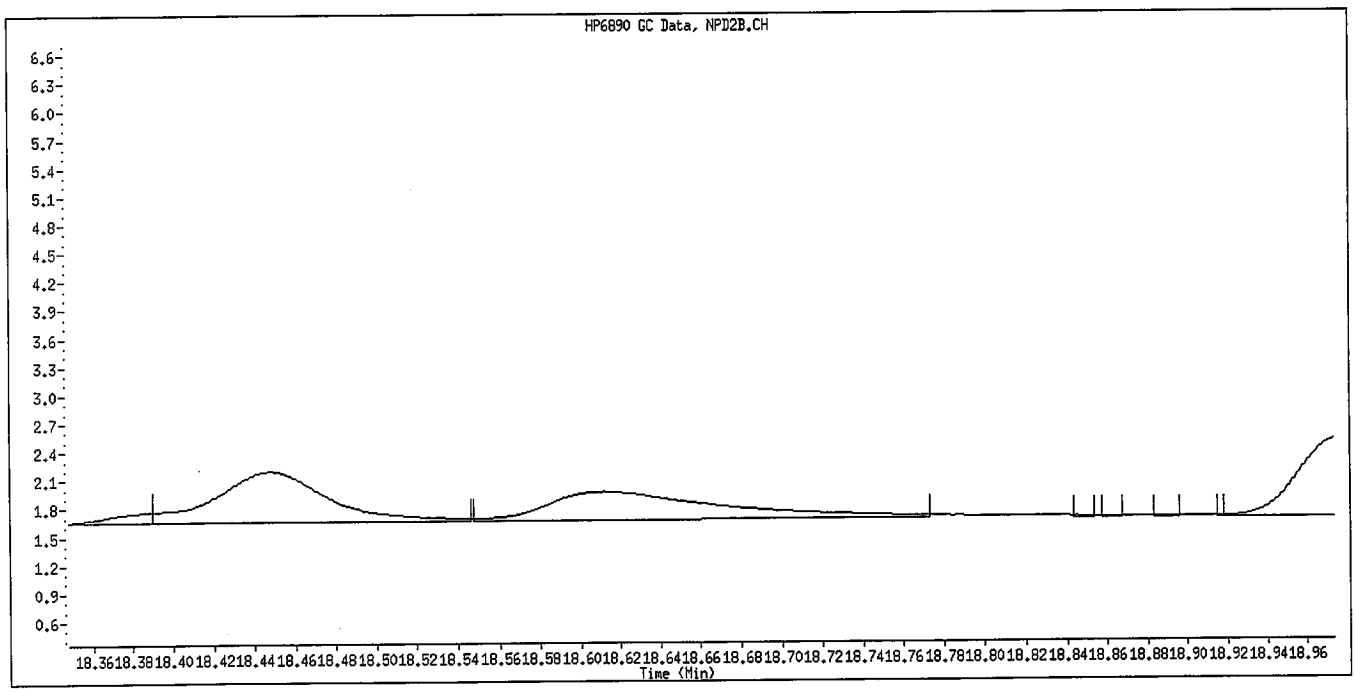
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 008F0801.D
Inj. Date and Time: 06-AUG-2009 17:58
Instrument ID: GC_D.i
Client ID: 8141 L2 GSV87409
Compound Name: Dimethoate
CAS #:
Report Date: 08/07/2009



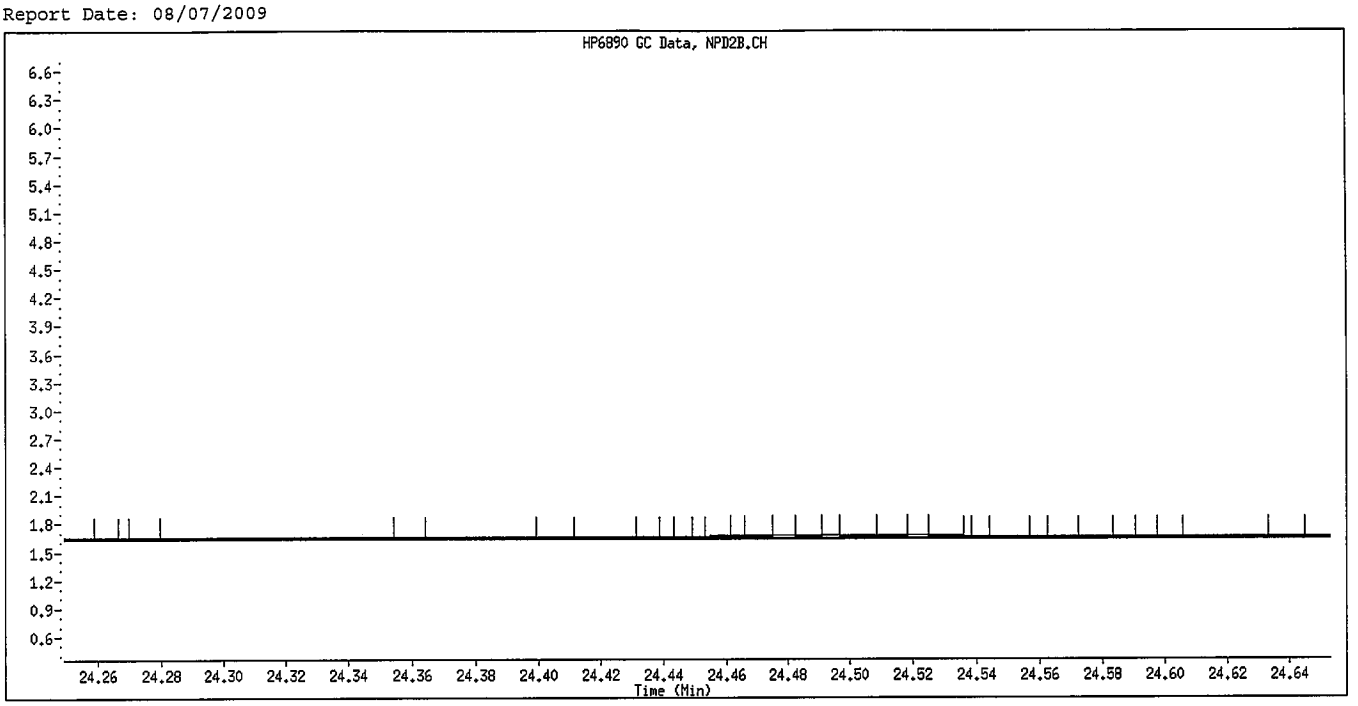
Original Integration



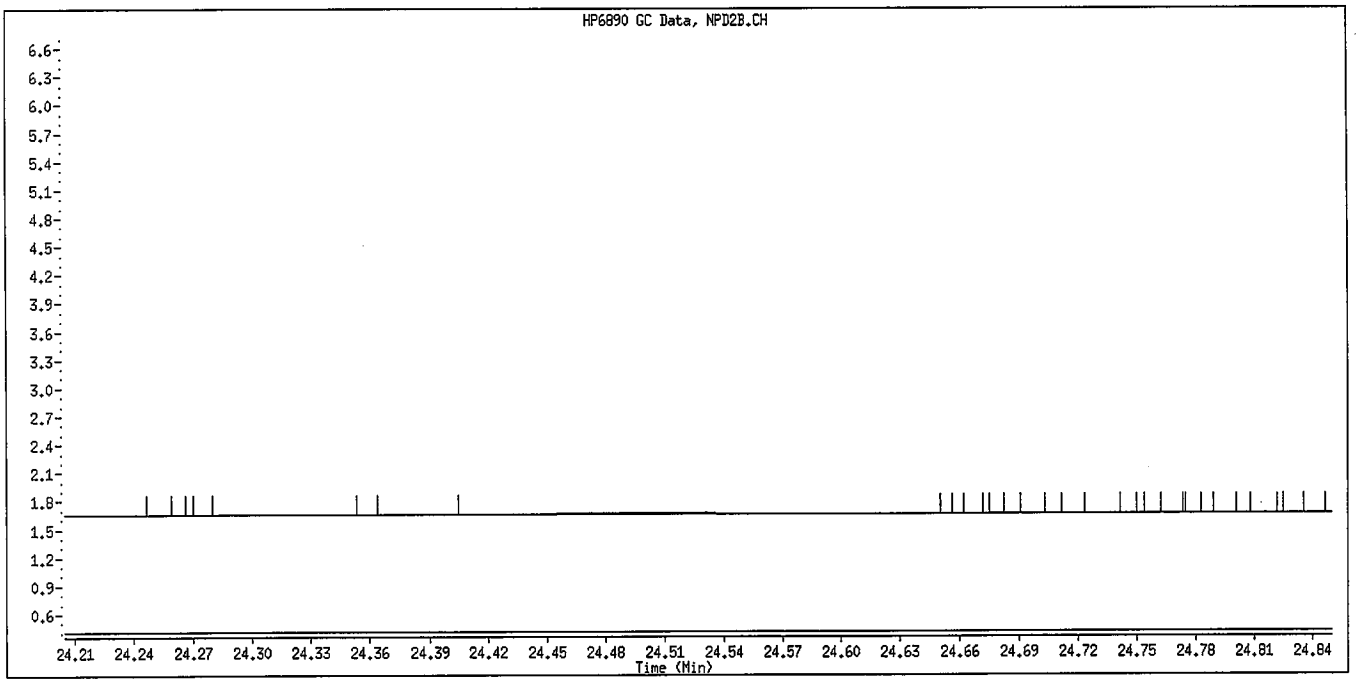
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 008F0801.D
Inj. Date and Time: 06-AUG-2009 17:58
Instrument ID: GC_D.i
Client ID: 8141 L2 GSV87409
Compound Name: Anilazine
CAS #:
Report Date: 08/07/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\009F0901.D
Lab Smp Id: 8141 L1 GSV87509 Client Smp ID: 8141 L1 GSV87509
Inj Date : 06-AUG-2009 18:34
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L1 GSV87509
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Meth Date : 07-Aug-2009 13:44 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 17:58 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	6.759	6.758	(0.417)	194063	0.20000	0.2449
	2 Dichlorvos	8.959	8.952	(0.553)	76144	0.20000	0.2156
$	3 Chlormefos	12.885	12.885	(0.795)	118440	0.20000	0.1612
	4 Mevinphos	13.026	13.006	(0.804)	26181	0.20000	0.1630 (M)
	5 Demeton-O	15.943	15.939	(0.984)	20641	0.06500	0.06367
	6 Thionazin	16.074	16.067	(0.992)	97068	0.20000	0.2021
*	7 Tributylphosphate	16.208	16.193	(1.000)	847277	2.00000	
	8 Ethoprop	16.346	16.332	(1.009)	150814	0.20000	0.2078
	9 Naled	16.933	16.921	(1.045)	12427	0.20000	0.2460 (M)
	10 Sulfotepp	17.239	17.234	(1.064)	149883	0.20000	0.2118 (M)
	11 Phorate	17.264	17.268	(1.065)	91874	0.20000	0.2566 (M)
	12 Demeton-S	17.989	17.962	(1.110)	35956	0.13600	0.1105
	13 Simazine	18.413	18.368	(1.136)	6499	0.20000	0.3477 (M)
	14 Atrazine / Propazine	18.459	18.434	(1.139)	76775	0.40000	0.3948 (M)
	15 Dimethoate	18.648	18.569	(1.151)	62417	0.20000	0.2072 (M)
	16 Diazinon	18.976	18.967	(1.171)	95564	0.20000	0.2276
	17 Disulfoton	19.239	19.231	(1.187)	88146	0.20000	0.2078
	18 Methyl Parathion	21.160	21.132	(0.737)	40092	0.20000	0.2055 (M)
	19 Ronnel	21.234	21.222	(0.740)	87144	0.20000	0.2238
	20 Malathion	22.514	22.492	(0.784)	52293	0.20000	0.2003 (M)
	21 Chlorpyrifos	22.658	22.644	(0.789)	60489	0.20000	0.2033 (M)
	22 Trichloronate	22.829	22.819	(0.795)	66017	0.20000	0.2065 (M)
	23 Parathion	22.885	22.866	(0.797)	66767	0.20000	0.2620 (M)
	24 Fenthion	22.959	22.942	(0.800)	89878	0.20000	0.2030 (M)
	25 Merphos-A (Merphos)	23.486	23.472	(0.818)	23197	0.20000	0.2058 (M)
	26 Anilazine	24.549	24.451	(0.855)	3273	0.20000	0.2331 (M)
	27 Tetrachlorvinphos (stirophos)	25.888	25.869	(0.902)	35965	0.20000	0.2129
	28 Tokuthion	26.052	26.043	(0.907)	82667	0.20000	0.1938
	29 Merphos-B (Merphos oxone)	26.184	26.176	(0.912)	58022	0.20000	0.2908
	30 Carbophenothion methyl	27.010	26.999	(0.941)	51067	0.20000	0.1713
	31 Fensulfothion	27.272	27.237	(0.950)	31957	0.20000	0.2067
	32 Bolstar	27.353	27.347	(0.953)	91030	0.20000	0.2230
	33 Carbophenothion	27.467	27.460	(0.957)	66936	0.20000	0.1962

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Famphur	27.653	27.644	(0.963)	55126	0.20000	0.1768
$	35 Triphenyl phosphate	27.938	27.932	(0.973)	61702	0.20000	0.2115
	36 EPN	28.244	28.240	(0.984)	69232	0.20000	0.2069
	37 Phosmet	28.378	28.366	(0.989)	42368	0.20000	0.2070
*	38 TOCP	28.708	28.705	(1.000)	674279	2.00000	
	39 Azinphos-methyl	28.830	28.816	(1.004)	37094	0.20000	0.2126
	40 Azinphos-ethyl	29.140	29.127	(1.015)	46859	0.20000	0.1916
	41 Coumaphos	29.468	29.453	(1.026)	37102	0.20000	0.2102
M	42 Total Demeton				56597	0.20000	0.1742
M	43 Merphos				81219	0.20000	0.2015

QC Flag Legend

M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

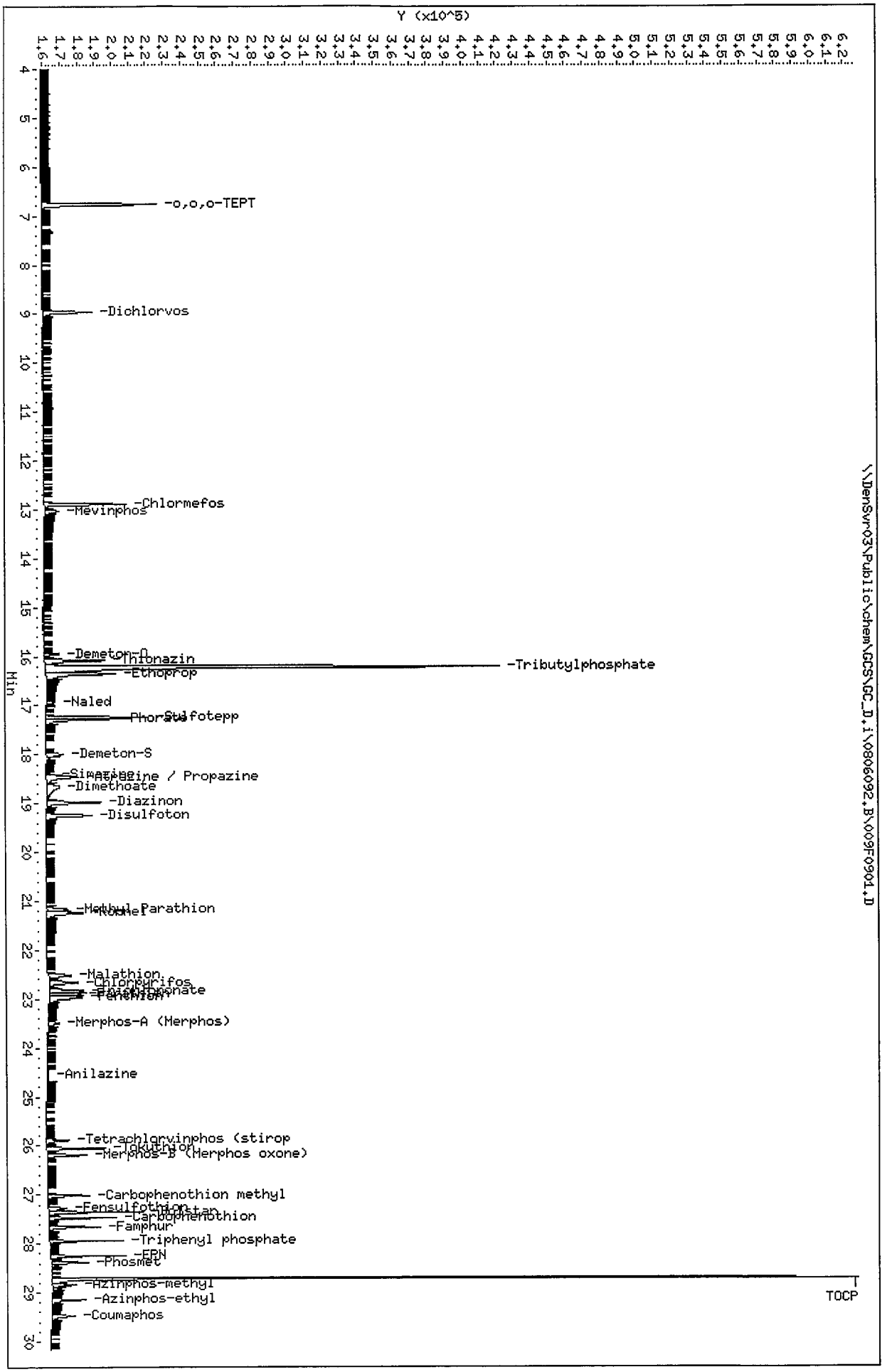
Instrument ID: GC_D.i
Lab File ID: 009F0901.D
Lab Smp Id: 8141 L1 GSV87509
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Misc Info:

Calibration Date: 06-AUG-2009
Calibration Time: 19:10
Client Smp ID: 8141 L1 GSV8750
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	989795	494898	1979590	847277	-14.40
38 TOCP	732545	366273	1465090	674279	-7.95

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.19	15.69	16.69	16.21	0.08
38 TOCP	28.70	28.20	29.20	28.71	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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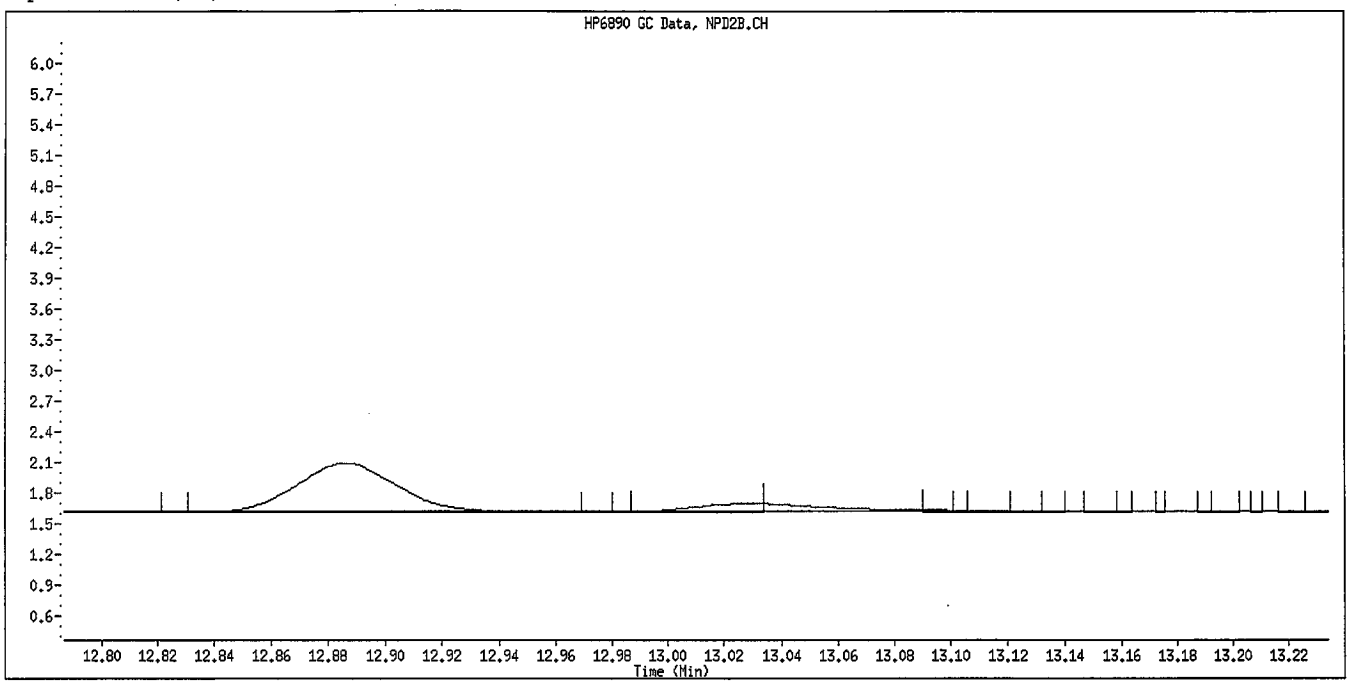
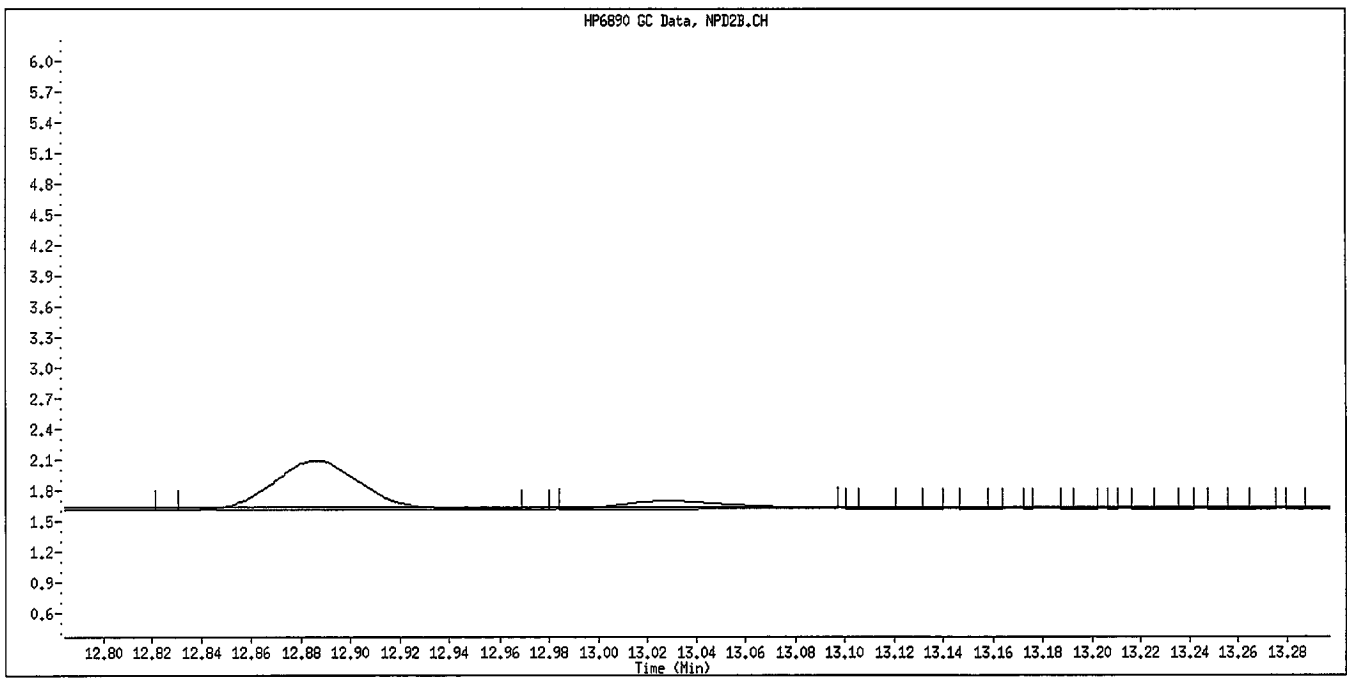
Date : 06-AUG-2009 18:34
Client ID: 8141 L1 GSV87509
Sample Info: 8141 L1 GSV87509
Column phase: RTx-OPPest

Instrument: GC_D,i
Operator: MPK/TLW
Column diameter: 0.32

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Mevinphos
CAS #:
Report Date: 08/07/2009



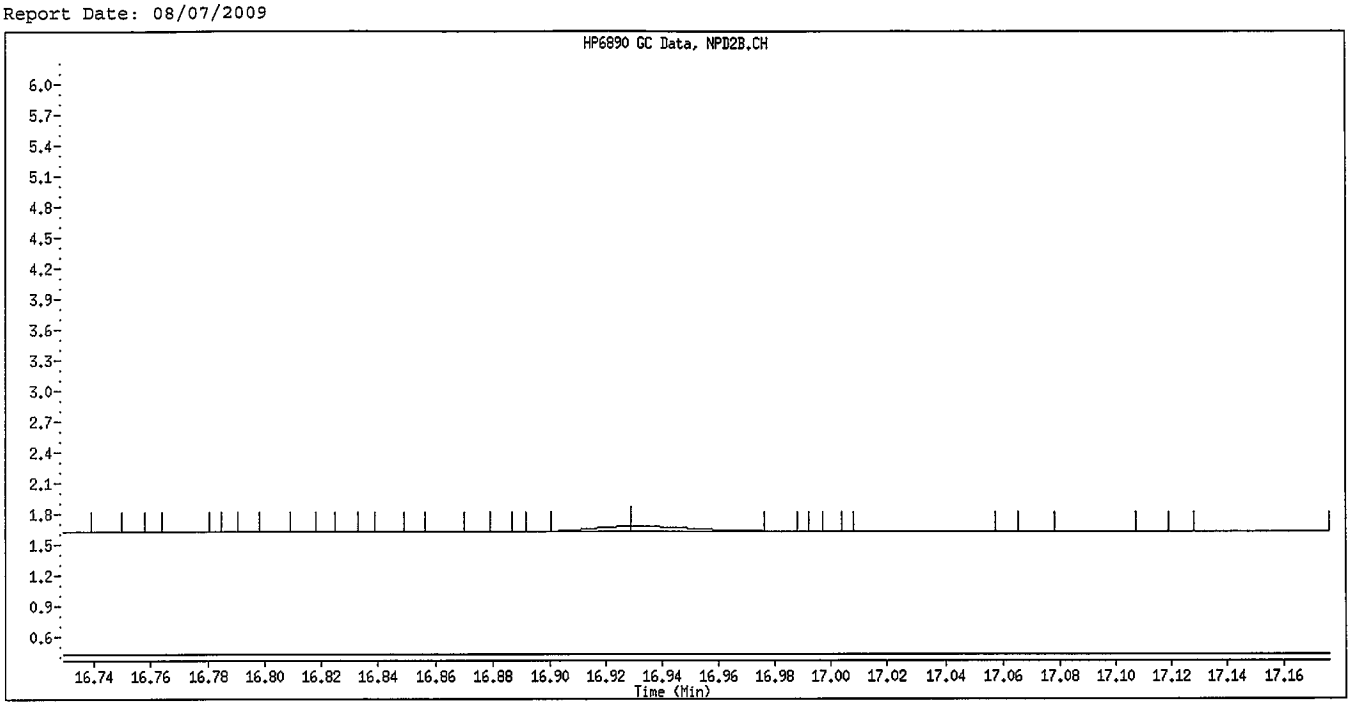
Original Integration



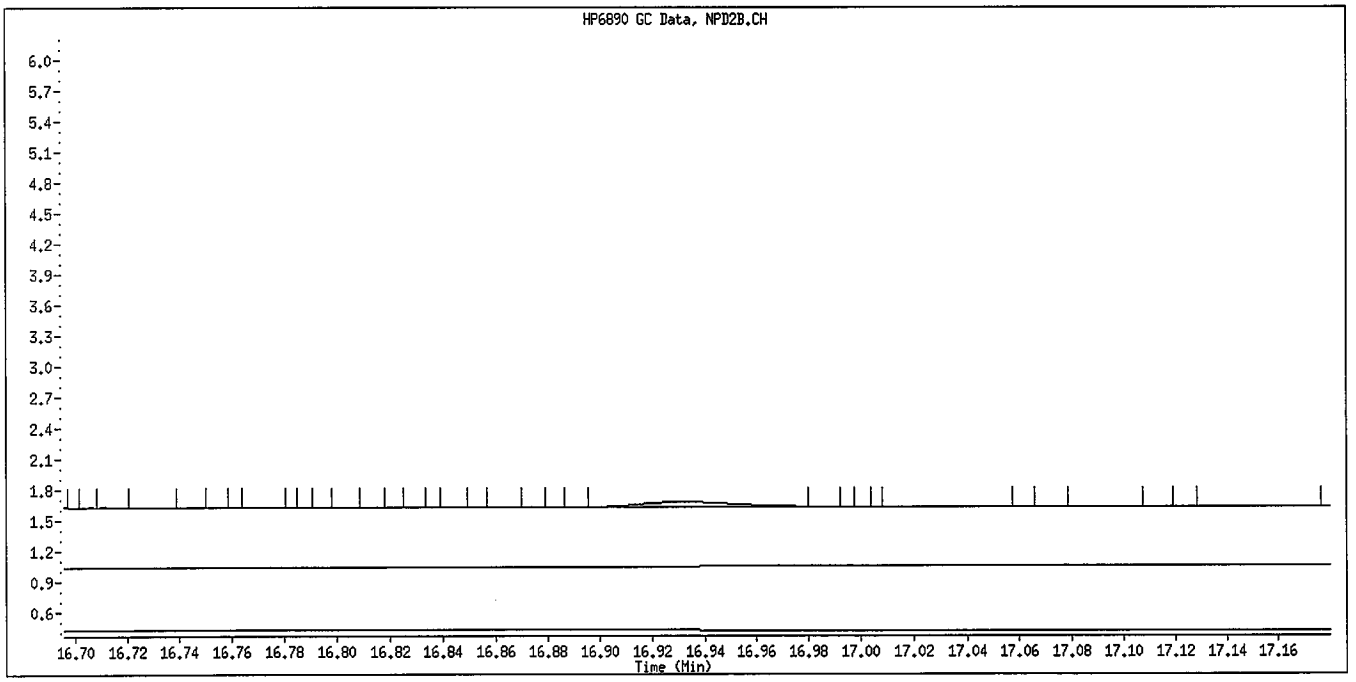
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Naled
CAS #:
Report Date: 08/07/2009



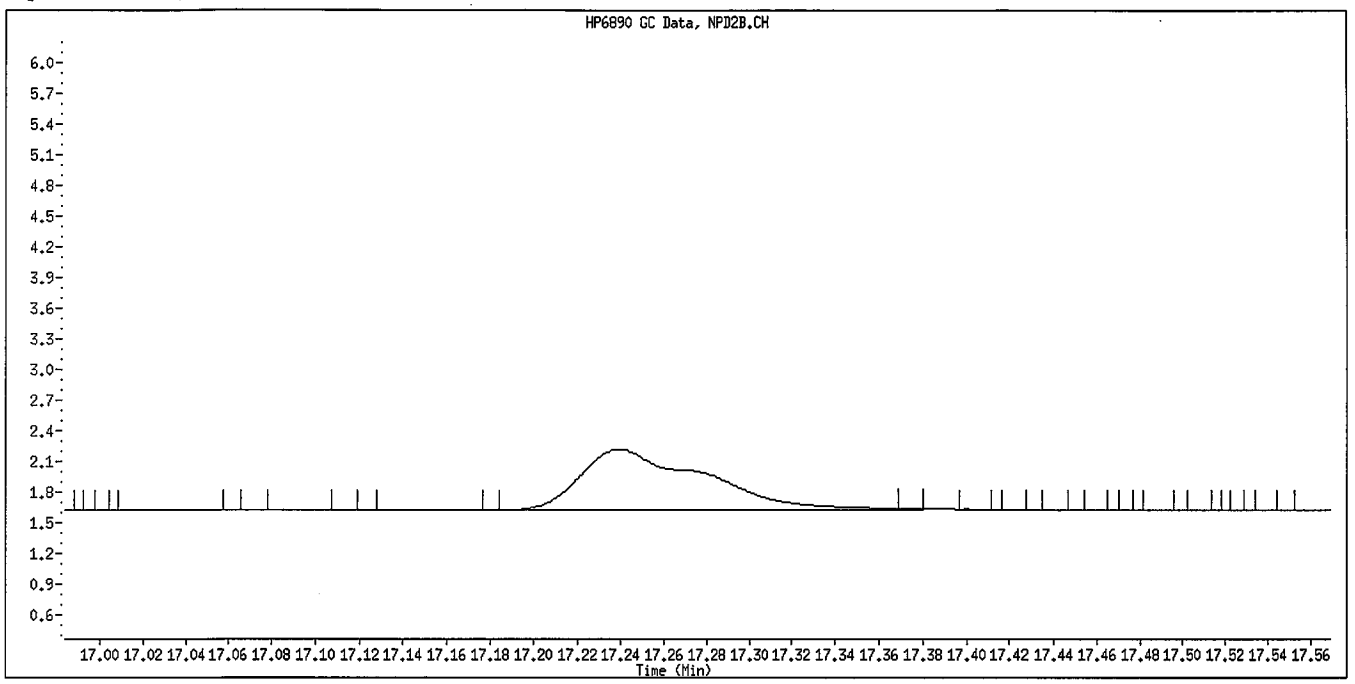
Original Integration



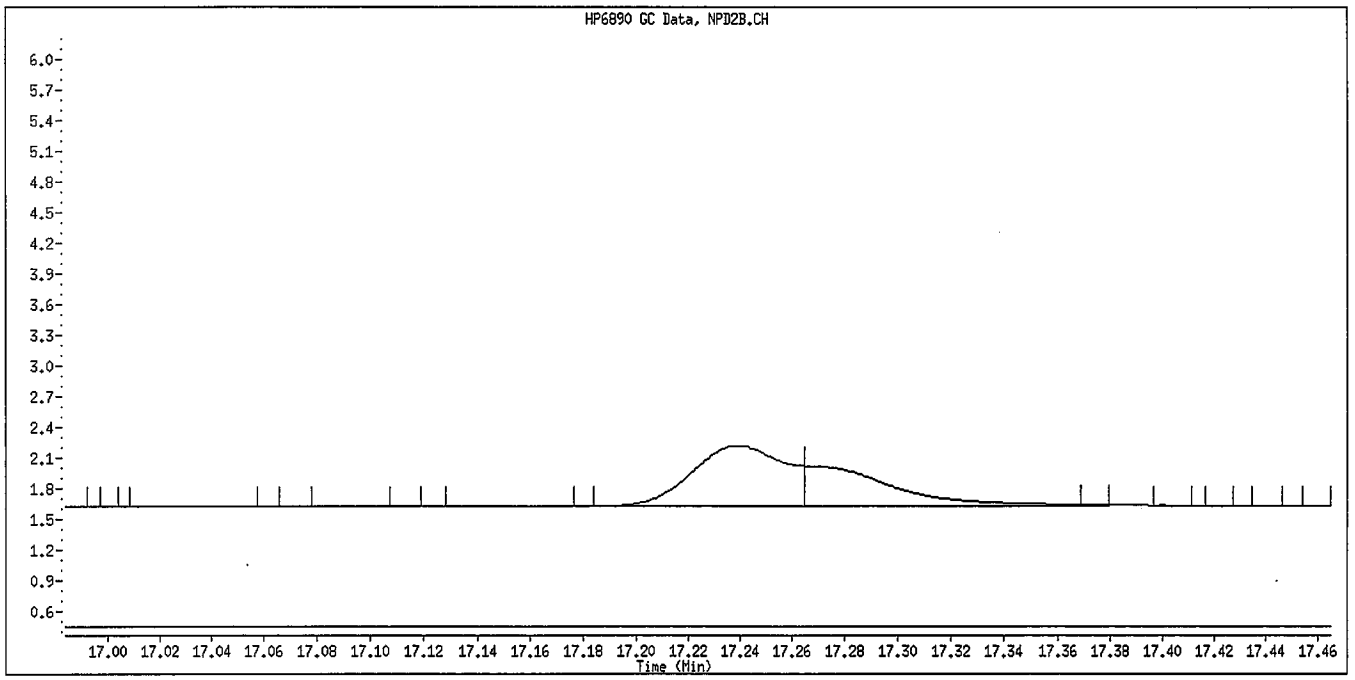
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Sulfotepp
CAS #:
Report Date: 08/07/2009



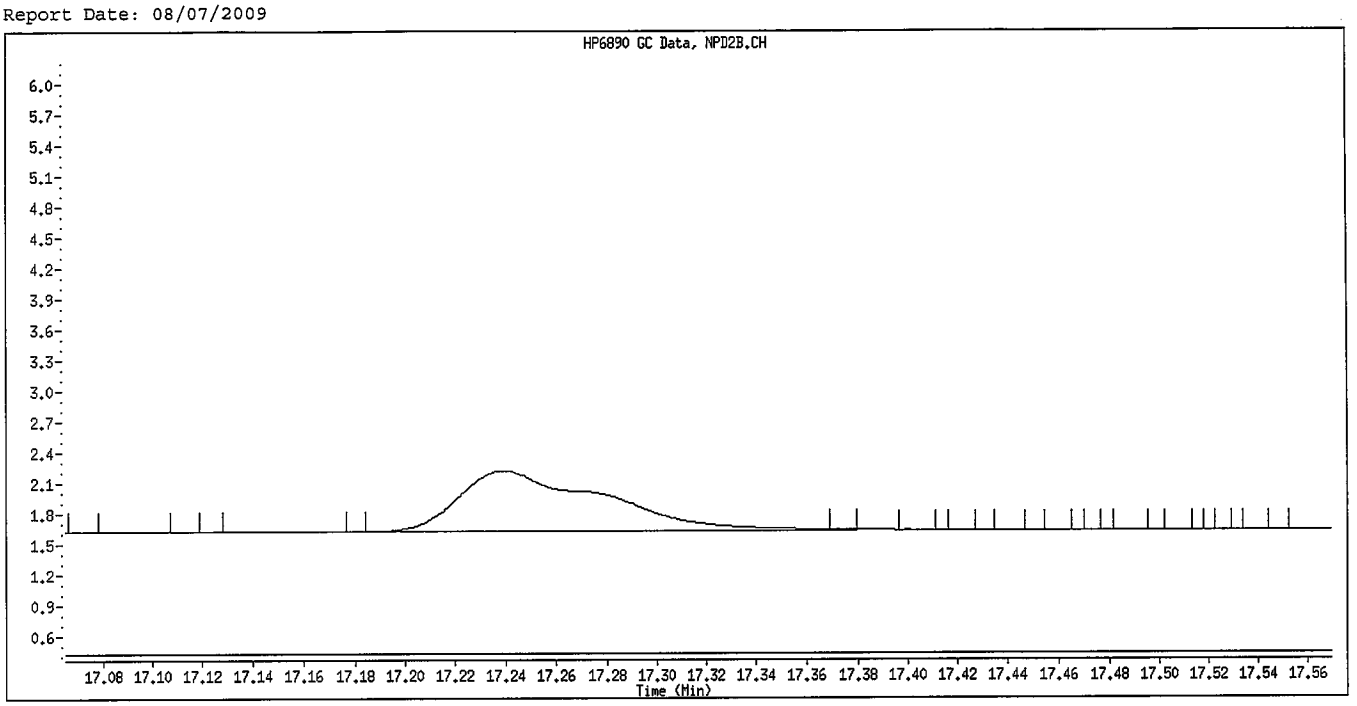
Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Phorate
CAS #:
Report Date: 08/07/2009



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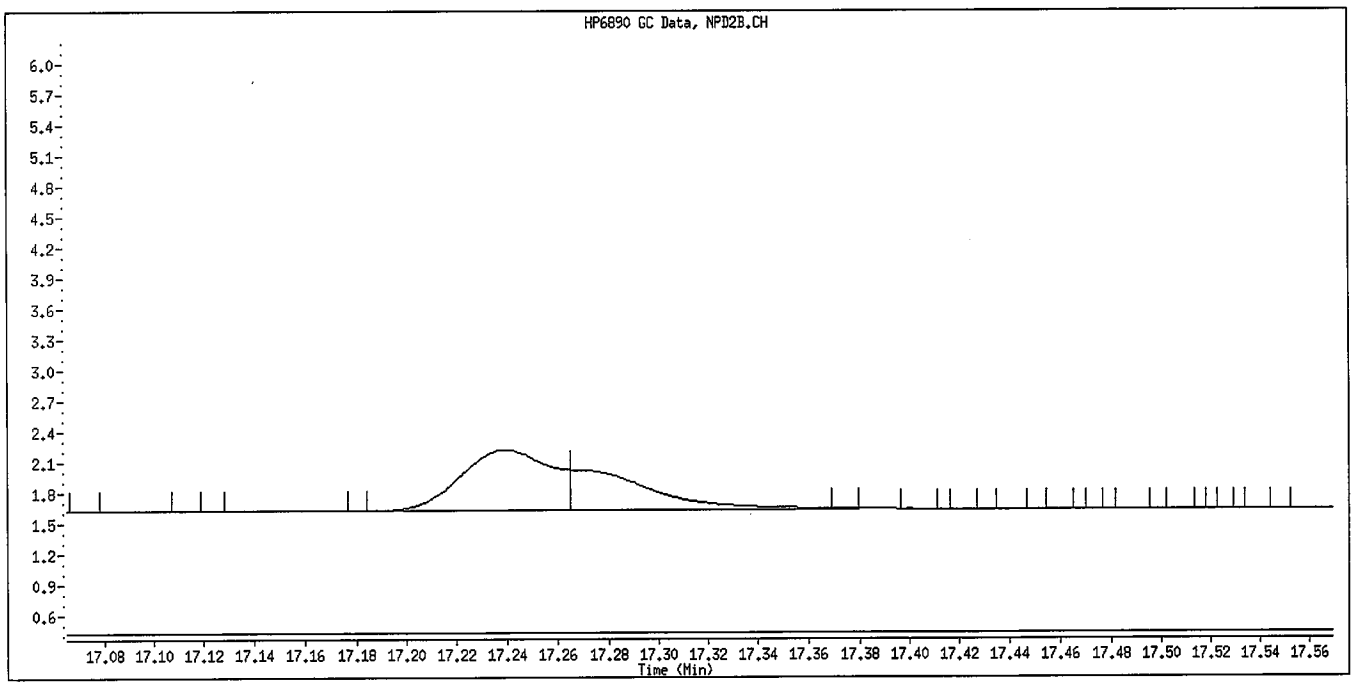
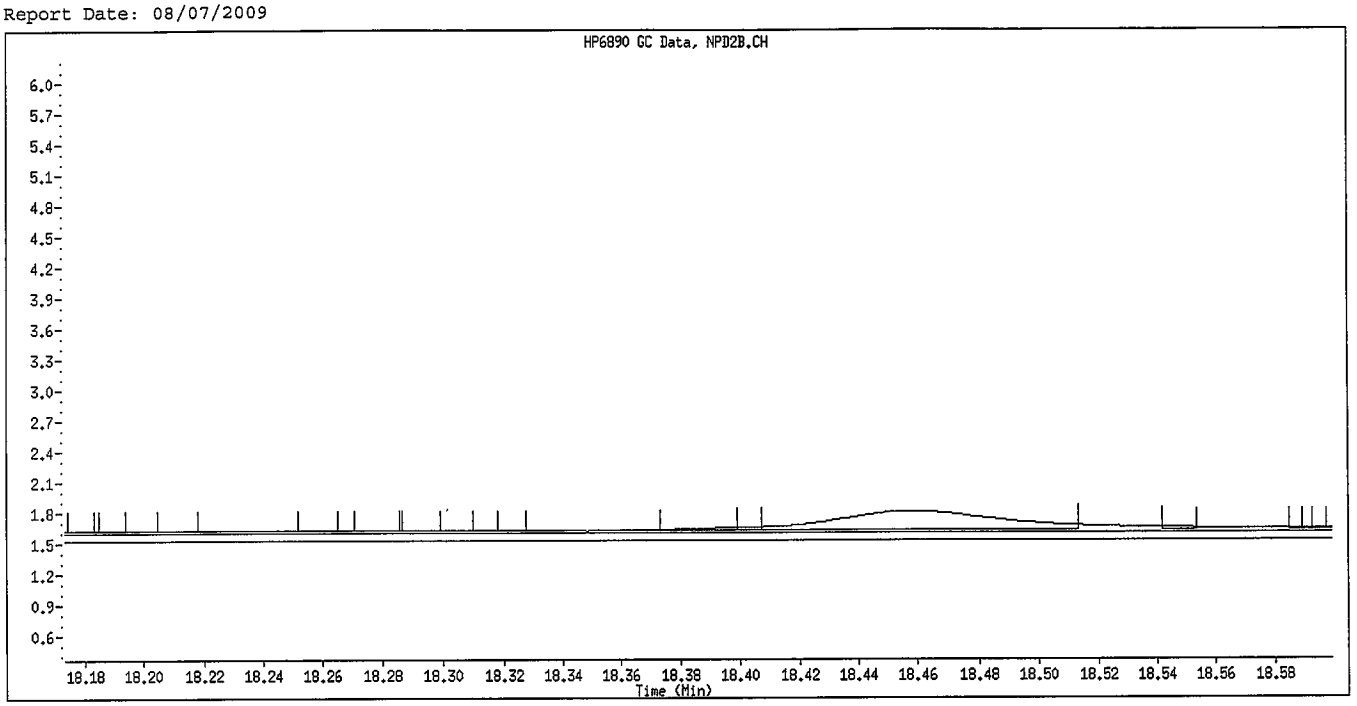


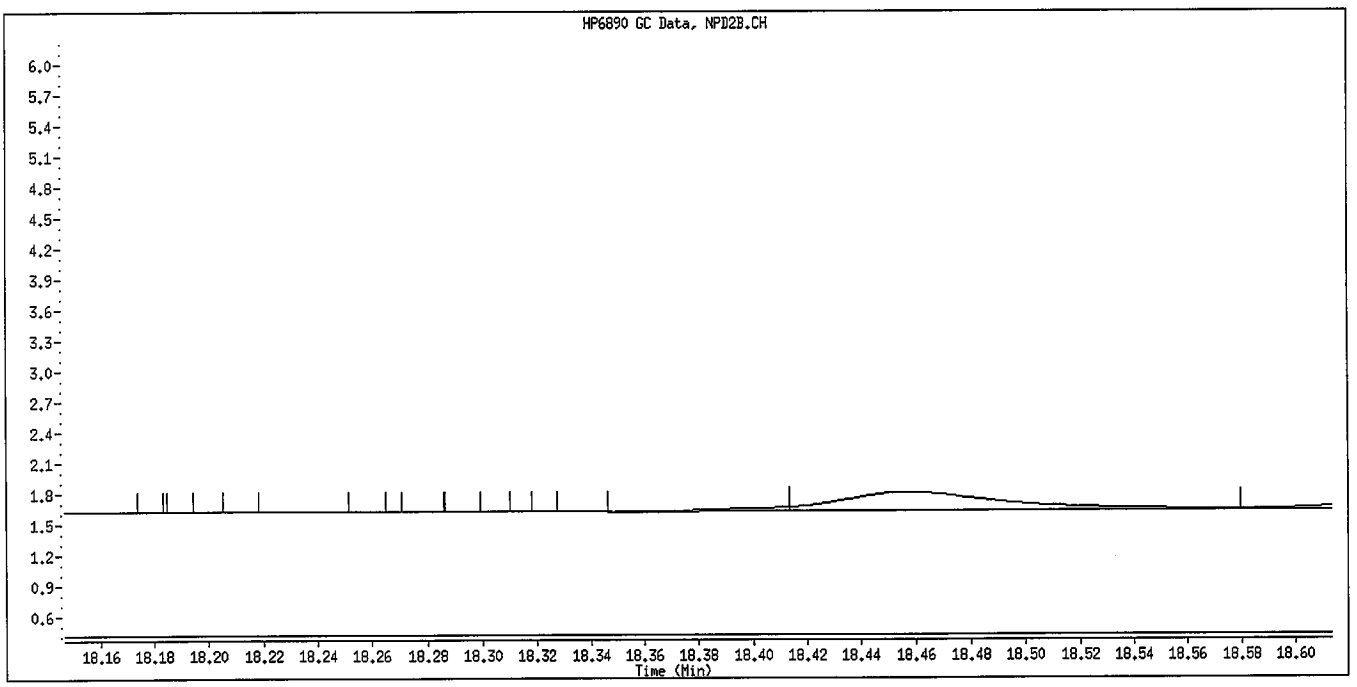
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Simazine
CAS #:
Report Date: 08/07/2009



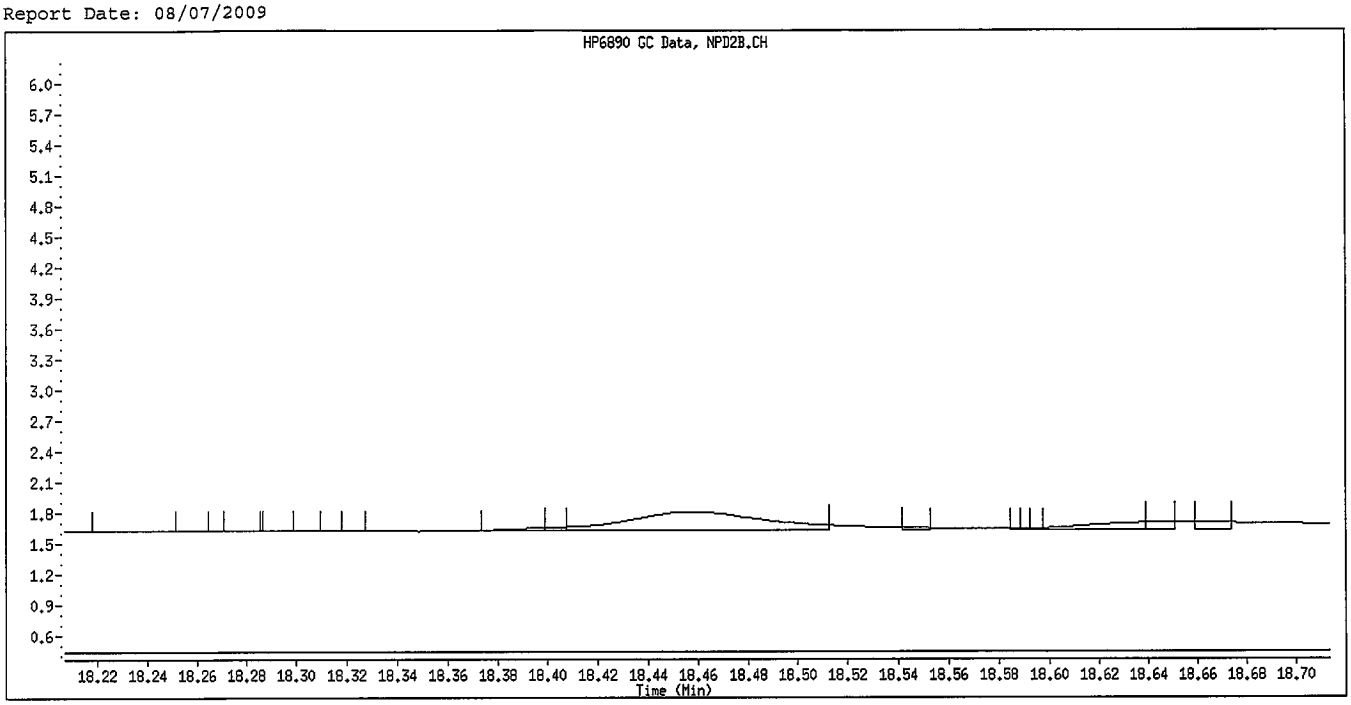
Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Atrazine / Propazine
CAS #:
Report Date: 08/07/2009



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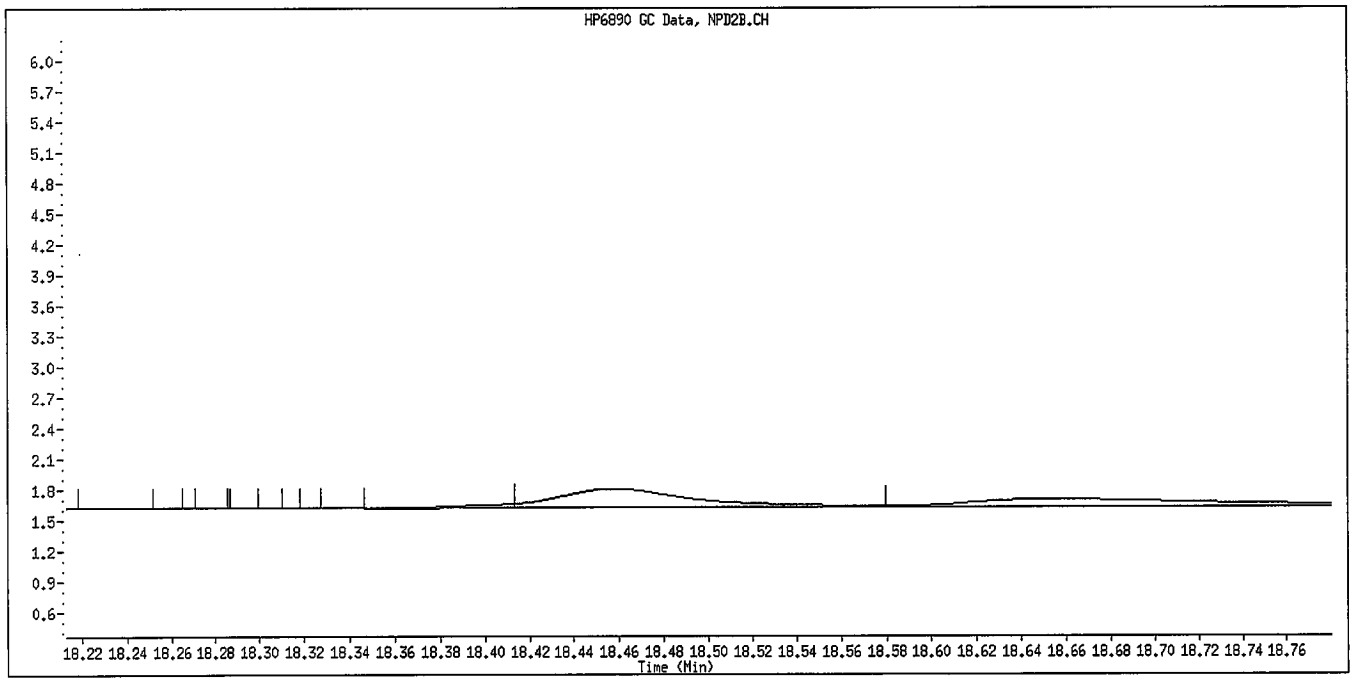
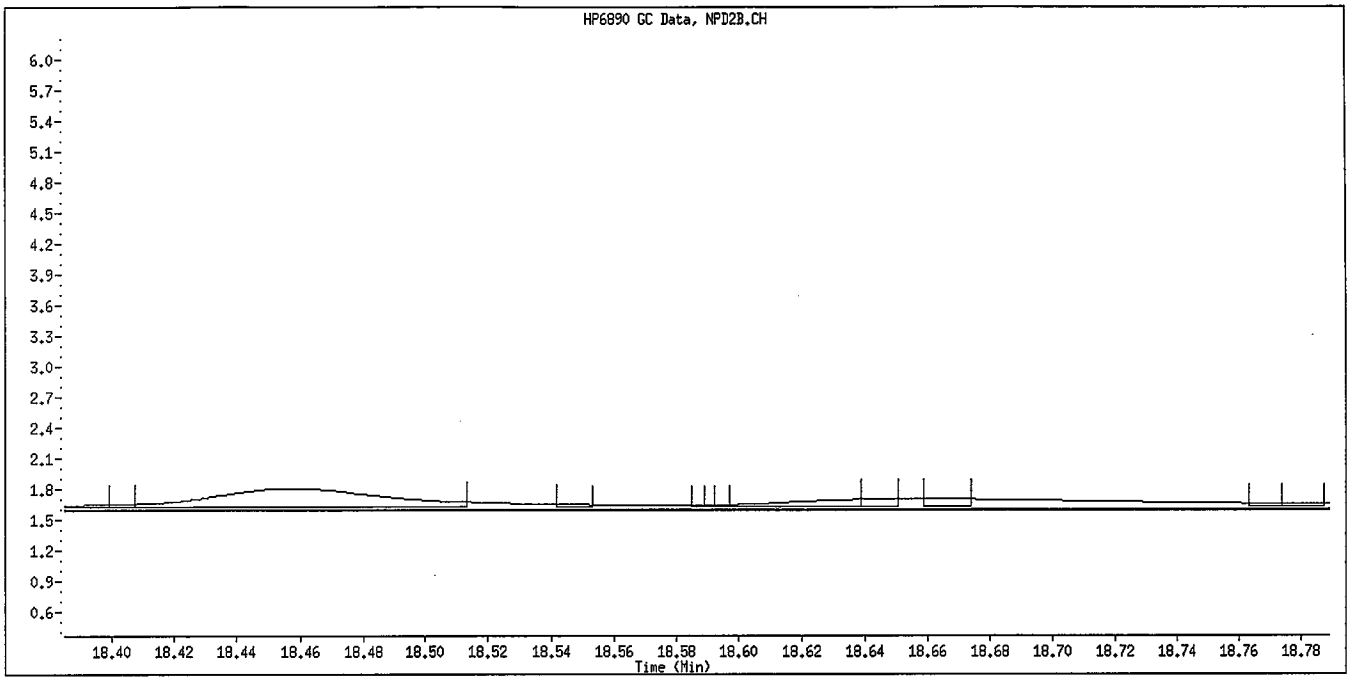


Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Dimethoate
CAS #:
Report Date: 08/07/2009



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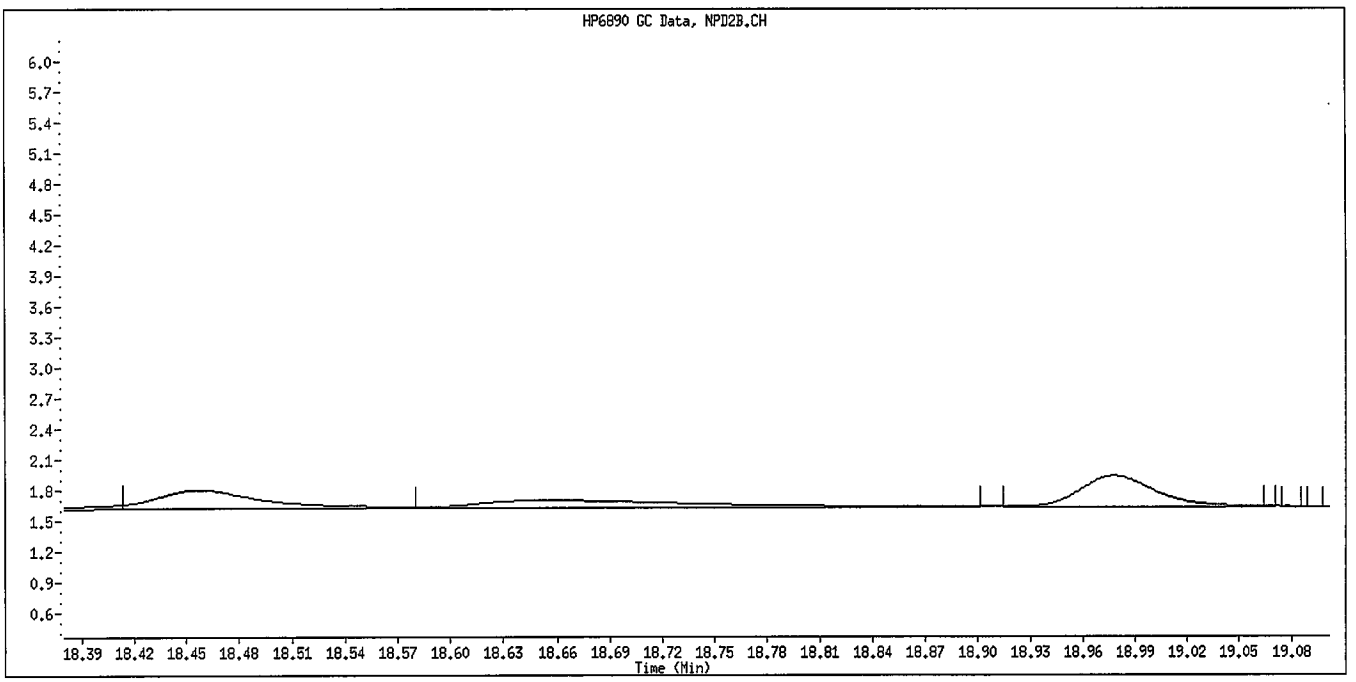
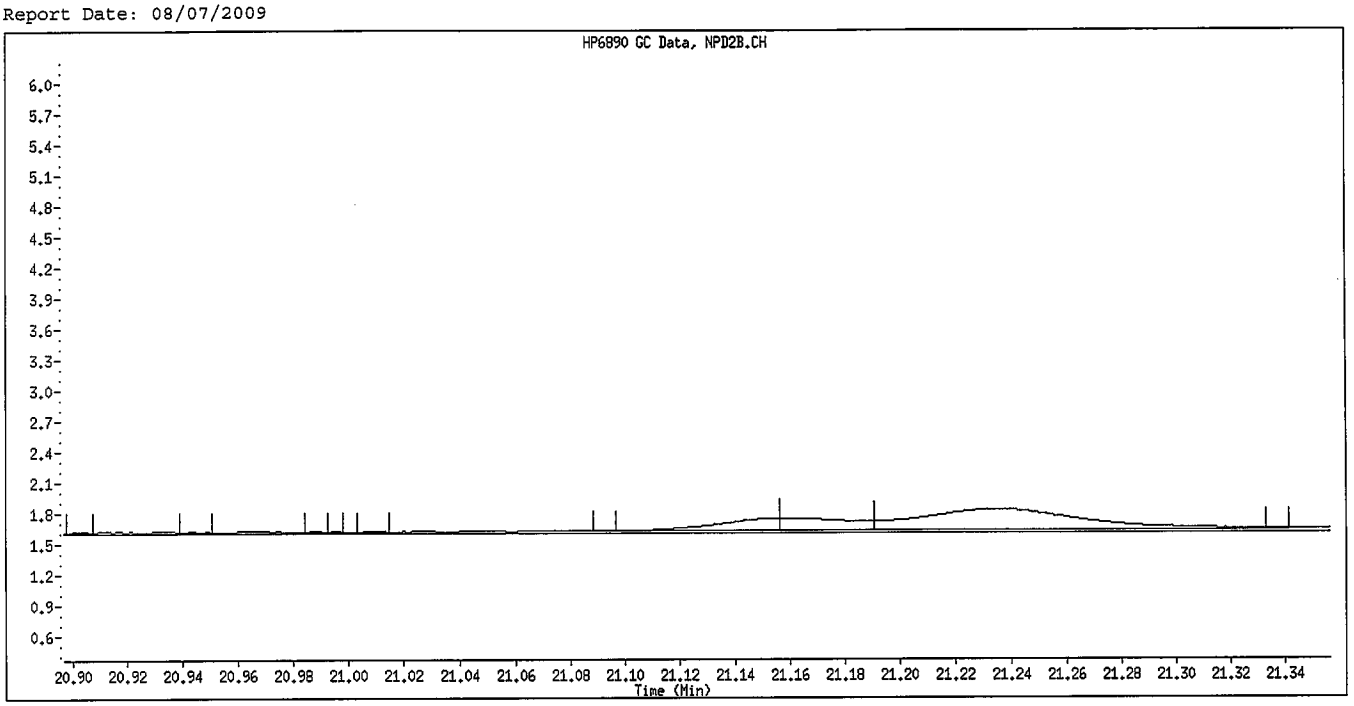


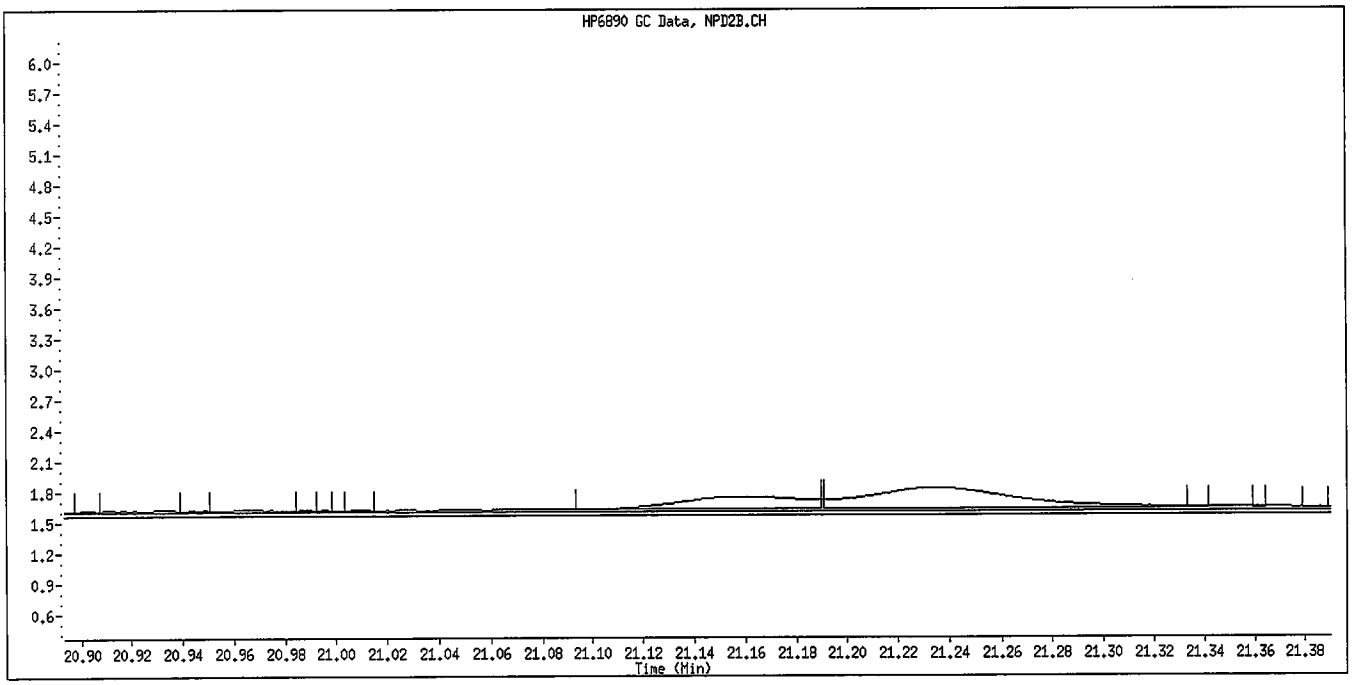
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Methyl Parathion
CAS #: 298-00-0
Report Date: 08/07/2009



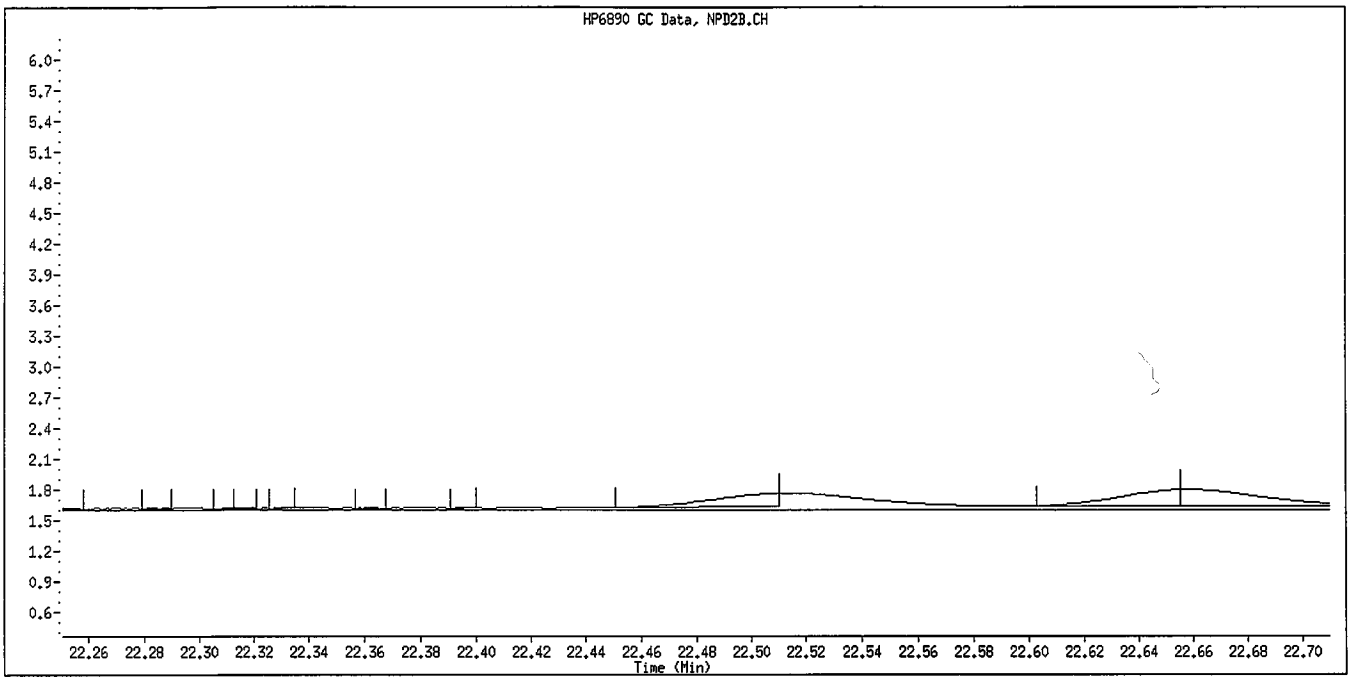
Original Integration



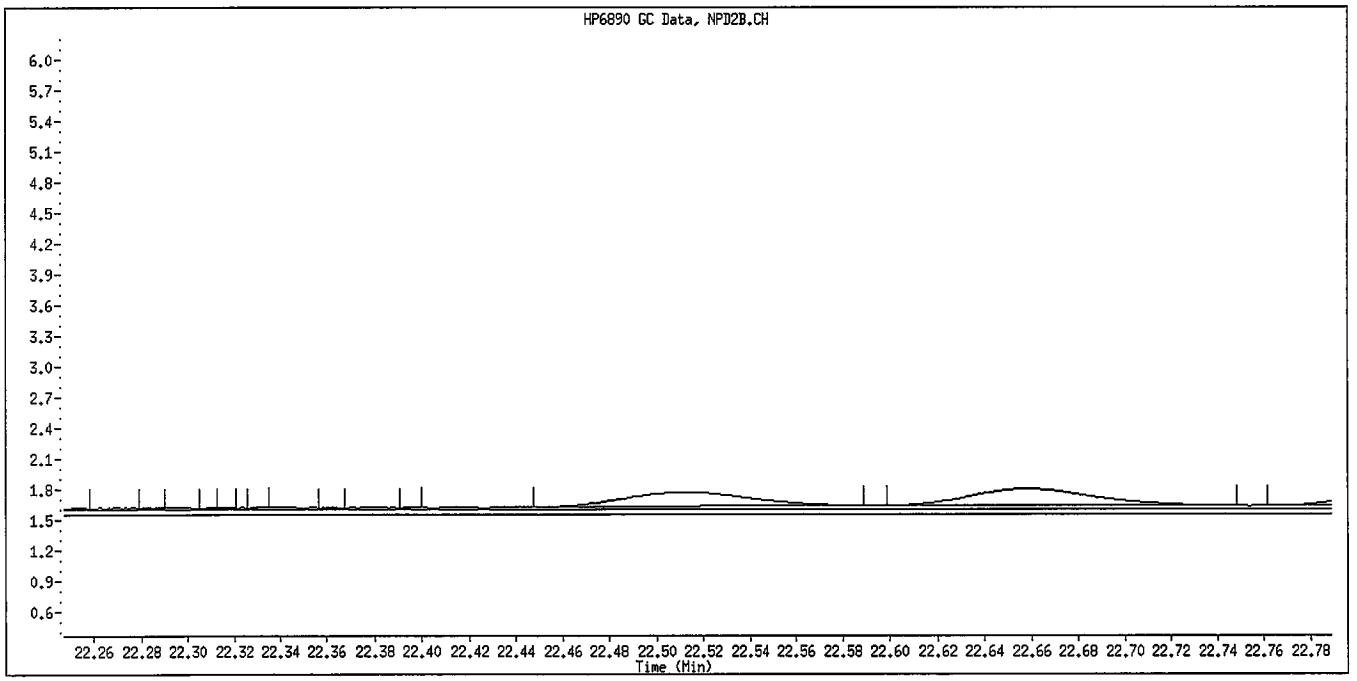
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Malathion
CAS #:
Report Date: 08/07/2009



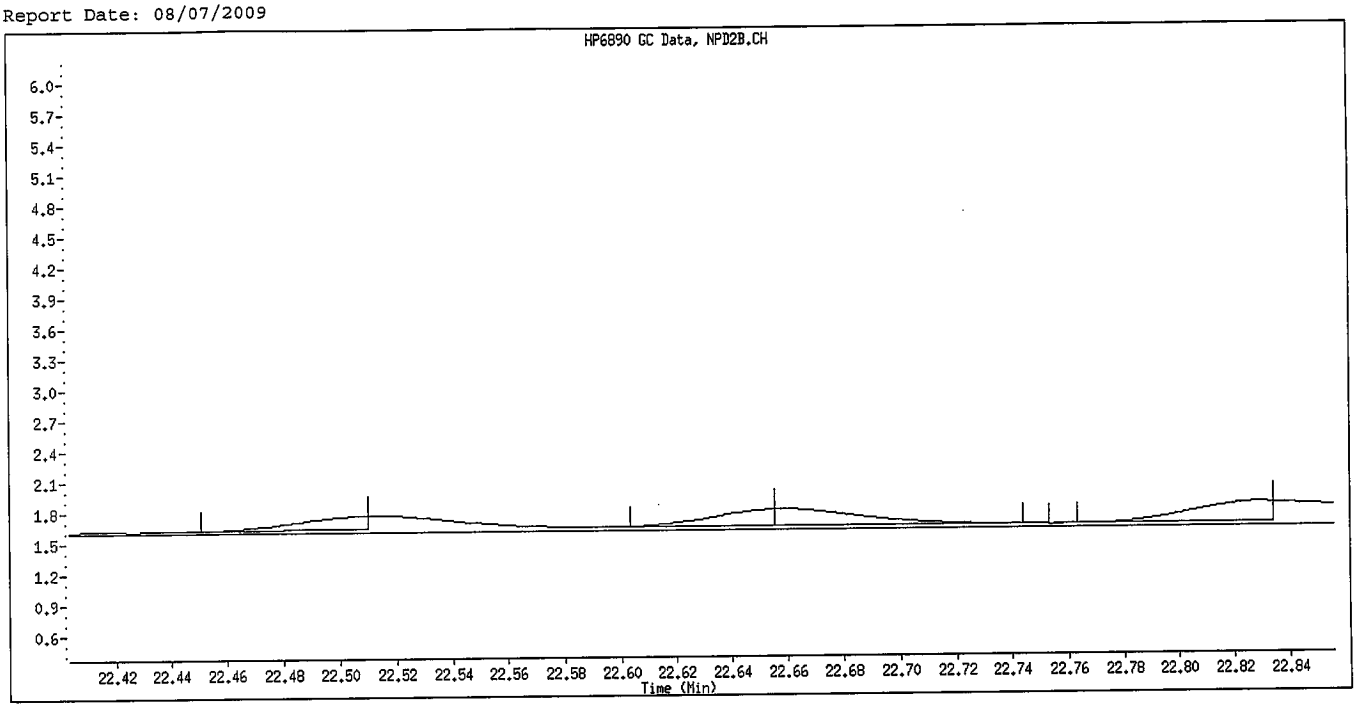
Original Integration



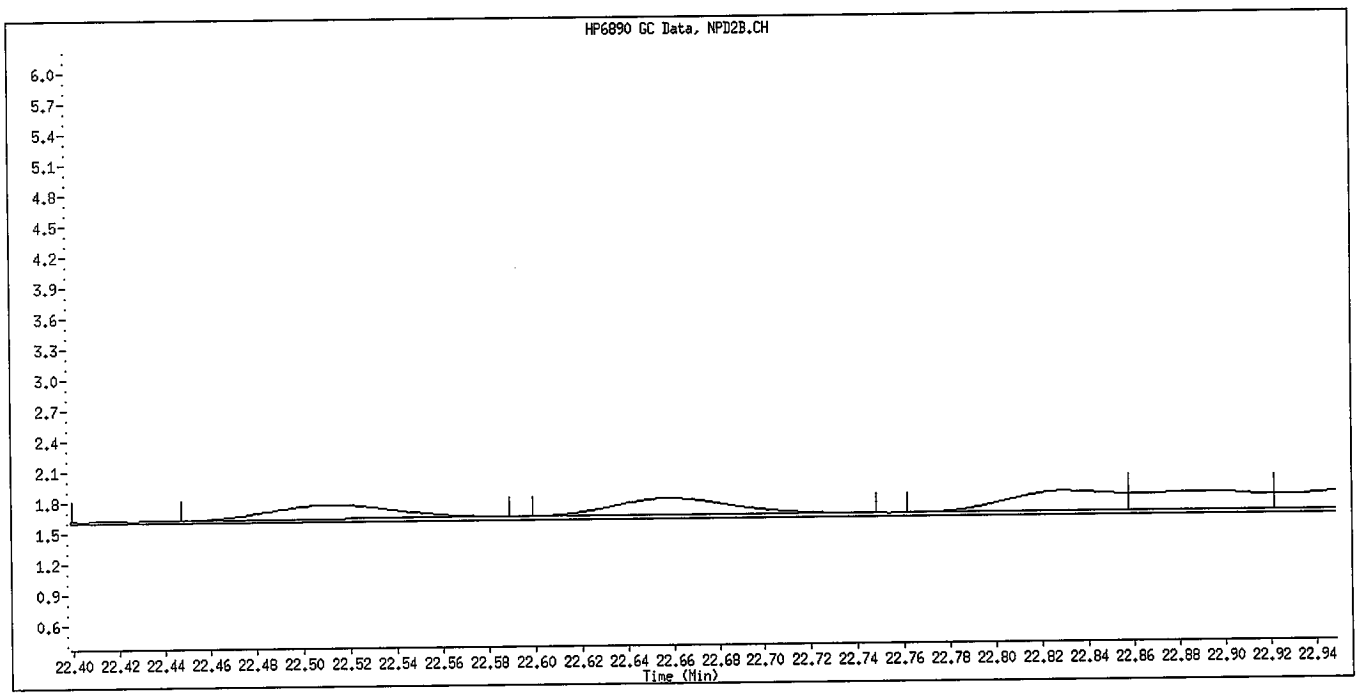
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Chlorpyrifos
CAS #:
Report Date: 08/07/2009



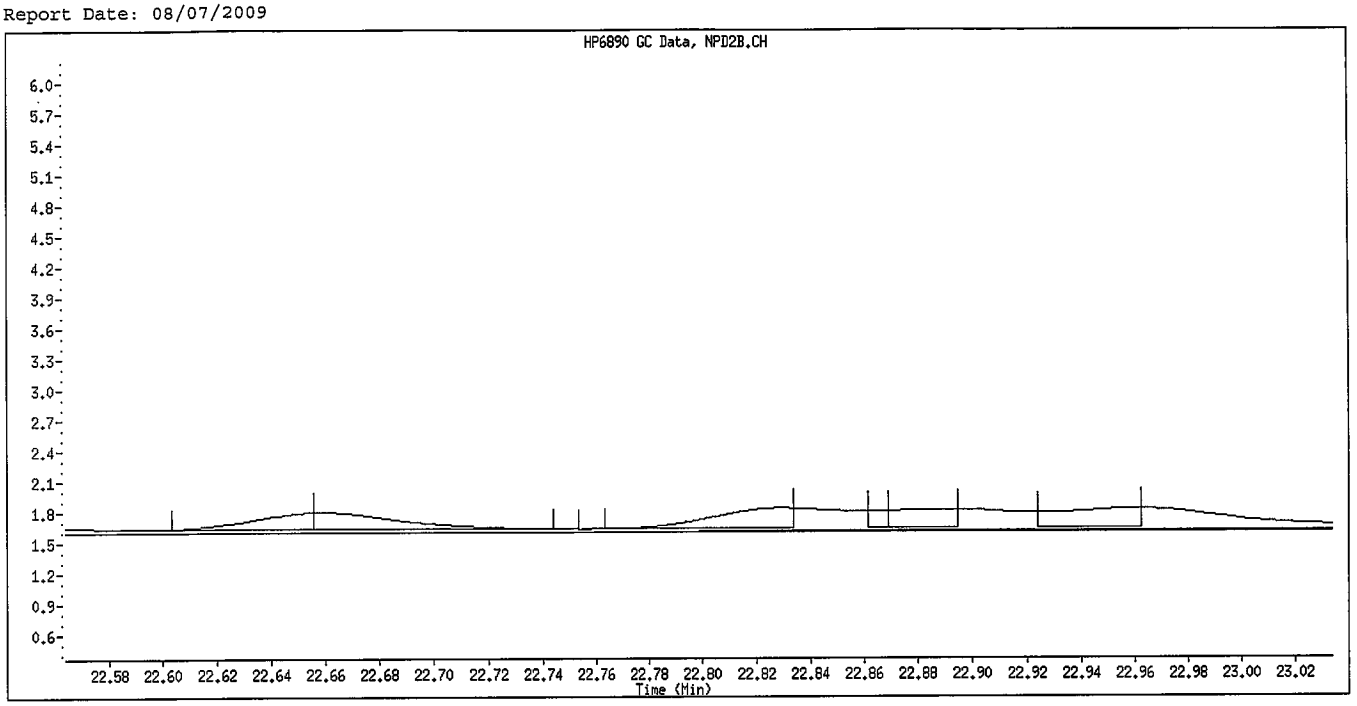
Original Integration



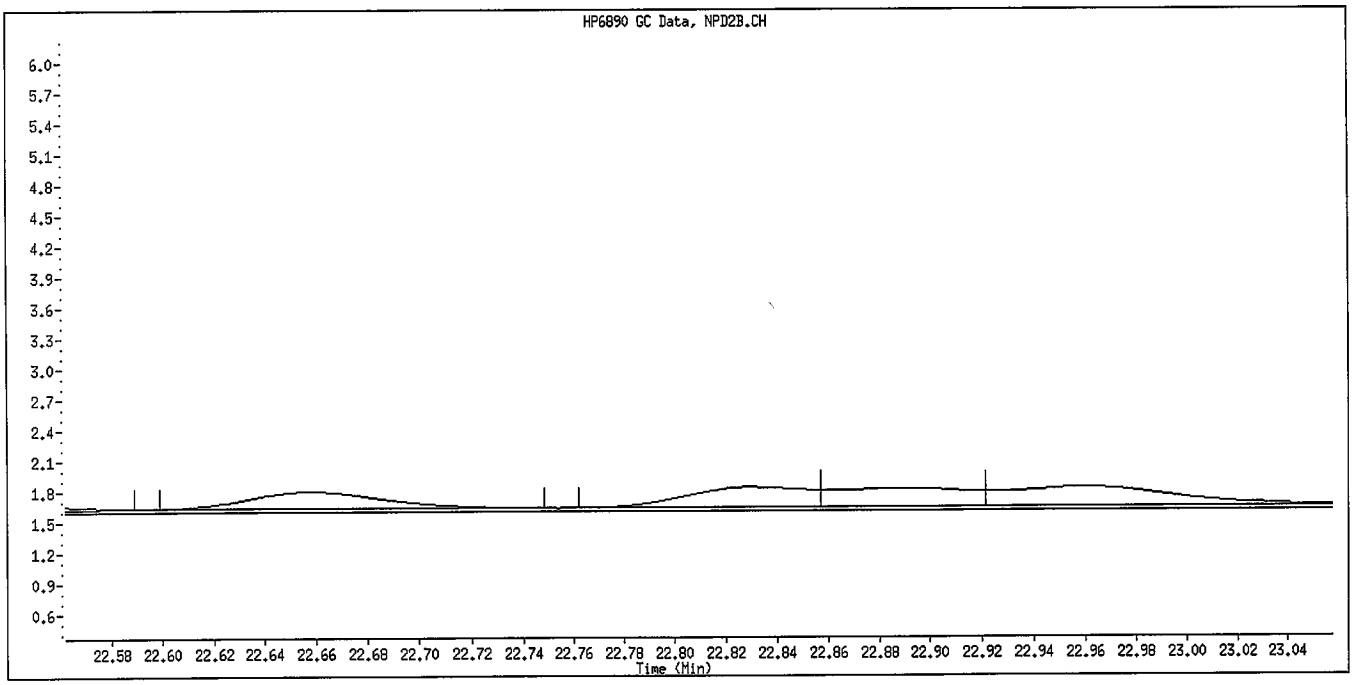
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Trichloronate
CAS #:
Report Date: 08/07/2009



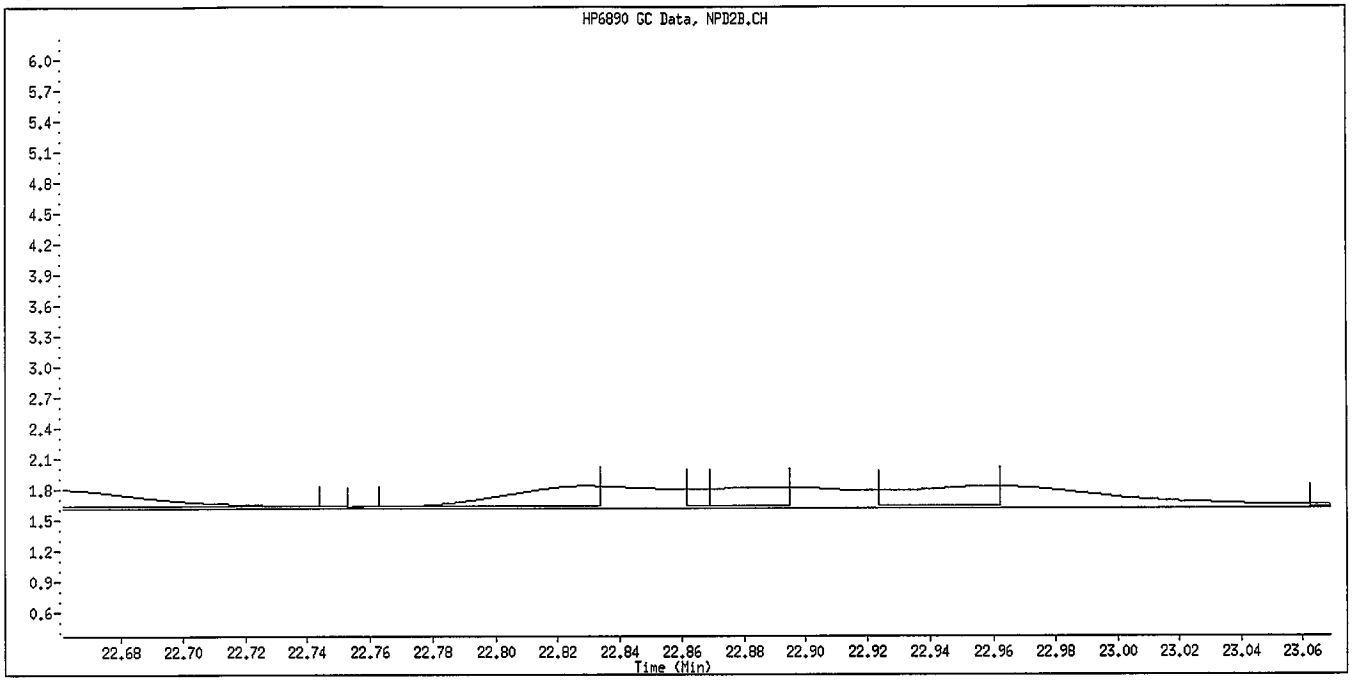
Original Integration



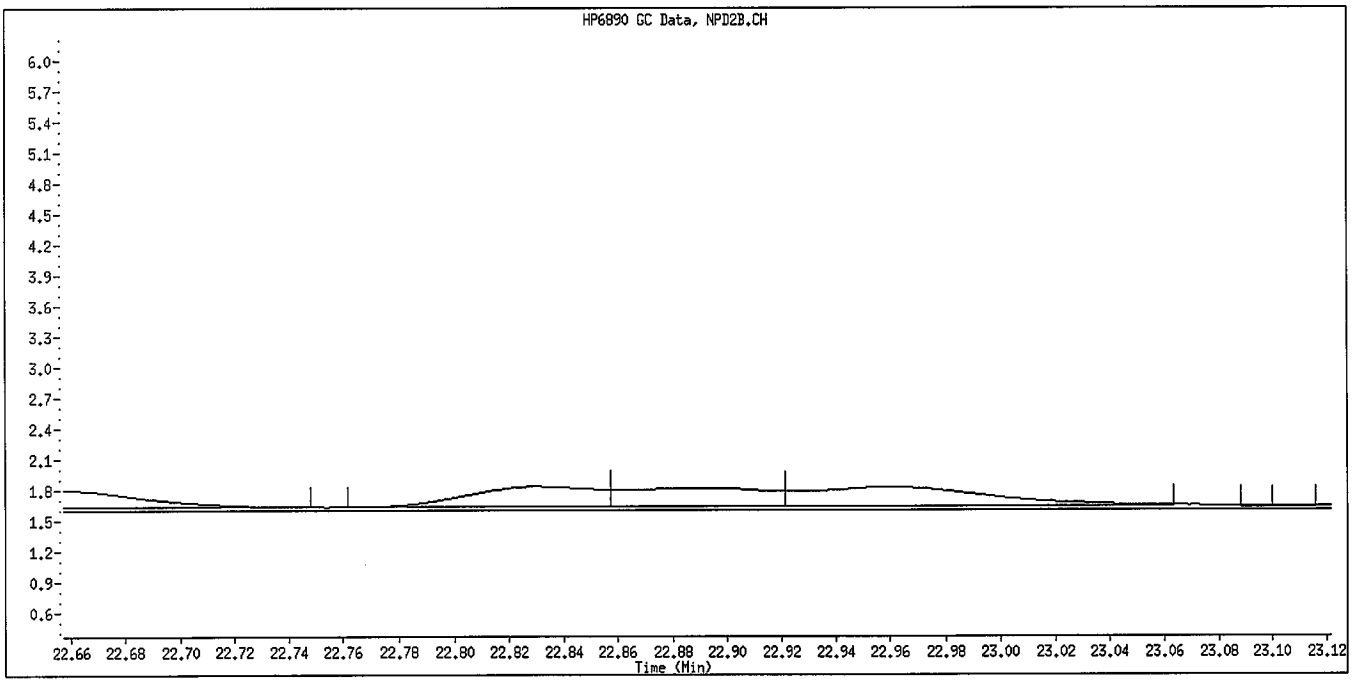
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Parathion
CAS #:
Report Date: 08/07/2009



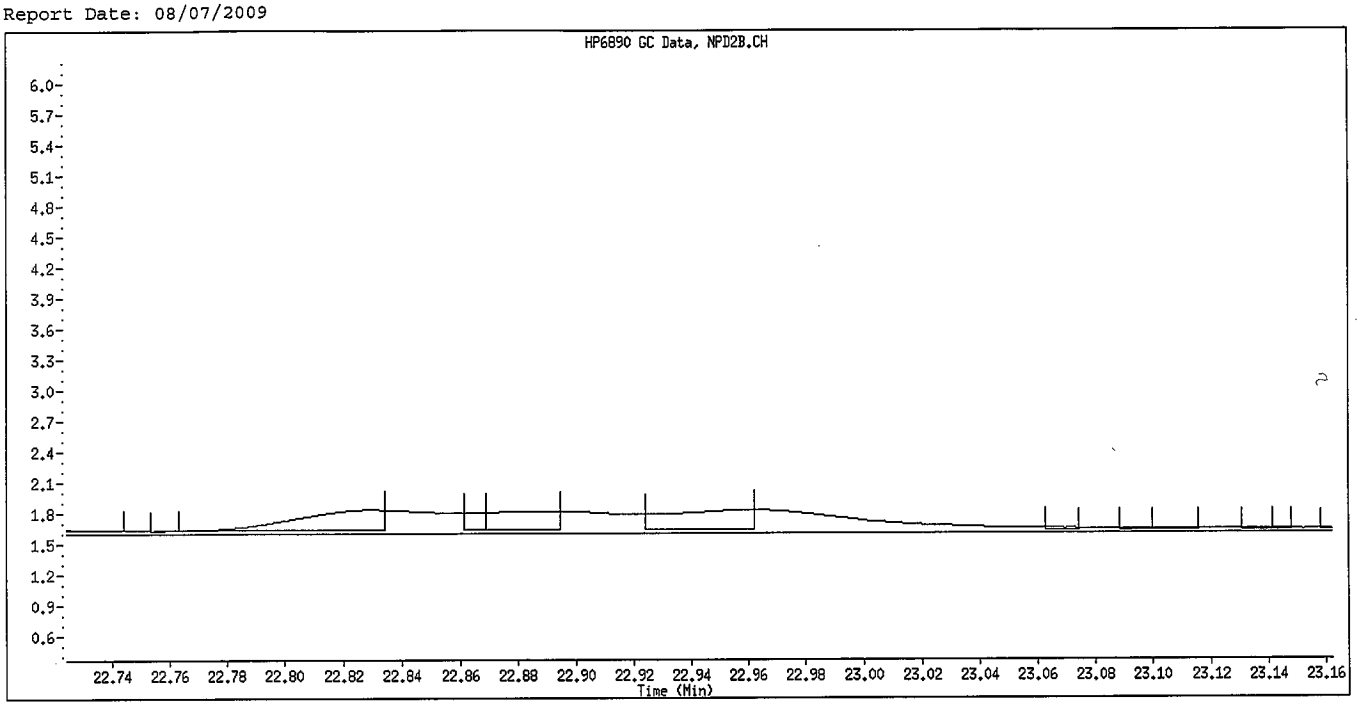
Original Integration



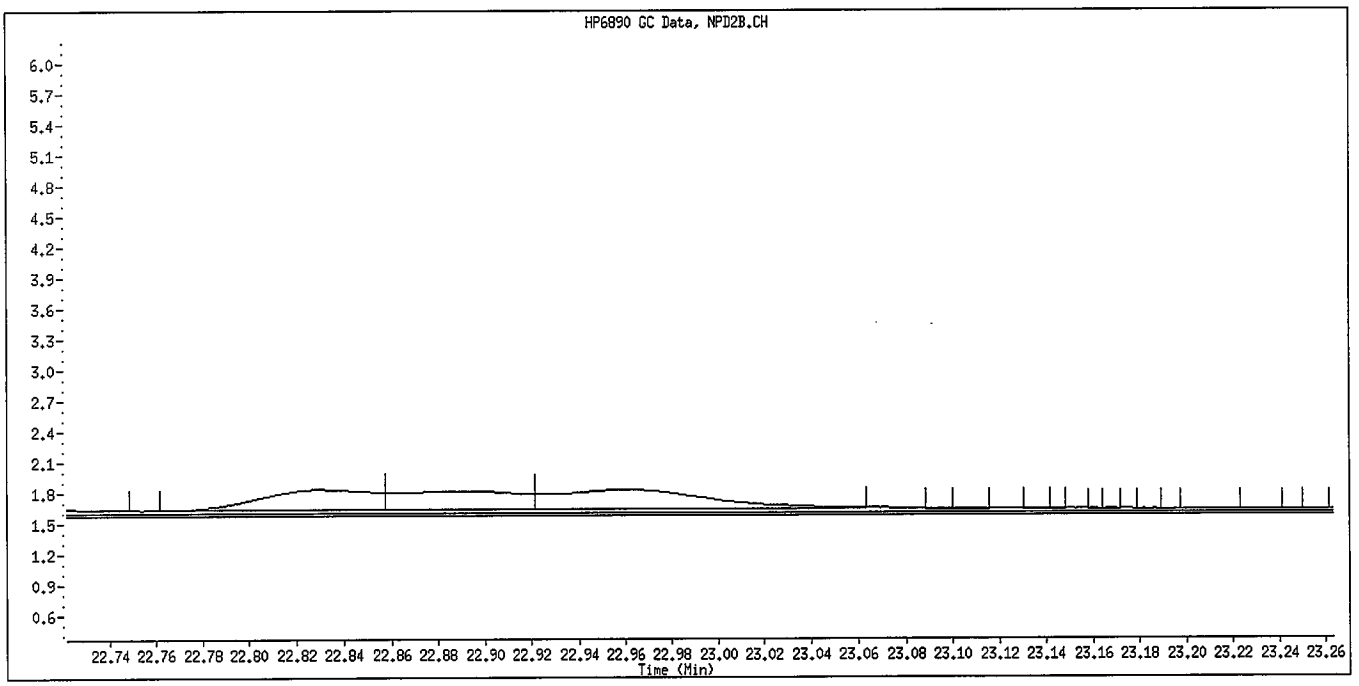
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Fenthion
CAS #:
Report Date: 08/07/2009



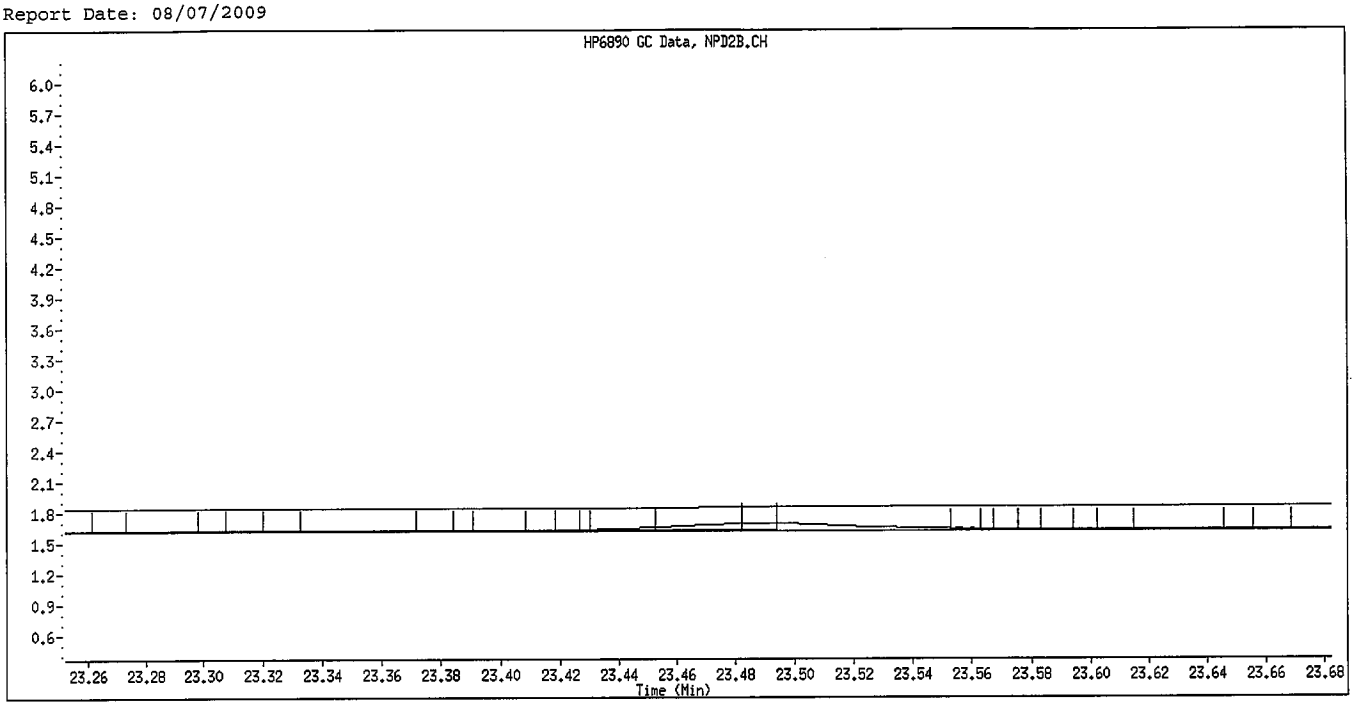
Original Integration



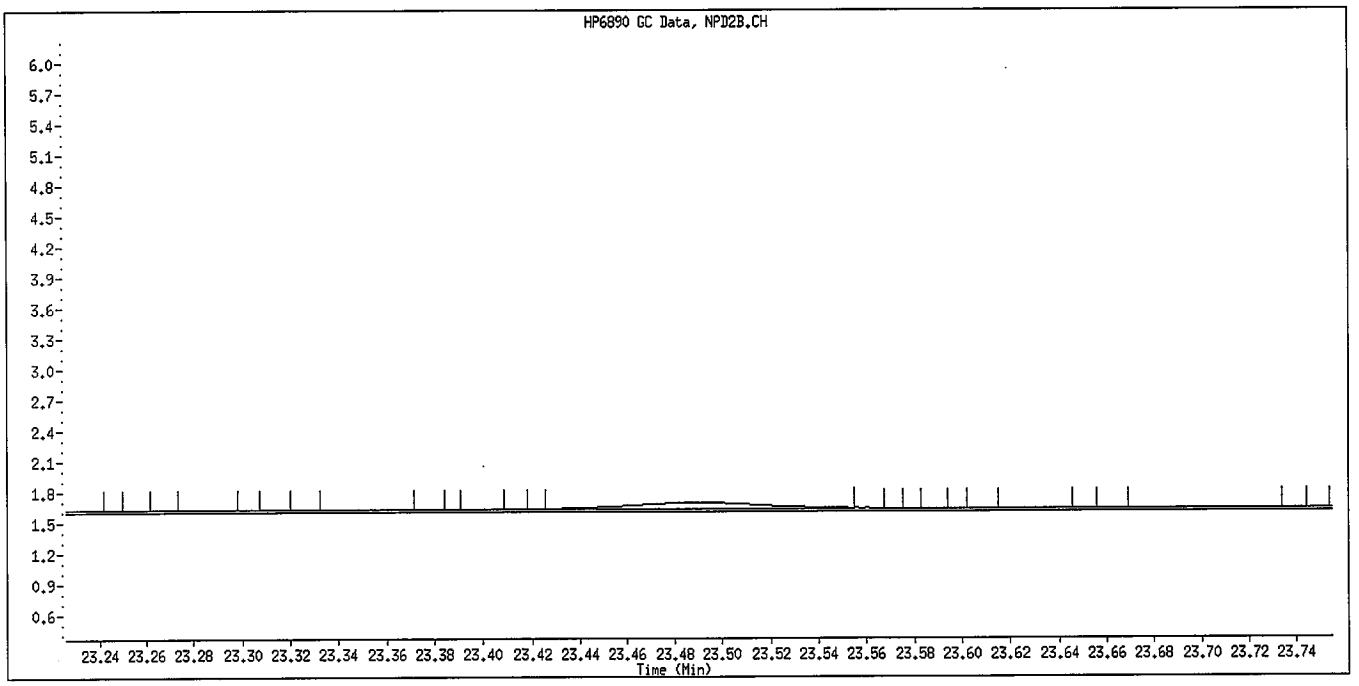
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Merphos-A (Merphos)
CAS #:
Report Date: 08/07/2009



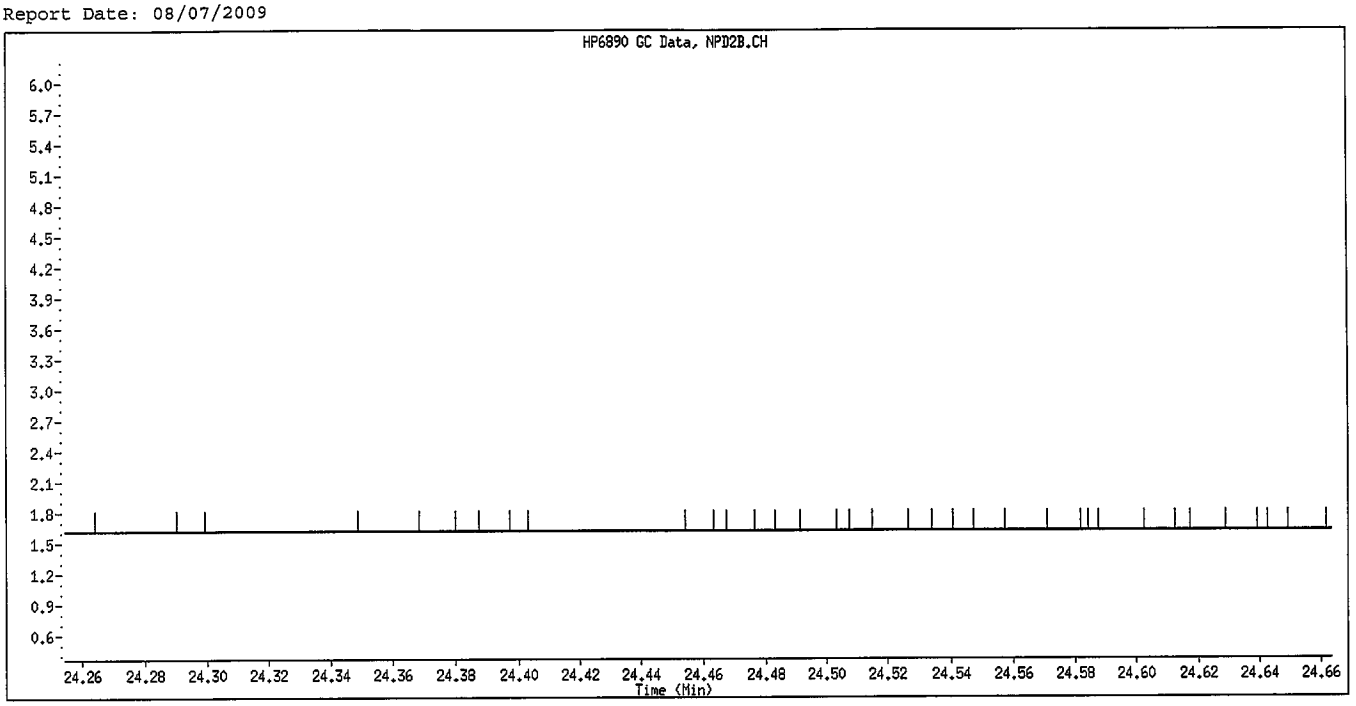
Original Integration



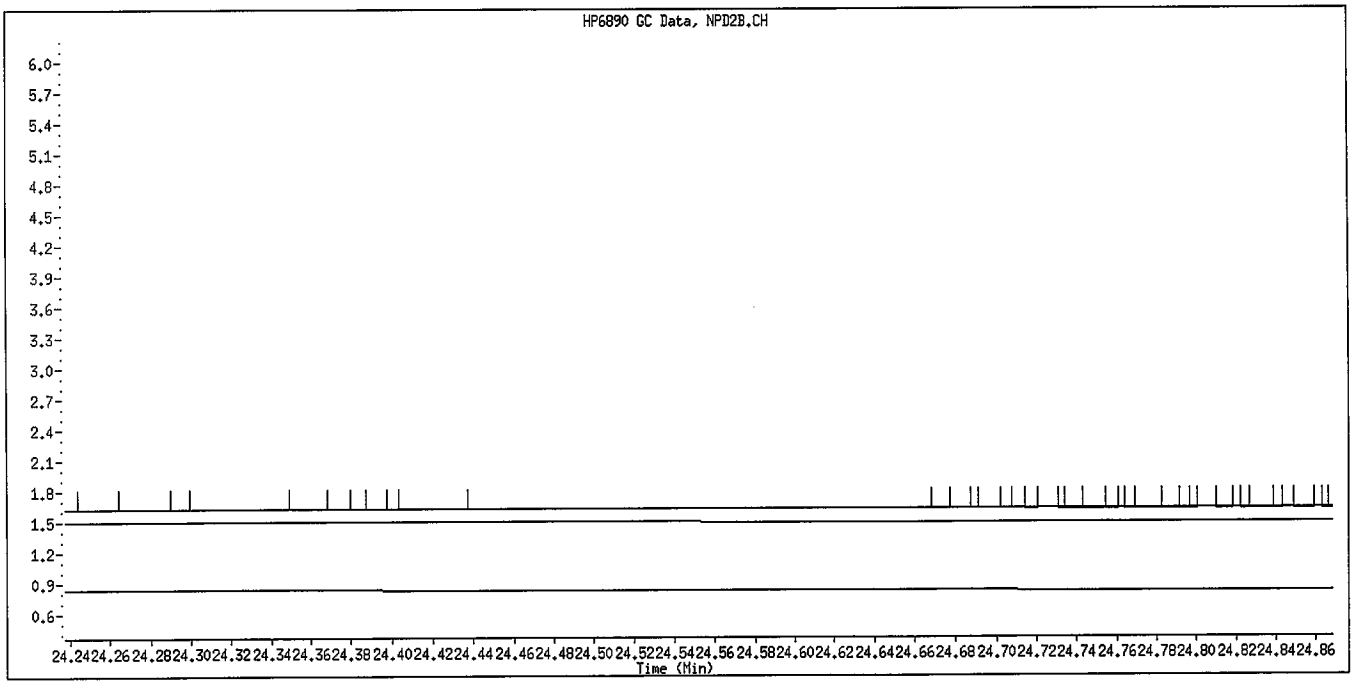
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Unknown

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Anilazine
CAS #:
Report Date: 08/07/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\010F1001.D
Lab Smp Id: 8141 SS GSV87609 Client Smp ID: 8141 SS GSV87609
Inj Date : 06-AUG-2009 19:10
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 SS GSV87609
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Meth Date : 07-Aug-2009 13:44 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 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	6.759	6.758	(0.417)	1982981	2.00000	2.142
	2 Dichlorvos	8.952	8.952	(0.553)	820110	2.00000	1.988
$	3 Chlormefos	12.884	12.885	(0.796)	1049387	2.00000	1.693
	4 Mevinphos	13.007	13.006	(0.803)	396793	2.00000	1.578
	5 Demeton-O	15.938	15.939	(0.984)	783301	0.65000	2.068
	6 Thionazin	16.068	16.067	(0.992)	1242073	2.00000	2.214
*	7 Tributylphosphate	16.194	16.193	(1.000)	989795	2.00000	
	8 Ethoprop	16.334	16.332	(1.009)	991713	2.00000	1.968
	9 Naled	16.922	16.921	(1.045)	293536	2.00000	1.681
	10 Sulfotepp	17.234	17.234	(1.064)	1523384	2.00000	1.842(M)
	11 Phorate	17.259	17.268	(1.066)	669687	2.00000	1.601(M)
	12 Demeton-S	17.967	17.962	(1.109)	35517	1.36000	0.09345
	13 Simazine	18.368	18.368	(1.134)	310718	2.00000	2.770
	14 Atrazine / Propazine	18.433	18.434	(1.138)	961286	4.00000	4.232
	15 Dimethoate	18.572	18.569	(1.147)	1043639	2.00000	2.161
	16 Diazinon	18.968	18.967	(1.171)	894541	2.00000	1.823
	17 Disulfoton	19.229	19.231	(1.187)	968530	2.00000	1.954
	18 Methyl Parathion	21.132	21.132	(0.736)	687687	2.00000	1.965
	19 Ronnel	21.221	21.222	(0.739)	819203	2.00000	1.936
	20 Malathion	22.493	22.492	(0.784)	630611	2.00000	1.857
	21 Chlorpyrifos	22.644	22.644	(0.789)	779213	2.00000	1.974
	22 Trichloronate	22.818	22.819	(0.795)	842452	2.00000	1.730
	23 Parathion	22.866	22.866	(0.797)	901002	2.00000	2.044
	24 Fenthion	22.941	22.942	(0.799)	829378	2.00000	1.911
	25 Merphos-A (Merphos)	23.474	23.472	(0.818)	49502	2.00000	0.2815
	26 Anilazine	24.453	24.451	(0.852)	23396	2.00000	0.8232(M)
	27 Tetrachlorvinphos (stirophos)	25.868	25.869	(0.901)	517991	2.00000	1.864
	28 Tokuthion	26.043	26.043	(0.907)	908701	2.00000	1.961
	29 Merphos-B (Merphos oxone)	26.175	26.176	(0.912)	772553	2.00000	11.92(A)
	30 Carbophenothion methyl	26.998	26.999	(0.941)	436501	2.00000	1.348
	31 Fensulfothion	27.238	27.237	(0.949)	544086	2.00000	1.947
	32 Bolstar	27.346	27.347	(0.953)	881894	2.00000	1.988
	33 Carbophenothion	27.458	27.460	(0.957)	782536	2.00000	2.111

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Famphur	27.643	27.644	(0.963)	772985	2.00000	2.282
$	35 Triphenyl phosphate	27.933	27.932	(0.973)	567174	2.00000	1.789
	36 EPN	28.238	28.240	(0.984)	797078	2.00000	2.192
	37 Phosmet	28.366	28.366	(0.988)	677199	2.00000	2.275
*	38 TOCP	28.704	28.705	(1.000)	732545	2.00000	
	39 Azinphos-methyl	28.815	28.816	(1.004)	449646	2.00000	1.818
	40 Azinphos-ethyl	29.128	29.127	(1.015)	575359	2.00000	2.165
	41 Coumaphos	29.454	29.453	(1.026)	451547	2.00000	1.896
M	42 Total Demeton				818818	2.00000	2.162
M	43 Merphos				822055	2.00000	1.909

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

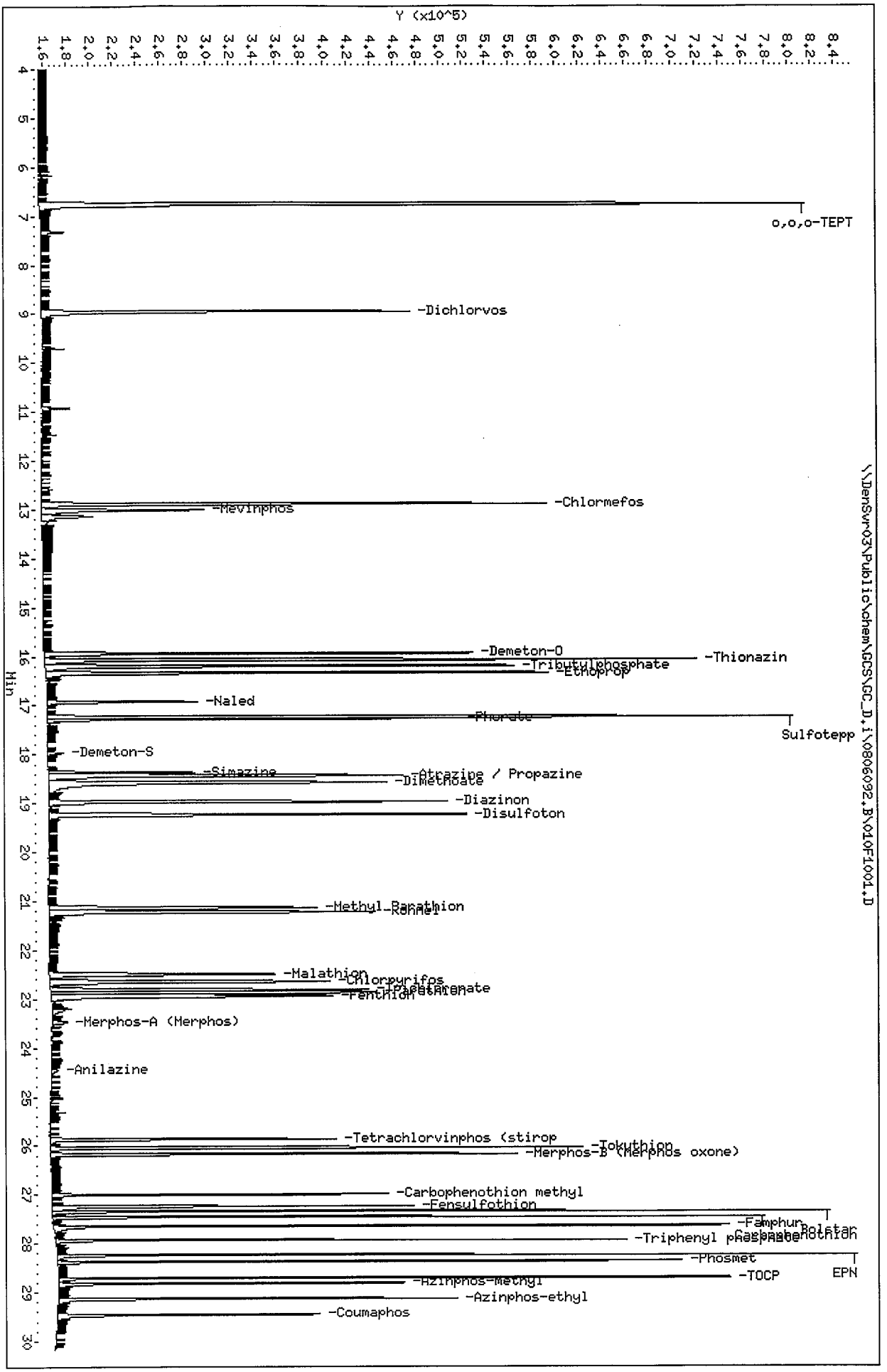
Instrument ID: GC_D.i
Lab File ID: 010F1001.D
Lab Smp Id: 8141 SS GSV87609
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Misc Info:

Calibration Date: 06-AUG-2009
Calibration Time: 16:45
Client Smp ID: 8141 SS GSV8760
Level:
Sample Type:

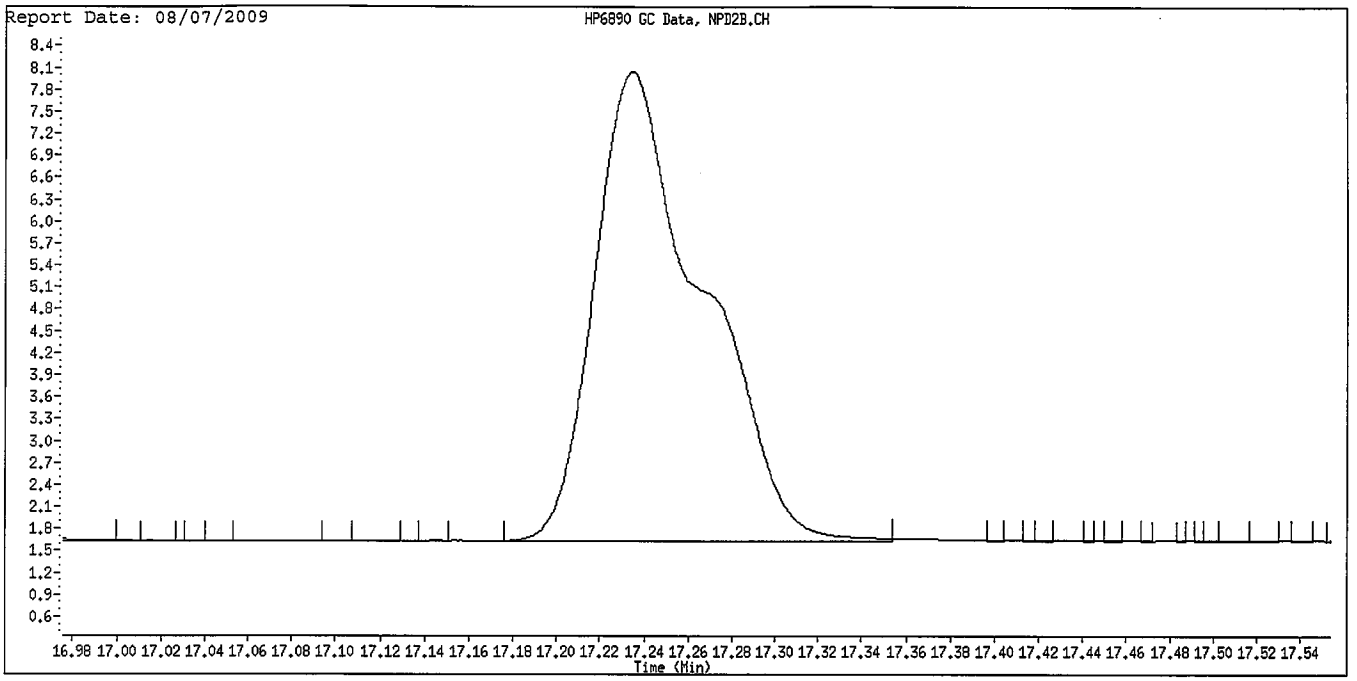
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	1016126	508063	2032252	989795	-2.59
38 TOCP	752526	376263	1505052	732545	-2.66

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.20	15.70	16.70	16.19	-0.00
38 TOCP	28.71	28.21	29.21	28.70	-0.00

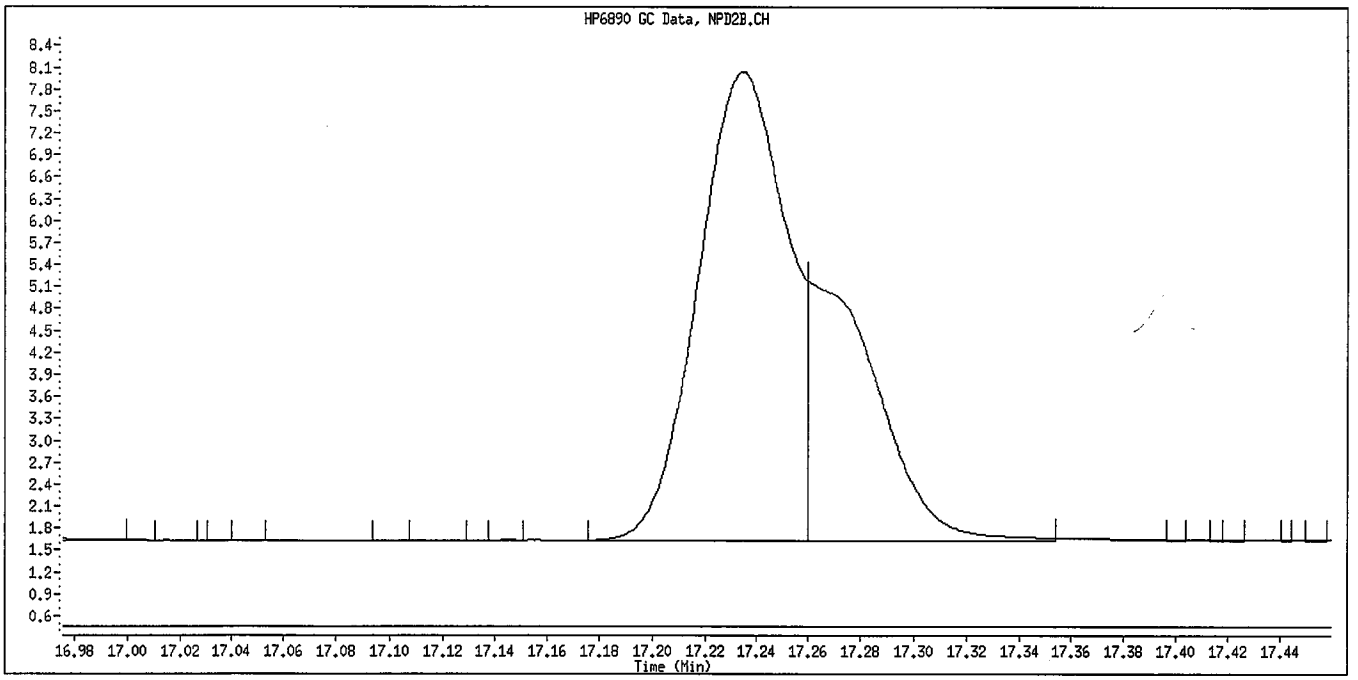
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Y (x10^5)
Min
o,o,o-TEPT
-Dichlorvos
-Mevinphos
-Chlormefos
-Demeton-O
-Thionazin
-Tributylphosphate
-Ethoprop
-Naled
-Phorate
Sulfotepp
-Demeton-S
-Simazine
-Atrazine / Propazine
-Dimethoate
-Diazinon
-Disulfoton
-Methyl-Parathion
-Malathion
-Chlorpyrifos
-Fenthion
-Merphos-A (Merphos)
-Anilazine
-Tetrachlorvinphos (stirop
-Merphos-B (Merphos oxone)
-Carbophenothion methyl
-Fensulfothion
-Famphur
-Triphenyl phosphate
-Phosmet
EPN
-TOCP
-Azinphos-methyl
-Azinphos-ethyl
-Coumaphos
\\DenSvr03\Public\chem\GCS\GC_D,i\0806092,B\010F1001,D
Data File: \\DenSvr03\Public\chem\GCS\GC_D,i\0806092,B\010F1001,D
Date : 06-AUG-2009 19:10
Client ID: 8141 SS GSV87609
Sample Info: 8141 SS GSV87609
Column phase: RTx-OPPest
Instrument: GC_D,i
Operator: MPK/TLN
Column diameter: 0.32
Page 4

Data File Name: 010F1001.D
Inj. Date and Time: 06-AUG-2009 19:10
Instrument ID: GC_D.i
Client ID: 8141 SS GSV87609
Compound Name: Sulfotepp
CAS #:



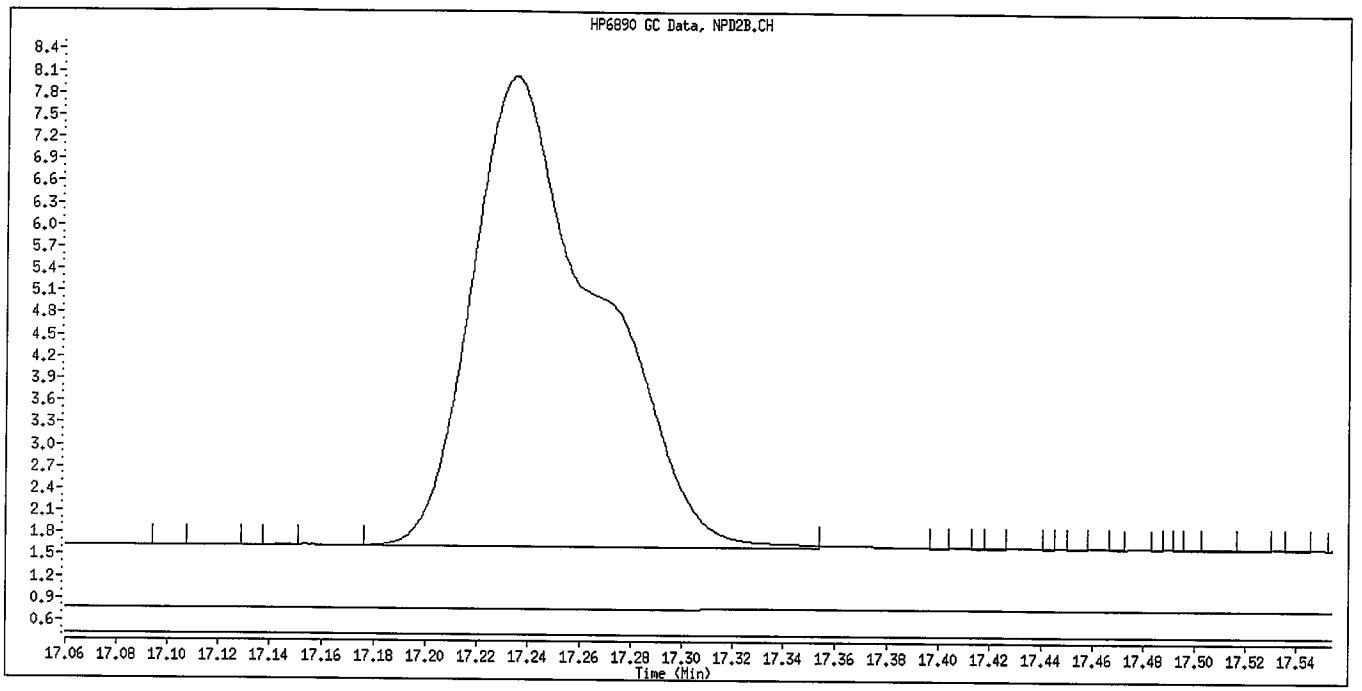
Original Integration



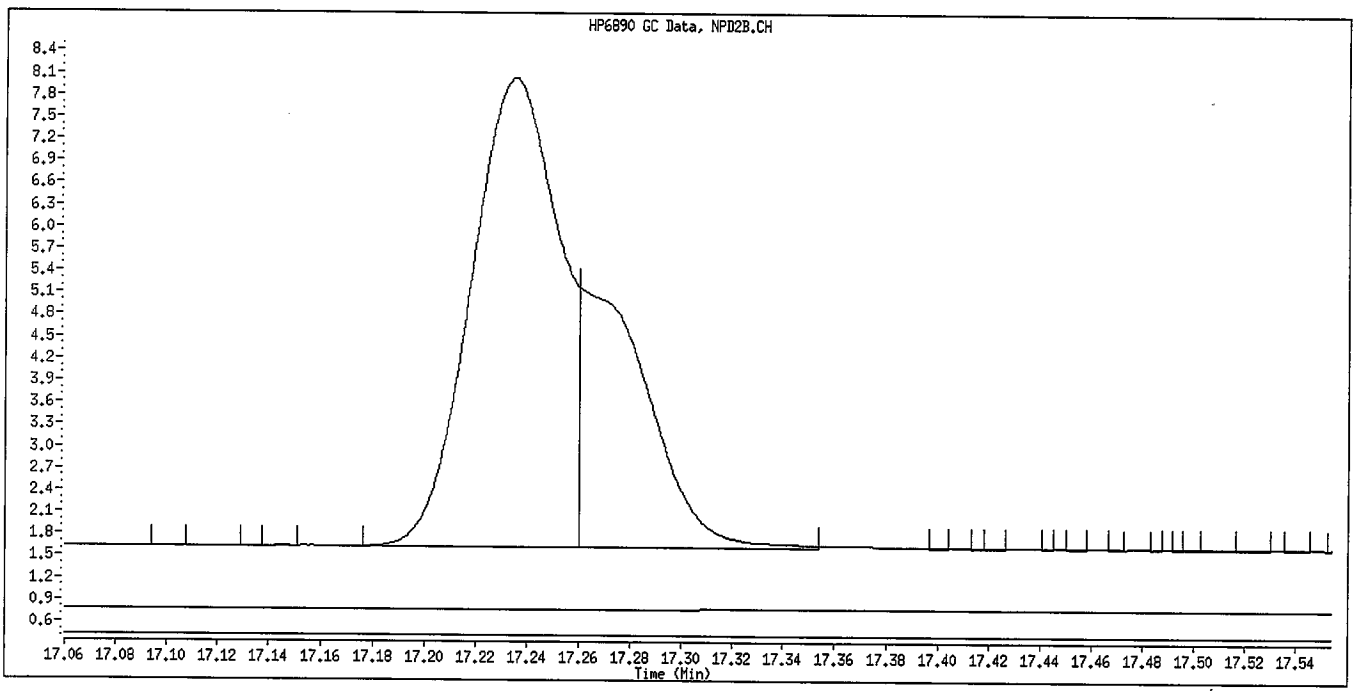
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 010F1001.D
Inj. Date and Time: 06-AUG-2009 19:10
Instrument ID: GC_D.i
Client ID: 8141 SS GSV87609
Compound Name: Phorate
CAS #:
Report Date: 08/07/2009



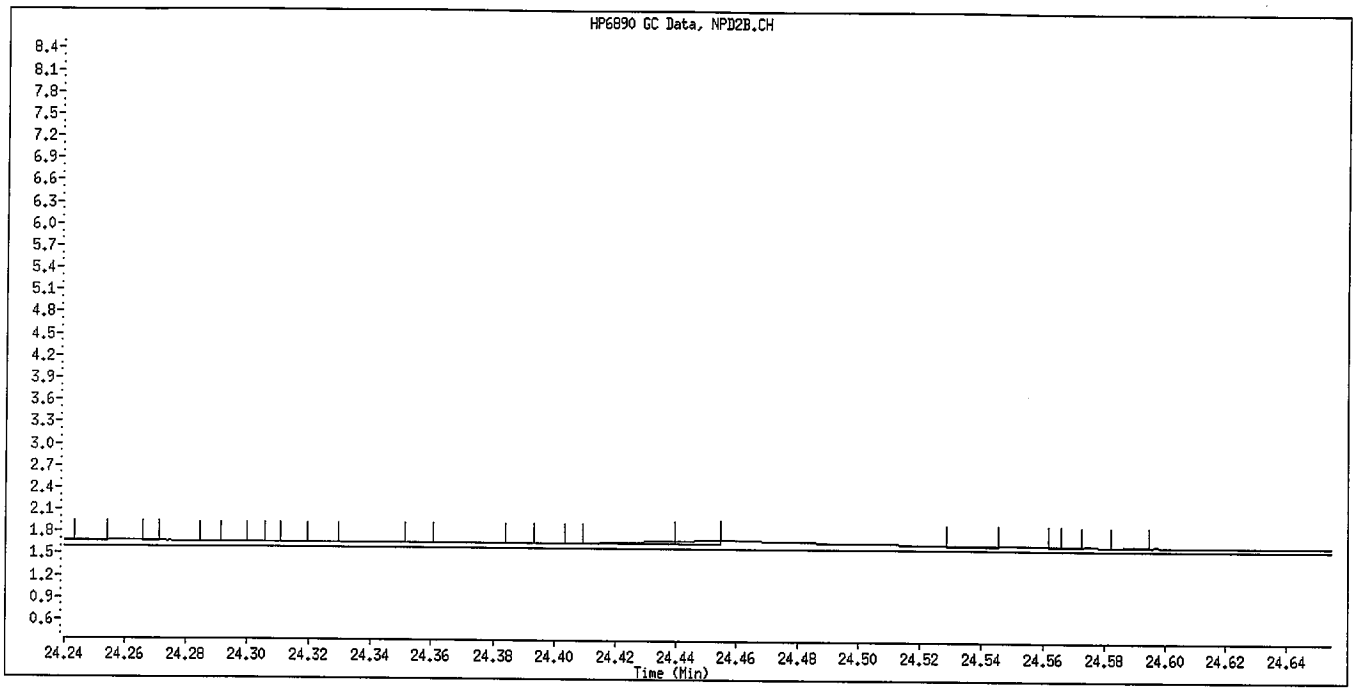
Original Integration



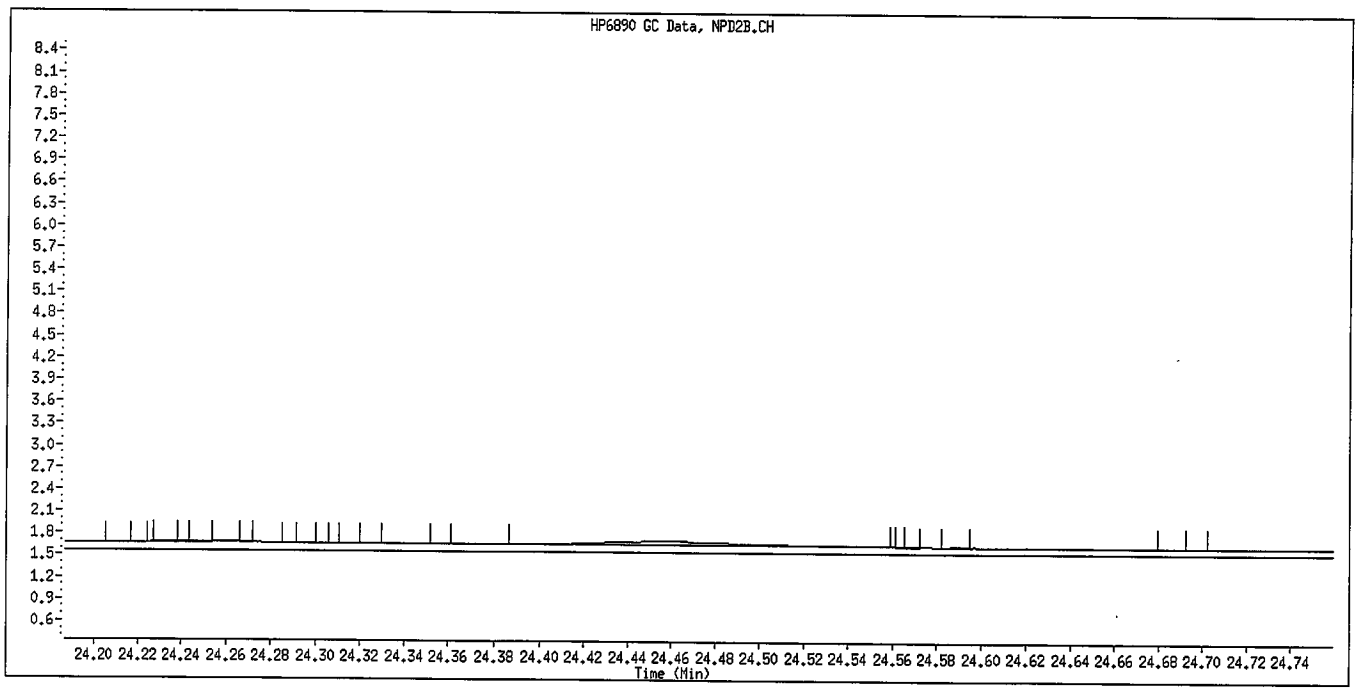
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 010F1001.D
Inj. Date and Time: 06-AUG-2009 19:10
Instrument ID: GC_D.i
Client ID: 8141 SS GSV87609
Compound Name: Anilazine
CAS #:
Report Date: 08/07/2009



Original Integration



Manual Integration

Semivolatile GC

Supporting Documentation

Sample Sequence, Chromatograms

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Lot ID: D9G310187

Client: Northgate

Method: 8141

Associated Samples: 1, 2

Batch #(s): 9215329

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

Signature/Date: J. Benallo 8/11/09

GC SEMIVOLATILE ORGANIC EXTRACTION LOG SHEETS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

RQC058

TestAmerica Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 8/05/09
Time: 20:40:52

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: 004599 Craig Cullen

Concentrationist: 002770 Erma J. Pottruff

Reviewer/Date: POTTRUFE / 8/05/09

QC BATCH: 9215329

PREP DATE: 8/03/09 17:00
COMP DATE: 8/05/09 20:45

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
8/12/09	8/11/09	D9G300332-001 **LHA07-1-AA**	DR	11	P2	SOLID	**29.10g** 2.00mL	NA	NA	NA	1:1	300.0	HEXANE	50.0	1ML GSV0893 073009
COMMENTS:															
8/12/09	8/11/09	D9G300332-001 **LHA07-1-ADS**	DR	11	P2	SOLID	**29.09g** 2.00mL	NA	NA	NA	1:1	300.0	HEXANE	50.0	1ML GSV0883 072809 1ML GSV0893 073009
COMMENTS:															
8/12/09	8/11/09	D9G300332-001 **LHA07-1-AE**D	DR	11	P2	SOLID	**29.47g** 2.00mL	NA	NA	NA	1:1	300.0	HEXANE	50.0	1ML GSV0883 072809 1ML GSV0893 073009
COMMENTS:															
8/12/09	8/11/09	D9G300332-002 **LHA08-1-AA**	DR	11	P2	SOLID	**28.42g** 2.00mL	NA	NA	NA	1:1	300.0	HEXANE	50.0	1ML GSV0893 073009
COMMENTS:															
8/12/09	8/12/09	D9G310187-001 **LHC04-1-AA**	DR	11	P2	SOLID	**29.15g** 2.00mL	NA	NA	NA	1:1	300.0	HEXANE	50.0	1ML GSV0893 073009
COMMENTS:															
8/12/09	8/12/09	D9G310187-002 **LHC1K-1-AA**	DR	11	P2	SOLID	**28.90g** 2.00mL	NA	NA	NA	1:1	300.0	HEXANE	50.0	1ML GSV0893 073009
COMMENTS:															
8/12/09	0/00/00	D9H030000-329 **LHFXQ-1-AA**B		11	P2	SOLID	**29.43g** 2.00mL	NA	NA	NA	1:1	300.0	HEXANE	50.0	1ML GSV0893 073009
COMMENTS:															

RQC058

TestAmerica Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 8/05/09
Time: 20:40:52

QC BATCH: 9215329

PREP DATE: 8/03/09 17:00
COMP DATE: 8/05/09 20:45

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
8/12/09	0/00/00	D9H030000-329 **LHFXQ-1-ACC**		11	P2	SOLID	**28.57g** 2.00mL	NA	NA	NA	1:1	300.0	HEXANE	50.0	1ML GSV0883 072809 1ML GSV0893 073009

COMMENTS:

DV-OP-0010/7 BAL:J61947 NA2SO4:H09600 SAND:XV0975 1:1-H24E28 S/S:CRC-A W:KH
ON 8/3@1700 TURBO VAP B& C 40C HEXANE H11E04 PIP OP-P1 @2

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

NUMBER OF WORK ORDERS IN BATCH: 8

Table of Contents

GC SEMIVOLATILE INSTRUMENT LOG SHEETS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Sequence: C:\HPCHEM\2\SEQUENCE\D080809.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	8141 CCV GSV861				
4	Vial 4	LG34C1AA,MB				
5	Vial 5	LGW541AA,293-1				
6	Vial 6	LGW551AA,293-2				
7	Vial 7	LGW561AA,293-3				
8	Vial 8	LGW571AA,293-4				
9	Vial 9	LG8TE1AA,MB				
10	Vial 10	LGW581AA,293-5				
11	Vial 11	LGW591AA,293-6				
12	Vial 12	LGW6A1AA,293-7				
13	Vial 13	LGW6C1AA,293-8				
14	Vial 14	8141 CCV GSV861				
15	Vial 15	LHF291AA,MB				
16	Vial 16	LHF291AC,LCS				
17	Vial 17	LHF291AD,LCSD				
18	Vial 18	LG7QW1AA,166-1				
19	Vial 19	LHCVW1AA,166-2				
20	Vial 20	LHCX51AA,185-1				
21	Vial 21	LHF3A1AA,MB				
22	Vial 22	LHF3A1AC,LCS				
23	Vial 23	LHF3A1AD,LCSD				
24	Vial 24	LHC3A1AA,193-1				
25	Vial 25	LHC3E1AA,193-2				
26	Vial 26	LHC3G1AA,193-3				
27	Vial 27	LHC3J1AA,193-4				
28	Vial 28	LHC3M1AA,193-5				
29	Vial 29	LHC3P1AA,193-6				
30	Vial 30	LHC3Q1AA,193-7				
31	Vial 31	8141 CCV GSV861				
32	Vial 32	LHKE31AA,MB				
33	Vial 33	LHK3E1AC,LCS				
34	Vial 34	LHK3E1AD,LCSD				
35	Vial 35	LHHN71AA,268-1				
36	Vial 36	LHHN81AA,268-2				
37	Vial 37	LHHN91AA,268-3				
38	Vial 38	LHHPA1AA,268-4				
39	Vial 39	LHHPC1AA,268-5				
40	Vial 40	LHHPD1AA,268-6				
41	Vial 41	LHHPE1AA,268-7				
42	Vial 42	LHHPF1AA,268-8				
43	Vial 43	LHK3A1AA,MB				
44	Vial 44	LHK3A1AC,LCS				
45	Vial 45	LHK3A1AD,LCSD				
46	Vial 46	LHG7R1AA,197-1				
47	Vial 47	LHJ511AA,234-1				
48	Vial 48	8141 CCV GSV861				
49	Vial 49	LHFXQ1AA,MB				
50	Vial 50	LHFXQ1AC,LCS				
51	Vial 51	LHA071AA,332-1				
52	Vial 52	LHA071AD,332-1S				
53	Vial 53	LHA071AE,332-1D				
54	Vial 54	LHA081AA,332-2				
55	Vial 55	LHC041AA,187-1				
56	Vial 56	LHC1K1AA,187-2				
57	Vial 57	8141 CCV GSV861				
58	Vial 58	8141 L1 GSV862				
59	Vial 59	LG2M71AA,MB				

Sequence: C:\HPCHEM\2\SEQUENCE\D080809.S

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
60	Vial 60	LG2M71AC,LCS				
61	Vial 61	LGQ171AQ,204-2				
62	Vial 62	LGQ171D0,204-2S				
63	Vial 63	LGQ171D1,204-2D				
64	Vial 64	LGQ2E1AQ,204-7				
65	Vial 65	LGQ2F1AQ,204-8				
66	Vial 66	LGQ2G1AQ,204-9				
67	Vial 67	LGQ2H1AQ,204-10				
68	Vial 68	LGQ2J1AQ,204-11				
69	Vial 69	8141 CCV GSV861				
70	Vial 70	LGQ2K1AQ,204-12				
71	Vial 71	LGQ2L1AQ,204-13				
72	Vial 72	LGQ2M1AQ,204-14				
73	Vial 73	LGQ2N1AQ,204-15				
74	Vial 74	LGT191AT,319-17				
75	Vial 75	LGT2A1A5,319-18				
76	Vial 76	LGT2C1A5,319-19				
77	Vial 77	LGT2D1AG,319-20				
78	Vial 78	LGT2F1AG,319-22				
79	Vial 79	8141 CCV GSV861				
80	Vial 80	8141 L1 GSV862				
81	Vial 2	HEXANE/ACETONE				

205387

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_D.i\0808091.B/048F4801.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 048F4801.D
Analysis Type: NONE

Injection Date: 09-AUG-2009 20:00
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1 o,o,o-TEPT	2.5000	2.3366	6.5	15.0	
2 Dichlorvos	2.5000	2.7926	11.7	15.0	
3 Mevinphos	2.5000	2.8105	12.4	15.0	
4 Chlormefos	2.5000	2.1455	14.2	15.0	
5 Thionazin	2.5000	2.4577	1.7	15.0	
6 Demeton-O	0.8125	0.7711	5.1	15.0	
7 Ethoprop	2.5000	2.3853	4.6	15.0	
8 Naled	2.5000	1.8917	24.3	15.0	<-
9 Sulfotepp	2.5000	2.3936	4.3	15.0	
10 Phorate	2.5000	2.3231	7.1	15.0	
11 Dimethoate	2.5000	2.4617	1.5	15.0	
12 Demeton-S	1.7000	1.6981	0.1	15.0	
13 Simazine	2.5000	2.3610	5.6	15.0	
14 Atrazine	2.5000	2.3957	4.2	15.0	
15 propazine	2.5000	2.4797	0.8	15.0	
17 Disulfoton	2.5000	2.3369	6.5	15.0	
16 Diazinon	2.5000	2.4742	1.0	15.0	
18 Methyl Parathion	2.5000	2.4393	2.4	15.0	
19 Ronnel	2.5000	2.3569	5.7	15.0	
20 Malathion	2.5000	2.3811	4.8	15.0	
21 Fenthion	2.5000	2.3570	5.7	15.0	
22 Parathion	2.5000	2.3366	6.5	15.0	
23 Chlorpyrifos	2.5000	2.2921	8.3	15.0	
24 Trichloronate	2.5000	2.2284	10.9	15.0	
25 Anilazine	2.5000	1.3600	45.6	15.0	<-
148 Merphos-A (Merphos)	2.5000	1.0816	56.7	999.0	
26 Tetrachlorvinphos (Stirophos)	2.5000	2.1967	12.1	15.0	
28 Tokuthion	2.5000	2.2720	9.1	15.0	
149 Merphos-B (Merphos Oxone)	2.5000	10.0910	303.6	999.0	
29 Carbophenothion-methyl	2.5000	2.3476	6.1	15.0	
29 Fensulfothion	2.5000	2.4620	1.5	15.0	
30 Bolstar / Famphur	5.0000	4.6721	6.6	15.0	
32 Carbophenothion	2.5000	2.3723	5.1	15.0	
31 Triphenyl phosphate	2.5000	2.4591	1.6	15.0	
34 Phosmet	2.5000	2.2985	8.1	15.0	
32 EPN	2.5000	2.3327	6.7	15.0	
33 Azinphos-methyl	2.5000	2.3458	6.2	15.0	
38 Azinphos-ethyl	2.5000	2.3038	7.8	15.0	
36 Coumaphos	2.5000	2.2047	11.8	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B/048F4801.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 048F4801.D
Analysis Type: NONE

Injection Date: 09-AUG-2009 20:00
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
40 Total Demeton	2.5000	2.4692	1.2	15.0
27 Merphos	2.5000	2.3333	6.7	15.0

Average %D = 15.9

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\048F4801.D
Lab Smp Id: 8141 CCV GSV861 Client Smp ID: 8141 CCV GSV861
Inj Date : 09-AUG-2009 20:00
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 CCV GSV861
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Meth Date : 10-Aug-2009 13:51 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 Cal File: 009F0901.D
Als bottle: 48 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	4.280	4.267	(0.312)	1844066	2.50000	2.337(M)
	2 Dichlorvos	5.869	5.865	(0.428)	982521	2.50000	2.793
	3 Mevinphos	9.406	9.407	(0.686)	472488	2.50000	2.810
$	4 Chlormefos	9.515	9.502	(0.694)	1382633	2.50000	2.145
	5 Thionazin	12.631	12.625	(0.921)	1188408	2.50000	2.458
	6 Demeton-O	12.887	12.876	(0.939)	305818	0.81250	0.7711
	7 Ethoprop	13.208	13.205	(0.963)	1035510	2.50000	2.385
	8 Naled	13.485	13.482	(0.983)	299016	2.50000	1.892
*	9 Tributylphosphate	13.718	13.714	(1.000)	836019	2.00000	
	10 Sulfotepp	14.154	14.143	(1.032)	1566684	2.50000	2.394
	11 Phorate	14.237	14.227	(1.038)	1001240	2.50000	2.323
	12 Dimethoate	14.410	14.416	(1.050)	972237	2.50000	2.462
	13 Demeton-S	14.684	14.682	(1.070)	605079	1.70000	1.698
	14 Simazine	14.786	14.783	(1.078)	339710	2.50000	2.361
	15 Atrazine	15.003	14.997	(1.094)	449977	2.50000	2.396
	16 propazine	15.186	15.178	(1.107)	456914	2.50000	2.480
	17 Disulfoton	15.874	15.866	(0.586)	913689	2.50000	2.337
	18 Diazinon	15.941	15.934	(0.589)	1033260	2.50000	2.474
	19 Methyl Parathion	16.843	16.829	(0.622)	742581	2.50000	2.439
	20 Ronnel	17.467	17.456	(0.645)	751232	2.50000	2.357
	21 Malathion	18.144	18.134	(0.670)	662142	2.50000	2.381
	22 Fenthion	18.296	18.284	(0.676)	767309	2.50000	2.357
	23 Parathion	18.403	18.392	(0.680)	765118	2.50000	2.337
	24 Chlorpyrifos	18.461	18.451	(0.682)	891732	2.50000	2.292
	25 Trichloronate	18.970	18.958	(0.701)	883058	2.50000	2.228
	26 Anilazine	19.369	19.345	(0.715)	34354	2.50000	1.360
	27 Merphos-A (Merphos)	19.812	19.804	(0.732)	266759	2.50000	1.082
	28 Tetrachlorvinphos (Stirophos)	20.539	20.532	(0.758)	483880	2.50000	2.197
	29 Tokuthion	21.292	21.278	(0.786)	856302	2.50000	2.272
	30 Merphos-B (Merphos Oxone)	21.547	21.536	(0.796)	589354	2.50000	10.09(A)
	31 Carbophenothion-methyl	22.271	22.254	(0.822)	610084	2.50000	2.348
	32 Fensulfothion	22.480	22.465	(0.830)	578608	2.50000	2.462
	33 Bolstar / Famphur	23.641	23.627	(0.873)	1515983	5.00000	4.672

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	23.969	23.947	(0.885)	723410	2.50000	2.372
$	35 Triphenyl phosphate	25.286	25.270	(0.934)	596126	2.50000	2.459(A)
	36 Phosmet	25.786	25.769	(0.952)	567789	2.50000	2.298
	37 EPN	26.109	26.097	(0.964)	731808	2.50000	2.333
	38 Azinphos-methyl	26.598	26.584	(0.982)	546280	2.50000	2.346
*	39 TOCP	27.081	27.076	(1.000)	555487	2.00000	
	40 Azinphos-ethyl	27.179	27.172	(1.004)	665056	2.50000	2.304
	41 Coumaphos	27.705	27.694	(1.023)	527387	2.50000	2.205
M	42 Total Demeton				910897	2.50000	2.469
M	43 Merphos				856113	2.50000	2.333

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

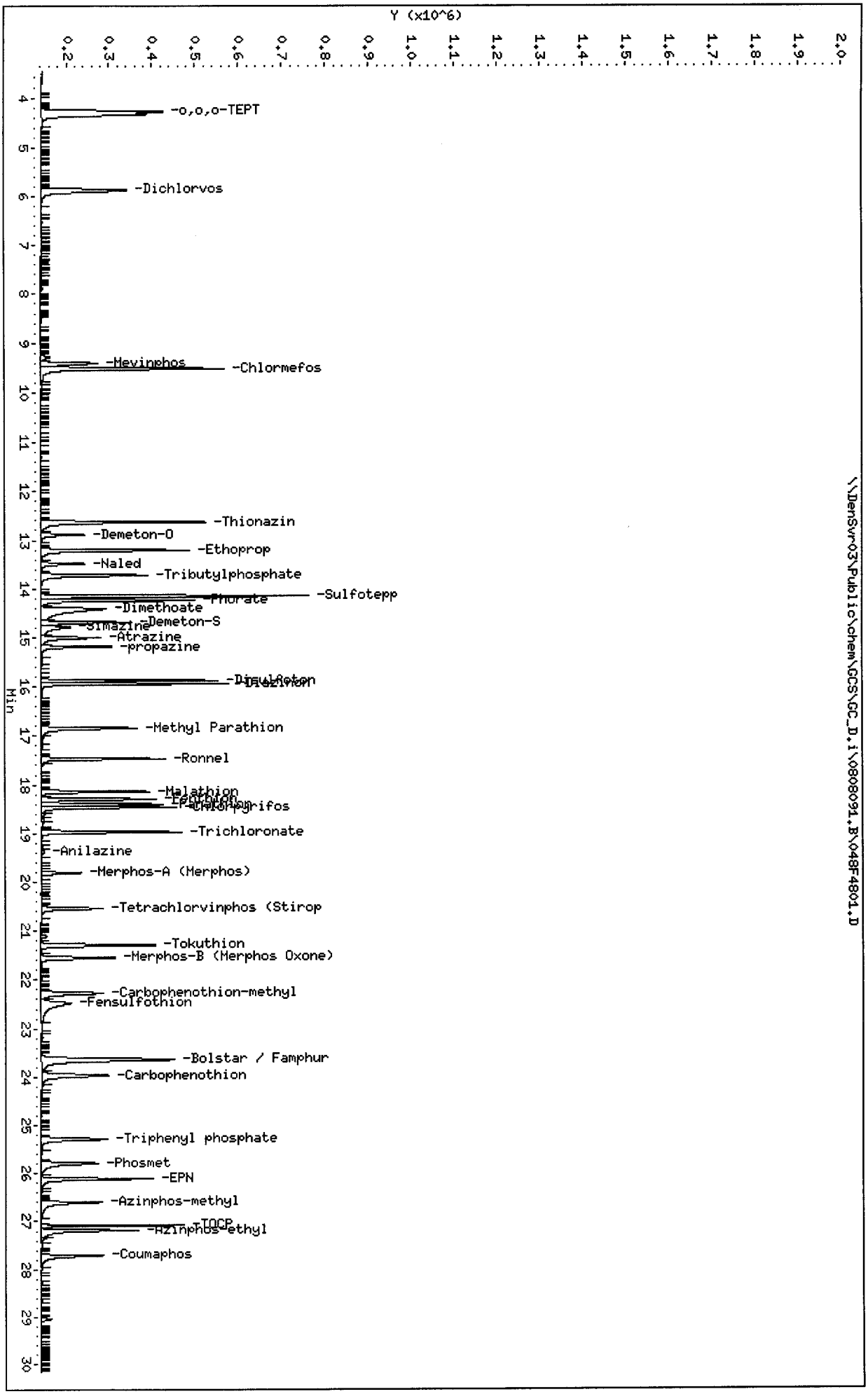
Instrument ID: GC_D.i
Lab File ID: 048F4801.D
Lab Smp Id: 8141 CCV GSV861
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Misc Info:

Calibration Date: 09-AUG-2009
Calibration Time: 09:41
Client Smp ID: 8141 CCV GSV861
Level:
Sample Type:

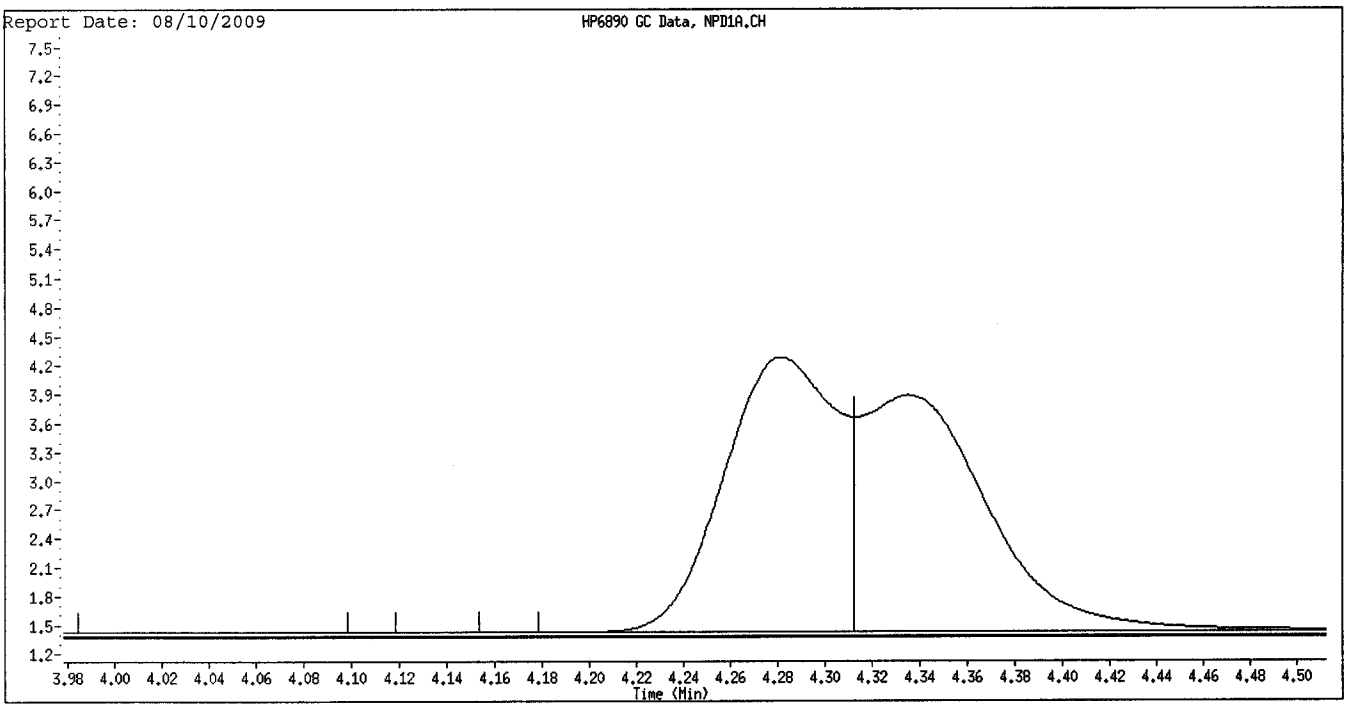
		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	715675	357838	1431350	836019	16.82
39 TOCP	472782	236391	945564	555487	17.49

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.72	13.22	14.22	13.72	-0.02
39 TOCP	27.08	26.58	27.58	27.08	-0.00

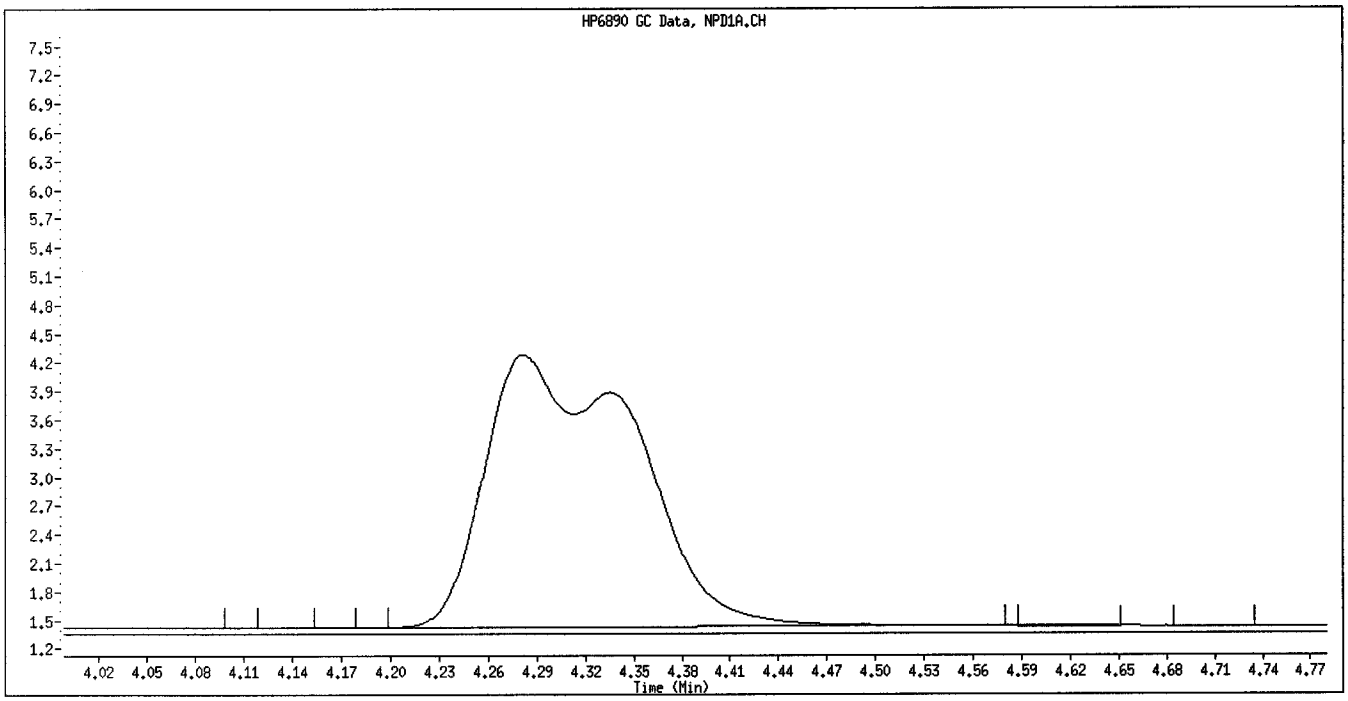
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\048F4801.D
Date : 09-AUG-2009 20:00
Client ID: 8141 CCV GSV861
Sample Info: 8141 CCV GSV861
Column phase: RTx-1MS
Instrument: GC_D.i
Operator: MPK/TLW
Column diameter: 0.32
\\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\048F4801.D
Y (x10^6)
Min
-o,o,o-TEPT
-Dichlorvos
-Mevinphos
-Chlormefos
-Thionazin
-Demeton-O
-Ethoprop
-Naled
-Tributylphosphate
-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
-TOCP
-Coumaphos

Data File Name: 048F4801.D
Inj. Date and Time: 09-AUG-2009 20:00
Instrument ID: GC_D.i
Client ID: 8141 CCV GSV861
Compound Name: o,o,o-TEPT
CAS #:



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

yl 8/10/09

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B/048F4801.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 048F4801.D
Analysis Type: NONE

Injection Date: 09-AUG-2009 20:00
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.3083	7.7	15.0	
2	Dichlorvos	2.5000	3.1206	24.8	15.0	<-
3	Chlormefos	2.5000	2.3838	4.6	15.0	
4	Mevinphos	2.5000	2.8646	14.6	15.0	
5	Demeton-O	0.8125	0.8017	1.3	15.0	
6	Thionazin	2.5000	2.5263	1.1	15.0	
7	Ethoprop	2.5000	2.5050	0.2	15.0	
10	Naled	2.5000	2.1149	15.4	15.0	<-
145	Sulfotepp	2.5000	2.3218	7.1	15.0	
8	Phorate	2.5000	2.3044	7.8	15.0	
15	Demeton-S	1.7000	1.6959	0.2	15.0	
10	Simazine	2.5000	2.2676	9.3	15.0	
13	Atrazine / Propazine	5.0000	4.7470	5.1	15.0	
16	Dimethoate	2.5000	2.6299	5.2	15.0	
11	Diazinon	2.5000	2.3437	6.3	15.0	
14	Disulfoton	2.5000	2.2859	8.6	15.0	
23	Methyl Parathion	2.5000	2.6211	4.8	15.0	
17	Ronnel	2.5000	2.3959	4.2	15.0	
24	Malathion	2.5000	2.3378	6.5	15.0	
18	Chlorpyrifos	2.5000	2.3965	4.1	15.0	
20	Trichloronate	2.5000	2.1863	12.5	15.0	
26	Parathion	2.5000	2.3639	5.4	15.0	
19	Fenthion	2.5000	2.4501	2.0	15.0	
151	Merphos-A (Merphos)	2.5000	1.0763	56.9	999.0	
21	Anilazine	2.5000	0.8307	66.8	15.0	<-
27	Tetrachlorvinphos (stirophos)	2.5000	2.2724	9.1	15.0	
25	Tokuthion	2.5000	2.2652	9.4	15.0	
148	Merphos-B (Merphos oxone)	2.5000	11.2942	351.8	999.0	
28	Carbophenothion methyl	2.5000	2.5115	0.5	15.0	
30	Fensulfothion	2.5000	2.3747	5.0	15.0	
28	Bolstar	2.5000	2.2463	10.1	15.0	
30	Carbophenothion	2.5000	2.3237	7.1	15.0	
33	Famphur	2.5000	2.5782	3.1	15.0	
29	Triphenyl phosphate	2.5000	2.4132	3.5	15.0	
32	EPN	2.5000	2.3664	5.3	15.0	
34	Phosmet	2.5000	2.3119	7.5	15.0	
34	Azinphos-methyl	2.5000	2.3745	5.0	15.0	
35	Azinphos-ethyl	2.5000	2.4542	1.8	15.0	
36	Coumaphos	2.5000	2.2102	11.6	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B/048F4801.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 048F4801.D
Analysis Type: NONE

Injection Date: 09-AUG-2009 20:00
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
40 Total Demeton	2.5000	2.4977	0.1	15.0
22 Merphos	2.5000	2.4525	1.9	15.0

Average %D = 17.4

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\048F4801.D
Lab Smp Id: 8141 CCV GSV861 Client Smp ID: 8141 CCV GSV861
Inj Date : 09-AUG-2009 20:00
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 CCV GSV861
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Meth Date : 10-Aug-2009 13:57 williamst Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 Cal File: 009F0901.D
Als bottle: 48 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	6.779	6.758	(0.418)	2031389	2.50000	2.308
2	Dichlorvos	8.965	8.952	(0.553)	1224135	2.50000	3.120
$ 3	Chlormefos	12.896	12.885	(0.796)	1388626	2.50000	2.384
4	Mevinphos	13.014	13.006	(0.803)	693817	2.50000	2.865
5	Demeton-O	15.947	15.939	(0.984)	288693	0.81250	0.8017
6	Thionazin	16.075	16.067	(0.992)	1347804	2.50000	2.526
* 7	Tributylphosphate	16.203	16.193	(1.000)	941095	2.00000	
8	Ethoprop	16.342	16.332	(1.009)	1179632	2.50000	2.505
9	Naled	16.929	16.921	(1.045)	361228	2.50000	2.115
10	Sulfotepp	17.242	17.234	(1.064)	1825339	2.50000	2.322
11	Phorate	17.279	17.268	(1.066)	916348	2.50000	2.304
12	Demeton-S	17.972	17.962	(1.109)	612831	1.70000	1.696
13	Simazine	18.378	18.368	(1.134)	235631	2.50000	2.268
14	Atrazine / Propazine	18.443	18.434	(1.138)	1025328	5.00000	4.747
15	Dimethoate	18.579	18.569	(1.147)	1213873	2.50000	2.630
16	Diazinon	18.977	18.967	(1.171)	1093243	2.50000	2.344
17	Disulfoton	19.240	19.231	(1.187)	1076999	2.50000	2.286
18	Methyl Parathion	21.143	21.132	(0.736)	863303	2.50000	2.621(A)
19	Ronnel	21.232	21.222	(0.740)	943200	2.50000	2.396
20	Malathion	22.504	22.492	(0.784)	741572	2.50000	2.338
21	Chlorpyrifos	22.658	22.644	(0.789)	883285	2.50000	2.396
22	Trichloronate	22.834	22.819	(0.795)	998443	2.50000	2.186
23	Parathion	22.879	22.866	(0.797)	956382	2.50000	2.364
24	Fenthion	22.954	22.942	(0.800)	986732	2.50000	2.450
25	Merphos-A (Merphos)	23.485	23.472	(0.818)	283430	2.50000	1.076
26	Anilazine	24.470	24.451	(0.852)	22002	2.50000	0.8307
27	Tetrachlorvinphos (stirophos)	25.876	25.869	(0.901)	592117	2.50000	2.272
28	Tokuthion	26.050	26.043	(0.907)	976463	2.50000	2.265
29	Merphos-B (Merphos oxone)	26.182	26.176	(0.912)	698615	2.50000	11.29(A)
30	Carbophenothion methyl	27.004	26.999	(0.941)	756864	2.50000	2.512
31	Fensulfothion	27.242	27.237	(0.949)	622777	2.50000	2.375
32	Bolstar	27.350	27.347	(0.953)	926919	2.50000	2.246
33	Carbophenothion	27.463	27.460	(0.957)	801430	2.50000	2.324

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Famphur	27.648	27.644	(0.963)	812540	2.50000	2.578
$	35 Triphenyl phosphate	27.937	27.932	(0.973)	711749	2.50000	2.413
	36 EPN	28.242	28.240	(0.984)	800476	2.50000	2.366
	37 Phosmet	28.369	28.366	(0.988)	640656	2.50000	2.312
*	38 TOCP	28.708	28.705	(1.000)	681586	2.00000	
	39 Azinphos-methyl	28.820	28.816	(1.004)	550457	2.50000	2.374
	40 Azinphos-ethyl	29.133	29.127	(1.015)	606771	2.50000	2.454
	41 Coumaphos	29.460	29.453	(1.026)	491471	2.50000	2.210
M	42 Total Demeton				901524	2.50000	2.498
M	43 Merphos				982045	2.50000	2.452(A)

QC Flag Legend

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

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

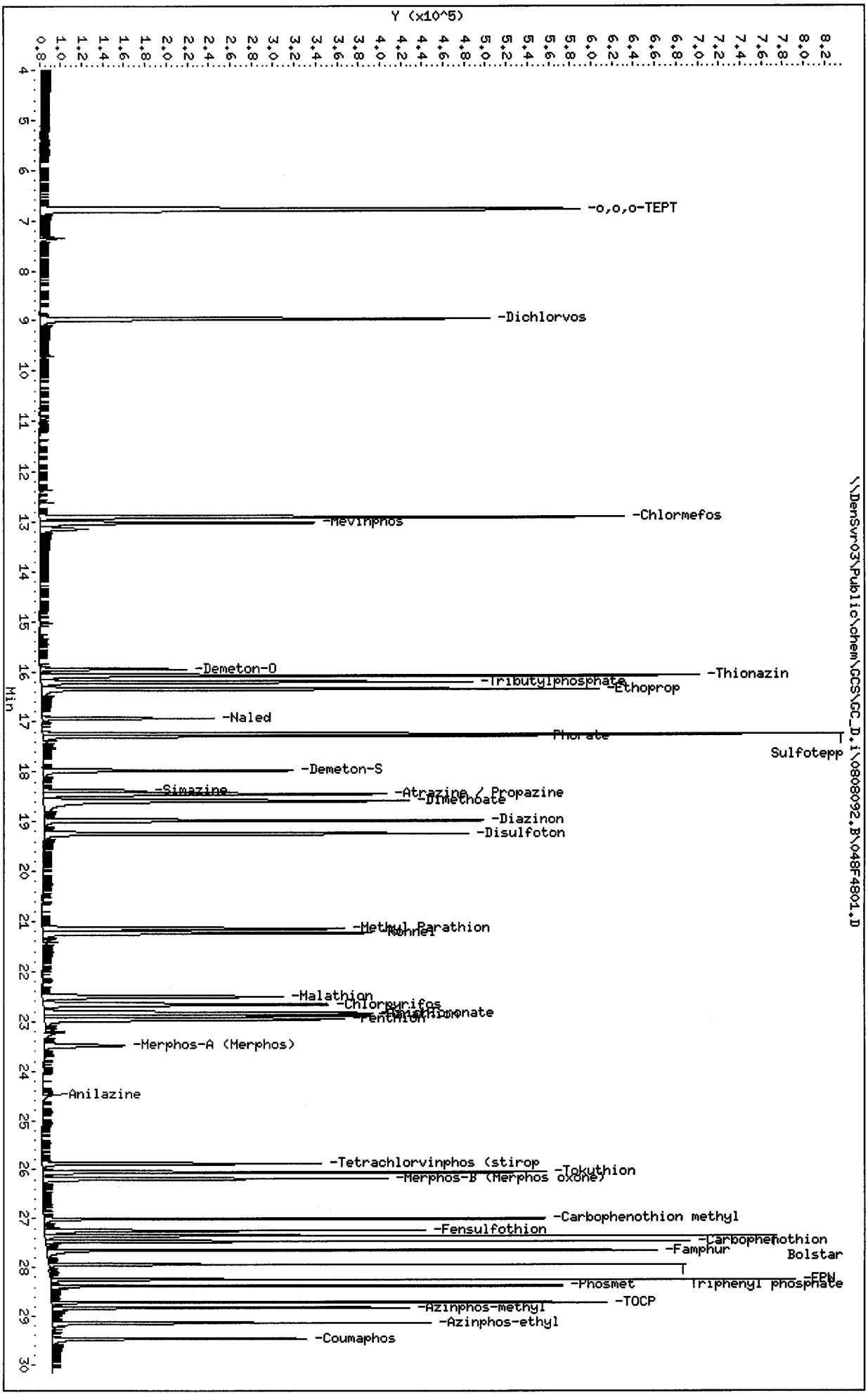
Instrument ID: GC_D.i
Lab File ID: 048F4801.D
Lab Smp Id: 8141 CCV GSV861
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Misc Info:

Calibration Date: 09-AUG-2009
Calibration Time: 09:41
Client Smp ID: 8141 CCV GSV861
Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
7 Tributylphosphate	869227	434614	1738454	941095	8.27
38 TOCP	630081	315041	1260162	681586	8.17

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.21	15.71	16.71	16.20	-0.03
38 TOCP	28.71	28.21	29.21	28.71	-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_D,i\0808092,B\048F4801.D
Date : 09-AUG-2009 20:00
Client ID: 8141 CCV GSV861
Sample Info: 8141 CCV GSV861
Column phase: RTx-DPPest

Instrument: GC_D,i
Operator: MPK/TLW
Column diameter: 0.32

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B/057F5701.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 057F5701.D
Analysis Type: NONE

Injection Date: 10-AUG-2009 01:28
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.2647	9.4	15.0	
2	Dichlorvos	2.5000	2.8150	12.6	15.0	
3	Mevinphos	2.5000	2.9233	16.9	15.0	<-
4	Chlormefos	2.5000	2.1616	13.5	15.0	
5	Thionazin	2.5000	2.4229	3.1	15.0	
6	Demeton-O	0.8125	0.7953	2.1	15.0	
7	Ethoprop	2.5000	2.3823	4.7	15.0	
8	Naled	2.5000	2.0677	17.3	15.0	<-
9	Sulfotepp	2.5000	2.3718	5.1	15.0	
10	Phorate	2.5000	2.3256	7.0	15.0	
11	Dimethoate	2.5000	2.5149	0.6	15.0	
12	Demeton-S	1.7000	1.6930	0.4	15.0	
13	Simazine	2.5000	2.1523	13.9	15.0	
14	Atrazine	2.5000	2.2724	9.1	15.0	
15	propazine	2.5000	2.3218	7.1	15.0	
17	Disulfoton	2.5000	2.2767	8.9	15.0	
16	Diazinon	2.5000	2.3177	7.3	15.0	
18	Methyl Parathion	2.5000	2.3659	5.4	15.0	
19	Ronnel	2.5000	2.4463	2.1	15.0	
20	Malathion	2.5000	2.3558	5.8	15.0	
21	Fenthion	2.5000	2.3417	6.3	15.0	
22	Parathion	2.5000	2.3651	5.4	15.0	
23	Chlorpyrifos	2.5000	2.3504	6.0	15.0	
24	Trichloronate	2.5000	2.3524	5.9	15.0	
25	Anilazine	2.5000	1.5402	38.4	15.0	<-
148	Merphos-A (Merphos)	2.5000	1.9808	20.8	999.0	
26	Tetrachlorvinphos (Stirophos)	2.5000	2.3408	6.4	15.0	
28	Tokuthion	2.5000	2.3391	6.4	15.0	
149	Merphos-B (Merphos Oxone)	2.5000	4.1689	66.8	999.0	
29	Carbophenothion-methyl	2.5000	2.4075	3.7	15.0	
29	Fensulfothion	2.5000	2.6161	4.6	15.0	
30	Bolstar / Famphur	5.0000	4.6347	7.3	15.0	
32	Carbophenothion	2.5000	2.4244	3.0	15.0	
31	Triphenyl phosphate	2.5000	2.4644	1.4	15.0	
34	Phosmet	2.5000	2.3545	5.8	15.0	
32	EPN	2.5000	2.3328	6.7	15.0	
33	Azinphos-methyl	2.5000	2.4994	0.0	15.0	
38	Azinphos-ethyl	2.5000	2.3487	6.1	15.0	
36	Coumaphos	2.5000	2.3628	5.5	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B/057F5701.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 057F5701.D
Analysis Type: NONE

Injection Date: 10-AUG-2009 01:28
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
40 Total Demeton	2.5000	2.4883	0.5	15.0
27 Merphos	2.5000	2.3799	4.8	15.0

Average %D = 8.88

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\057F5701.D
Lab Smp Id: 8141 CCV GSV861 Client Smp ID: 8141 CCV GSV861
Inj Date : 10-AUG-2009 01:28
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 CCV GSV861
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Meth Date : 10-Aug-2009 13:51 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 Cal File: 009F0901.D
Als bottle: 57 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	4.279	4.267	(0.312)	1343923	2.50000	2.265 (M)
	2 Dichlorvos	5.863	5.865	(0.428)	742211	2.50000	2.815
	3 Mevinphos	9.400	9.407	(0.686)	370672	2.50000	2.923
$	4 Chlormefos	9.514	9.502	(0.694)	1043925	2.50000	2.162
	5 Thionazin	12.629	12.625	(0.921)	877676	2.50000	2.423
	6 Demeton-O	12.885	12.876	(0.940)	236200	0.81250	0.7953
	7 Ethoprop	13.204	13.205	(0.963)	774989	2.50000	2.382
	8 Naled	13.482	13.482	(0.983)	247565	2.50000	2.068
*	9 Tributylphosphate	13.711	13.714	(1.000)	626523	2.00000	
	10 Sulfotepp	14.151	14.143	(1.032)	1163387	2.50000	2.372
	11 Phorate	14.234	14.227	(1.038)	751122	2.50000	2.326
	12 Dimethoate	14.401	14.416	(1.050)	746994	2.50000	2.515
	13 Demeton-S	14.681	14.682	(1.071)	452067	1.70000	1.693
	14 Simazine	14.783	14.783	(1.078)	234100	2.50000	2.152
	15 Atrazine	14.999	14.997	(1.094)	318345	2.50000	2.272
	16 propazine	15.184	15.178	(1.107)	320603	2.50000	2.322
	17 Disulfoton	15.871	15.866	(0.586)	693993	2.50000	2.277
	18 Diazinon	15.938	15.934	(0.589)	757464	2.50000	2.318
	19 Methyl Parathion	16.838	16.829	(0.622)	561540	2.50000	2.366
	20 Ronnel	17.465	17.456	(0.645)	608495	2.50000	2.446
	21 Malathion	18.139	18.134	(0.670)	511244	2.50000	2.356
	22 Fenthion	18.292	18.284	(0.675)	594810	2.50000	2.342
	23 Parathion	18.399	18.392	(0.679)	604976	2.50000	2.365
	24 Chlorpyrifos	18.459	18.451	(0.682)	712068	2.50000	2.350
	25 Trichloronate	18.967	18.958	(0.700)	727458	2.50000	2.352
	26 Anilazine	19.362	19.345	(0.715)	31857	2.50000	1.540
	27 Merphos-A (Merphos)	19.810	19.804	(0.732)	399622	2.50000	1.981
	28 Tetrachlorvinphos (Stirophos)	20.535	20.532	(0.758)	403447	2.50000	2.341
	29 Tokuthion	21.288	21.278	(0.786)	687977	2.50000	2.339
	30 Merphos-B (Merphos Oxone)	21.543	21.536	(0.796)	281800	2.50000	4.169
	31 Carbophenothion-methyl	22.268	22.254	(0.822)	488788	2.50000	2.407
	32 Fensulfothion	22.462	22.465	(0.829)	483785	2.50000	2.616
	33 Bolstar / Famphur	23.633	23.627	(0.873)	1173371	5.00000	4.635

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	23.959	23.947	(0.885)	576956	2.50000	2.424
$	35 Triphenyl phosphate	25.283	25.270	(0.934)	466218	2.50000	2.464 (A)
	36 Phosmet	25.778	25.769	(0.952)	454428	2.50000	2.354
	37 EPN	26.106	26.097	(0.964)	571121	2.50000	2.333
	38 Azinphos-methyl	26.590	26.584	(0.982)	456152	2.50000	2.499
*	39 TOCP	27.079	27.076	(1.000)	433498	2.00000	
	40 Azinphos-ethyl	27.176	27.172	(1.004)	529104	2.50000	2.349
	41 Coumaphos	27.698	27.694	(1.023)	442094	2.50000	2.363
M	42 Total Demeton				688267	2.50000	2.488
M	43 Merphos				681422	2.50000	2.380

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

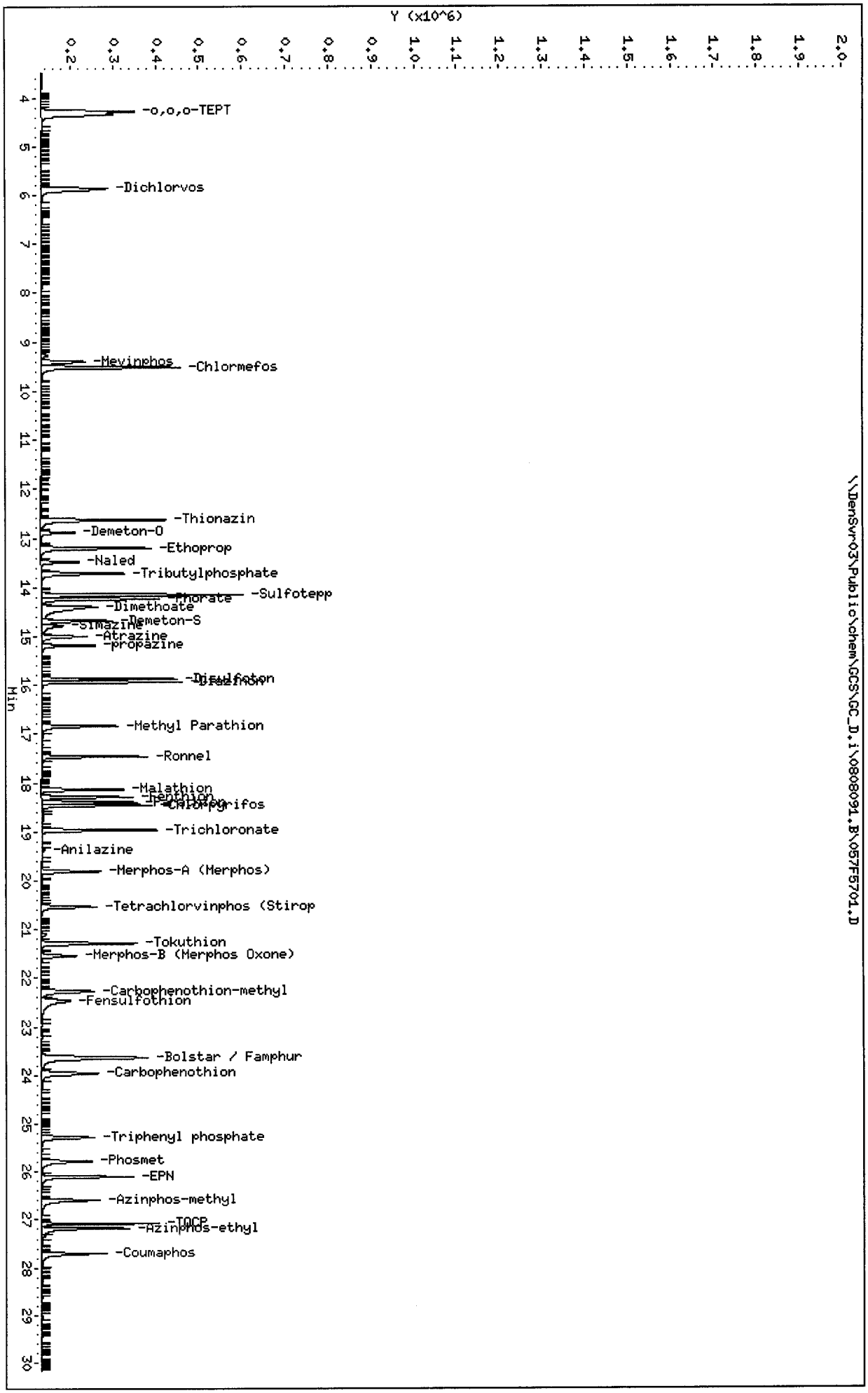
Instrument ID: GC_D.i
Lab File ID: 057F5701.D
Lab Smp Id: 8141 CCV GSV861
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Misc Info:

Calibration Date: 09-AUG-2009
Calibration Time: 20:00
Client Smp ID: 8141 CCV GSV861
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	836019	418010	1672038	626523	-25.06
39 TOCP	555487	277744	1110974	433498	-21.96

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.72	13.22	14.22	13.71	-0.05
39 TOCP	27.08	26.58	27.58	27.08	-0.01

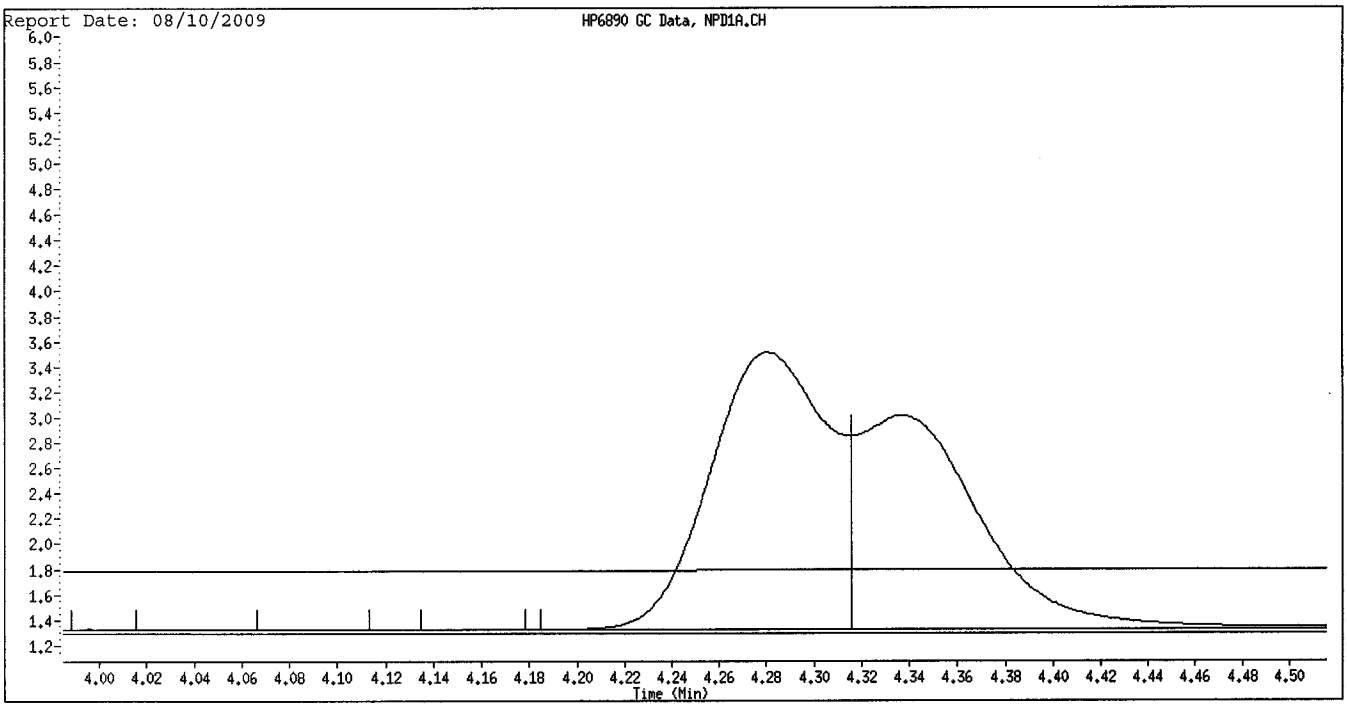
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



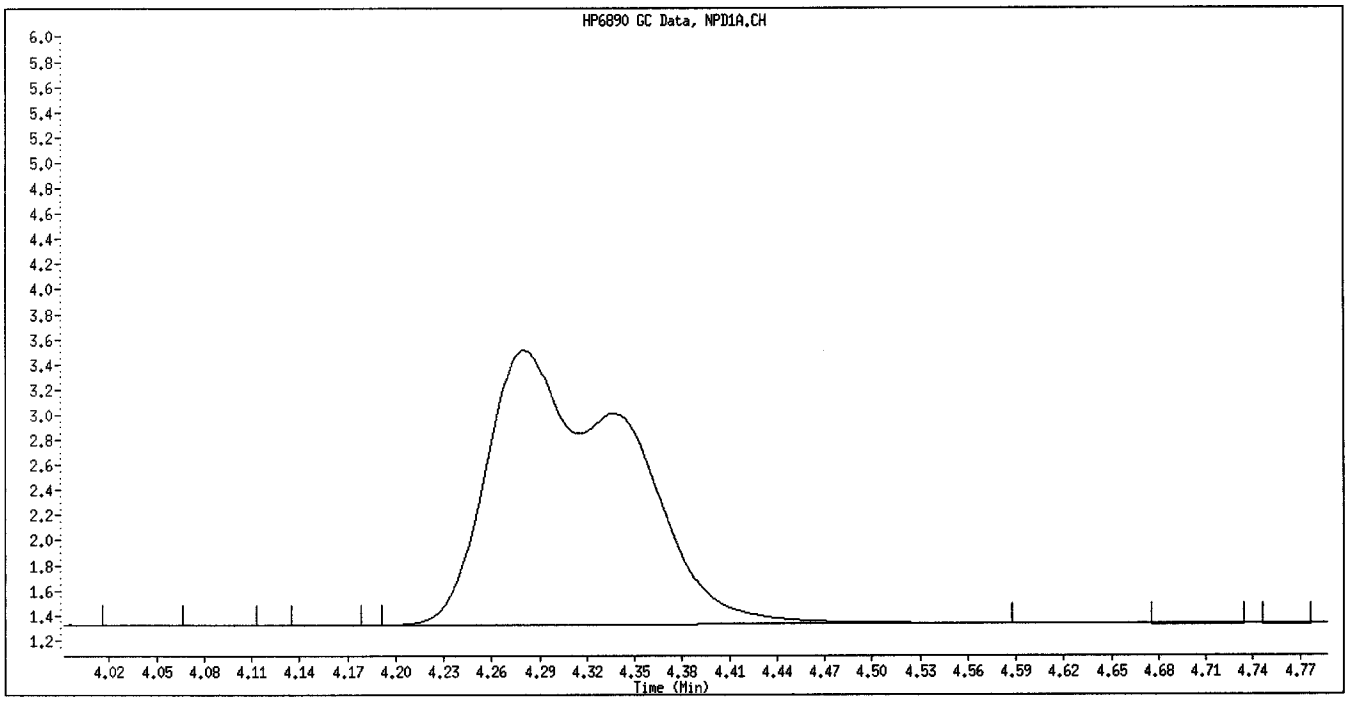
Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\057F5701.D
Date : 10-AUG-2009 01:28
Client ID: 8141 CCV GSV861
Sample Info: 8141 CCV GSV861
Column phase: RTx-1MS

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

Data File Name: 057F5701.D
Inj. Date and Time: 10-AUG-2009 01:28
Instrument ID: GC_D.i
Client ID: 8141 CCV GSV861
Compound Name: o,o,o-TEPT
CAS #:



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

8/10/09

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B/057F5701.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 057F5701.D
Analysis Type: NONE

Injection Date: 10-AUG-2009 01:28
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.5000	2.2311	10.8	15.0	
2	Dichlorvos	2.5000	3.1549	26.2	15.0	<-
3	Chlormefos	2.5000	2.4335	2.7	15.0	
4	Mevinphos	2.5000	2.8629	14.5	15.0	
5	Demeton-O	0.8125	0.8145	0.2	15.0	
6	Thionazin	2.5000	2.4738	1.0	15.0	
7	Ethoprop	2.5000	2.4985	0.1	15.0	
10	Naled	2.5000	2.2391	10.4	15.0	
145	Sulfotepp	2.5000	2.2957	8.2	15.0	
8	Phorate	2.5000	2.3464	6.1	15.0	
15	Demeton-S	1.7000	1.7606	3.6	15.0	
10	Simazine	2.5000	2.2166	11.3	15.0	
13	Atrazine / Propazine	5.0000	4.5736	8.5	15.0	
16	Dimethoate	2.5000	2.6129	4.5	15.0	
11	Diazinon	2.5000	2.2975	8.1	15.0	
14	Disulfoton	2.5000	2.3198	7.2	15.0	
23	Methyl Parathion	2.5000	2.5736	2.9	15.0	
17	Ronnel	2.5000	2.4201	3.2	15.0	
24	Malathion	2.5000	2.3035	7.9	15.0	
18	Chlorpyrifos	2.5000	2.4718	1.1	15.0	
20	Trichloronate	2.5000	2.2637	9.5	15.0	
26	Parathion	2.5000	2.3972	4.1	15.0	
19	Fenthion	2.5000	2.4649	1.4	15.0	
151	Merphos-A (Merphos)	2.5000	1.9643	21.4	999.0	
21	Anilazine	2.5000	0.6223	75.1	15.0	<-
27	Tetrachlorvinphos (stirophos)	2.5000	2.4073	3.7	15.0	
25	Tokuthion	2.5000	2.3560	5.8	15.0	
148	Merphos-B (Merphos oxone)	2.5000	5.1013	104.1	999.0	
28	Carbophenothion methyl	2.5000	2.6131	4.5	15.0	
30	Fensulfothion	2.5000	2.4895	0.4	15.0	
28	Bolstar	2.5000	2.2285	10.9	15.0	
30	Carbophenothion	2.5000	2.4255	3.0	15.0	
33	Famphur	2.5000	2.5436	1.7	15.0	
29	Triphenyl phosphate	2.5000	2.3855	4.6	15.0	
32	EPN	2.5000	2.4026	3.9	15.0	
34	Phosmet	2.5000	2.3796	4.8	15.0	
34	Azinphos-methyl	2.5000	2.5493	2.0	15.0	
35	Azinphos-ethyl	2.5000	2.5212	0.8	15.0	
36	Coumaphos	2.5000	2.3568	5.7	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B/057F5701.D
Report Date: 08/10/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 057F5701.D
Analysis Type: NONE

Injection Date: 10-AUG-2009 01:28
Lab Sample ID: 8141 CCV GSV861
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
40 Total Demeton	2.5000	2.5751	3.0	15.0
22 Merphos	2.5000	2.5056	0.2	15.0

Average %D = 9.98

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\057F5701.D
Lab Smp Id: 8141 CCV GSV861 Client Smp ID: 8141 CCV GSV861
Inj Date : 10-AUG-2009 01:28
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 CCV GSV861
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Meth Date : 10-Aug-2009 13:58 williamst Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 Cal File: 009F0901.D
Als bottle: 57 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	6.776	6.758	(0.418)	1513781	2.50000	2.231
	2 Dichlorvos	8.963	8.952	(0.553)	954167	2.50000	3.155
$	3 Chlormefos	12.895	12.885	(0.796)	1092265	2.50000	2.434
	4 Mevinphos	13.010	13.006	(0.803)	534600	2.50000	2.863
	5 Demeton-O	15.945	15.939	(0.984)	226128	0.81250	0.8145
	6 Thionazin	16.073	16.067	(0.992)	1017555	2.50000	2.474
*	7 Tributylphosphate	16.198	16.193	(1.000)	725568	2.00000	
	8 Ethoprop	16.340	16.332	(1.009)	907283	2.50000	2.498
	9 Naled	16.927	16.921	(1.045)	296788	2.50000	2.239
	10 Sulfotepp	17.240	17.234	(1.064)	1391476	2.50000	2.296
	11 Phorate	17.276	17.268	(1.067)	719372	2.50000	2.346
	12 Demeton-S	17.969	17.962	(1.109)	490506	1.70000	1.761
	13 Simazine	18.373	18.368	(1.134)	176995	2.50000	2.217
	14 Atrazine / Propazine	18.440	18.434	(1.138)	761627	5.00000	4.574
	15 Dimethoate	18.574	18.569	(1.147)	929701	2.50000	2.613
	16 Diazinon	18.973	18.967	(1.171)	826235	2.50000	2.297
	17 Disulfoton	19.238	19.231	(1.188)	842633	2.50000	2.320
	18 Methyl Parathion	21.141	21.132	(0.736)	674367	2.50000	2.574(A)
	19 Ronnel	21.230	21.222	(0.740)	758442	2.50000	2.420
	20 Malathion	22.501	22.492	(0.784)	581544	2.50000	2.304
	21 Chlorpyrifos	22.653	22.644	(0.789)	725612	2.50000	2.472
	22 Trichloronate	22.829	22.819	(0.795)	823820	2.50000	2.264
	23 Parathion	22.875	22.866	(0.797)	770932	2.50000	2.397
	24 Fenthion	22.949	22.942	(0.799)	790170	2.50000	2.465
	25 Merphos-A (Merphos)	23.484	23.472	(0.818)	436757	2.50000	1.964
	26 Anilazine	24.462	24.451	(0.852)	12324	2.50000	0.6222
	27 Tetrachlorvinphos (stirophos)	25.875	25.869	(0.901)	500340	2.50000	2.407
	28 Tokuthion	26.049	26.043	(0.907)	808488	2.50000	2.356
	29 Merphos-B (Merphos oxone)	26.180	26.176	(0.912)	361894	2.50000	5.101(A)
	30 Carbophenothion methyl	27.003	26.999	(0.941)	626861	2.50000	2.613
	31 Fensulfothion	27.238	27.237	(0.949)	520637	2.50000	2.489
	32 Bolstar	27.349	27.347	(0.953)	732003	2.50000	2.228
	33 Carbophenothion	27.463	27.460	(0.957)	665946	2.50000	2.426

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Famphur	27.647	27.644	(0.963)	638132	2.50000	2.544
$	35 Triphenyl phosphate	27.935	27.932	(0.973)	560071	2.50000	2.385
	36 EPN	28.240	28.240	(0.984)	646970	2.50000	2.402
	37 Phosmet	28.368	28.366	(0.988)	525301	2.50000	2.380
*	38 TOCP	28.706	28.705	(1.000)	542574	2.00000	
	39 Azinphos-methyl	28.818	28.816	(1.004)	471212	2.50000	2.549
	40 Azinphos-ethyl	29.130	29.127	(1.015)	496189	2.50000	2.521
	41 Coumaphos	29.457	29.453	(1.026)	417718	2.50000	2.357
M	42 Total Demeton				716634	2.50000	2.575
M	43 Merphos				798651	2.50000	2.506 (A)

QC Flag Legend

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

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

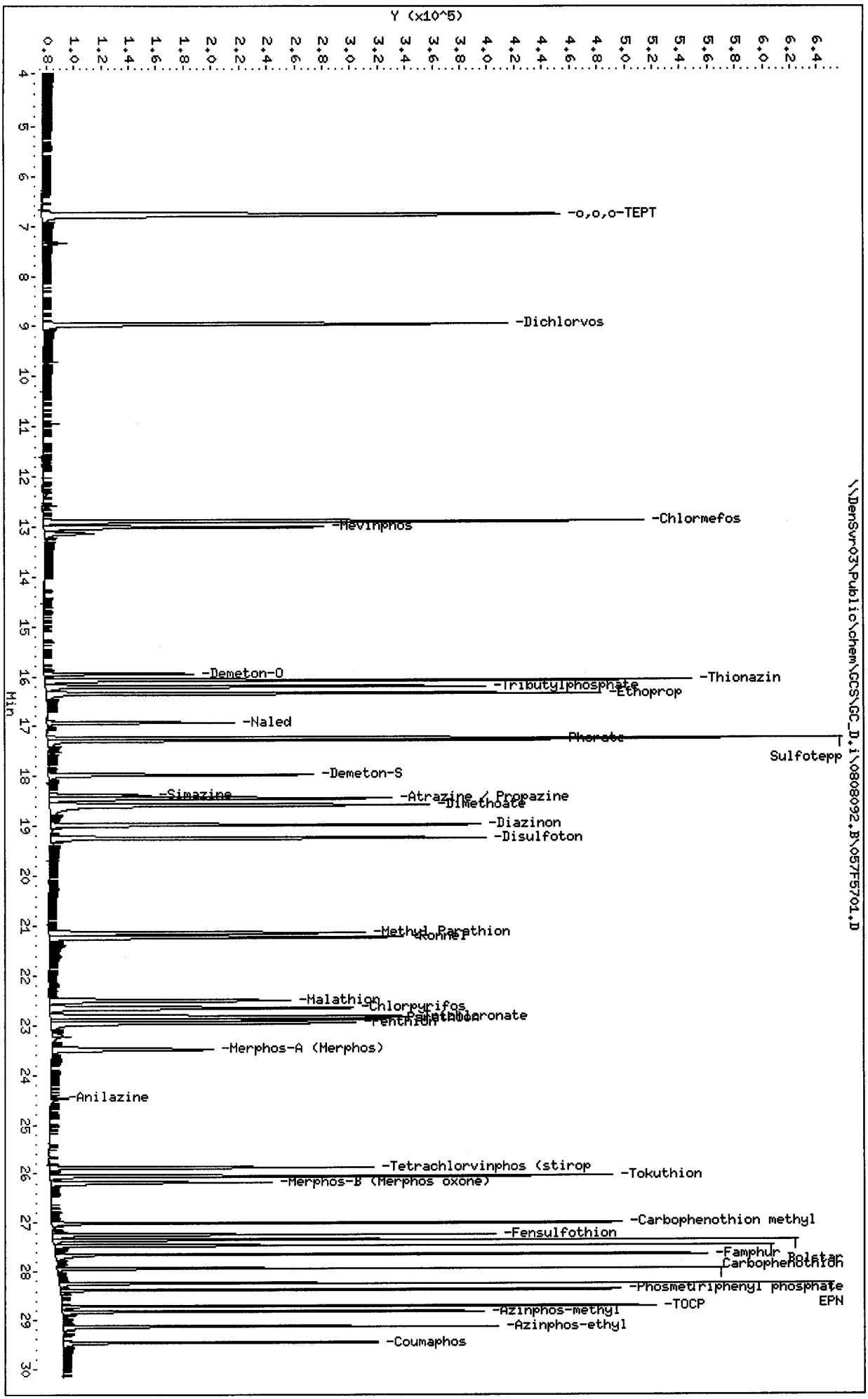
Instrument ID: GC_D.i
Lab File ID: 057F5701.D
Lab Smp Id: 8141 CCV GSV861
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Misc Info:

Calibration Date: 09-AUG-2009
Calibration Time: 20:00
Client Smp ID: 8141 CCV GSV861
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	941095	470548	1882190	725568	-22.90
38 TOCP	681586	340793	1363172	542574	-20.40

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.20	15.70	16.70	16.20	-0.03
38 TOCP	28.71	28.21	29.21	28.71	-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_D.i\0808092.B\057F5701.D
Date : 10-AUG-2009 01:28
Client ID: 8141 CCV GSV861
Sample Info: 8141 CCV GSV861
Column phase: RTx-OPPest

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

GC SEMIVOLATILE
SAMPLE DATA

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\049F4901.D
Lab Smp Id: LHFXQ1AA Client Smp ID: BLANK
Inj Date : 09-AUG-2009 20:37
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : LHFXQ1AA,MB
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Meth Date : 10-Aug-2009 13:51 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 Cal File: 009F0901.D
Als bottle: 49 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	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	Compound Not Detected.					
2	Dichlorvos	Compound Not Detected.					
3	Mevinphos	9.426	9.407	(0.686)	96	0.40228	27.84 NC
$ 4	Chlormefos	9.511	9.502	(0.692)	280848	0.47152	32.04(R)
5	Thionazin	12.642	12.625	(0.920)	629	0.06895	4.686
6	Demeton-O	Compound Not Detected.					
7	Ethoprop	13.212	13.205	(0.962)	310	0.08892	6.043 NC
8	Naled	Compound Not Detected.					
* 9	Tributylphosphate	13.738	13.714	(1.000)	772698	2.00000	
10	Sulfotepp	Compound Not Detected.					
11	Phorate	Compound Not Detected.					
12	Dimethoate	14.436	14.416	(1.051)	685	0.35494	24.12 NC
13	Demeton-S	Compound Not Detected.					
14	Simazine	14.793	14.783	(1.077)	638	0.21640	14.70
15	Atrazine	15.029	14.997	(1.094)	281	0.19372	13.16
16	propazine	Compound Not Detected.					
17	Disulfoton	15.855	15.866	(0.585)	320	0.08325	5.658
18	Diazinon	Compound Not Detected.					
19	Methyl Parathion	16.855	16.829	(0.622)	212	0.07331	4.982
20	Ronnel	Compound Not Detected.					
21	Malathion	Compound Not Detected.					
22	Fenthion	18.279	18.284	(0.675)	207	0.06037	4.103

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)	
	23 Parathion	18.399	18.392	(0.679)	106	0.18162	12.64	NAP
	24 Chlorpyrifos	Compound Not Detected.						
	25 Trichloronate	Compound Not Detected.						
	26 Anilazine	19.357	19.345	(0.715)	157	0.40718	27.67	
	27 Merphos-A (Merphos)	19.806	19.804	(0.731)	189	0.10463	7.110	
	28 Tetrachlorvinphos (Stirophos)	20.570	20.532	(0.760)	345	0.09212	6.261	NAP
	29 Tokuthion	Compound Not Detected.						
	30 Merphos-B (Merphos Oxone)	21.533	21.536	(0.795)	124	0.12718	8.643	
	31 Carbophenothion-methyl	22.269	22.254	(0.822)	165	0.10036	6.820	
	32 Fensulfothion	22.464	22.465	(0.829)	186	0.30377	20.64	NAP
	33 Bolstar / Famphur	23.611	23.627	(0.872)	282	0.11517	7.826	NC
	34 Carbophenothion	Compound Not Detected.						
$	35 Triphenyl phosphate	25.301	25.270	(0.934)	211503	0.88002	59.80	
	36 Phosmet	25.768	25.769	(0.951)	791	0.11133	7.565	
	37 EPN	Compound Not Detected.						
	38 Azinphos-methyl	26.601	26.584	(0.982)	122	0.15187	10.32	NAP
*	39 TOCP	27.084	27.076	(1.000)	550723	2.00000		
	40 Azinphos-ethyl	Compound Not Detected.						
	41 Coumaphos	27.712	27.694	(1.023)	189	0.07369	5.008	NAP
M	42 Total Demeton	Compound Not Detected.						
M	43 Merphos				313	0.00086	0.05848	

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D.i
Lab File ID: 049F4901.D
Lab Smp Id: LHFXQ1AA
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Misc Info:

Calibration Date: 09-AUG-2009
Calibration Time: 20:00
Client Smp ID: BLANK
Level: LOW
Sample Type: SOIL

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	836019	418010	1672038	772698	-7.57
39 TOCP	555487	277744	1110974	550723	-0.86

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.72	13.22	14.22	13.74	0.15
39 TOCP	27.08	26.58	27.58	27.08	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:
Sample Matrix: SOLID
Lab Smp Id: LHFXQ1AA
Level: LOW
Data Type: GC DATA
SpikeList File: fullDFCwater.spk
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Misc Info:

Client SDG: D9H030000
Fraction: SV
Client Smp ID: BLANK
Operator: MPK/TLW
SampleType: BLANK
Quant Type: ISTD

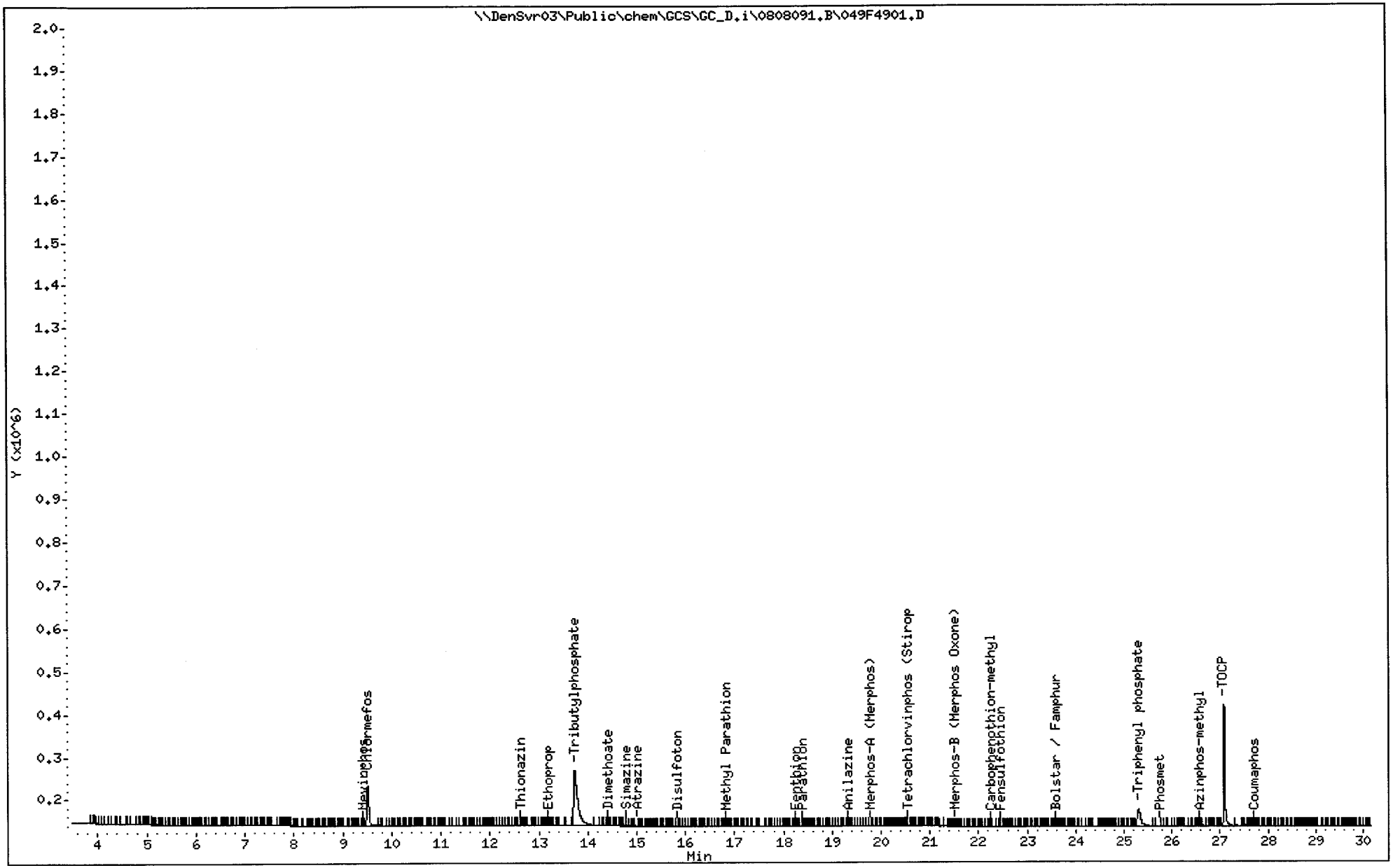
SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 4 Chlormefos	67.96	32.04	47.15*	59-112
$ 35 Triphenyl phosphat	67.96	59.80	88.00	50-150

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\049F4901.D
Date : 09-AUG-2009 20:37
Client ID: BLANK
Sample Info: LHFXQ1AA,MB

Instrument: GC_D.i

Operator: MPK/TLW
Column diameter: 0.32

Column phase: RTx-1MS



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\049F4901.D
Lab Smp Id: LHFXQ1AA Client Smp ID: BLANK
Inj Date : 09-AUG-2009 20:37
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : LHFXQ1AA,MB
Misc Info :
Comment   :
Method   : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Meth Date : 10-Aug-2009 13:57 williamst Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 Cal File: 009F0901.D
Als bottle: 49 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	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	Compound Not Detected.					
2	Dichlorvos	Compound Not Detected.					
$ 3	Chlormefos	12.894	12.885	(0.795)	317337	0.53072	36.07(R)
4	Mevinphos	Compound Not Detected.					
5	Demeton-O	Compound Not Detected.					
6	Thionazin	Compound Not Detected.					
* 7	Tributylphosphate	16.213	16.193	(1.000)	876959	2.00000	
8	Ethoprop	Compound Not Detected.					
9	Naled	16.937	16.921	(1.045)	263	0.17142	11.65
10	Sulfotepp	17.256	17.234	(1.064)	140	2e-004	0.01299(a)
11	Phorate	Compound Not Detected.					
12	Demeton-S	Compound Not Detected.					
13	Simazine	18.404	18.368	(1.135)	83	0.28778	19.56
14	Atrazine / Propazine	Compound Not Detected.					
15	Dimethoate	Compound Not Detected.					
16	Diazinon	Compound Not Detected.					
17	Disulfoton	Compound Not Detected.					
18	Methyl Parathion	21.104	21.132	(0.735)	63	0.08673	5.894
19	Ronnel	Compound Not Detected.					
20	Malathion	22.507	22.492	(0.784)	71	0.03652	2.482(a)
21	Chlorpyrifos	Compound Not Detected.					
22	Trichloronate	Compound Not Detected.					

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	23 Parathion	22.869	22.866	(0.797)	63	0.13138	8.928(a)
	24 Fenthion	Compound Not Detected.					
	25 Merphos-A (Merphos)	23.467	23.472	(0.817)	52	0.12748	8.663
	26 Anilazine	24.438	24.451	(0.851)	84	0.13019	8.847
	27 Tetrachlorvinphos (stirophos)	25.885	25.869	(0.902)	51	0.07834	5.324
	28 Tokuthion	Compound Not Detected.					
	29 Merphos-B (Merphos oxone)	26.224	26.176	(0.913)	82	0.12966	8.812(a)
	30 Carbophenothion methyl	Compound Not Detected.					
	31 Fensulfothion	27.277	27.237	(0.950)	73	0.08841	6.008
	32 Bolstar	Compound Not Detected.					
	33 Carbophenothion	Compound Not Detected.					
	34 Famphur	Compound Not Detected.					
$	35 Triphenyl phosphate	27.939	27.932	(0.973)	263885	0.94009	63.89
	36 EPN	Compound Not Detected.					
	37 Phosmet	28.379	28.366	(0.989)	53	0.05639	3.832
*	38 TOCP	28.709	28.705	(1.000)	648682	2.00000	
	39 Azinphos-methyl	28.804	28.816	(1.003)	2435	0.06535	4.441
	40 Azinphos-ethyl	Compound Not Detected.					
	41 Coumaphos	29.454	29.453	(1.026)	119	0.04558	3.098
M	42 Total Demeton	Compound Not Detected.					
M	43 Merphos	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_D.i
Lab File ID: 049F4901.D
Lab Smp Id: LHFXQ1AA
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Misc Info:

Calibration Date: 09-AUG-2009
Calibration Time: 20:00
Client Smp ID: BLANK
Level: LOW
Sample Type: SOIL

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
7 Tributylphosphate	941095	470548	1882190	876959	-6.82
38 TOCP	681586	340793	1363172	648682	-4.83

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.20	15.70	16.70	16.21	0.06
38 TOCP	28.71	28.21	29.21	28.71	0.00

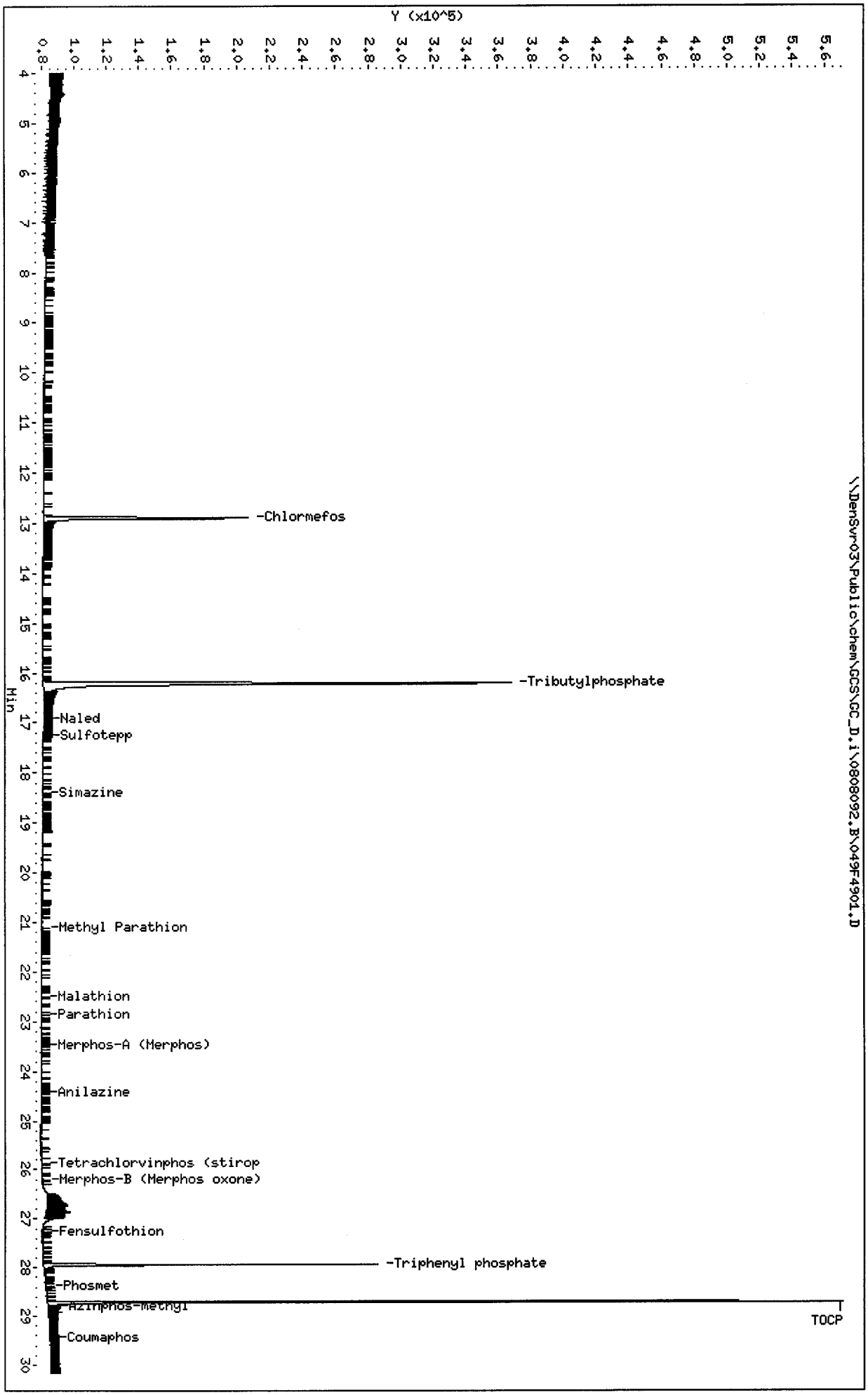
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name:
Client SDG: D9H030000
Sample Matrix: SOLID
Fraction: SV
Lab Smp Id: LHFXQ1AA
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_D.i\0808092.B\8141A-2.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 3 Chlormefos	67.96	36.07	53.07*	59-112
$ 35 Triphenyl phosphat	67.96	63.89	94.01	50-150



Data File: \\DenSvr03\Public\chem\GCS\GC_D,i\0808092.B\049F4901.D
Date : 09-AUG-2009 20:37
Client ID: BLANK
Sample Info: LHFXQ1AA,MB
Column phase: RTx-OPPest

Instrument: GC_D,i
Operator: MPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\050F5001.D
Lab Smp Id: LHFXQ1AC Client Smp ID: LCS
Inj Date : 09-AUG-2009 21:13
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : LHFXQ1AC,LCS
Misc Info :
Comment   :
Method   : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Meth Date : 10-Aug-2009 13:51 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 Cal File: 009F0901.D
Als bottle: 50 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	28.570	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	4.277	4.267	(0.312)	950348	1.24401	87.08(M)
	2 Dichlorvos	5.866	5.865	(0.428)	571415	1.77267	124.1
	3 Mevinphos	9.413	9.407	(0.686)	162284	1.30475	91.34
$	4 Chlormefos	9.513	9.502	(0.693)	397133	0.67261	47.08
	5 Thionazin	12.632	12.625	(0.921)	663614	1.52428	106.7
	6 Demeton-O	12.885	12.876	(0.939)	264216	0.72601	50.82
	7 Ethoprop	13.211	13.205	(0.963)	595046	1.52895	107.0
	8 Naled	13.487	13.482	(0.983)	82734	0.69964	48.98(R)
*	9 Tributylphosphate	13.718	13.714	(1.000)	765964	2.00000	
	10 Sulfotepp	14.153	14.143	(1.032)	763157	1.27260	89.09(R)
	11 Phorate	14.237	14.227	(1.038)	419728	1.06295	74.41(R)
	12 Dimethoate	14.436	14.416	(1.052)	242297	0.92683	64.88
	13 Demeton-S	14.691	14.682	(1.071)	25258	0.09275	6.493(R)
	14 Simazine	14.791	14.783	(1.078)	205649	1.52345	106.6
	15 Atrazine	15.005	14.997	(1.094)	257678	1.56948	109.9
	16 propazine	15.189	15.178	(1.107)	262354	1.55406	108.8
	17 Disulfoton	15.875	15.866	(0.586)	233912	0.68536	47.98(R)
	18 Diazinon	15.942	15.934	(0.589)	579230	1.40461	98.33
	19 Methyl Parathion	16.844	16.829	(0.622)	443742	1.54997	108.5
	20 Ronnel	17.468	17.456	(0.645)	455717	1.49356	104.6
	21 Malathion	18.143	18.134	(0.670)	362666	1.36233	95.37
	22 Fenthion	18.294	18.284	(0.676)	439807	1.43522	100.5

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	23 Parathion	18.403	18.392	(0.680)	459372	1.53308	107.3
	24 Chlorpyrifos	18.463	18.451	(0.682)	573584	1.46843	102.8
	25 Trichloronate	18.969	18.958	(0.701)	512253	1.35038	94.53
	26 Anilazine	19.358	19.345	(0.715)	26296	1.16815	81.77
	27 Merphos-A (Merphos)	19.783	19.804	(0.731)	2786	0.11459	8.022
	28 Tetrachlorvinphos (Stirophos)	20.538	20.532	(0.758)	327335	1.57894	110.5
	29 Tokuthion	21.289	21.278	(0.786)	553797	1.53496	107.4
	30 Merphos-B (Merphos Oxone)	21.544	21.536	(0.796)	516271	8.56922	599.9(A)
	31 Carbophenothion-methyl	22.271	22.254	(0.822)	381924	1.56972	109.9
	32 Fensulfothion	22.465	22.465	(0.830)	430912	1.98261	138.8
	33 Bolstar / Famphur	23.639	23.627	(0.873)	982044	3.19853	223.9
	34 Carbophenothion	23.963	23.947	(0.885)	462373	1.58392	110.9
$	35 Triphenyl phosphate	25.283	25.270	(0.934)	201675	0.86905	60.84
	36 Phosmet	25.783	25.769	(0.952)	398653	1.71470	120.0
	37 EPN	26.108	26.097	(0.964)	487690	1.62392	113.7
	38 Azinphos-methyl	26.594	26.584	(0.982)	357866	1.65307	115.7
*	39 TOCP	27.079	27.076	(1.000)	531761	2.00000	
	40 Azinphos-ethyl	27.179	27.172	(1.004)	428290	1.54985	108.5
	41 Coumaphos	27.703	27.694	(1.023)	365463	1.61606	113.1
M	42 Total Demeton				289474	0.81876	57.32(R)
M	43 Merphos				519057	1.47781	103.4

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_D.i
Lab File ID: 050F5001.D
Lab Smp Id: LHFXQ1AC
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Misc Info:

Calibration Date: 09-AUG-2009
Calibration Time: 20:00
Client Smp ID: LCS
Level: LOW
Sample Type: SOIL

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	836019	418010	1672038	765964	-8.38
39 TOCP	555487	277744	1110974	531761	-4.27

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.72	13.22	14.22	13.72	0.00
39 TOCP	27.08	26.58	27.58	27.08	-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:
Sample Matrix: SOLID
Lab Smp Id: LHFXQ1AC
Level: LOW
Data Type: GC DATA
SpikeList File: fullDFCwater.spk
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Misc Info:

Client SDG: D9H030000
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	140.0	87.08	62.20	36-119
	2	Dichlorvos	140.0	124.1	88.63	50-120
	3	Mevinphos	140.0	91.34	65.24	35-108
$	4	Chlormefos	70.00	47.08	67.26	48-114
	5	Thionazin	140.0	106.7	76.21	65-116
	6	Demeton-O	97.72	50.82	52.01	36-119
	7	Ethoprop	140.0	107.0	76.45	65-108
	8	Naled	140.0	48.98	34.98*	36-119
	10	Sulfotepp	140.0	89.09	63.63*	69-103
	11	Phorate	140.0	74.41	53.15*	62-104
	12	Dimethoate	140.0	64.88	46.34	28-115
	13	Demeton-S	42.28	6.493	15.36*	36-119
	14	Simazine	140.0	106.6	76.17	47-109
	15	Atrazine	140.0	109.9	78.47	36-119
	16	propazine	140.0	108.8	77.70	36-119
	17	Disulfoton	140.0	47.98	34.27*	36-119
	18	Diazinon	140.0	98.33	70.23	36-119
	19	Methyl Parathion	140.0	108.5	77.50	68-119
	20	Ronnel	140.0	104.6	74.68	62-115
	21	Malathion	140.0	95.37	68.12	67-115
	22	Fenthion	140.0	100.5	71.76	36-119
	23	Parathion	140.0	107.3	76.65	36-119
	25	Trichloronate	140.0	94.53	67.52	36-119
	24	Chlorpyrifos	140.0	102.8	73.42	36-119
	26	Anilazine	140.0	81.77	58.41	47-115
	28	Tetrachlorvinphos	140.0	110.5	78.95	36-119
	29	Tokuthion	140.0	107.4	76.75	36-119
	32	Fensulfothion	140.0	138.8	99.13	61-115
	33	Bolstar / Famphur	280.0	223.9	79.96	36-119
	34	Carbophenothion	140.0	110.9	79.20	50-150
$	35	Triphenyl phosphat	70.00	60.84	86.90	50-150
	36	Phosmet	140.0	120.0	85.73	50-150
	37	EPN	140.0	113.7	81.20	36-119
	38	Azinphos-methyl	140.0	115.7	82.65	55-115
	41	Coumaphos	140.0	113.1	80.80	62-115
M	42	Total Demeton	140.0	57.32	40.94*	47-115
M	43	Merphos	140.0	103.4	73.89	36-119

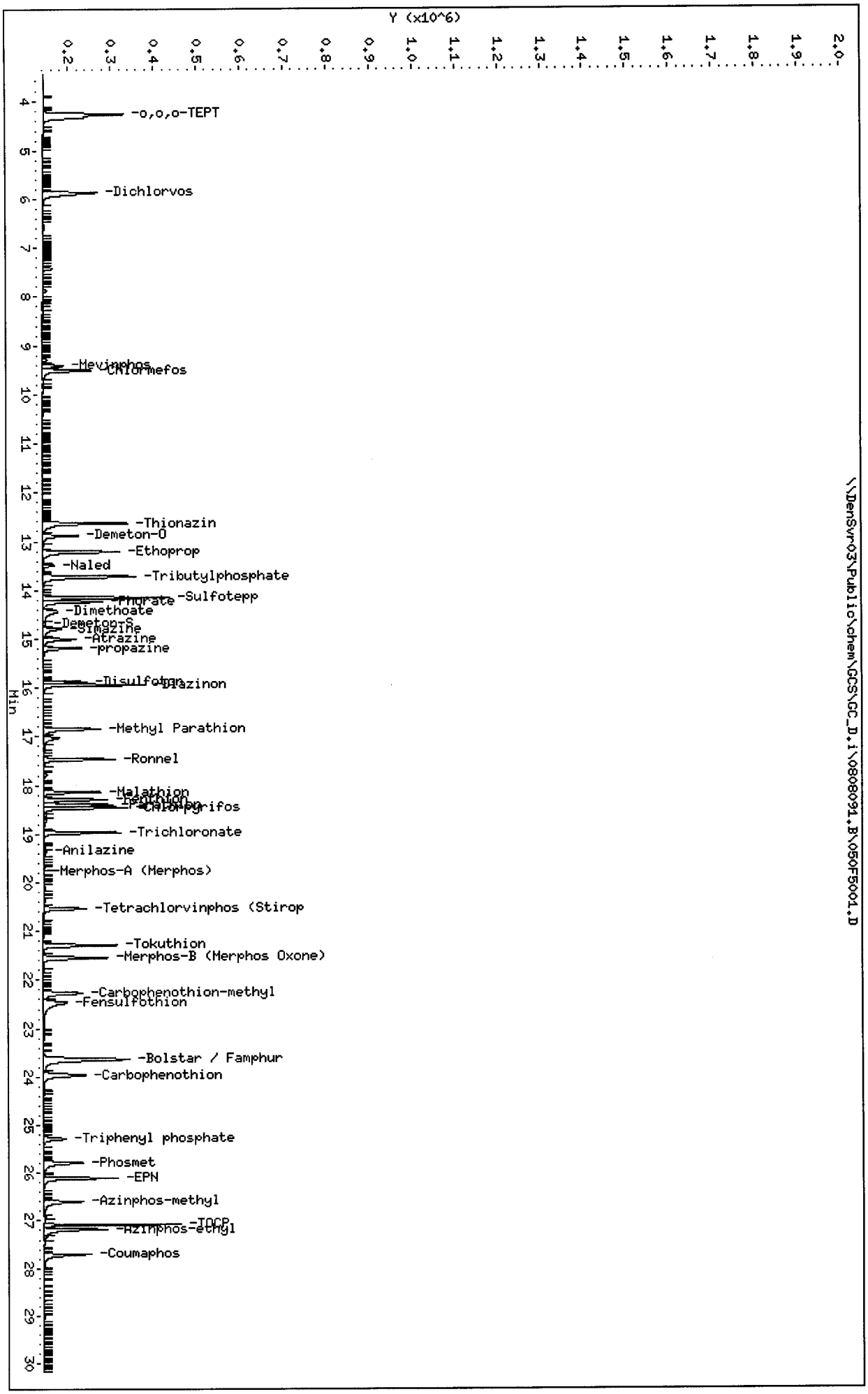
TestAmerica

RECOVERY REPORT

Client Name:
Sample Matrix: SOLID
Lab Smp Id: LHFXQ1AC
Level: LOW
Data Type: GC DATA
SpikeList File: fullDFCwater.spk
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Misc Info:

Client SDG: D9H030000
Fraction: SV
Client Smp ID: LCS
Operator: MPK/TLW
SampleType: LCS
Quant Type: ISTD

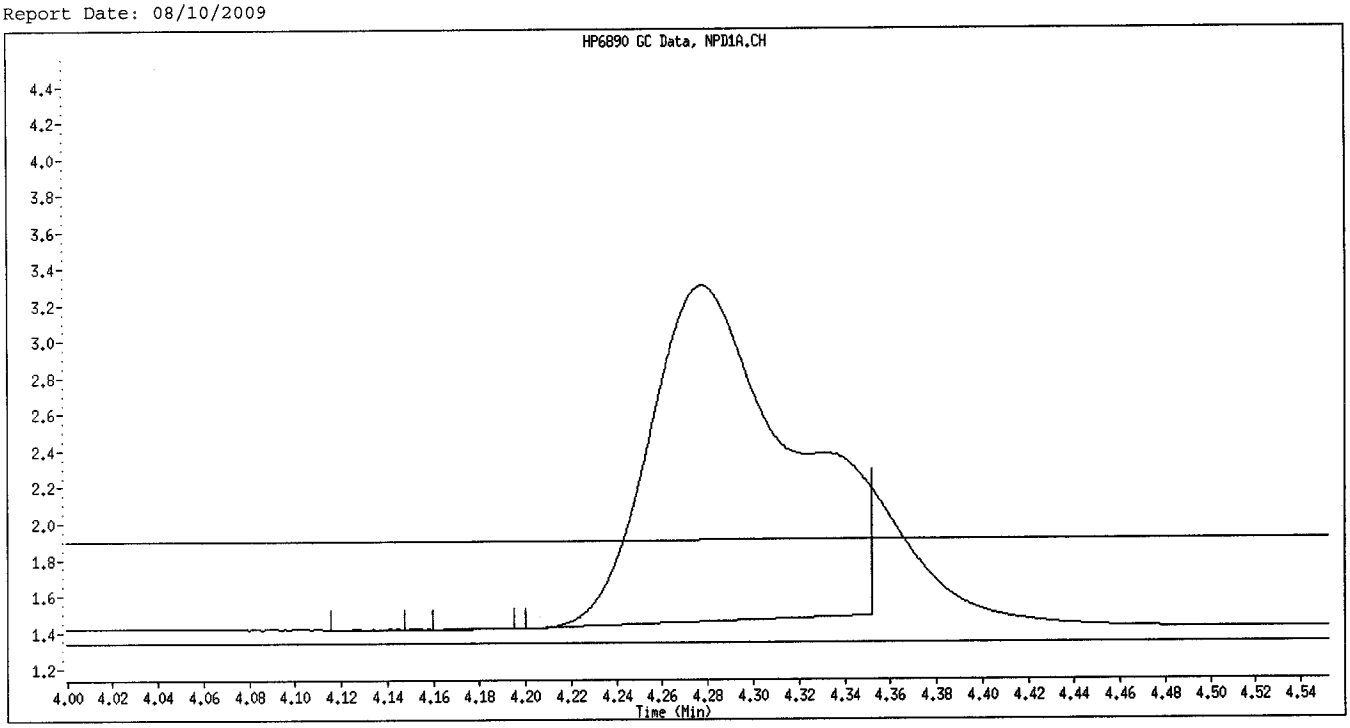
SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 4 Chlormefos	67.96	47.08	67.26	59-112
$ 35 Triphenyl phosphat	67.96	60.84	86.90	50-150



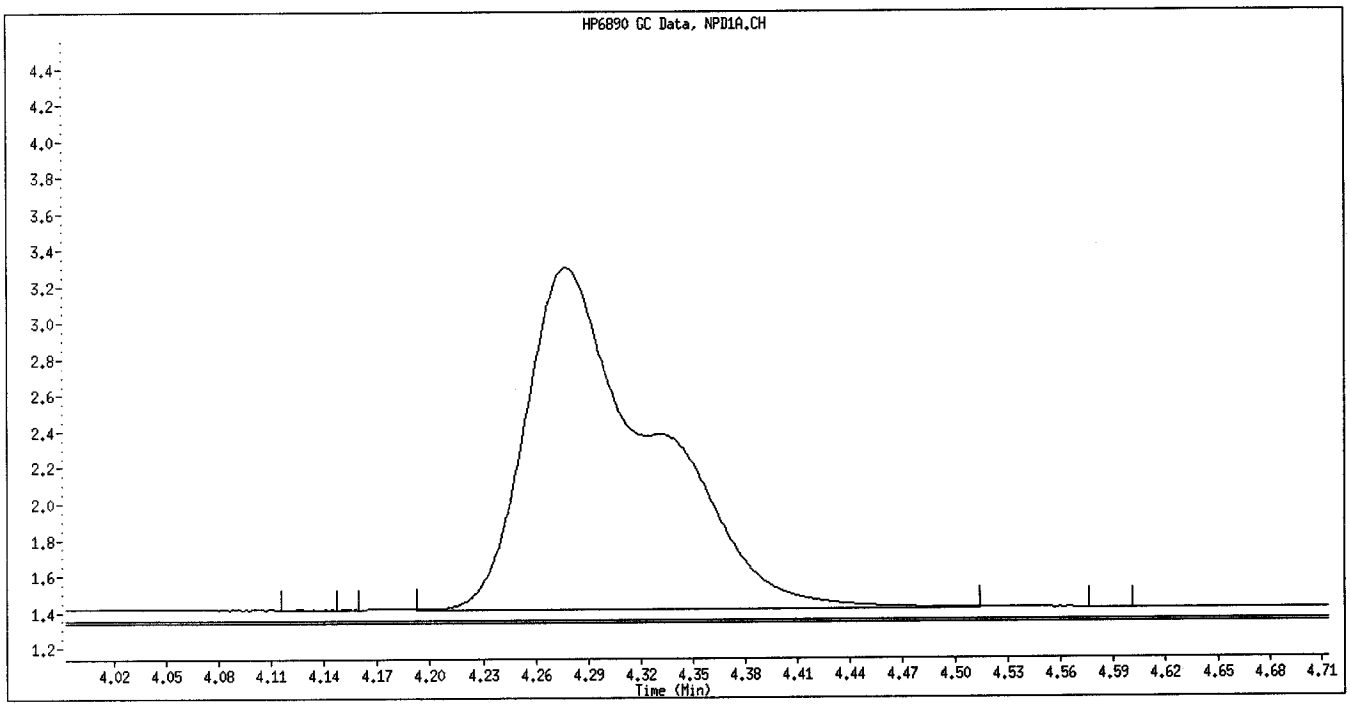
Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\050F5001.D
Date : 09-AUG-2009 21:13
Client ID: LCS
Sample Info: LHFXQ1AC,LCS
Column phase: RTx-1MS

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

Data File Name: 050F5001.D
Inj. Date and Time: 09-AUG-2009 21:13
Instrument ID: GC_D.i
Client ID: LCS
Compound Name: o,o,o-TEPT
CAS #:
Report Date: 08/10/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

8/10/09

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\050F5001.D
Lab Smp Id: LHFXQ1AC Client Smp ID: LCS
Inj Date : 09-AUG-2009 21:13
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : LHFXQ1AC,LCS
Misc Info :
Comment   :
Method   : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Meth Date : 10-Aug-2009 13:57 williamst Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 Cal File: 009F0901.D
Als bottle: 50 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	28.570	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	6.771	6.758	(0.418)	1034510	1.23886	86.72
2	Dichlorvos	8.964	8.952	(0.553)	726397	1.95146	136.6
$ 3	Chlormefos	12.894	12.885	(0.796)	364617	0.60801	42.56
4	Mevinphos	13.016	13.006	(0.803)	270740	1.20441	84.31
5	Demeton-O	15.948	15.939	(0.984)	251618	0.73641	51.55
6	Thionazin	16.075	16.067	(0.992)	769412	1.51982	106.4
* 7	Tributylphosphate	16.203	16.193	(1.000)	893000	2.00000	
8	Ethoprop	16.343	16.332	(1.009)	693413	1.48616	104.0
9	Naled	16.930	16.921	(1.045)	100698	0.75156	52.61
10	Sulfotepp	17.243	17.234	(1.064)	1284387	1.72174	120.5
11	Phorate	Compound Not Detected.					
12	Demeton-S	Compound Not Detected.					
13	Simazine	18.376	18.368	(1.134)	196746	2.02980	142.1
14	Atrazine / Propazine	18.443	18.434	(1.138)	629556	3.07168	215.0
15	Dimethoate	18.581	18.569	(1.147)	298684	0.72677	50.88
16	Diazinon	18.976	18.967	(1.171)	627524	1.41775	99.25
17	Disulfoton	19.240	19.231	(1.187)	287593	0.64329	45.03(R)
18	Methyl Parathion	21.143	21.132	(0.736)	538470	1.73762	121.6
19	Ronnel	21.231	21.222	(0.740)	592953	1.57308	110.1
20	Malathion	22.503	22.492	(0.784)	406389	1.35354	94.75
21	Chlorpyrifos	22.657	22.644	(0.789)	561582	1.60483	112.3
22	Trichloronate	22.832	22.819	(0.795)	595171	1.38555	96.99

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	23 Parathion	22.880	22.866	(0.797)	592517	1.48275	103.8
	24 Fenthion	22.953	22.942	(0.799)	567814	1.46260	102.4
	25 Merphos-A (Merphos)	23.482	23.472	(0.818)	130	0.12775	8.943
	26 Anilazine	24.465	24.451	(0.852)	7463	0.37653	26.36(R)
	27 Tetrachlorvinphos (stirophos)	25.876	25.869	(0.901)	394873	1.60644	112.4
	28 Tokuthion	26.049	26.043	(0.907)	633720	1.53537	107.5
	29 Merphos-B (Merphos oxone)	26.181	26.176	(0.912)	564300	8.21697	575.2(A)
	30 Carbophenothion methyl	27.004	26.999	(0.941)	477230	1.65395	115.8
	31 Fensulfothion	27.242	27.237	(0.949)	409696	1.65919	116.1
	32 Bolstar	27.351	27.347	(0.953)	612756	1.55094	108.6
	33 Carbophenothion	27.463	27.460	(0.957)	506548	1.53392	107.4
	34 Famphur	27.648	27.644	(0.963)	540074	1.78976	125.3
$	35 Triphenyl phosphate	27.936	27.932	(0.973)	252939	0.89569	62.70
	36 EPN	28.242	28.240	(0.984)	538726	1.66331	116.4
	37 Phosmet	28.370	28.366	(0.988)	454960	1.72922	121.0
*	38 TOCP	28.708	28.705	(1.000)	652599	2.00000	
	39 Azinphos-methyl	28.821	28.816	(1.004)	402790	1.82752	127.9
	40 Azinphos-ethyl	29.132	29.127	(1.015)	408314	1.72488	120.7
	41 Coumaphos	29.460	29.453	(1.026)	342322	1.62015	113.4
M	42 Total Demeton				251618	0.73641	51.55(R)
M	43 Merphos				564430	1.47062	102.9

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_D.i
Lab File ID: 050F5001.D
Lab Smp Id: LHFXQ1AC
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Misc Info:

Calibration Date: 09-AUG-2009
Calibration Time: 20:00
Client Smp ID: LCS
Level: LOW
Sample Type: SOIL

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
7 Tributylphosphate	941095	470548	1882190	893000	-5.11
38 TOCP	681586	340793	1363172	652599	-4.25

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.20	15.70	16.70	16.20	-0.00
38 TOCP	28.71	28.21	29.21	28.71	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

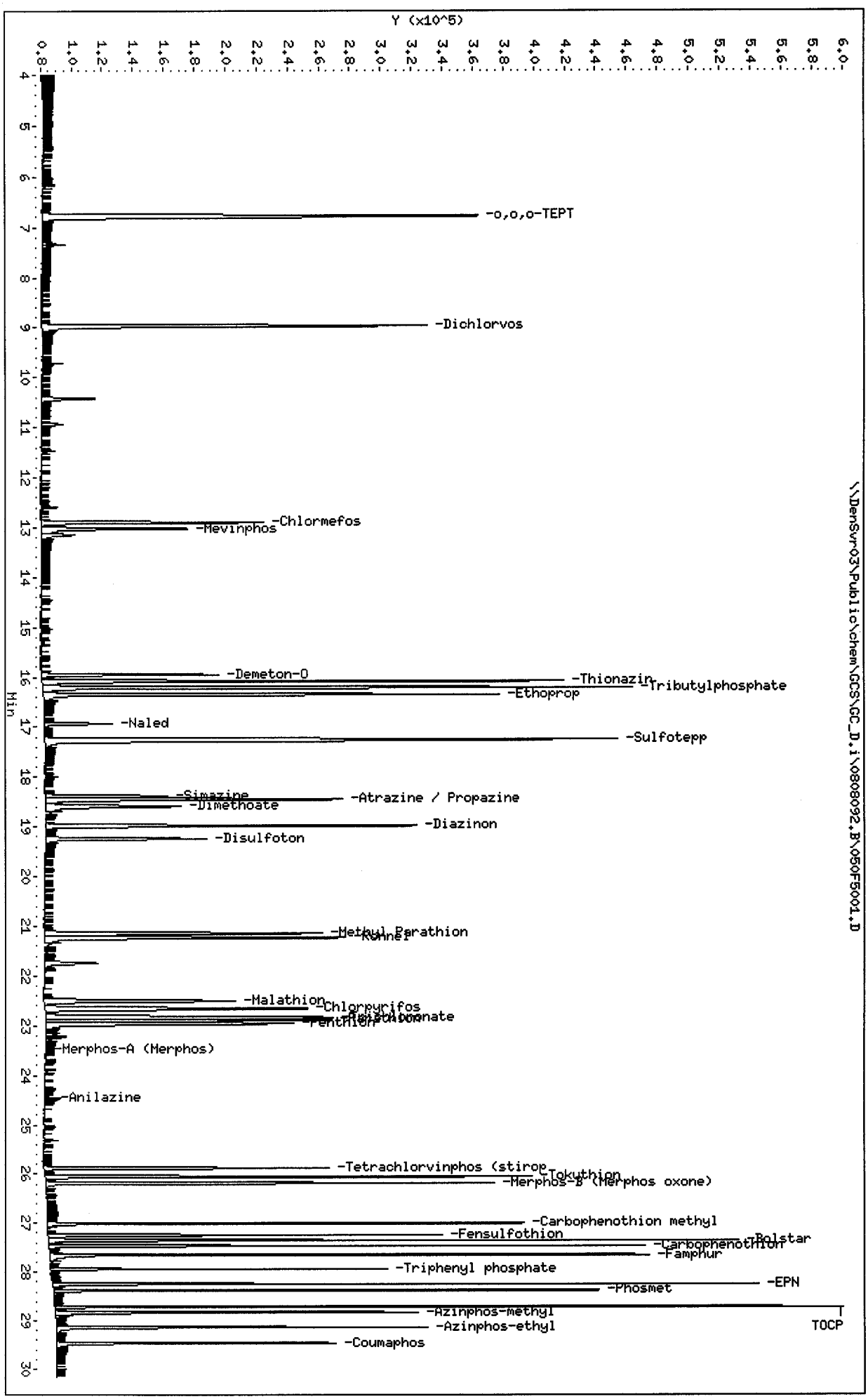
Client Name:
Sample Matrix: SOLID
Lab Smp Id: LHFXQ1AC
Level: LOW
Data Type: GC DATA
SpikeList File: fullDFCwater.spk
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Misc Info:

Client SDG: D9H030000
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	140.0	86.72	61.94	36-119
	2 Dichlorvos	140.0	136.6	97.57	50-120
$	3 Chlormefos	70.00	42.56	60.80	58-114
	4 Mevinphos	140.0	84.31	60.22	35-108
	5 Demeton-O	98.00	51.55	52.60	36-119
	6 Thionazin	140.0	106.4	75.99	65-116
	8 Ethoprop	140.0	104.0	74.31	36-119
	11 Phorate	140.0	0.0000	*	36-119
	13 Simazine	140.0	142.1	101.49	36-119
	16 Diazinon	140.0	99.25	70.89	36-119
	17 Disulfoton	140.0	45.03	32.16*	61-103
	12 Demeton-S	42.00	0.0000	*	36-119
	15 Dimethoate	140.0	50.88	36.34	28-82
	19 Ronnel	140.0	110.1	78.65	62-99
	21 Chlorpyrifos	140.0	112.3	80.24	66-101
	24 Fenthion	140.0	102.4	73.13	36-119
	22 Trichloronate	140.0	96.99	69.28	36-119
	26 Anilazine	140.0	26.36	18.83*	36-119
M	43 Merphos	140.0	102.9	73.53	36-119
	18 Methyl Parathion	140.0	121.6	86.88	36-119
	20 Malathion	140.0	94.75	67.68	36-119
	28 Tokuthion	140.0	107.5	76.77	36-119
	23 Parathion	140.0	103.8	74.14	36-119
	27 Tetrachlorvinphos	140.0	112.4	80.32	36-119
	32 Bolstar	140.0	108.6	77.55	36-119
$	35 Triphenyl phosphat	70.00	62.70	89.57	36-119
	31 Fensulfothion	140.0	116.1	82.96	20-105
	36 EPN	140.0	116.4	83.17	36-119
	34 Famphur	140.0	125.3	89.49	61-108
	39 Azinphos-methyl	140.0	127.9	91.38	55-103
	41 Coumaphos	140.0	113.4	81.01	36-119
M	42 Total Demeton	140.0	51.55	36.82*	47-100

	SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$	3 Chlormefos	67.96	42.56	60.80	59-112

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 35 Triphenyl phosphat	67.96	62.70	89.57	50-150



Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\050F5001.D
Date : 09-AUG-2009 21:13
Client ID: LCS
Sample Info: LHFXQ1AC,LCS
Column phase: RTx-OPPest

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

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\055F5501.D
Lab Smp Id: LHC041AA Client Smp ID: SA73-0.5B
Inj Date : 10-AUG-2009 00:15
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : LHC041AA,187-1
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Meth Date : 10-Aug-2009 13:51 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 Cal File: 009F0901.D
Als bottle: 55
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	29.150	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	9.425	9.407	(0.687)	68	0.40223	27.60 NC
$ 4	Chlormefos	9.514	9.502	(0.693)	271011	0.58260	39.97(R)
5	Thionazin	12.614	12.625	(0.919)	105	0.06788	4.657
6	Demeton-O	Compound Not Detected.					
7	Ethoprop	13.227	13.205	(0.964)	274	0.08902	6.108 NC
8	Naled	13.515	13.482	(0.985)	191	0.17479	11.99
* 9	Tributylphosphate	13.721	13.714	(1.000)	603464	2.00000	
10	Sulfotepp	Compound Not Detected.					
11	Phorate	Compound Not Detected.					
12	Dimethoate	14.442	14.416	(1.053)	303	0.35424	24.30 NC
13	Demeton-S	Compound Not Detected.					
14	Simazine	14.800	14.783	(1.079)	286	0.21496	14.75
15	Atrazine	15.017	14.997	(1.094)	178	0.19344	13.27
16	propazine	Compound Not Detected.					
17	Disulfoton	15.871	15.866	(0.586)	147	0.08291	5.688
18	Diazinon	Compound Not Detected.					
19	Methyl Parathion	16.810	16.829	(0.621)	127	0.07313	5.018
20	Ronnel	Compound Not Detected.					
21	Malathion	Compound Not Detected.					
22	Fenthion	18.298	18.284	(0.676)	66	0.05999	4.116

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	23 Parathion	18.402	18.392	(0.680)	221	0.18210	12.49 NAT
	24 Chlorpyrifos	Compound Not Detected.					
	25 Trichloronate	Compound Not Detected.					
	26 Anilazine	19.348	19.345	(0.715)	81	0.40558	27.83
	27 Merphos-A (Merphos)	19.800	19.804	(0.731)	86	0.10432	7.158
	28 Tetrachlorvinphos (Stirophos)	20.547	20.532	(0.759)	200	0.09170	6.291 NAP
	29 Tokuthion	Compound Not Detected.					
	30 Merphos-B (Merphos Oxone)	21.515	21.536	(0.795)	246	0.12758	8.753
	31 Carbophenothion-methyl	22.254	22.254	(0.822)	287	0.10107	6.934
	32 Fensulfothion	22.455	22.465	(0.829)	780	0.30670	21.04 RPT 2°
	33 Bolstar / Famphur	23.619	23.627	(0.872)	376	0.11572	7.940 NC
	34 Carbophenothion	Compound Not Detected.					
$	35 Triphenyl phosphate	25.280	25.270	(0.934)	193734	0.99695	68.40
	36 Phosmet	25.770	25.769	(0.952)	430	0.11032	7.569
	37 EPN	Compound Not Detected.					
	38 Azinphos-methyl	26.587	26.584	(0.982)	257	0.15266	10.47 NAP
*	39 TOCP	27.079	27.076	(1.000)	445286	2.00000	
	40 Azinphos-ethyl	Compound Not Detected.					
	41 Coumaphos	27.711	27.694	(1.023)	128	0.07357	5.047 NAP
M	42 Total Demeton	Compound Not Detected.					
M	43 Merphos				332	0.00113	0.07745

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D.i
Lab File ID: 055F5501.D
Lab Smp Id: LHC041AA
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Misc Info:

Calibration Date: 09-AUG-2009
Calibration Time: 20:00
Client Smp ID: SA73-0.5B
Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	836019	418010	1672038	603464	-27.82
39 TOCP	555487	277744	1110974	445286	-19.84

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.72	13.22	14.22	13.72	0.03
39 TOCP	27.08	26.58	27.58	27.08	-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

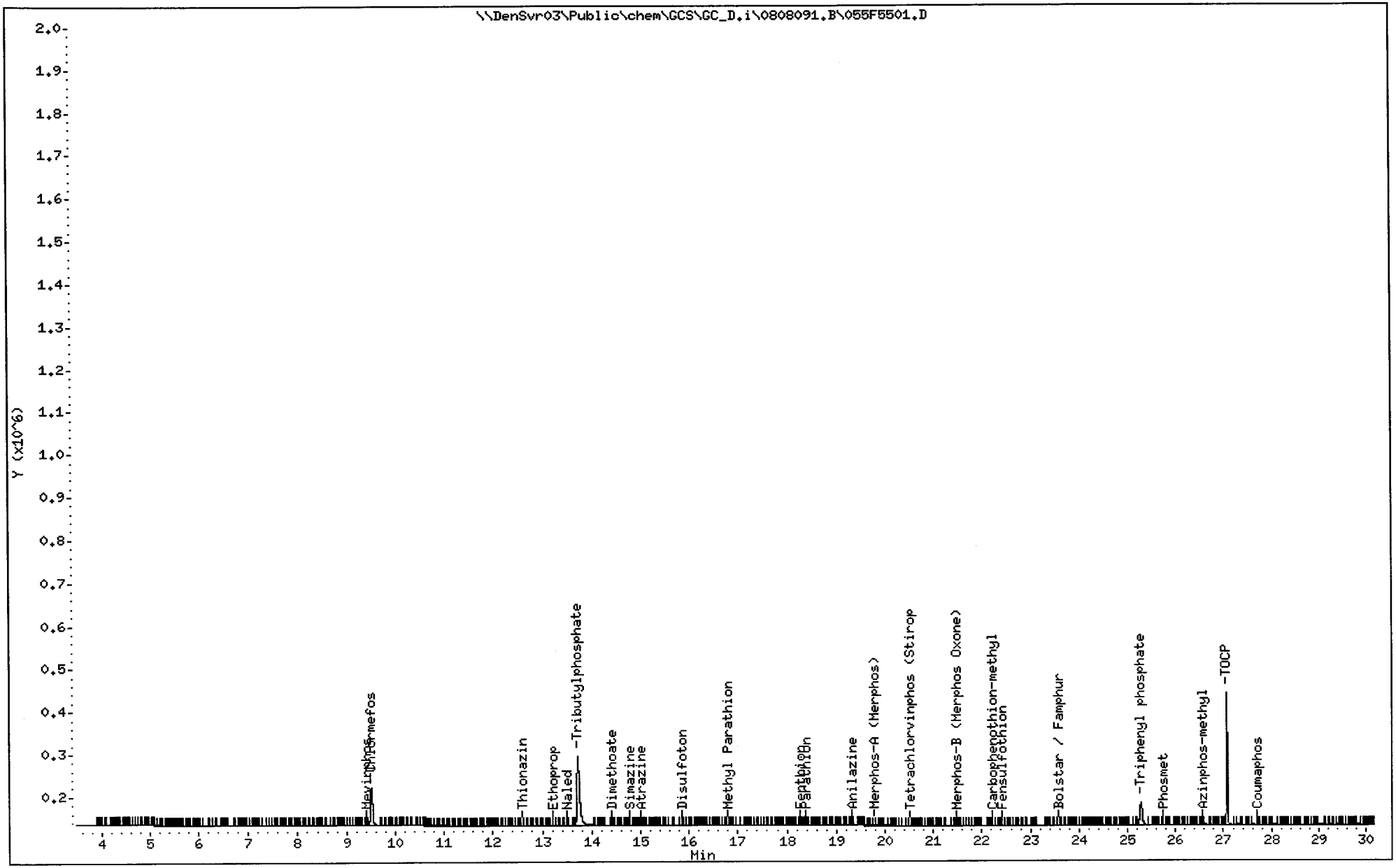
Client Name: Northgate Environmen31-JUL-2009 00:00 Client SDG: D9G3101
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LHC041AA Client Smp ID: SA73-0.5B
Level: LOW Operator: MPK/TLW
Data Type: GC DATA SampleType: SAMPLE
SpikeList File: fullDFCwater.spk Quant Type: ISTD
Sublist File: 8141A.sub
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 4 Chlormefos	68.61	39.97	58.26*	59-112
$ 35 Triphenyl phosphat	68.61	68.40	99.70	50-150

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\055F5501.D
Date : 10-AUG-2009 00:15
Client ID: SA73-0.5B
Sample Info: LHC041AA,187-1

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

Column phase: RTx-1MS



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\055F5501.D
Lab Smp Id: LHC041AA Client Smp ID: SA73-0.5B
Inj Date : 10-AUG-2009 00:15
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : LHC041AA,187-1
Misc Info :
Comment   :
Method   : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Meth Date : 10-Aug-2009 13:57 williamst Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 Cal File: 009F0901.D
Als bottle: 55
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	29.150	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	12.895	12.885	(0.796)	309994	0.67943	46.62
	4 Mevinphos	Compound Not Detected.					
	5 Demeton-O	Compound Not Detected.					
	6 Thionazin	Compound Not Detected.					
*	7 Tributylphosphate	16.204	16.193	(1.000)	686994	2.00000	
	8 Ethoprop	Compound Not Detected.					
	9 Naled	16.939	16.921	(1.045)	178	0.17121	11.75
	10 Sulfotepp	17.260	17.234	(1.065)	91	2e-004	0.01088(a)
	11 Phorate	Compound Not Detected.					
	12 Demeton-S	Compound Not Detected.					
	13 Simazine	18.378	18.368	(1.134)	73	0.28787	19.75
	14 Atrazine / Propazine	Compound Not Detected.					
	15 Dimethoate	Compound Not Detected.					
	16 Diazinon	Compound Not Detected.					
	17 Disulfoton	Compound Not Detected.					
	18 Methyl Parathion	21.117	21.132	(0.736)	52	0.08673	5.951
	19 Ronnel	Compound Not Detected.					
	20 Malathion	Compound Not Detected.					
	21 Chlorpyrifos	Compound Not Detected.					
	22 Trichloronate	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 Fenthion	Compound Not Detected.					
	25 Merphos-A (Merphos)	23.470	23.472	(0.818)	67	0.12758	8.753
	26 Anilazine	24.474	24.451	(0.853)	57	0.12965	8.895
	27 Tetrachlorvinphos (stirophos)	25.864	25.869	(0.901)	121	0.07870	5.400
	28 Tokuthion	Compound Not Detected.					
	29 Merphos-B (Merphos oxone)	26.161	26.176	(0.911)	55	0.12964	8.894(a)
	30 Carbophenothion methyl	Compound Not Detected.					
	31 Fensulfothion	27.241	27.237	(0.949)	612	0.09094	6.240 VCW
	32 Bolstar	Compound Not Detected.					
	33 Carbophenothion	Compound Not Detected.					
	34 Famphur	Compound Not Detected.					
$	35 Triphenyl phosphate	27.935	27.932	(0.973)	235890	1.00140	68.71
	36 EPN	Compound Not Detected.					
	37 Phosmet	28.370	28.366	(0.988)	197	0.05706	3.915
*	38 TOCP	28.706	28.705	(1.000)	544367	2.00000	
	39 Azinphos-methyl	28.817	28.816	(1.004)	751	0.05853	4.015
	40 Azinphos-ethyl	Compound Not Detected.					
	41 Coumaphos	29.445	29.453	(1.026)	219	0.04624	3.172
M	42 Total Demeton	Compound Not Detected.					
M	43 Merphos	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_D.i
Lab File ID: 055F5501.D
Lab Smp Id: LHC041AA
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Misc Info:

Calibration Date: 09-AUG-2009
Calibration Time: 20:00
Client Smp ID: SA73-0.5B
Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	941095	470548	1882190	686994	-27.00
38 TOCP	681586	340793	1363172	544367	-20.13

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.20	15.70	16.70	16.20	0.01
38 TOCP	28.71	28.21	29.21	28.71	-0.01

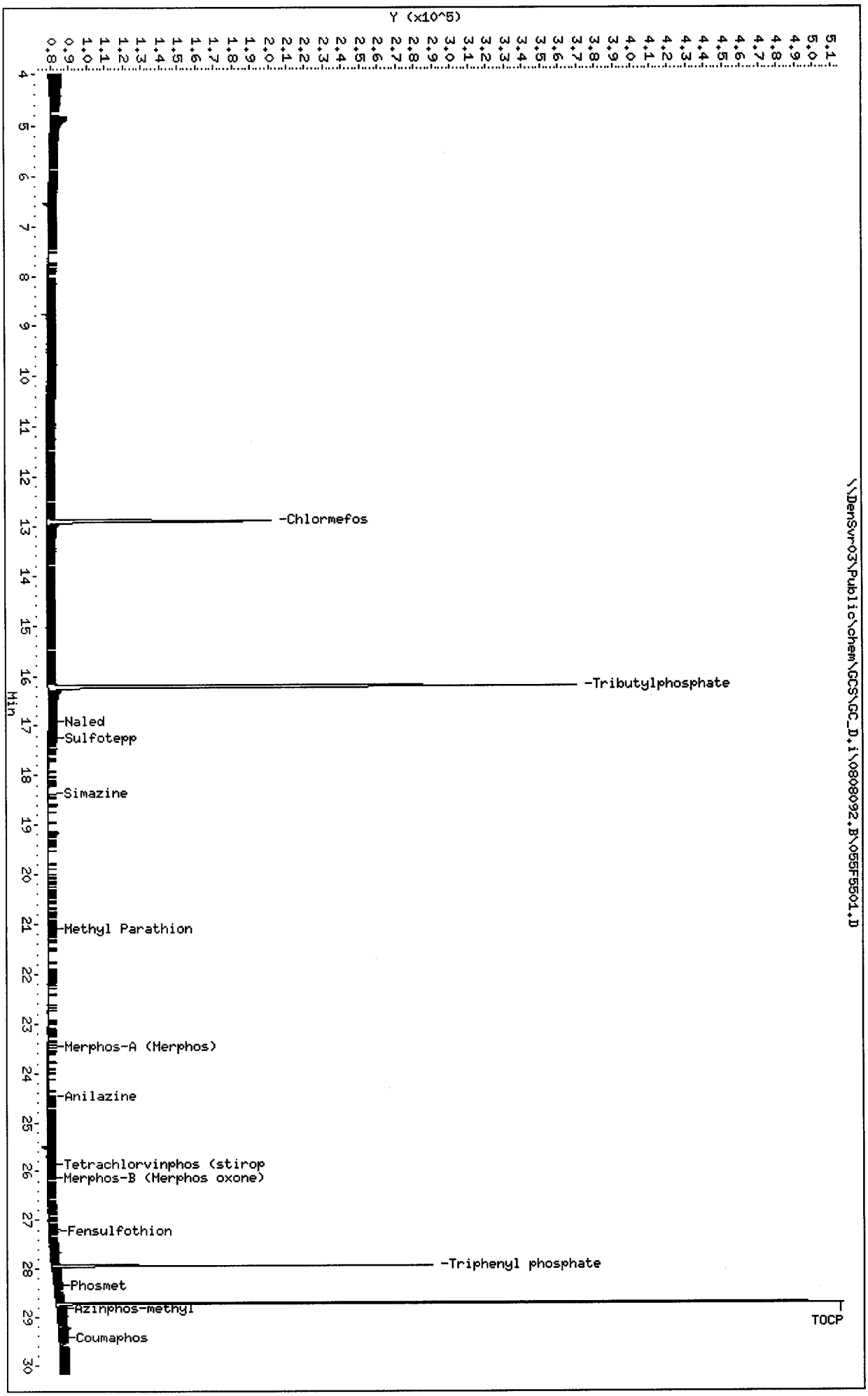
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name: Northgate Environmen31-JUL-2009 00:00 Client SDG: D9G3101
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LHC041AA Client Smp ID: SA73-0.5B
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_D.i\0808092.B\8141A-2.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 3 Chlormefos	68.61	46.62	67.94	59-112
$ 35 Triphenyl phosphat	68.61	68.71	100.14	50-150



Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\055F5501.D
Date : 10-AUG-2009 00:15
Client ID: SA73-0.5B
Sample Info: LHC041AA,187-1
Column phase: RTx-OPPest

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

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\056F5601.D
Lab Smp Id: LHC1K1AA Client Smp ID: SA73-30B
Inj Date : 10-AUG-2009 00:52
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : LHC1K1AA,187-2
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Meth Date : 10-Aug-2009 13:51 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 Cal File: 009F0901.D
Als bottle: 56
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	28.900	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	9.415	9.407	(0.686)	138	0.40270	27.87 NC
$ 4	Chlormefos	9.511	9.502	(0.693)	315629	0.66283	45.87
5	Thionazin	12.638	12.625	(0.921)	840	0.06987	4.835
6	Demeton-O	Compound Not Detected.					
7	Ethoprop	13.216	13.205	(0.963)	92	0.08846	6.121 NC
8	Naled	13.480	13.482	(0.982)	117	0.17417	12.05
* 9	Tributylphosphate	13.725	13.714	(1.000)	617749	2.00000	
10	Sulfotepp	Compound Not Detected.					
11	Phorate	Compound Not Detected.					
12	Dimethoate	14.404	14.416	(1.049)	330	0.35430	24.52 NC
13	Demeton-S	Compound Not Detected.					
14	Simazine	14.813	14.783	(1.079)	281	0.21488	14.87
15	Atrazine	14.996	14.997	(1.093)	262	0.19397	13.42
16	propazine	Compound Not Detected.					
17	Disulfoton	15.857	15.866	(0.586)	109	0.08279	5.729
18	Diazinon	Compound Not Detected.					
19	Methyl Parathion	16.830	16.829	(0.622)	216	0.07347	5.084
20	Ronnel	Compound Not Detected.					
21	Malathion	Compound Not Detected.					
22	Fenthion	18.313	18.284	(0.676)	72	0.06001	4.153

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)	
	23 Parathion	18.392	18.392	(0.679)	312	0.18239	12.62	NAP
	24 Chlorpyrifos	Compound Not Detected.						
	25 Trichloronate	Compound Not Detected.						
	26 Anilazine	19.297	19.345	(0.713)	244	0.41106	28.45	
	27 Merphos-A (Merphos)	19.821	19.804	(0.732)	168	0.10468	7.244	
	28 Tetrachlorvinphos (Stirophos)	20.536	20.532	(0.758)	140	0.09135	6.322	NAP
	29 Tokuthion	Compound Not Detected.						
	30 Merphos-B (Merphos Oxone)	21.524	21.536	(0.795)	190	0.12741	8.818	
	31 Carbophenothion-methyl	22.227	22.254	(0.821)	130	0.10033	6.943	
	32 Fensulfothion	22.466	22.465	(0.830)	288	0.30438	21.06	NAP
	33 Bolstar / Famphur	23.593	23.627	(0.871)	440	0.11593	8.023	NC
	34 Carbophenothion	Compound Not Detected.						
$	35 Triphenyl phosphate	25.274	25.270	(0.933)	231121	1.16319	80.50	
	36 Phosmet	25.780	25.769	(0.952)	200	0.10919	7.556	
	37 EPN	Compound Not Detected.						
	38 Azinphos-methyl	26.590	26.584	(0.982)	81	0.15177	10.50	NAP
*	39 TOCP	27.077	27.076	(1.000)	455299	2.00000		
	40 Azinphos-ethyl	Compound Not Detected.						
	41 Coumaphos	27.679	27.694	(1.022)	312	0.07446	5.153	NAP
M	42 Total Demeton	Compound Not Detected.						
M	43 Merphos				358	0.00119	0.08238	

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D.i
Lab File ID: 056F5601.D
Lab Smp Id: LHC1K1AA
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\8141A-1.m
Misc Info:

Calibration Date: 09-AUG-2009
Calibration Time: 20:00
Client Smp ID: SA73-30B
Level: LOW
Sample Type: SOIL

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	836019	418010	1672038	617749	-26.11
39 TOCP	555487	277744	1110974	455299	-18.04

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.72	13.22	14.22	13.73	0.05
39 TOCP	27.08	26.58	27.58	27.08	-0.01

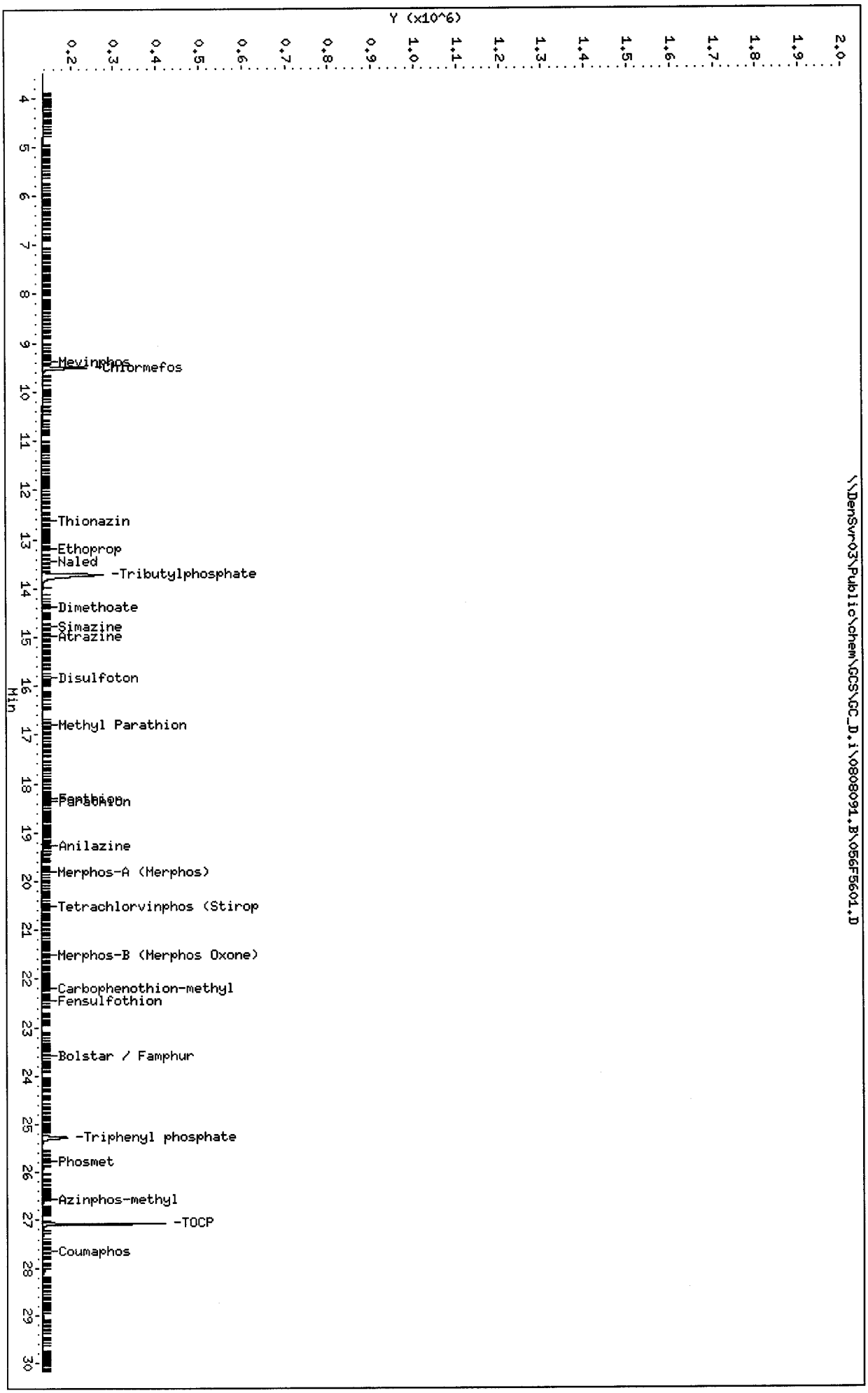
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name: Northgate Environmen31-JUL-2009 00:00 Client SDG: D9G3101
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LHC1K1AA Client Smp ID: SA73-30B
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_D.i\0808091.B\8141A-1.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 4 Chlormefos	69.20	45.87	66.28	59-112
$ 35 Triphenyl phosphat	69.20	80.50	116.32	50-150


Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\056F5601.D
Date : 10-AUG-2009 00:52
Client ID: SA73-30B
Sample Info: LHC1K1AA,187-2
Column phase: RTx-1MS
Instrument: GC_D.i
Operator: MPK/TLW
Column diameter: 0.32
\\DenSvr03\Public\chem\GCS\GC_D.i\0808091.B\056F5601.D
Y (x10^6)
Min
Mevinphos
Chlormefos
Thionazin
Ethoprop
Naled
Tributylphosphate
Dimethoate
Simazine
Atrazine
Disulfoton
Methyl Parathion
Famphur
Anilazine
Merphos-A (Merphos)
Tetrachlorvinphos (Stirop
Merphos-B (Merphos Oxone)
Carbophenothion-methyl
Fensulfothion
Bolstar / Famphur
Triphenyl phosphate
Phosmet
Azinphos-methyl
TOCP
Coumaphos

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\056F5601.D
Lab Smp Id: LHC1K1AA Client Smp ID: SA73-30B
Inj Date : 10-AUG-2009 00:52
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : LHC1K1AA,187-2
Misc Info :
Comment   :
Method   : \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Meth Date : 10-Aug-2009 13:57 williamst Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 Cal File: 009F0901.D
Als bottle: 56
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	28.900	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	12.892	12.885	(0.796)	371819	0.79611	55.09
	4	Mevinphos	Compound Not Detected.					
	5	Demeton-O	Compound Not Detected.					
	6	Thionazin	Compound Not Detected.					
*	7	Tributylphosphate	16.203	16.193	(1.000)	713180	2.00000	
	8	Ethoprop	Compound Not Detected.					
	9	Naled	16.932	16.921	(1.045)	134	0.17084	11.82
	10	Sulfotepp	17.251	17.234	(1.065)	305	5e-004	0.03543(a)
	11	Phorate	Compound Not Detected.					
	12	Demeton-S	Compound Not Detected.					
	13	Simazine	18.406	18.368	(1.136)	62	0.28772	19.91
	14	Atrazine / Propazine	Compound Not Detected.					
	15	Dimethoate	Compound Not Detected.					
	16	Diazinon	Compound Not Detected.					
	17	Disulfoton	Compound Not Detected.					
	18	Methyl Parathion	21.135	21.132	(0.736)	116	0.08696	6.018
	19	Ronnel	Compound Not Detected.					
	20	Malathion	22.496	22.492	(0.784)	85	0.03661	2.534(a)
	21	Chlorpyrifos	Compound Not Detected.					
	22	Trichloronate	Compound Not Detected.					

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	23 Parathion	22.849	22.866	(0.796)	63	0.13140	9.094(a)
	24 Fenthion	Compound Not Detected.					
	25 Merphos-A (Merphos)	23.452	23.472	(0.817)	60	0.12754	8.826
	26 Anilazine	24.465	24.451	(0.852)	94	0.13105	9.070
	27 Tetrachlorvinphos (stirophos)	25.873	25.869	(0.901)	138	0.07877	5.451
	28 Tokuthion	Compound Not Detected.					
	29 Merphos-B (Merphos oxone)	26.187	26.176	(0.912)	78	0.12968	8.974(a)
	30 Carbophenothion methyl	Compound Not Detected.					
	31 Fensulfothion	27.235	27.237	(0.949)	82	0.08850	6.124
	32 Bolstar	Compound Not Detected.					
	33 Carbophenothion	Compound Not Detected.					
	34 Famphur	Compound Not Detected.					
$	35 Triphenyl phosphate	27.935	27.932	(0.973)	276737	1.15178	79.71
	36 EPN	Compound Not Detected.					
	37 Phosmet	28.363	28.366	(0.988)	169	0.05692	3.939
*	38 TOCP	28.706	28.705	(1.000)	555248	2.00000	
	39 Azinphos-methyl	28.812	28.816	(1.004)	310	0.05617	3.887
	40 Azinphos-ethyl	Compound Not Detected.					
	41 Coumaphos	29.445	29.453	(1.026)	627	0.04842	3.351
M	42 Total Demeton	Compound Not Detected.					
M	43 Merphos	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_D.i
Lab File ID: 056F5601.D
Lab Smp Id: LHC1K1AA
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\8141A-2.m
Misc Info:

Calibration Date: 09-AUG-2009
Calibration Time: 20:00
Client Smp ID: SA73-30B
Level: LOW
Sample Type: SOIL

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
7 Tributylphosphate	941095	470548	1882190	713180	-24.22
38 TOCP	681586	340793	1363172	555248	-18.54

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.20	15.70	16.70	16.20	0.00
38 TOCP	28.71	28.21	29.21	28.71	-0.01

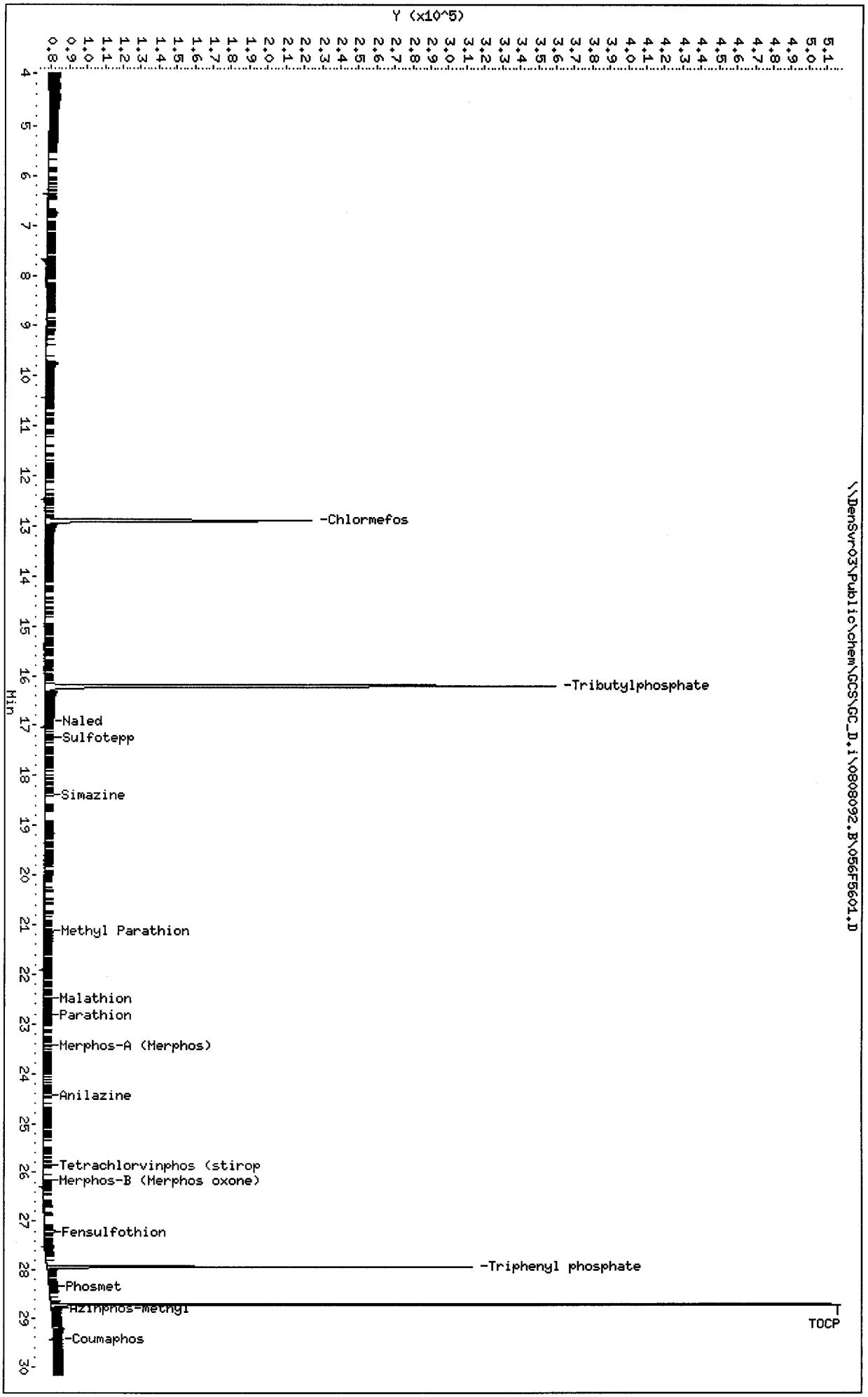
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica

RECOVERY REPORT

Client Name: Northgate Environmen31-JUL-2009 00:00 Client SDG: D9G3101
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LHC1K1AA Client Smp ID: SA73-30B
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_D.i\0808092.B\8141A-2.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 3 Chlormefos	69.20	55.09	79.61	59-112
$ 35 Triphenyl phosphat	69.20	79.71	115.18	50-150



Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\056F5601.D
Date : 10-AUG-2009 00:52
Client ID: SA73-30B
Sample Info: LHC1K1AA,187-2
Column phase: RTx-OPPest

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

\\DenSvr03\Public\chem\GCS\GC_D.i\0808092.B\056F5601.D

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 614
8310 8330 Other HPLC_____

601 602 8021 BTEX
TPH/GRO Other Volatile GC_____

Calibration Date: 080609
Instrument ID: D

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 ≥ 0.990, (DOD projects require r ≥ 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%?			✓	✓	
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%? 8/7/09	✗	✓		✓	Primary Include %R Mevinphos -22.2%, Phorate -18.3%, Simazine +23.5%, Anilazine -37.5%, Carbophenothion-methyl @-33.5% Secondary Include %R Mevinphos -21.1%, Naled -15.9%, Phorate -19.9%, Simazine +38.5%, Anilazine -58.8%, Carbophenothion-methyl -32.6%

1st Level Reviewer: Jessica L. Williams Date: 8/7/09
2nd Level Reviewer: [signature] Date: 8/8/09

Sequence: C:\HPCHEM\2\SEQUENCE\D080609.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	8141 L7 GSV82609				
4	Vial 4	8141 L6 GSV87009				
5	Vial 5	8141 L5 GSV87109				
6	Vial 6	8141 L4 GSV87209				
7	Vial 7	8141 L3 GSV87309				
8	Vial 8	8141 L2 GSV87409				
9	Vial 9	8141 L1 GSV87509				
10	Vial 10	8141 SS GSV87609				
11	Vial 11	GSV0893-09 SURR				
12	Vial 12	GSV0883-09 SPK				
13	Vial 13	LG1WM1AA,MB				
14	Vial 14	LG1WM1AC,LCS				
15	Vial 15	LG1WM1AD,LCSD				
16	Vial 16	LGX0F1AE,167-1				
17	Vial 17	LGX1P1AN,167-2				
18	Vial 18	LG34K1AA,MB				
19	Vial 19	LG34K1AC,LCS				
20	Vial 20	LG34K1AD,LCSD				
21	Vial 21	LG2X51AA,280-1				
22	Vial 22	LG20H1AA,280-2				
23	Vial 23	LG20J1AA,280-3				
24	Vial 24	LG20L1AA,280-4				
25	Vial 25	LG20N1AA,280-5				
26	Vial 26	LG29G1AA,313-1				
27	Vial 27	LG3WP1AA,149-1				
28	Vial 28	LG3XR1AA,158-1				
29	Vial 29	8141 CCV GSV861				
30	Vial 30	LHA0K1AA,MB				
31	Vial 31	LHA0K1AC,LCS				
32	Vial 32	LHA0K1AD,LCSD				
33	Vial 33	LG7XK1AA,180-1				
34	Vial 34	LG7XP1AA,180-2				
35	Vial 35	LG7XQ1AA,180-3				
36	Vial 36	LG7XQ1AC,180-3S				
37	Vial 37	LG7XQ1AD,180-3D				
38	Vial 38	LG7XW1AA,180-4				
39	Vial 39	LG70G1AA,185-1				
40	Vial 40	LHA0P1AA,MB				
41	Vial 41	LHA0P1AC,LCS				
42	Vial 42	LHA0P1AD,LCSD				
43	Vial 43	LG7N31CC,159-1				
44	Vial 44	LG48D1AA,MB				
45	Vial 45	LG48D1AC,LCS				
46	Vial 46	LG48D1AD,LCSD				
47	Vial 47	LG3F51AD,333-9				
48	Vial 48	LG4761AA,MB				
49	Vial 49	LG4761AC,LCS				
50	Vial 50	LG4761AD,LCSD				
51	Vial 51	LG4XL1AA,133-1				
52	Vial 52	8141 CCV GSV861				
53	Vial 53	LG8X21AA,MB				
54	Vial 54	LG8X21AC,LCS				
55	Vial 55	LG8X21AD,LCSD				
56	Vial 56	LG1TK1AA,108-21				
57	Vial 57	LG8TT1AA,MB				
58	Vial 58	LG8TT1AC,LCS				
59	Vial 59	LG2971AA,314-1				

9205278

9206117

9211421

9211426

9208406

9208402

9210504

Sequence: C:\HPCHEM\2\SEQUENCE\D080609.S

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
60	Vial 60	LG3AD1AA,314-2				
61	Vial 61	LG3VM1AA,139-1				
62	Vial 62	LG3VM1AD,139-1S				
63	Vial 63	LG3VM1AE,139-1D				
64	Vial 64	LG3VP1AA,139-2				
65	Vial 65	LG3VR1AA,139-3				
66	Vial 66	8141 CCV GSV861				
67	Vial 67	LG3W11AA,150-1				
68	Vial 68	LG3W21AA,150-2				
69	Vial 69	LG3W31AA,150-3				
70	Vial 70	LG3W51AA,150-4				
71	Vial 71	LHFXR1AA,MB				
72	Vial 72	LHFXR1AC,LCS				
73	Vial 73	LGN2D1CQ,316-5S				
74	Vial 74	LGN2D1CR,316-5D				
75	Vial 75	LGN2D2CN,316-5				
76	Vial 76	LGN2J2CN,316-10				
77	Vial 77	8141 CCV GSV861				
78	Vial 2	HEXANE/ACETONE				

9210468

9215328

Sequence Table (Back Injector):

No entries - empty table!

Report Date : 07-Aug-2009 13:50 Page 1

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Last Edit : 07-Aug-2009 13:45 GC_D.i

Calibration File Names:
Level 1: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\009F0901.D
Level 2: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\008F0801.D
Level 3: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\007F0701.D
Level 4: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\006F0601.D
Level 5: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\005F0501.D
Level 6: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\004F0401.D
Level 7: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.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	182432	420455	908197	1806303	2678940	3532965					
	4488963						QUAD	-0.00185	0.46722	0.02869	0.99856
2 Dichlorvos	0.88775	0.82394	0.83968	0.86756	0.82268	0.85000					
	0.80012						AVRG		0.84168		3.52069
3 Mevinphos	+++++	31592	111446	356823	596188	830977					
	1152906						LINR	0.20087	0.46926		0.99901
5 Thionazin	61338	194202	544011	1140983	1718412	2252008					
	2920220						WLINR	0.03379	1.18951		0.99527

*All weighted linear are $1/x^2$

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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											
6 Demeton-O	30299	63511	157798	301922	460549	581572						
	761277						WLINR	-0.00975	0.92539		0.99395	
7 Ethoprop	42588	199533	491981	1004283	1510941	1955169						
	2505899						WLINR	0.04409	1.07839		0.99207	
8 Naled	9478	41661	162318	361004	602529	777472						
	1127359						QUAD	0.08662	2.45165	-0.13780	0.99888	
10 Sulfotepp	1.56280	1.44519	1.65714	1.68788	1.57081	1.56396						
	1.47299						AVRG		1.56582		5.61879	
11 Phorate	1.13644	0.95432	1.14044	1.07117	0.99690	0.98879						
	0.92922						AVRG		1.03104		8.29536	
12 Dimethoate	+++++	59892	356039	877602	1446366	1934346						
	2590760						WLINR	0.17667	1.10316		0.99682	
13 Demeton-S	421	101878	285098	598857	888508	1152288						
	1490677						LINR	0.00806	0.86060		0.99287	<-

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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
14 Simazine	+++++	48256	174622	313833	493520	631700	804726	QUAD	0.10651	2.04581	1.46981	0.99811
15 Atrazine	+++++	56963	206785	417568	667495	887166	1175975	WLINR	0.09612	0.48853		0.99171
16 propazine	+++++	0.35592	0.47135	0.45861	0.45434	0.46102	0.44356	AVRG		0.44080		9.65392
17 Disulfoton	48155	167271	445811	956556	1440699	1882342	2454335	WLINR	0.04123	1.45920		0.99632
18 Diazinon	122906	248611	519628	1016692	1526415	1969776	2542893	WLINR	-0.05341	1.44136		0.99767
19 Methyl Parathion	40155	137375	334656	727074	1132305	1471875	1968772	WLINR	0.03631	1.12970		0.99901
20 Ronnel	1.03546	1.01940	1.14102	1.20523	1.19683	1.22965	1.20553	AVRG		1.14759		7.53685

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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	0.86188	0.91387	1.07877	1.08977	1.04406	1.03997						
	0.98036						AVRG		1.00124		8.61800	
22 Fenthion	49230	134570	363139	790291	1222175	1589817						
	2105793						WLINR	0.02987	1.20261		0.99507	
23 Parathion	+++++	117278	333400	780379	1232087	1621434						
	2156342						WLINR	0.09066	1.27814		0.99835	
24 Chlorpyrifos	+++++	265889	506108	926482	1387727	1798423						
	2373426						WLINR	-0.10926	1.27881		0.99829	
25 Trichloronate	1.46832	1.29281	1.40677	1.46387	1.44859	1.47665						
	1.43014						AVRG		1.42673		4.47196	
26 Anilazine	413	937	23197	62364	109906	153137						
	224347						LINR	0.20138	0.12922		0.99583	<-
27 Merphos-A (Merphos)	27686	102703	274971	619861	975630	1320113						
	1714293						WLINR	0.05196	0.98235		0.99735	

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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
28 Tetrachlorvinphos (Stirophos)	27000	86949	229899	510754	821547	1111793	1539127	WLINR	0.04531	0.82719		0.99642
29 Tokuthion	1.37786	1.22539	1.38006	1.40966	1.37398	1.39384	1.33792	AVRG		1.35696		4.56962
30 Merphos-B (Merphos Oxone)	49732	78157	159629	271041	371990	422425	528766	QUAD	0.06346	0.59850	3.86180	0.99854
31 Carbophenothion-methyl	29119	99151	280480	618555	972242	1285762	1741313	WLINR	0.04987	0.97720		0.99632
32 Fensulfothion	+++++	53776	214899	563535	876396	1172734	1592051	WLINR	0.15154	0.96497		0.99770
33 Bolstar / Famphur	97513	282731	741469	1568236	2416510	3128382	4156553	WLINR	0.05716	1.19757		0.99670
34 Carbophenothion	1.08187	1.03600	1.15360	1.13412	1.10854	1.10645	1.06490	AVRG		1.09793		3.67689

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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										
36 Phosmet	25548	91979	268843	595984	916951	1218253					
	1647305						WLINR	0.05412	0.93334		0.99580
37 EPN	1.04741	1.13202	1.22186	1.20575	1.11750	1.12936					
	1.05270						AVRG		1.12952		5.95345
38 Azinphos-methyl	25233	73949	233826	545683	862799	1158610					
	1592084						LINR	0.07569	0.89630		0.99930
40 Azinphos-ethyl	1.20072	0.93049	1.06940	1.04526	1.02814	1.02319					
	0.97822						AVRG		1.03935		8.14067
41 Coumaphos	33445	95853	261325	569489	895805	1188819					
	1602651						WLINR	0.03646	0.89074		0.99560
M 42 Total Demeton	30720	165389	442896	900779	1349057	1733860					
	2251954						WLINR	0.05788	1.41556		0.99198
M 43 Merphos	1.39750	1.23094	1.38907	1.38298	1.31717	1.31436					
	1.21510						AVRG		1.32102		5.67433

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Last Edit : 07-Aug-2009 13:45 GC_D.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	1.70854	1.55109	1.63649	1.61328	1.45247	1.46197					
	1.36788						AVRG		1.54167		7.79134
$ 35 Triphenyl phosphate	0.74982	0.81969	0.94206	0.95098	0.90064	0.90309					
	0.84340						AVRG		0.87281		8.28995

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Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Linear	Amt = b + 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: 07-Aug-2009 13:50

Calibration History

Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Start Cal Date: 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Last Cal Level: 1
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 0.20000		
06-AUG-2009 18:34	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\009F0901.D
Cal Level: 2 , Cal Amount: 0.50000		
06-AUG-2009 17:58	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\008F0801.D
Cal Level: 3 , Cal Amount: 1.00000		
06-AUG-2009 17:21	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\007F0701.D
Cal Level: 4 , Cal Amount: 2.00000		
06-AUG-2009 16:45	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\006F0601.D
Cal Level: 5 , Cal Amount: 3.00000		
06-AUG-2009 16:08	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\005F0501.D
Cal Level: 6 , Cal Amount: 4.00000		
06-AUG-2009 15:32	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\004F0401.D
Cal Level: 7 , Cal Amount: 5.00000		
06-AUG-2009 14:56	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\003F0301.D

Continuing Calibration

Ccal Level Mode: BY SAMPLE

06-AUG-2009 19:10	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\010F1001.D
07-AUG-2009 06:42	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\029F2901.D
06-AUG-2009 16:08	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\005F0501.D

Report Date : 07-Aug-2009 13:44

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.i

Calibration File Names:
Level 1: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\009F0901.D
Level 2: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\008F0801.D
Level 3: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\007F0701.D
Level 4: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\006F0601.D
Level 5: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\005F0501.D
Level 6: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\004F0401.D
Level 7: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.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	2.29043	1.90123	1.95130	1.88382	1.73356	1.73918					
	1.59199						AVRG		1.87022		11.90741
2 Dichlorvos	0.89869	0.78758	0.82805	0.86014	0.82558	0.85108					
	0.78454						AVRG		0.83367		4.86412
4 Mevinphos	26181	90159	249277	555210	847872	1096662					
	1418878						LINR	0.02241	0.52291		0.99690
5 Demeton-O	0.74959	0.68467	0.79510	0.82182	0.78659	0.77064					
	0.74831						AVRG		0.76525		5.74609

* All weighted linear are $1/x^2$

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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										
6 Thionazin	1.14565	1.08329	1.20126	1.20198	1.13145	1.12656					
	1.04660						AVRG		1.13382		5.03485
8 Ethoprop	150814	267910	555560	1095403	1622717	2051405					
	2583304						WLINR	-0.08621	0.93634		0.99376
9 Naled	12427	47634	159760	373106	617906	787967					
	1131291						QUAD	0.08493	2.59831	-0.16856	0.99915
10 Sulfotepp	1.76900	1.56005	1.81850	1.75939	1.64614	1.63203					
	1.51002						AVRG		1.67073		6.89125
11 Phorate	1.08434	0.83104	0.84616	0.84084	0.79408	0.78203					
	0.73702						AVRG		0.84507		13.29300
12 Demeton-S	0.62408	0.72296	0.82414	0.81846	0.80405	0.81520					
	0.76672						AVRG		0.76794		9.50535
13 Simazine	6499	15934	82213	217050	364617	492868					
	674577						LINR	0.14352	0.25284		0.99829

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.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 / Propazine	0.45307	0.43687	0.46450	0.46986	0.45749	0.47026					
	0.46112						AVRG		0.45903		2.52599
15 Dimethoate	62417	178809	484895	1037511	1616390	2052825					
	2698083						WLINR	0.03026	1.00403		0.99496
16 Diazinon	1.12790	0.98078	1.05404	1.02017	0.94993	0.93374					
	0.87260						AVRG		0.99131		8.50540
17 Disulfoton	1.04034	0.96498	1.05301	1.04708	0.99340	0.98440					
	0.92562						AVRG		1.00126		4.77046
18 Methyl Parathion	40092	130034	351856	753320	1163940	1488025					
	1936768						WLINR	0.04327	0.99949		0.99615
19 Ronnel	1.29240	1.09578	1.15751	1.15464	1.14108	1.15310					
	1.09180						AVRG		1.15519		5.76214
20 Malathion	52293	150756	354820	728530	1103657	1406900					
	1824966						WLINR	0.01814	0.94549		0.99782

Table of Contents

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.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
21 Chlorpyrifos	60489	169871	394413	832490	1290170	1671357	2210724	WLINR	0.02011	1.09999		0.99883
22 Trichloronate	66017	196799	455989	1021736	1622974	2093978	2890038	WLINR	0.03235	1.38094		0.99763
23 Parathion	66767	175066	440954	893471	1339063	1741701	2140679	QUAD	0.06563	0.65024	0.10357	0.99479
24 Fenthion	89878	206817	455004	922040	1408001	1789955	2341329	WLINR	-0.01244	1.16987		0.99827
25 Merphos-A (Merphos)	23197	104851	277563	631476	1003697	1339983	1728719	WLINR	0.06365	0.87639		0.99746
26 Anilazine	3273	10789	27039	64885	101616	129151	195793	WLINR	0.06368	0.09179		0.99697
27 Tetrachlorvinphos (stirophos)	35965	97796	256768	576694	925221	1220938	1682420	WLINR	0.03907	0.79183		0.99222

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.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 Tokuthion	1.22601	1.12742	1.27127	1.32225	1.30944	1.33086	1.26727	AVRG		1.26493		5.59788
29 Merphos-B (Merphos oxone)	58022	96740	174313	293170	395538	439795	547067	QUAD	0.06477	0.52377	4.80248	0.99795
30 Carbophenothion methyl	0.75736	0.75717	0.89847	0.94809	0.94520	0.96010	0.92358	AVRG		0.88428		10.06653
31 Fensulfothion	31957	101238	280688	603115	932760	1195644	1541611	WLINR	0.04406	0.79919		0.99507
32 Bolstar	1.35003	1.19068	1.27553	1.24212	1.18136	1.16644	1.06951	AVRG		1.21081		7.36840
33 Carbophenothion	0.99270	0.91157	1.03031	1.05279	1.04016	1.05422	1.00258	AVRG		1.01205		4.96052
34 Famphur	0.81755	0.80571	0.96709	1.00392	0.96583	0.98385	0.92956	AVRG		0.92479		8.70957

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.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 EPN	1.02676	0.93500	1.04721	1.04625	0.99870	0.98619					
	0.90816						AVRG		0.99261		5.44915
37 Phosmet	42368	114720	302493	636769	974935	1249688					
	1655568						WLINR	0.02810	0.83340		0.99564
39 Azinphos-methyl	37094	89923	240868	524807	823806	1072140					
	1429834						WLINR	0.02728	0.69625		0.99187
40 Azinphos-ethyl	0.69495	0.65912	0.76659	0.77776	0.74616	0.73804					
	0.69568						AVRG		0.72547		5.96411
41 Coumaphos	37102	91236	236130	504566	780746	1021332					
	1373774						WLINR	0.02252	0.66605		0.99432
M 42 Total Demeton	56597	167552	404997	836927	1295869	1672111					
	2162260						WLINR	0.02537	1.10859		0.99819
M 43 Merphos	81219	201591	451876	924646	1399235	1779778					
	2275786						WLINR	-0.00193	1.17315		0.99761

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.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	118440	285008	643087	1328045	2008587	2624051					
	3329933						LINR	-0.03570	1.20195		0.99676
$ 35 Triphenyl phosphate	0.91508	0.82368	0.91619	0.91274	0.86631	0.85066					
	0.77349						AVRG		0.86545		6.27482

TestAmerica

INITIAL CALIBRATION DATA

Start Cal Date : 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Quant Method : ISTD
Target Version : 4.14
Integrator : Falcon
Method file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Last Edit : 07-Aug-2009 13:44 GC_D.i

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Linear	Amt = b + 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: 07-Aug-2009 13:44

Calibration History

Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Start Cal Date: 06-AUG-2009 14:56
End Cal Date : 06-AUG-2009 18:34
Last Cal Level: 1
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 0.20000		
06-AUG-2009 18:34	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\009F0901.D
Cal Level: 2 , Cal Amount: 0.50000		
06-AUG-2009 17:58	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\008F0801.D
Cal Level: 3 , Cal Amount: 1.00000		
06-AUG-2009 17:21	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\007F0701.D
Cal Level: 4 , Cal Amount: 2.00000		
06-AUG-2009 16:45	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\006F0601.D
Cal Level: 5 , Cal Amount: 3.00000		
06-AUG-2009 16:08	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\005F0501.D
Cal Level: 6 , Cal Amount: 4.00000		
06-AUG-2009 15:32	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\004F0401.D
Cal Level: 7 , Cal Amount: 5.00000		
06-AUG-2009 14:56	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\003F0301.D

Continuing Calibration

Ccal Level Mode: BY SAMPLE

06-AUG-2009 19:10	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\010F1001.D
06-AUG-2009 16:45	8141A	\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\006F0601.D

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/010F1001.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

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

Injection Date: 06-AUG-2009 19:10
Lab Sample ID: 8141 SS GSV87609
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.0000	2.2402	12.0	15.0	
2	Dichlorvos	2.0000	2.0361	1.8	15.0	
3	Mevinphos	2.0000	1.5564	22.2	15.0	<-
4	Chlormefos	2.0000	1.7365	13.2	15.0	
5	Thionazin	2.0000	2.2350	11.8	15.0	
6	Demeton-O	0.6500	2.0253	211.6	15.0	<- ok, see total demeton
7	Ethoprop	2.0000	1.9936	0.3	15.0	
8	Naled	2.0000	1.7057	14.7	15.0	
9	Sulfotepp	2.0000	1.9680	1.6	15.0	
10	Phorate	2.0000	1.6336	18.3	15.0	<-
11	Dimethoate	2.0000	2.1822	9.1	15.0	
12	Demeton-S	1.3600	0.2056	84.9	15.0	<- ok, see total demeton
13	Simazine	2.0000	2.4694	23.5	15.0	<-
14	Atrazine	2.0000	2.1611	8.1	15.0	
15	propazine	2.0000	2.1931	9.7	15.0	
17	Disulfoton	2.0000	1.9744	1.3	15.0	
16	Diazinon	2.0000	1.8671	6.6	15.0	
18	Methyl Parathion	2.0000	1.9703	1.5	15.0	
19	Ronnel	2.0000	2.0637	3.2	15.0	
20	Malathion	2.0000	1.9362	3.2	15.0	
21	Fenthion	2.0000	1.9060	4.7	15.0	
22	Parathion	2.0000	2.0598	3.0	15.0	
23	Chlorpyrifos	2.0000	1.9775	1.1	15.0	
24	Trichloronate	2.0000	1.8094	9.5	15.0	
25	Anilazine	2.0000	1.2499	37.5	15.0	<-
148	Merphos-A (Merphos)	2.0000	0.2980	85.1	999.0	
26	Tetrachlorvinphos (Stirophos)	2.0000	1.8887	5.6	15.0	
28	Tokuthion	2.0000	1.9432	2.8	15.0	
149	Merphos-B (Merphos Oxone)	2.0000	11.8778	493.9	999.0	
29	Carbophenothion-methyl	2.0000	1.3305	33.5	15.0	<-
29	Fensulfothion	2.0000	1.9661	1.7	15.0	
30	Bolstar / Famphur	4.0000	4.2423	6.1	15.0	
32	Carbophenothion	2.0000	2.1165	5.8	15.0	
31	Triphenyl phosphate	2.0000	1.8485	7.6	15.0	
34	Phosmet	2.0000	2.2723	13.6	15.0	
32	EPN	2.0000	2.2096	10.5	15.0	
33	Azinphos-methyl	2.0000	1.8506	7.5	15.0	
38	Azinphos-ethyl	2.0000	2.0552	2.8	15.0	
36	Coumaphos	2.0000	1.9367	3.2	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/010F1001.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

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

Injection Date: 06-AUG-2009 19:10
Lab Sample ID: 8141 SS GSV87609
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
40 Total Demeton	2.0000	2.2310	11.5	15.0
27 Merphos	2.0000	1.8981	5.1	15.0

Average %D = 29.5

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B/010F1001.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

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

Injection Date: 06-AUG-2009 19:10
Lab Sample ID: 8141 SS GSV87609
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	2.0000	2.1425	7.1	15.0	
2	Dichlorvos	2.0000	1.9878	0.6	15.0	
3	Chlormefos	2.0000	1.6927	15.4	15.0	<- OK
4	Mevinphos	2.0000	1.5781	21.1	15.0	<-
5	Demeton-O	0.6500	2.0683	218.2	15.0	<- ok, see total demeton
6	Thionazin	2.0000	2.2135	10.7	15.0	
7	Ethoprop	2.0000	1.9677	1.6	15.0	
10	Naled	2.0000	1.6813	15.9	15.0	<-
145	Sulfotepp	2.0000	1.8424	7.9	15.0	
8	Phorate	2.0000	1.6013	19.9	15.0	<-
15	Demeton-S	1.3600	0.0935	93.1	15.0	<- ok, see total demeton
10	Simazine	2.0000	2.7702	38.5	15.0	<-
13	Atrazine / Propazine	4.0000	4.2316	5.8	15.0	
16	Dimethoate	2.0000	2.1608	8.0	15.0	
11	Diazinon	2.0000	1.8234	8.8	15.0	
14	Disulfoton	2.0000	1.9546	2.3	15.0	
23	Methyl Parathion	2.0000	1.9650	1.7	15.0	
17	Ronnel	2.0000	1.9361	3.2	15.0	
24	Malathion	2.0000	1.8572	7.1	15.0	
18	Chlorpyrifos	2.0000	1.9742	1.3	15.0	
20	Trichloronate	2.0000	1.7303	13.5	15.0	
26	Parathion	2.0000	2.0441	2.2	15.0	
19	Fenthion	2.0000	1.9107	4.5	15.0	
151	Merphos-A (Merphos)	2.0000	0.2815	85.9	999.0	
21	Anilazine	2.0000	0.8232	58.8	15.0	<-
27	Tetrachlorvinphos (stirophos)	2.0000	1.8642	6.8	15.0	
25	Tokuthion	2.0000	1.9613	1.9	15.0	
148	Merphos-B (Merphos oxone)	2.0000	11.9171	495.9	999.0	
28	Carbophenothion methyl	2.0000	1.3477	32.6	15.0	<-
30	Fensulfothion	2.0000	1.9468	2.7	15.0	
28	Bolstar	2.0000	1.9885	0.6	15.0	
30	Carbophenothion	2.0000	2.1111	5.6	15.0	
33	Famphur	2.0000	2.2821	14.1	15.0	
29	Triphenyl phosphate	2.0000	1.7892	10.5	15.0	
32	EPN	2.0000	2.1924	9.6	15.0	
34	Phosmet	2.0000	2.2747	13.7	15.0	
34	Azinphos-methyl	2.0000	1.8178	9.1	15.0	
35	Azinphos-ethyl	2.0000	2.1653	8.3	15.0	
36	Coumaphos	2.0000	1.8960	5.2	15.0	

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B/010F1001.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

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

Injection Date: 06-AUG-2009 19:10
Lab Sample ID: 8141 SS GSV87609
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
40 Total Demeton	2.0000	2.1617	8.1	15.0
22 Merphos	2.0000	1.9093	4.5	15.0

Average %D = 31.3

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\003F0301.D
Lab Smp Id: 8141 L7 GSV82609 Client Smp ID: 8141 L7 GSV82609
Inj Date : 06-AUG-2009 14:56
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L7 GSV82609
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Meth Date : 07-Aug-2009 13:45 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 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	4.337	4.267	(0.316)	4488963	5.00000	4.934(M)
	2 Dichlorvos	5.900	5.865	(0.430)	2137554	5.00000	4.753
	3 Mevinphos	9.419	9.407	(0.687)	1152906	5.00000	5.000(A)
$	4 Chlormefos	9.511	9.502	(0.694)	3654328	5.00000	4.436
	5 Thionazin	12.625	12.625	(0.921)	2920220	5.00000	4.662
	6 Demeton-O	12.876	12.876	(0.939)	761277	1.62500	1.520
	7 Ethoprop	13.201	13.205	(0.963)	2505899	5.00000	4.437
	8 Naled	13.481	13.482	(0.983)	1127359	5.00000	5.039(A)
*	9 Tributylphosphate	13.709	13.714	(1.000)	1068614	2.00000	
	10 Sulfotepp	14.143	14.143	(1.032)	3935138	5.00000	4.704
	11 Phorate	14.227	14.227	(1.038)	2482436	5.00000	4.506
	12 Dimethoate	14.399	14.416	(1.050)	2590760	5.00000	4.749
	13 Demeton-S	14.679	14.682	(1.071)	1490677	3.40000	3.258
	14 Simazine	14.779	14.783	(1.078)	804726	5.00000	4.961
	15 Atrazine	14.996	14.997	(1.094)	1175975	5.00000	4.697
	16 propazine	15.177	15.178	(1.107)	1184985	5.00000	5.031(A)
	17 Disulfoton	15.864	15.866	(0.586)	2454335	5.00000	4.638
	18 Diazinon	15.933	15.934	(0.588)	2542893	5.00000	4.672
	19 Methyl Parathion	16.827	16.829	(0.622)	1968772	5.00000	4.793
	20 Ronnel	17.454	17.456	(0.645)	2225399	5.00000	5.252(A)
	21 Malathion	18.133	18.134	(0.670)	1809734	5.00000	4.896
	22 Fenthion	18.283	18.284	(0.675)	2105793	5.00000	4.802
	23 Parathion	18.389	18.392	(0.679)	2156342	5.00000	4.751
	24 Chlorpyrifos	18.450	18.451	(0.681)	2373426	5.00000	4.808
	25 Trichloronate	18.957	18.958	(0.700)	2640021	5.00000	5.012(A)
	26 Anilazine	19.339	19.345	(0.714)	224347	5.00000	5.105(A)
	27 Merphos-A (Merphos)	19.800	19.804	(0.731)	1714293	5.00000	4.831
	28 Tetrachlorvinphos (Stirophos)	20.527	20.532	(0.758)	1539127	5.00000	5.130(A)
	29 Tokuthion	21.278	21.278	(0.786)	2469788	5.00000	4.930
	30 Merphos-B (Merphos Oxone)	21.532	21.536	(0.795)	528766	5.00000	4.945
	31 Carbophenothion-methyl	22.252	22.254	(0.822)	1741313	5.00000	4.926
	32 Fensulfothion	22.449	22.465	(0.829)	1592051	5.00000	4.772
	33 Bolstar / Famphur	23.624	23.627	(0.873)	4156553	10.0000	9.716

		Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34	Carbophenothion	23.946	23.947	(0.884)	1965799	5.00000	4.850
$	35	Triphenyl phosphate	25.268	25.270	(0.933)	1556913	5.00000	4.832(A)
	36	Phosmet	25.764	25.769	(0.952)	1647305	5.00000	4.889
	37	EPN	26.095	26.097	(0.964)	1943280	5.00000	4.660
	38	Azinphos-methyl	26.579	26.584	(0.982)	1592084	5.00000	4.962
*	39	TOCP	27.074	27.076	(1.000)	738395	2.00000	
	40	Azinphos-ethyl	27.167	27.172	(1.003)	1805786	5.00000	4.706
	41	Coumaphos	27.689	27.694	(1.023)	1602651	5.00000	4.946
M	42	Total Demeton				2251954	5.00000	4.778
M	43	Merphos				2243059	5.00000	4.599

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_D.i
Lab File ID: 003F0301.D
Lab Smp Id: 8141 L7 GSV82609
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Misc Info:

Calibration Date: 07-AUG-2009
Calibration Time: 06:42
Client Smp ID: 8141 L7 GSV8260
Level:
Sample Type:

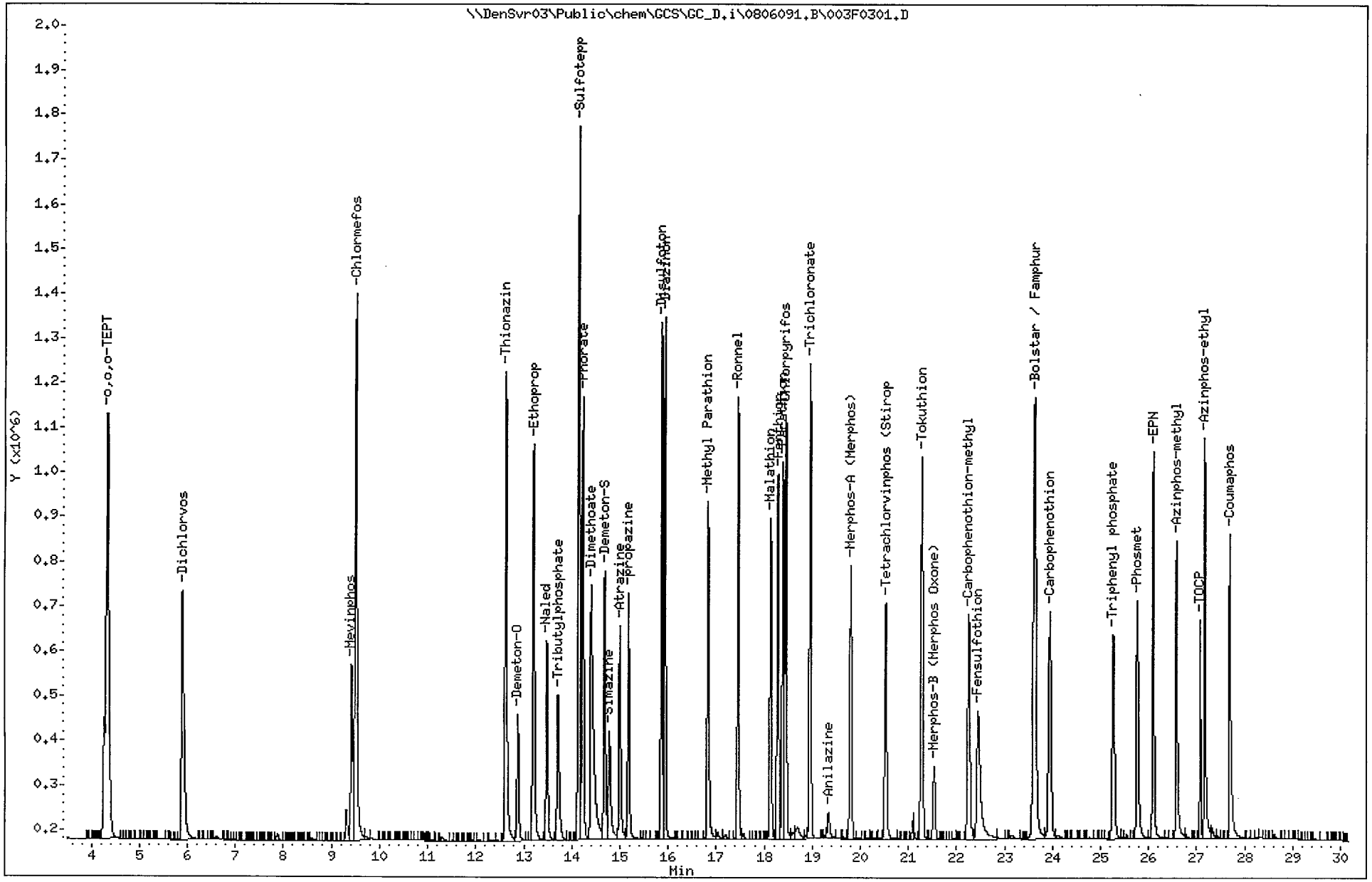
		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	1034306	517153	2068612	1068614	3.32
39 TOCP	695324	347662	1390648	738395	6.19

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.70	13.20	14.20	13.71	0.08
39 TOCP	27.08	26.58	27.58	27.07	-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_D.i\0806091.B\003F0301.D
Date : 06-AUG-2009 14:56
Client ID: 8141 L7 GSV82609
Sample Info: 8141 L7 GSV82609

Instrument: GC_D.i
Operator: MPK/TLW
Column phase: RTx-1MS
Column diameter: 0.32



Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/003F0301.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

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

Injection Date: 06-AUG-2009 14:56
Lab Sample ID: 8141 L7 GSV82609
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	3.0000	4.3142	43.8	15.0	<-
2	Dichlorvos	3.0000	4.7548	58.5	15.0	<-
3	Mevinphos	3.0000	5.2491	75.0	15.0	<-
4	Chlormefos	3.0000	4.3776	45.9	15.0	<-
5	Thionazin	3.0000	4.6629	55.4	15.0	<-
6	Demeton-O	0.9750	1.4314	46.8	15.0	<-
7	Ethoprop	3.0000	4.4386	48.0	15.0	<-
8	Naled	3.0000	5.2235	74.1	15.0	<-
9	Sulfotepp	3.0000	4.7291	57.6	15.0	<-
10	Phorate	3.0000	4.7224	57.4	15.0	<-
11	Dimethoate	3.0000	4.9039	63.5	15.0	<-
12	Demeton-S	2.0400	3.8555	89.0	15.0	<-
13	Simazine	3.0000	4.5722	52.4	15.0	<-
14	Atrazine	3.0000	4.8477	61.6	15.0	<-
15	propazine	3.0000	4.8465	61.5	15.0	<-
17	Disulfoton	3.0000	4.7214	57.4	15.0	<-
16	Diazinon	3.0000	4.1907	39.7	15.0	<-
18	Methyl Parathion	3.0000	4.7872	59.6	15.0	<-
19	Ronnel	3.0000	4.9720	65.7	15.0	<-
20	Malathion	3.0000	4.8957	63.2	15.0	<-
21	Fenthion	3.0000	4.8025	60.1	15.0	<-
22	Parathion	3.0000	4.7976	59.9	15.0	<-
23	Chlorpyrifos	3.0000	4.8434	61.4	15.0	<-
24	Trichloronate	3.0000	4.9307	64.4	15.0	<-
25	Anilazine	3.0000	4.9899	66.3	15.0	<-
148	Merphos-A (Merphos)	3.0000	4.9039	63.5	999.0	
26	Tetrachlorvinphos (Stirophos)	3.0000	4.9673	65.6	15.0	<-
28	Tokuthion	3.0000	4.9299	64.3	15.0	<-
149	Merphos-B (Merphos Oxone)	3.0000	3.0113	0.4	999.0	
29	Carbophenothion-methyl	3.0000	4.7224	57.4	15.0	<-
29	Fensulfothion	3.0000	4.8806	62.7	15.0	<-
30	Bolstar / Famphur	6.0000	11.5025	91.7	15.0	<-
32	Carbophenothion	3.0000	4.8378	61.3	15.0	<-
31	Triphenyl phosphate	3.0000	4.8315	61.1	15.0	<-
34	Phosmet	3.0000	6.9503	131.7	15.0	<-
32	EPN	3.0000	4.6600	55.3	15.0	<-
33	Azinphos-methyl	3.0000	4.9247	64.2	15.0	<-
38	Azinphos-ethyl	3.0000	4.8442	61.5	15.0	<-
36	Coumaphos	3.0000	6.0607	102.0	15.0	<-

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/003F0301.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

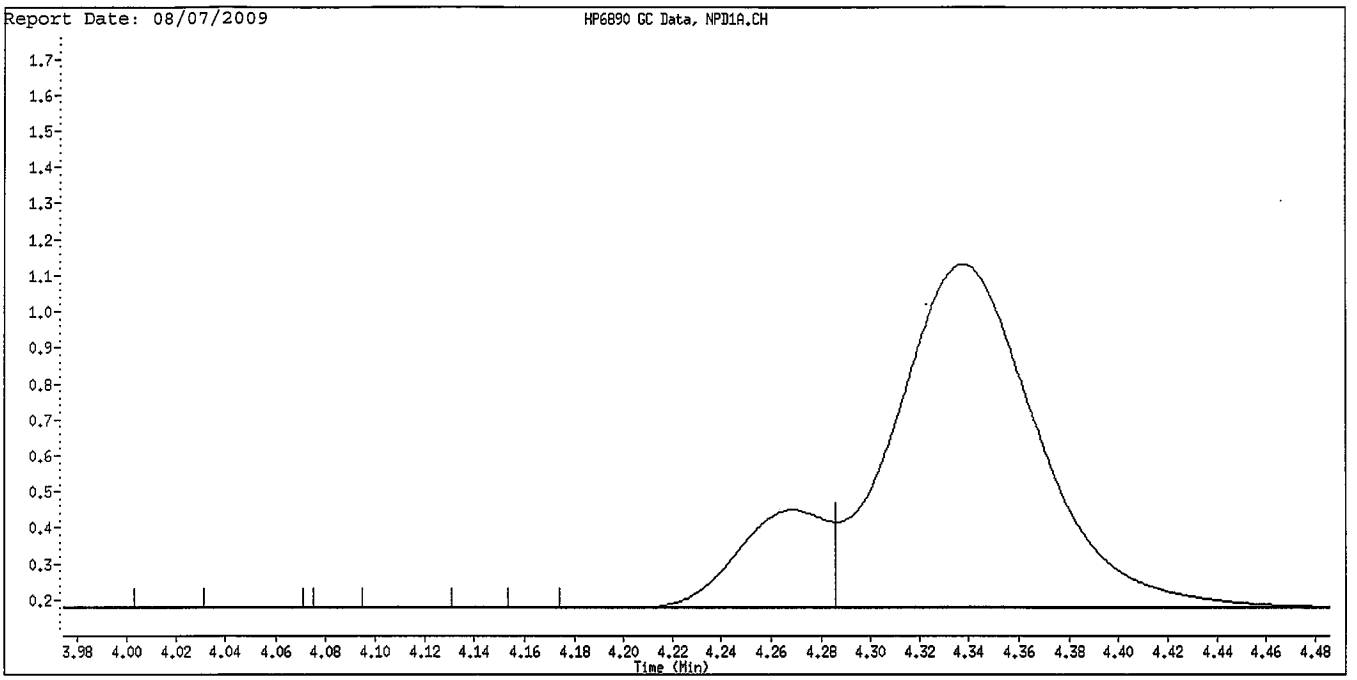
Instrument ID: GC_D.i
Lab File ID: 003F0301.D
Analysis Type: NONE

Injection Date: 06-AUG-2009 14:56
Lab Sample ID: 8141 L7 GSV82609
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

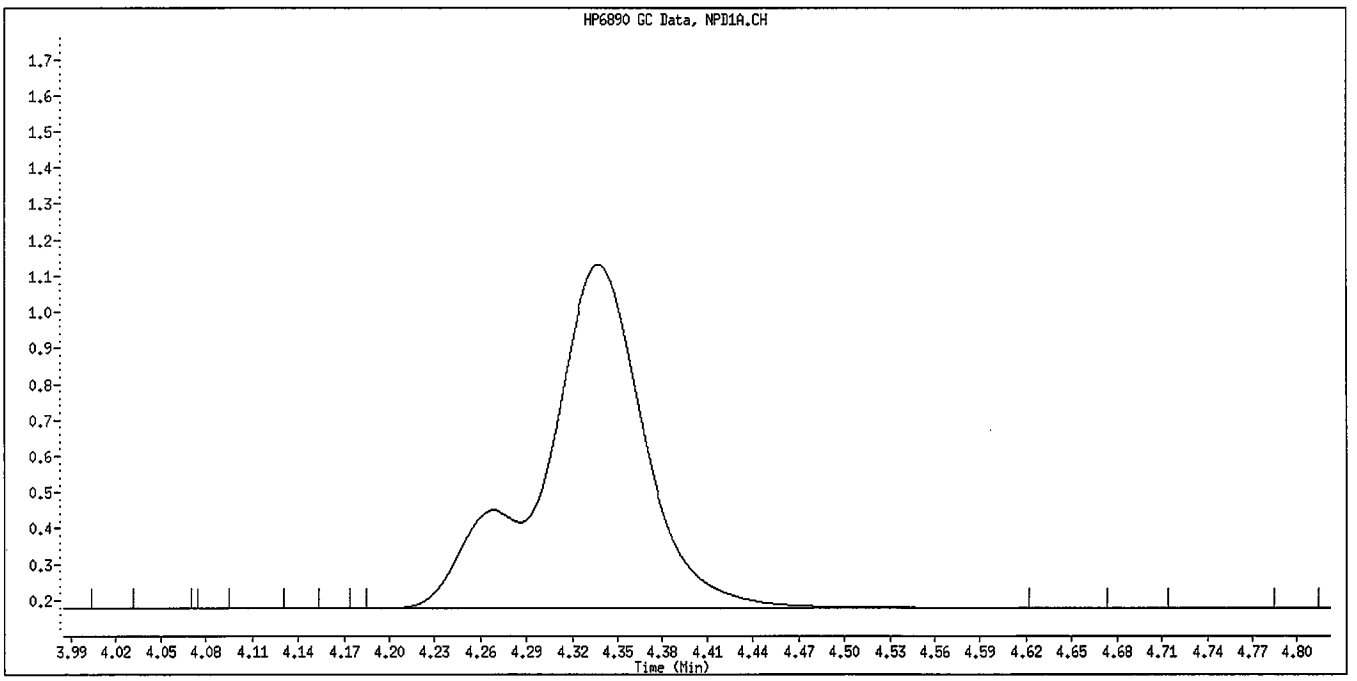
COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
40 Total Demeton	3.0000	5.2869	76.2	15.0	<-
27 Merphos	3.0000	4.5897	53.0	15.0	<-

Average %D = 62.4

Data File Name: 003F0301.D
Inj. Date and Time: 06-AUG-2009 14:56
Instrument ID: GC_D.i
Client ID: 8141 L7 GSV82609
Compound Name: o,o,o-TEPT
CAS #:



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\004F0401.D
Lab Smp Id: 8141 L6 GSV87009 Client Smp ID: 8141 L6 GSV87009
Inj Date : 06-AUG-2009 15:32
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L6 GSV87009
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Meth Date : 07-Aug-2009 13:45 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 14:56 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	4.265	4.267	(0.311)	3532965	4.00000	4.127(M)
	2 Dichlorvos	5.865	5.865	(0.428)	1660351	4.00000	4.040
	3 Mevinphos	9.405	9.407	(0.686)	830977	4.00000	4.028
$	4 Chlormefos	9.502	9.502	(0.693)	2855746	4.00000	3.793
	5 Thionazin	12.623	12.625	(0.921)	2252008	4.00000	3.944
	6 Demeton-O	12.876	12.876	(0.939)	581572	1.30000	1.267
	7 Ethoprop	13.201	13.205	(0.963)	1955169	4.00000	3.801
	8 Naled	13.480	13.482	(0.983)	777472	4.00000	3.902
*	9 Tributylphosphate	13.712	13.714	(1.000)	976680	2.00000	
	10 Sulfotepp	14.142	14.143	(1.031)	3054969	4.00000	3.995
	11 Phorate	14.227	14.227	(1.038)	1931467	4.00000	3.836
	12 Dimethoate	14.402	14.416	(1.050)	1934346	4.00000	3.944
	13 Demeton-S	14.677	14.682	(1.070)	1152288	2.72000	2.758
	14 Simazine	14.777	14.783	(1.078)	631700	4.00000	4.089
	15 Atrazine	14.995	14.997	(1.094)	887166	4.00000	3.911
	16 propazine	15.177	15.178	(1.107)	900547	4.00000	4.184
	17 Disulfoton	15.864	15.866	(0.586)	1882342	4.00000	3.974
	18 Diazinon	15.932	15.934	(0.588)	1969776	4.00000	4.016
	19 Methyl Parathion	16.828	16.829	(0.622)	1471875	4.00000	4.004
	20 Ronnel	17.454	17.456	(0.645)	1630230	4.00000	4.286
	21 Malathion	18.132	18.134	(0.670)	1378757	4.00000	4.155
	22 Fenthion	18.282	18.284	(0.675)	1589817	4.00000	4.048
	23 Parathion	18.388	18.392	(0.679)	1621434	4.00000	4.009
	24 Chlorpyrifos	18.448	18.451	(0.681)	1798423	4.00000	4.024
	25 Trichloronate	18.957	18.958	(0.700)	1957701	4.00000	4.140
	26 Anilazine	19.340	19.345	(0.714)	153137	4.00000	3.978
	27 Merphos-A (Merphos)	19.800	19.804	(0.731)	1320113	4.00000	4.158
	28 Tetrachlorvinphos (Stirophos)	20.527	20.532	(0.758)	1111793	4.00000	4.146
	29 Tokuthion	21.277	21.278	(0.786)	1847909	4.00000	4.109
	30 Merphos-B (Merphos Oxone)	21.532	21.536	(0.795)	422425	4.00000	4.026
	31 Carbophenothion-methyl	22.252	22.254	(0.822)	1285762	4.00000	4.070
	32 Fensulfothion	22.458	22.465	(0.829)	1172734	4.00000	3.970
	33 Bolstar / Famphur	23.623	23.627	(0.872)	3128382	8.00000	7.996

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	23.944	23.947	(0.884)	1466904	4.00000	4.031
$	35 Triphenyl phosphate	25.271	25.270	(0.933)	1197295	4.00000	4.139(A)
	36 Phosmet	25.766	25.769	(0.952)	1218253	4.00000	4.046
	37 EPN	26.097	26.097	(0.964)	1497280	4.00000	3.999
	38 Azinphos-methyl	26.581	26.584	(0.982)	1158610	4.00000	4.051
*	39 TOCP	27.076	27.076	(1.000)	662886	2.00000	
	40 Azinphos-ethyl	27.169	27.172	(1.003)	1356516	4.00000	3.938
	41 Coumaphos	27.690	27.694	(1.023)	1188819	4.00000	4.100
M	42 Total Demeton				1733860	4.00000	4.025
M	43 Merphos				1742538	4.00000	3.980

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

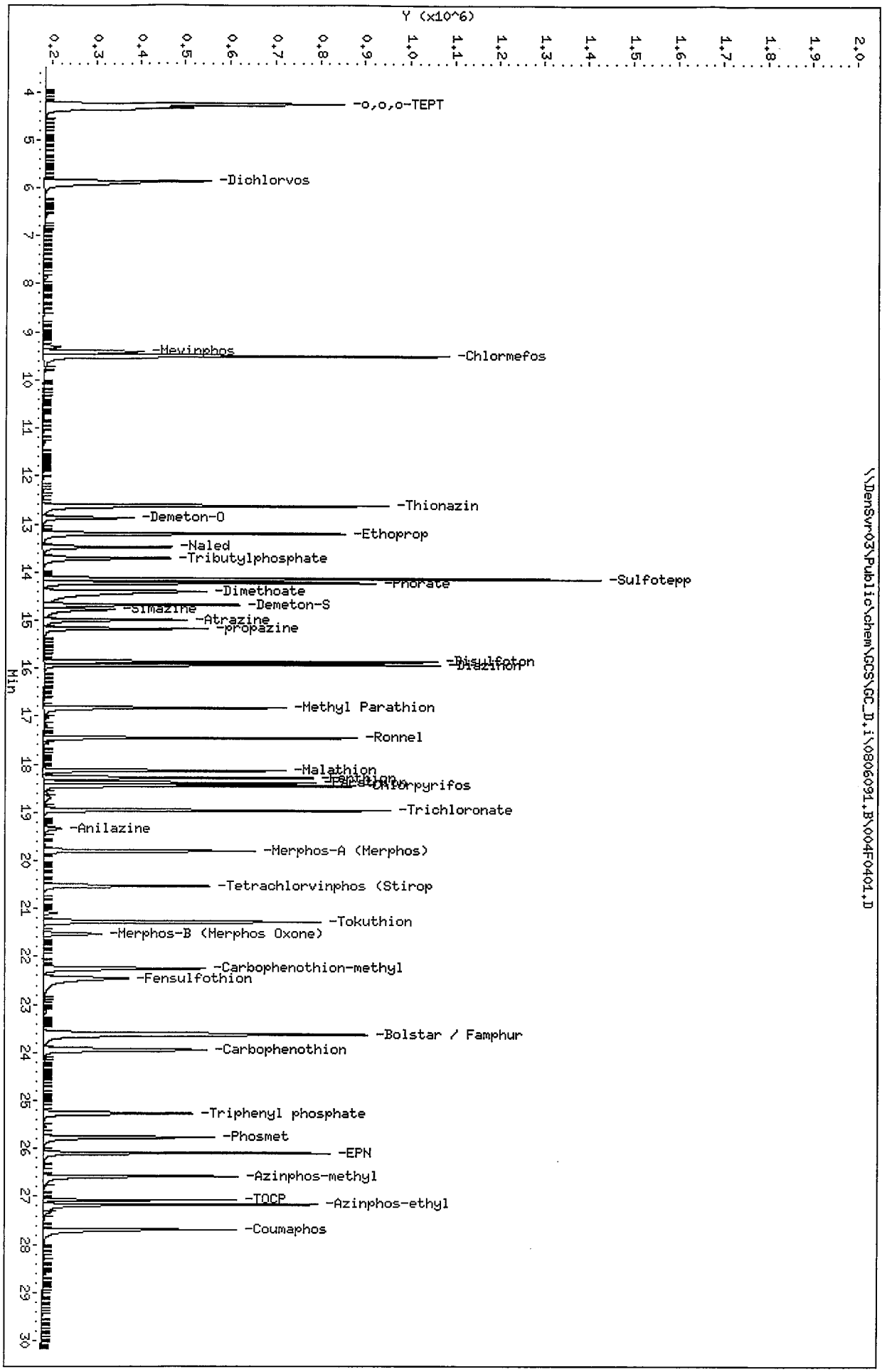
Instrument ID: GC_D.i
Lab File ID: 004F0401.D
Lab Smp Id: 8141 L6 GSV87009
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Misc Info:

Calibration Date: 07-AUG-2009
Calibration Time: 06:42
Client Smp ID: 8141 L6 GSV8700
Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	1034306	517153	2068612	976680	-5.57
39 TOCP	695324	347662	1390648	662886	-4.67

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.70	13.20	14.20	13.71	0.10
39 TOCP	27.08	26.58	27.58	27.08	-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_D,i\0806091,B\004F0401,D
Date : 06-AUG-2009 15:32
Client ID: 8141 L6 GSV87009
Sample Info: 8141 L6 GSV87009
Column phase: RTx-1MS

Instrument: GC_D,i
Operator: MPK/TLW
Column diameter: 0.32

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/004F0401.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 004F0401.D
Analysis Type: NONE

Injection Date: 06-AUG-2009 15:32
Lab Sample ID: 8141 L6 GSV87009
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1 o,o,o-TEPT	3.0000	3.7272	24.2	15.0	<-
2 Dichlorvos	3.0000	4.0433	34.8	15.0	<-
3 Mevinphos	3.0000	4.1986	40.0	15.0	<-
4 Chlormefos	3.0000	3.7459	24.9	15.0	<-
5 Thionazin	3.0000	3.9478	31.6	15.0	<-
6 Demeton-O	0.9750	1.1973	22.8	15.0	<-
7 Ethoprop	3.0000	3.8052	26.8	15.0	<-
8 Naled	3.0000	3.9829	32.8	15.0	<-
9 Sulfotepp	3.0000	4.0186	34.0	15.0	<-
10 Phorate	3.0000	4.0020	33.4	15.0	<-
11 Dimethoate	3.0000	4.0344	34.5	15.0	<-
12 Demeton-S	2.0400	3.2574	59.7	15.0	<-
13 Simazine	3.0000	3.9165	30.5	15.0	<-
14 Atrazine	3.0000	4.0098	33.7	15.0	<-
15 propazine	3.0000	4.0316	34.4	15.0	<-
17 Disulfoton	3.0000	4.0431	34.8	15.0	<-
16 Diazinon	3.0000	3.6165	20.5	15.0	<-
18 Methyl Parathion	3.0000	4.0079	33.6	15.0	<-
19 Ronnel	3.0000	4.0651	35.5	15.0	<-
20 Malathion	3.0000	4.1529	38.4	15.0	<-
21 Fenthion	3.0000	4.0455	34.9	15.0	<-
22 Parathion	3.0000	4.0375	34.6	15.0	<-
23 Chlorpyrifos	3.0000	4.0299	34.3	15.0	<-
24 Trichloronate	3.0000	4.0755	35.8	15.0	<-
25 Anilazine	3.0000	4.0456	34.9	15.0	<-
148 Merphos-A (Merphos)	3.0000	4.1603	38.7	999.0	
26 Tetrachlorvinphos (Stirophos)	3.0000	4.0360	34.5	15.0	<-
28 Tokuthion	3.0000	4.1080	36.9	15.0	<-
149 Merphos-B (Merphos Oxone)	3.0000	2.6792	10.7	999.0	
29 Carbophenothion-methyl	3.0000	3.9176	30.6	15.0	<-
29 Fensulfothion	3.0000	4.0266	34.2	15.0	<-
30 Bolstar / Famphur	6.0000	9.6457	60.8	15.0	<-
32 Carbophenothion	3.0000	4.0246	34.2	15.0	<-
31 Triphenyl phosphate	3.0000	4.1371	37.9	15.0	<-
34 Phosmet	3.0000	5.7287	91.0	15.0	<-
32 EPN	3.0000	4.0029	33.4	15.0	<-
33 Azinphos-methyl	3.0000	4.0338	34.5	15.0	<-
38 Azinphos-ethyl	3.0000	4.0493	35.0	15.0	<-
36 Coumaphos	3.0000	5.0072	66.9	15.0	<-

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/004F0401.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

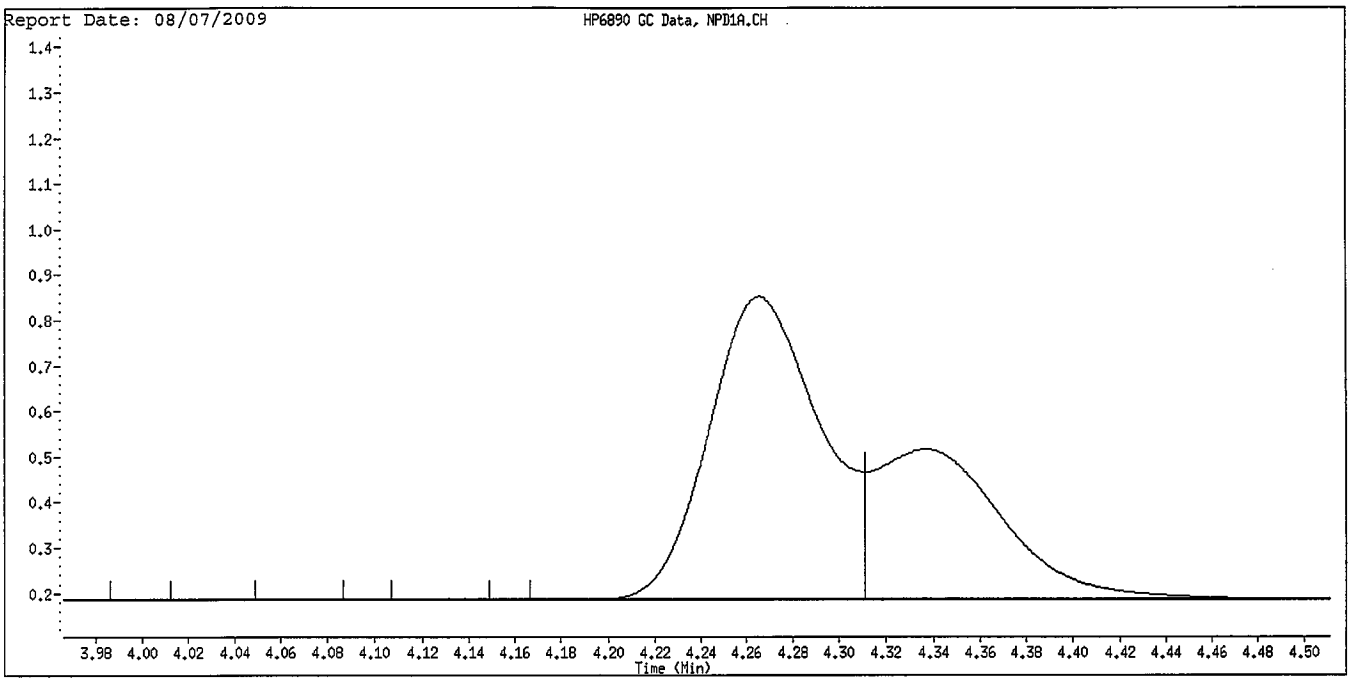
Instrument ID: GC_D.i
Lab File ID: 004F0401.D
Analysis Type: NONE

Injection Date: 06-AUG-2009 15:32
Lab Sample ID: 8141 L6 GSV87009
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

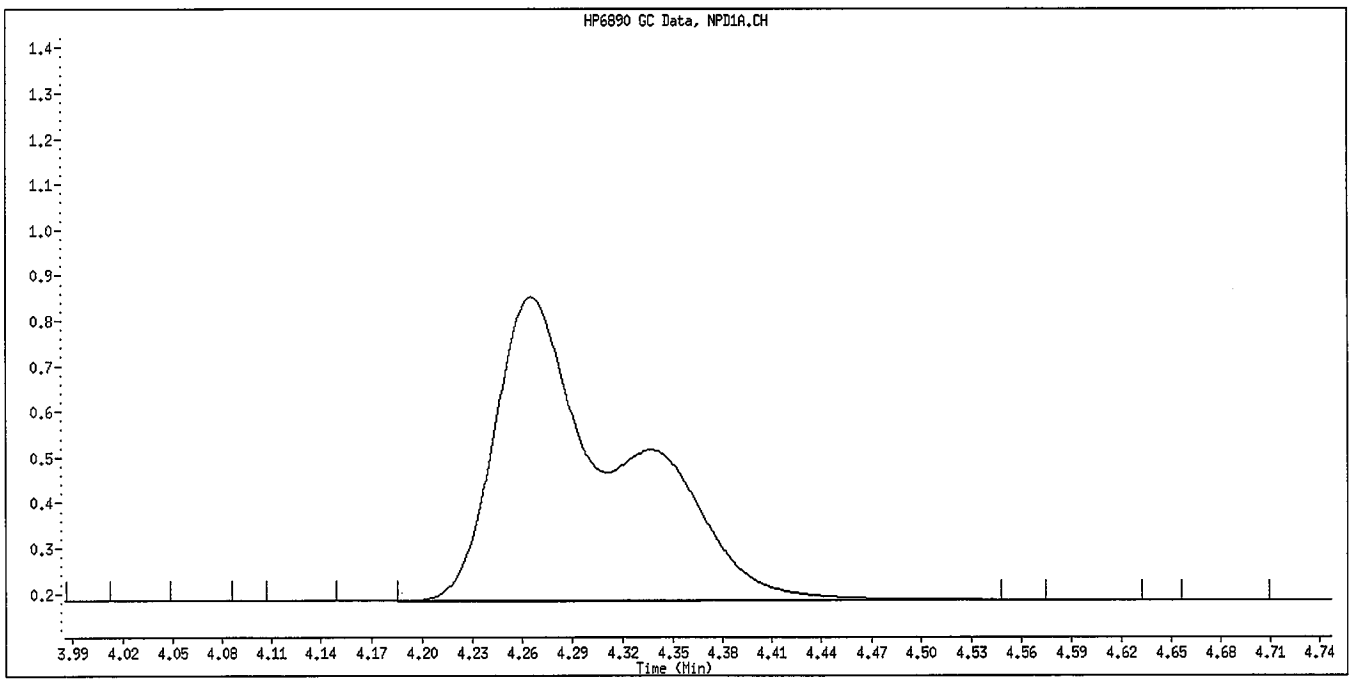
COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
40 Total Demeton	3.0000	4.4546	48.5	15.0	<-
27 Merphos	3.0000	3.9712	32.4	15.0	<-

Average %D = 36.5

Data File Name: 004F0401.D
Inj. Date and Time: 06-AUG-2009 15:32
Instrument ID: GC_D.i
Client ID: 8141 L6 GSV87009
Compound Name: o,o,o-TEPT
CAS #:



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\005F0501.D
Lab Smp Id: 8141 L5 GSV87109 Client Smp ID: 8141 L5 GSV87109
Inj Date : 06-AUG-2009 16:08
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L5 GSV87109
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Meth Date : 07-Aug-2009 13:45 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 15:32 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	4.266	4.267	(0.311)	2678940	3.00000	2.919(M)
	2 Dichlorvos	5.864	5.865	(0.428)	1231344	3.00000	2.932
	3 Mevinphos	9.406	9.407	(0.686)	596188	3.00000	2.948
$	4 Chlormefos	9.501	9.502	(0.693)	2173979	3.00000	2.826
	5 Thionazin	12.624	12.625	(0.921)	1718412	3.00000	2.963
	6 Demeton-O	12.875	12.876	(0.939)	460549	0.97500	0.9780
	7 Ethoprop	13.204	13.205	(0.963)	1510941	3.00000	2.896
	8 Naled	13.482	13.482	(0.983)	602529	3.00000	3.034
*	9 Tributylphosphate	13.714	13.714	(1.000)	997831	2.00000	
	10 Sulfotepp	14.143	14.143	(1.031)	2351109	3.00000	3.010
	11 Phorate	14.227	14.227	(1.037)	1492108	3.00000	2.901
	12 Dimethoate	14.415	14.416	(1.051)	1446366	3.00000	2.981
	13 Demeton-S	14.681	14.682	(1.071)	888508	2.04000	2.085
	14 Simazine	14.783	14.783	(1.078)	493520	3.00000	2.956
	15 Atrazine	14.997	14.997	(1.094)	667495	3.00000	2.931
	16 propazine	15.178	15.178	(1.107)	680031	3.00000	3.092
	17 Disulfoton	15.865	15.866	(0.586)	1440699	3.00000	2.977
	18 Diazinon	15.934	15.934	(0.588)	1526415	3.00000	2.998
	19 Methyl Parathion	16.829	16.829	(0.622)	1132305	3.00000	3.012
	20 Ronnel	17.455	17.456	(0.645)	1224497	3.00000	3.129
	21 Malathion	18.134	18.134	(0.670)	1068194	3.00000	3.128
	22 Fenthion	18.284	18.284	(0.675)	1222175	3.00000	3.040
	23 Parathion	18.392	18.392	(0.679)	1232087	3.00000	3.008
	24 Chlorpyrifos	18.450	18.451	(0.681)	1387727	3.00000	2.963
	25 Trichloronate	18.958	18.958	(0.700)	1482082	3.00000	3.046
	26 Anilazine	19.344	19.345	(0.714)	109906	3.00000	2.897
	27 Merphos-A (Merphos)	19.804	19.804	(0.731)	975630	3.00000	3.016
	28 Tetrachlorvinphos (Stirophos)	20.531	20.532	(0.758)	821547	3.00000	3.003
	29 Tokuthion	21.278	21.278	(0.786)	1405740	3.00000	3.038
	30 Merphos-B (Merphos Oxone)	21.535	21.536	(0.795)	371990	3.00000	3.077
	31 Carbophenothion-methyl	22.254	22.254	(0.822)	972242	3.00000	3.017
	32 Fensulfothion	22.464	22.465	(0.830)	876396	3.00000	2.966
	33 Bolstar / Famphur	23.626	23.627	(0.873)	2416510	6.00000	6.031

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	23.946	23.947	(0.884)	1134170	3.00000	3.029
$	35 Triphenyl phosphate	25.269	25.270	(0.933)	921466	3.00000	3.096(A)
	36 Phosmet	25.769	25.769	(0.952)	916951	3.00000	2.989
	37 EPN	26.097	26.097	(0.964)	1143331	3.00000	2.968
	38 Azinphos-methyl	26.584	26.584	(0.982)	862799	3.00000	2.974
*	39 TOCP	27.075	27.076	(1.000)	682079	2.00000	
	40 Azinphos-ethyl	27.172	27.172	(1.004)	1051907	3.00000	2.968
	41 Coumaphos	27.694	27.694	(1.023)	895805	3.00000	3.022
M	42 Total Demeton				1349057	3.00000	3.063
M	43 Merphos				1347620	3.00000	2.991

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

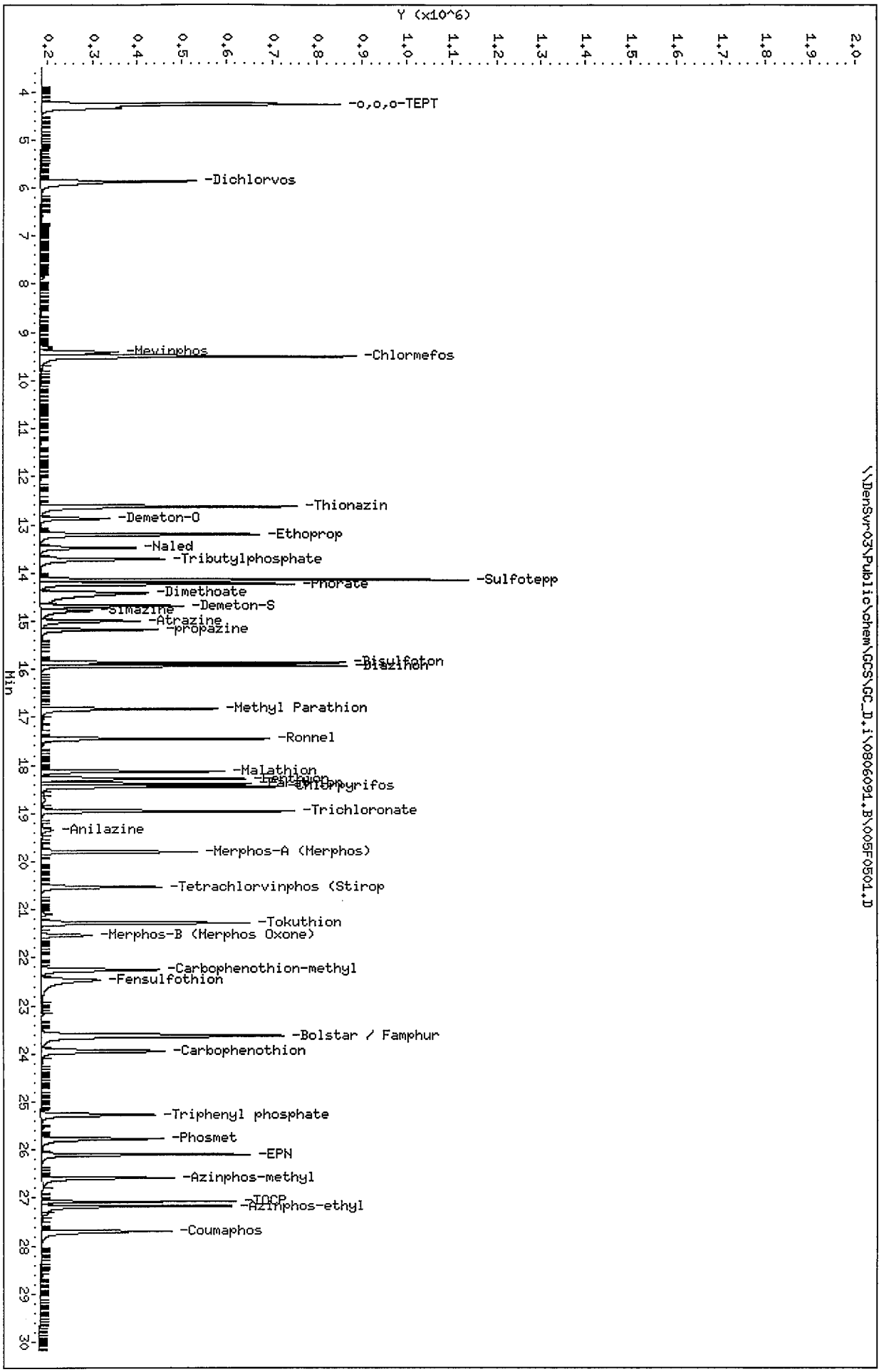
Instrument ID: GC_D.i
Lab File ID: 005F0501.D
Lab Smp Id: 8141 L5 GSV87109
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Misc Info:

Calibration Date: 07-AUG-2009
Calibration Time: 06:42
Client Smp ID: 8141 L5 GSV8710
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	1034306	517153	2068612	997831	-3.53
39 TOCP	695324	347662	1390648	682079	-1.90

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.70	13.20	14.20	13.71	0.11
39 TOCP	27.08	26.58	27.58	27.08	-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_D,i\0806091,B\005F0501.D
Date : 06-AUG-2009 16:08
Client ID: 8141 L5 GSV87109
Sample Info: 8141 L5 GSV87109
Column phase: RTx-1MS
Instrument: GC_D,i
Operator: MPK/TLW
Column diameter: 0.32
\\DenSvr03\Public\chem\GCS\GC_D,i\0806091,B\005F0501.D
Y (x10^6)
Min
-o,o,o-TEPT
-Dichlorvos
-Mevinphos
-Chlormefos
-Thionazin
-Demeton-O
-Ethoprop
-Naled
-Tributylphosphate
-Sulfotepp
-Phorate
-Dimethoate
-Demeton-S
-Simazine
-Atrazine
-propazine
-Bisulfoton
-Diazinon
-Methyl Parathion
-Ronnel
-Malathion
-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
-TOCP
-Azinphos-ethyl
-Coumaphos

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/005F0501.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 005F0501.D
Analysis Type: NONE

Injection Date: 06-AUG-2009 16:08
Lab Sample ID: 8141 L5 GSV87109
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	3.0000	2.7636	7.9	15.0	
2	Dichlorvos	3.0000	2.9290	2.4	15.0	
3	Mevinphos	3.0000	3.0125	0.4	15.0	
4	Chlormefos	3.0000	2.7879	7.1	15.0	
5	Thionazin	3.0000	2.9596	1.3	15.0	
6	Demeton-O	0.9750	0.9278	4.8	15.0	
7	Ethoprop	3.0000	2.8961	3.5	15.0	
8	Naled	3.0000	3.0574	1.9	15.0	
9	Sulfotepp	3.0000	3.0223	0.7	15.0	
10	Phorate	3.0000	2.9926	0.2	15.0	
11	Dimethoate	3.0000	3.0085	0.3	15.0	
12	Demeton-S	2.0400	2.4547	20.3	15.0	<-
13	Simazine	3.0000	3.0267	0.9	15.0	
14	Atrazine	3.0000	2.9854	0.5	15.0	
15	propazine	3.0000	2.9986	0.0	15.0	
17	Disulfoton	3.0000	3.0245	0.8	15.0	
16	Diazinon	3.0000	2.7242	9.2	15.0	
18	Methyl Parathion	3.0000	3.0262	0.9	15.0	
19	Ronnel	3.0000	2.9794	0.7	15.0	
20	Malathion	3.0000	3.1262	4.2	15.0	
21	Fenthion	3.0000	3.0366	1.2	15.0	
22	Parathion	3.0000	3.0160	0.5	15.0	
23	Chlorpyrifos	3.0000	2.9344	2.2	15.0	
24	Trichloronate	3.0000	3.0033	0.1	15.0	
25	Anilazine	3.0000	3.0359	1.2	15.0	
148	Merphos-A (Merphos)	3.0000	2.9498	1.7	999.0	
26	Tetrachlorvinphos (Stirophos)	3.0000	2.9549	1.5	15.0	
28	Tokuthion	3.0000	3.0365	1.2	15.0	
149	Merphos-B (Merphos Oxone)	3.0000	2.2946	23.5	999.0	
29	Carbophenothion-methyl	3.0000	2.9308	2.3	15.0	
29	Fensulfothion	3.0000	2.9992	0.0	15.0	
30	Bolstar / Famphur	6.0000	7.2483	20.8	15.0	<-
32	Carbophenothion	3.0000	3.0304	1.0	15.0	
31	Triphenyl phosphate	3.0000	3.0967	3.2	15.0	
34	Phosmet	3.0000	4.1916	39.7	15.0	<-
32	EPN	3.0000	2.9730	0.9	15.0	
33	Azinphos-methyl	3.0000	2.9802	0.7	15.0	
38	Azinphos-ethyl	3.0000	3.0463	1.5	15.0	
36	Coumaphos	3.0000	3.6741	22.5	15.0	<-

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/005F0501.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

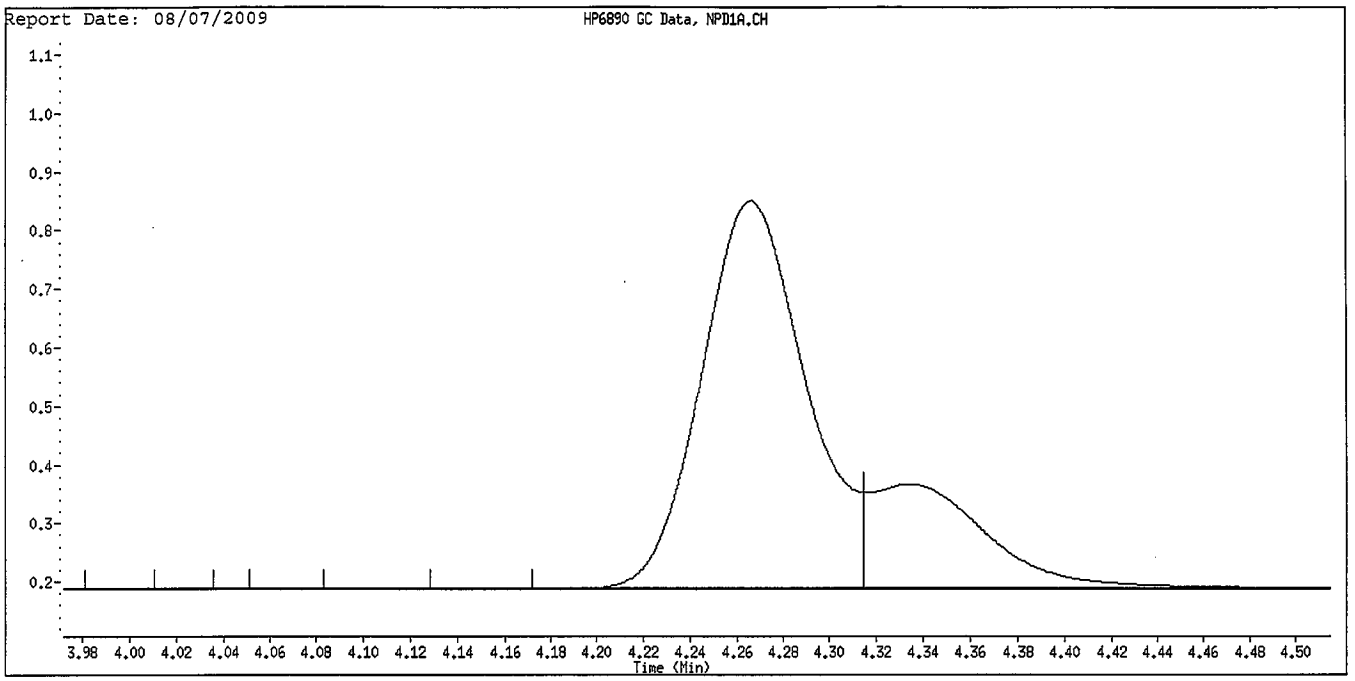
Instrument ID: GC_D.i
Lab File ID: 005F0501.D
Analysis Type: NONE

Injection Date: 06-AUG-2009 16:08
Lab Sample ID: 8141 L5 GSV87109
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

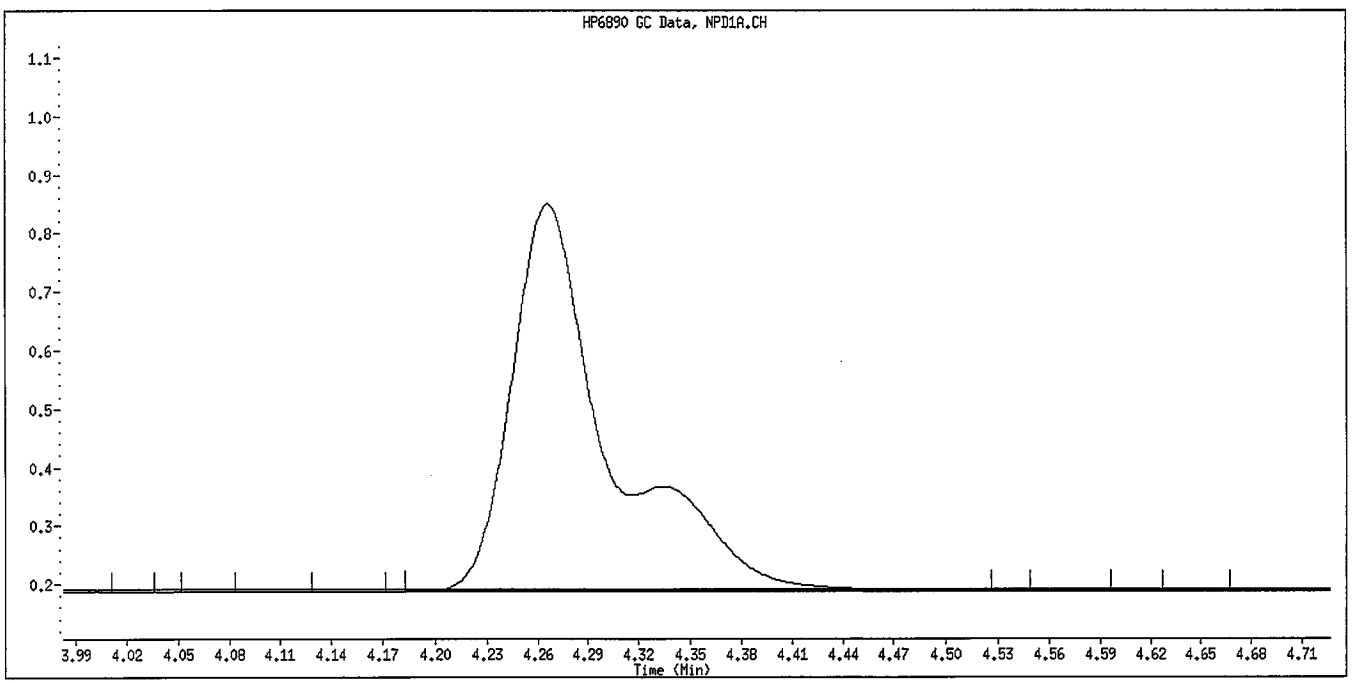
COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
40 Total Demeton	3.0000	3.3824	12.7	15.0
27 Merphos	3.0000	2.9860	0.5	15.0

Average %D = 5.05

Data File Name: 005F0501.D
Inj. Date and Time: 06-AUG-2009 16:08
Instrument ID: GC_D.i
Client ID: 8141 L5 GSV87109
Compound Name: o,o,o-TEPT
CAS #:



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\006F0601.D
Lab Smp Id: 8141 L4 GSV87209 Client Smp ID: 8141 L4 GSV87209
Inj Date : 06-AUG-2009 16:45
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L4 GSV87209
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Meth Date : 07-Aug-2009 13:45 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 16:08 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	4.266	4.267	(0.311)	1806303	2.00000	2.027(M)
	2 Dichlorvos	5.871	5.865	(0.428)	806939	2.00000	2.062
	3 Mevinphos	9.425	9.407	(0.687)	356823	2.00000	2.037
$	4 Chlormefos	9.504	9.502	(0.693)	1500556	2.00000	2.093
	5 Thionazin	12.627	12.625	(0.920)	1140983	2.00000	2.130
	6 Demeton-O	12.879	12.876	(0.939)	301922	0.65000	0.6820
	7 Ethoprop	13.210	13.205	(0.963)	1004283	2.00000	2.091
	8 Naled	13.485	13.482	(0.983)	361004	2.00000	2.035
*	9 Tributylphosphate	13.719	13.714	(1.000)	930125	2.00000	
	10 Sulfotepp	14.145	14.143	(1.031)	1569936	2.00000	2.156
	11 Phorate	14.230	14.227	(1.037)	996323	2.00000	2.078
	12 Dimethoate	14.429	14.416	(1.052)	877602	2.00000	2.064
	13 Demeton-S	14.688	14.682	(1.071)	598857	1.36000	1.512
	14 Simazine	14.790	14.783	(1.078)	313833	2.00000	1.928
	15 Atrazine	15.002	14.997	(1.094)	417568	2.00000	2.030
	16 propazine	15.182	15.178	(1.107)	426561	2.00000	2.081
	17 Disulfoton	15.867	15.866	(0.586)	956556	2.00000	2.118
	18 Diazinon	15.935	15.934	(0.589)	1016692	2.00000	2.083
	19 Methyl Parathion	16.834	16.829	(0.622)	727074	2.00000	2.071
	20 Ronnel	17.457	17.456	(0.645)	776395	2.00000	2.100
	21 Malathion	18.136	18.134	(0.670)	702019	2.00000	2.177
	22 Fenthion	18.286	18.284	(0.675)	790291	2.00000	2.100
	23 Parathion	18.393	18.392	(0.679)	780379	2.00000	2.077
	24 Chlorpyrifos	18.453	18.451	(0.681)	926482	2.00000	2.031
	25 Trichloronate	18.960	18.958	(0.700)	943008	2.00000	2.052
	26 Anilazine	19.355	19.345	(0.715)	62364	2.00000	1.901
	27 Merphos-A (Merphos)	19.804	19.804	(0.731)	619861	2.00000	2.063
	28 Tetrachlorvinphos (Stirophos)	20.534	20.532	(0.758)	510754	2.00000	2.008
	29 Tokuthion	21.280	21.278	(0.786)	908087	2.00000	2.078
	30 Merphos-B (Merphos Oxone)	21.536	21.536	(0.795)	271041	2.00000	1.998
	31 Carbophenothion-methyl	22.260	22.254	(0.822)	618555	2.00000	2.065
	32 Fensulfothion	22.489	22.465	(0.831)	563535	2.00000	2.116
	33 Bolstar / Famphur	23.631	23.627	(0.873)	1568236	4.00000	4.180

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	23.954	23.947	(0.885)	730586	2.00000	2.066
$	35 Triphenyl phosphate	25.274	25.270	(0.933)	612613	2.00000	2.179(A)
	36 Phosmet	25.779	25.769	(0.952)	595984	2.00000	2.091
	37 EPN	26.101	26.097	(0.964)	776730	2.00000	2.135
	38 Azinphos-methyl	26.591	26.584	(0.982)	545683	2.00000	2.042
*	39 TOCP	27.078	27.076	(1.000)	644188	2.00000	
	40 Azinphos-ethyl	27.175	27.172	(1.004)	673342	2.00000	2.011
	41 Coumaphos	27.700	27.694	(1.023)	569489	2.00000	2.058
M	42 Total Demeton				900779	2.00000	2.194
M	43 Merphos				890902	2.00000	2.094

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

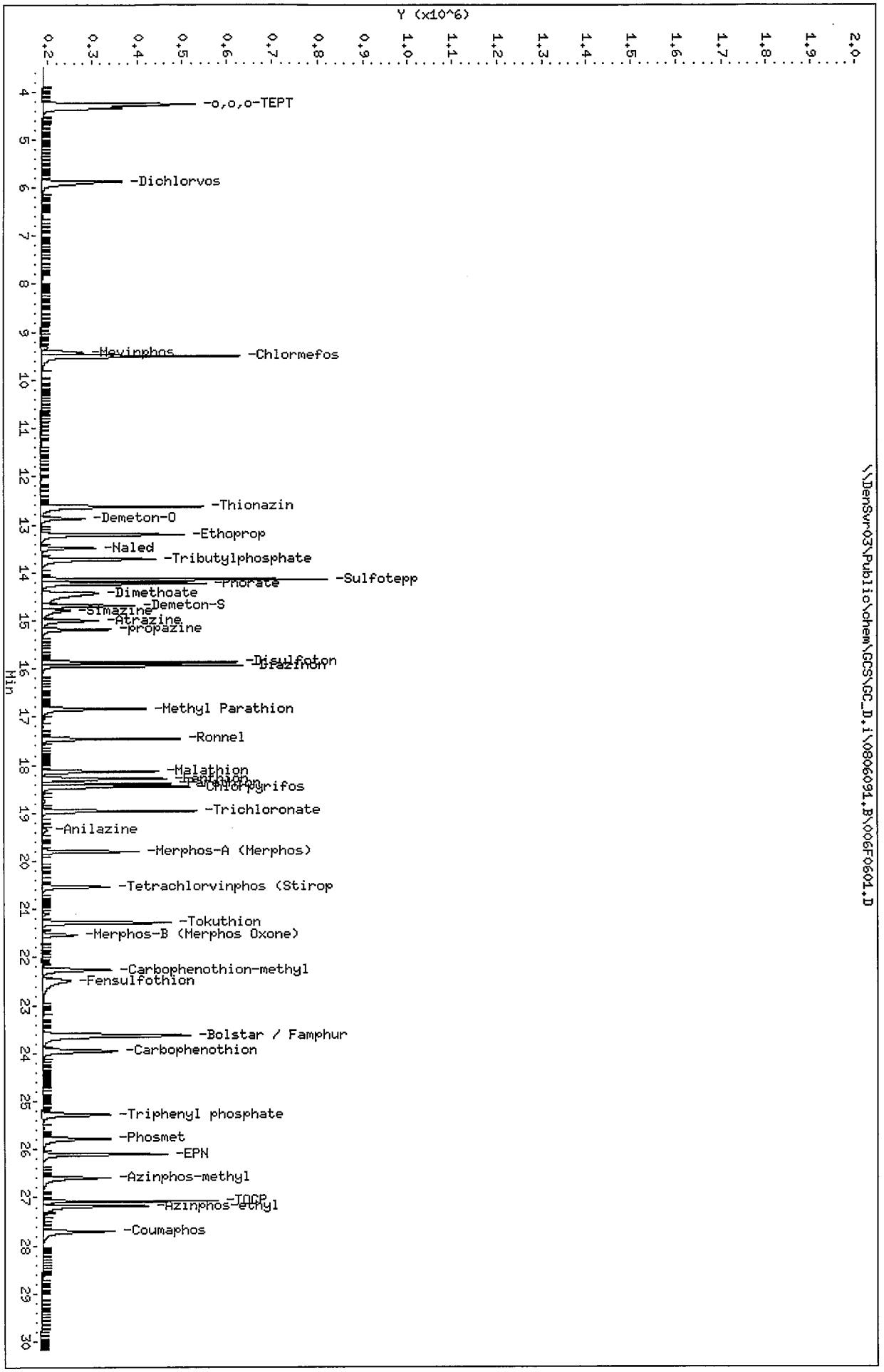
Instrument ID: GC_D.i
Lab File ID: 006F0601.D
Lab Smp Id: 8141 L4 GSV87209
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Misc Info:

Calibration Date: 07-AUG-2009
Calibration Time: 06:42
Client Smp ID: 8141 L4 GSV8720
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	1034306	517153	2068612	930125	-10.07
39 TOCP	695324	347662	1390648	644188	-7.35

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.70	13.20	14.20	13.72	0.15
39 TOCP	27.08	26.58	27.58	27.08	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_D,i\0806091,B\006F0601.D
Date : 06-AUG-2009 16:45
Client ID: 8141 L4 GSV87209
Sample Info: 8141 L4 GSV87209
Column phase: RTx-1MS
Instrument: GC_D,i
Operator: MPK/TLW
Column diameter: 0.32
\\DenSvr03\Public\chem\GCS\GC_D,i\0806091,B\006F0601.D
Y (x10^6)
Min
-o,o,o-TEPT
-Dichlorvos
-Mevinphos
-Chlormefos
-Thionazin
-Demeton-O
-Ethoprop
-Naled
-Tributylphosphate
-Sulfotepp
-Phorate
-Dimethoate
-Demeton-S
-Simazine
-Atrazine
-Propazine
-Disulfoton
-Diazinon
-Methyl Parathion
-Ronnel
-Malathion
-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
-TRCP
-Azinphos-ethyl
-Coumaphos

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/006F0601.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 006F0601.D
Analysis Type: NONE

Injection Date: 06-AUG-2009 16:45
Lab Sample ID: 8141 L4 GSV87209
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	3.0000	1.9938	33.5	15.0	<-
2	Dichlorvos	3.0000	2.0526	31.6	15.0	<-
3	Mevinphos	3.0000	2.0152	32.8	15.0	<-
4	Chlormefos	3.0000	2.0593	31.4	15.0	<-
5	Thionazin	3.0000	2.1200	29.3	15.0	<-
6	Demeton-O	0.9750	0.6516	33.2	15.0	<-
7	Ethoprop	3.0000	2.0852	30.5	15.0	<-
8	Naled	3.0000	2.0194	32.7	15.0	<-
9	Sulfotepp	3.0000	2.1590	28.0	15.0	<-
10	Phorate	3.0000	2.1074	29.8	15.0	<-
11	Dimethoate	3.0000	2.0394	32.0	15.0	<-
12	Demeton-S	2.0400	1.7726	13.1	15.0	
13	Simazine	3.0000	2.1187	29.4	15.0	<-
14	Atrazine	3.0000	2.0503	31.7	15.0	<-
15	propazine	3.0000	2.0478	31.7	15.0	<-
17	Disulfoton	3.0000	2.1468	28.4	15.0	<-
16	Diazinon	3.0000	1.9214	36.0	15.0	<-
18	Methyl Parathion	3.0000	2.0960	30.1	15.0	<-
19	Ronnel	3.0000	2.0156	32.8	15.0	<-
20	Malathion	3.0000	2.1763	27.5	15.0	<-
21	Fenthion	3.0000	2.0998	30.0	15.0	<-
22	Parathion	3.0000	2.0692	31.0	15.0	<-
23	Chlorpyrifos	3.0000	1.9760	34.1	15.0	<-
24	Trichloronate	3.0000	2.0310	32.3	15.0	<-
25	Anilazine	3.0000	2.0249	32.5	15.0	<-
148	Merphos-A (Merphos)	3.0000	1.9887	33.7	999.0	
26	Tetrachlorvinphos (Stirophos)	3.0000	2.0099	33.0	15.0	<-
28	Tokuthion	3.0000	2.0766	30.8	15.0	<-
149	Merphos-B (Merphos Oxone)	3.0000	1.7700	41.0	999.0	
29	Carbophenothion-methyl	3.0000	2.0367	32.1	15.0	<-
29	Fensulfothion	3.0000	2.1116	29.6	15.0	<-
30	Bolstar / Famphur	6.0000	4.9812	17.0	15.0	<-
32	Carbophenothion	3.0000	2.0681	31.1	15.0	<-
31	Triphenyl phosphate	3.0000	2.1787	27.4	15.0	<-
34	Phosmet	3.0000	2.8772	4.1	15.0	
32	EPN	3.0000	2.1359	28.8	15.0	<-
33	Azinphos-methyl	3.0000	2.0652	31.2	15.0	<-
38	Azinphos-ethyl	3.0000	2.0564	31.5	15.0	<-
36	Coumaphos	3.0000	2.4739	17.5	15.0	<-

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/006F0601.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

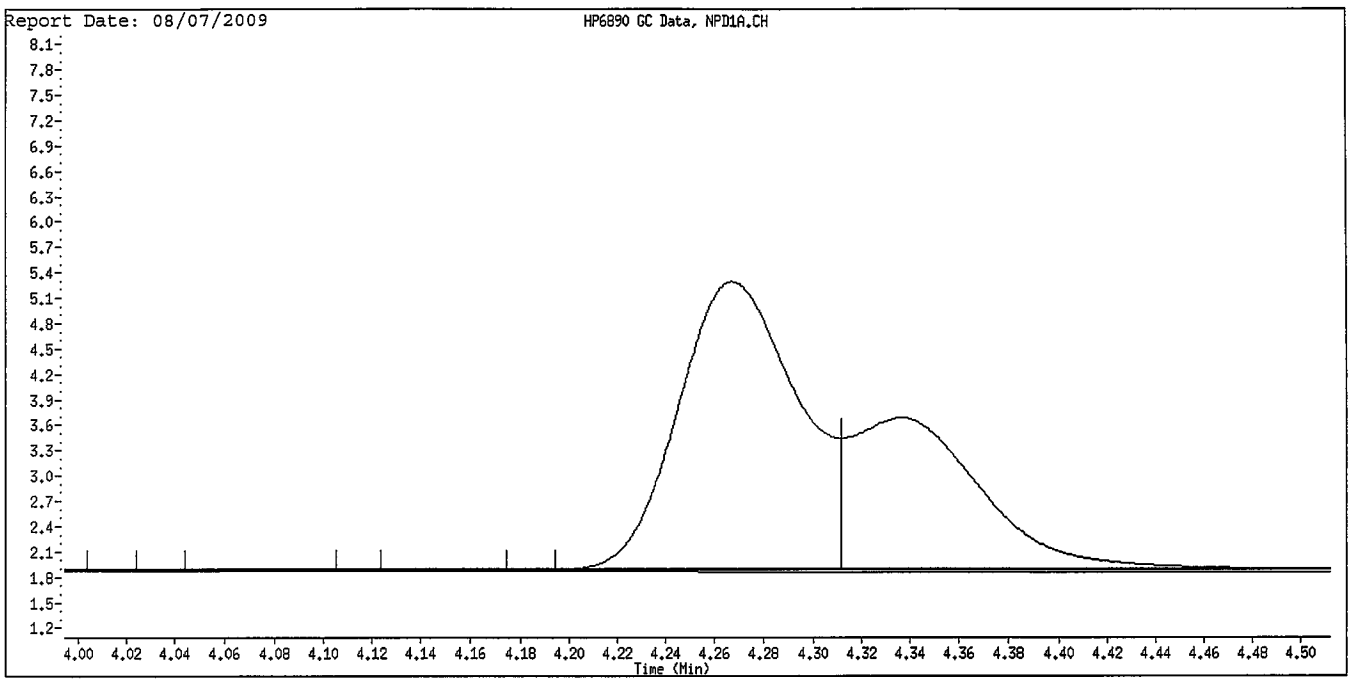
Instrument ID: GC_D.i
Lab File ID: 006F0601.D
Analysis Type: NONE

Injection Date: 06-AUG-2009 16:45
Lab Sample ID: 8141 L4 GSV87209
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

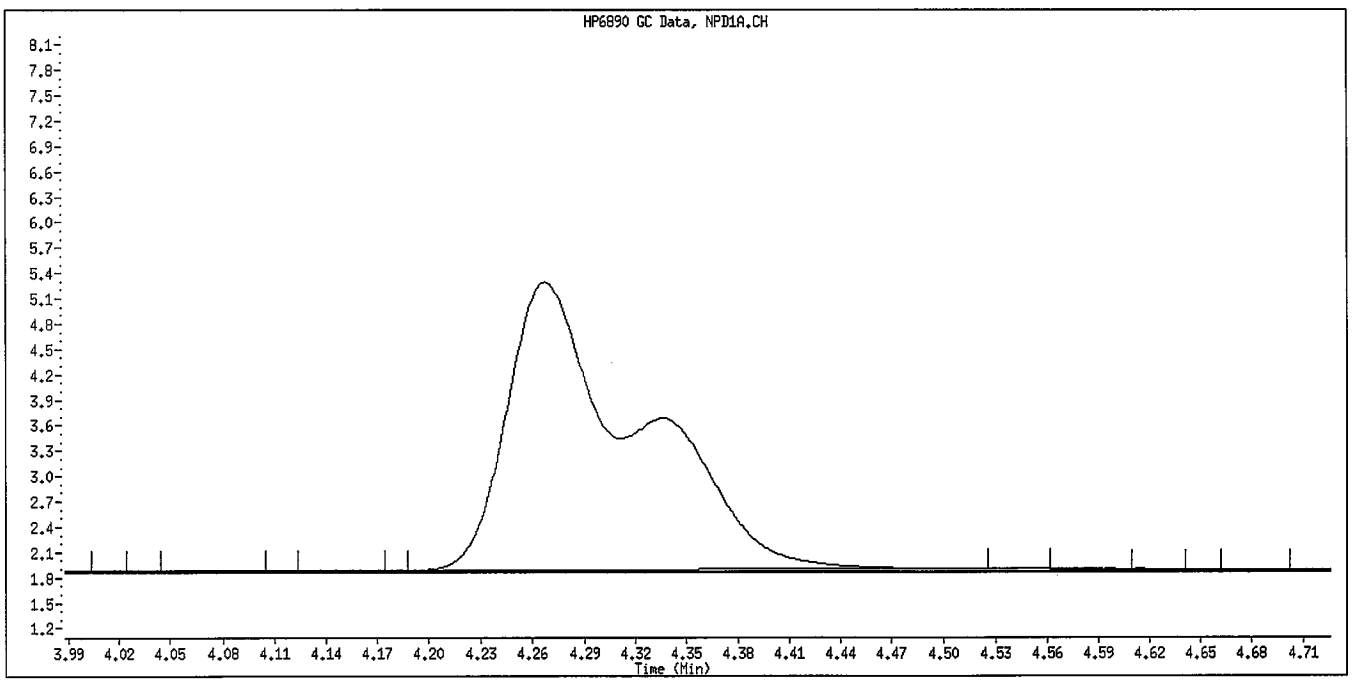
COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
40 Total Demeton	3.0000	2.4243	19.2	15.0	<-
27 Merphos	3.0000	2.0898	30.3	15.0	<-

Average %D = 29.4

Data File Name: 006F0601.D
Inj. Date and Time: 06-AUG-2009 16:45
Instrument ID: GC_D.i
Client ID: 8141 L4 GSV87209
Compound Name: o,o,o-TEPT
CAS #:



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\007F0701.D
Lab Smp Id: 8141 L3 GSV87309 Client Smp ID: 8141 L3 GSV87309
Inj Date : 06-AUG-2009 17:21
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L3 GSV87309
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Meth Date : 07-Aug-2009 13:45 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 16:45 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	4.266	4.267	(0.311)	908197	1.00000	0.9830(M)
	2 Dichlorvos	5.871	5.865	(0.428)	383146	1.00000	0.9976
	3 Mevinphos	9.426	9.407	(0.687)	111446	1.00000	0.9222
$	4 Chlormefos	9.501	9.502	(0.692)	746730	1.00000	1.062
	5 Thionazin	12.631	12.625	(0.920)	544011	1.00000	1.070
	6 Demeton-O	12.879	12.876	(0.938)	157798	0.32500	0.3542
	7 Ethoprop	13.218	13.205	(0.963)	491981	1.00000	1.088
	8 Naled	13.491	13.482	(0.983)	162318	1.00000	1.037
*	9 Tributylphosphate	13.726	13.714	(1.000)	912600	2.00000	
	10 Sulfotepp	14.145	14.143	(1.030)	756152	1.00000	1.058
	11 Phorate	14.230	14.227	(1.037)	520383	1.00000	1.106
	12 Dimethoate	14.479	14.416	(1.055)	356039	1.00000	1.061
	13 Demeton-S	14.703	14.682	(1.071)	285098	0.68000	0.7421
	14 Simazine	14.806	14.783	(1.079)	174622	1.00000	1.104
	15 Atrazine	15.012	14.997	(1.094)	206785	1.00000	1.120
	16 propazine	15.190	15.178	(1.107)	215077	1.00000	1.069
	17 Disulfoton	15.870	15.866	(0.586)	445811	1.00000	1.059
	18 Diazinon	15.940	15.934	(0.589)	519628	1.00000	1.045
	19 Methyl Parathion	16.843	16.829	(0.622)	334656	1.00000	1.019
	20 Ronnel	17.463	17.456	(0.645)	356993	1.00000	0.9943
	21 Malathion	18.142	18.134	(0.670)	337515	1.00000	1.077
	22 Fenthion	18.292	18.284	(0.675)	363139	1.00000	1.025
	23 Parathion	18.402	18.392	(0.680)	333400	1.00000	1.015
	24 Chlorpyrifos	18.453	18.451	(0.681)	506108	1.00000	1.046
	25 Trichloronate	18.963	18.958	(0.700)	440136	1.00000	0.9860
	26 Anilazine	19.375	19.345	(0.715)	23197	1.00000	0.9765
	27 Merphos-A (Merphos)	19.806	19.804	(0.731)	274971	1.00000	0.9986
	28 Tetrachlorvinphos (Stirophos)	20.544	20.532	(0.759)	229899	1.00000	0.9789
	29 Tokuthion	21.287	21.278	(0.786)	431780	1.00000	1.017
	30 Merphos-B (Merphos Oxone)	21.546	21.536	(0.796)	159629	1.00000	0.9349
	31 Carbophenothion-methyl	22.274	22.254	(0.823)	280480	1.00000	1.017
	32 Fensulfothion	22.535	22.465	(0.832)	214899	1.00000	1.015
	33 Bolstar / Famphur	23.638	23.627	(0.873)	741469	2.00000	2.093

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	23.958	23.947	(0.885)	360929	1.00000	1.051
$	35 Triphenyl phosphate	25.290	25.270	(0.934)	294744	1.00000	1.079
	36 Phosmet	25.796	25.769	(0.953)	268843	1.00000	1.029
	37 EPN	26.110	26.097	(0.964)	382286	1.00000	1.082
	38 Azinphos-methyl	26.602	26.584	(0.982)	233826	1.00000	0.9852
*	39 TOCP	27.080	27.076	(1.000)	625742	2.00000	
	40 Azinphos-ethyl	27.185	27.172	(1.004)	334585	1.00000	1.029
	41 Coumaphos	27.712	27.694	(1.023)	261325	1.00000	1.011
M	42 Total Demeton				442896	1.00000	1.096
M	43 Merphos				434600	1.00000	1.052

QC Flag Legend

M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D.i
Lab File ID: 007F0701.D
Lab Smp Id: 8141 L3 GSV87309
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Misc Info:

Calibration Date: 07-AUG-2009
Calibration Time: 06:42
Client Smp ID: 8141 L3 GSV8730
Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	1034306	517153	2068612	912600	-11.77
39 TOCP	695324	347662	1390648	625742	-10.01

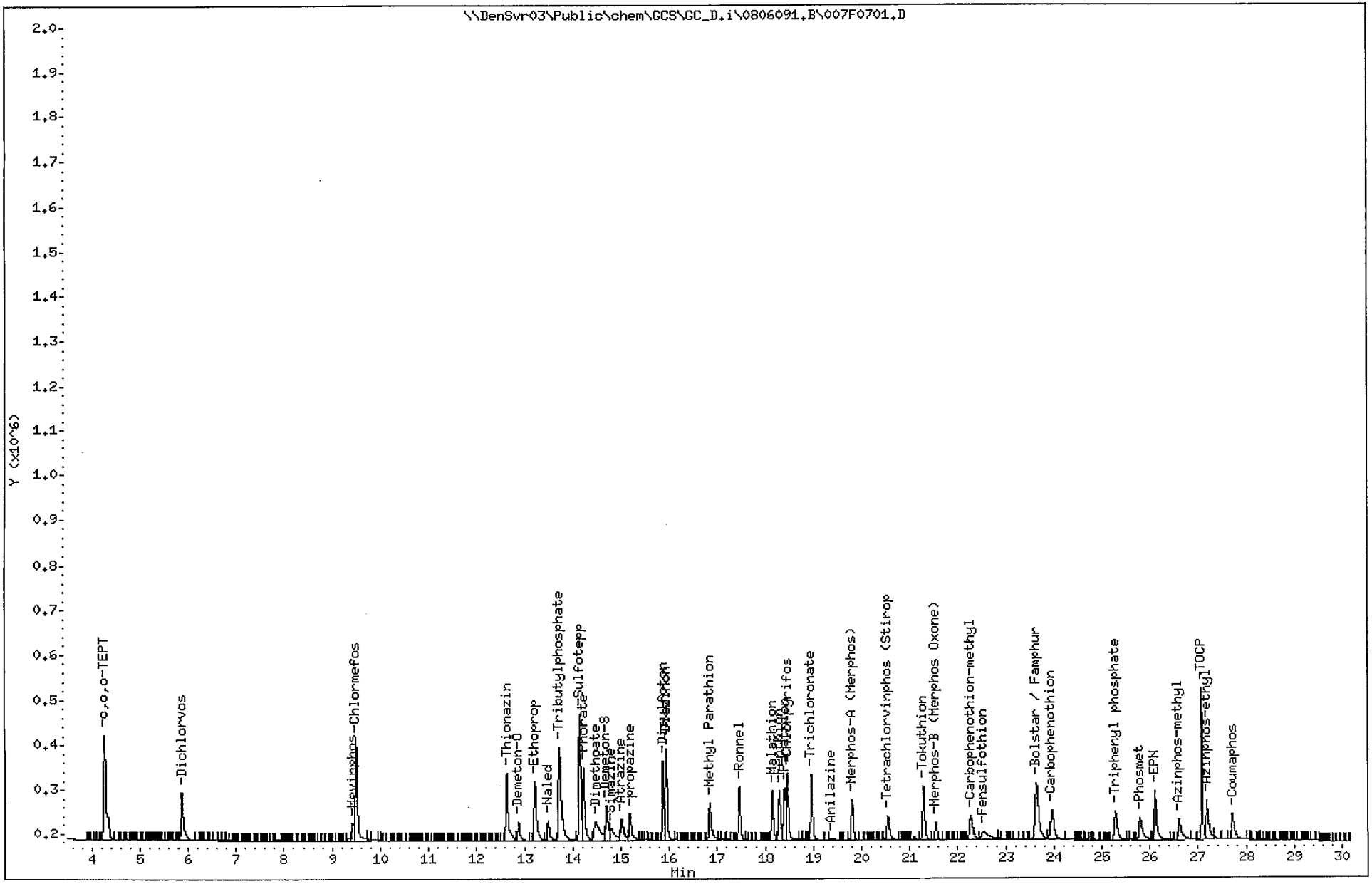
		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.70	13.20	14.20	13.73	0.20
39 TOCP	27.08	26.58	27.58	27.08	0.01

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_D.i\0806091.B\007F0701.D
Date : 06-AUG-2009 17:21
Client ID: 8141 L3 GSV87309
Sample Info: 8141 L3 GSV87309

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

Column phase: RTx-1MS



Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/007F0701.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 007F0701.D
Analysis Type: NONE

Injection Date: 06-AUG-2009 17:21
Lab Sample ID: 8141 L3 GSV87309
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	3.0000	1.0210	66.0	15.0	<-
2	Dichlorvos	3.0000	0.9935	66.9	15.0	<-
3	Mevinphos	3.0000	0.8088	73.0	15.0	<-
4	Chlormefos	3.0000	1.0451	65.2	15.0	<-
5	Thionazin	3.0000	1.0649	64.5	15.0	<-
6	Demeton-O	0.9750	0.3464	64.5	15.0	<-
7	Ethoprop	3.0000	1.0846	63.8	15.0	<-
8	Naled	3.0000	1.0092	66.4	15.0	<-
9	Sulfotepp	3.0000	1.0593	64.7	15.0	<-
10	Phorate	3.0000	1.0691	64.4	15.0	<-
11	Dimethoate	3.0000	0.9789	67.4	15.0	<-
12	Demeton-S	2.0400	0.8594	57.9	15.0	<-
13	Simazine	3.0000	1.2619	57.9	15.0	<-
14	Atrazine	3.0000	1.1022	63.3	15.0	<-
15	propazine	3.0000	1.0880	63.7	15.0	<-
17	Disulfoton	3.0000	1.0668	64.4	15.0	<-
16	Diazinon	3.0000	1.0123	66.3	15.0	<-
18	Methyl Parathion	3.0000	1.0577	64.7	15.0	<-
19	Ronnel	3.0000	0.9790	67.4	15.0	<-
20	Malathion	3.0000	1.0769	64.1	15.0	<-
21	Fenthion	3.0000	1.0244	65.9	15.0	<-
22	Parathion	3.0000	0.9861	67.1	15.0	<-
23	Chlorpyrifos	3.0000	0.9598	68.0	15.0	<-
24	Trichloronate	3.0000	0.9814	67.3	15.0	<-
25	Anilazine	3.0000	0.9337	68.9	15.0	<-
148	Merphos-A (Merphos)	3.0000	0.9686	67.7	999.0	
26	Tetrachlorvinphos (Stirophos)	3.0000	1.0308	65.6	15.0	<-
28	Tokuthion	3.0000	1.0171	66.1	15.0	<-
149	Merphos-B (Merphos Oxone)	3.0000	1.0771	64.1	999.0	
29	Carbophenothion-methyl	3.0000	1.0574	64.8	15.0	<-
29	Fensulfothion	3.0000	0.9968	66.8	15.0	<-
30	Bolstar / Famphur	6.0000	2.4229	59.6	15.0	<-
32	Carbophenothion	3.0000	1.0500	65.0	15.0	<-
31	Triphenyl phosphate	3.0000	1.0793	64.0	15.0	<-
34	Phosmet	3.0000	1.3381	55.4	15.0	<-
32	EPN	3.0000	1.0834	63.9	15.0	<-
33	Azinphos-methyl	3.0000	1.0322	65.6	15.0	<-
38	Azinphos-ethyl	3.0000	1.0390	65.4	15.0	<-
36	Coumaphos	3.0000	1.1700	61.0	15.0	<-

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/007F0701.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

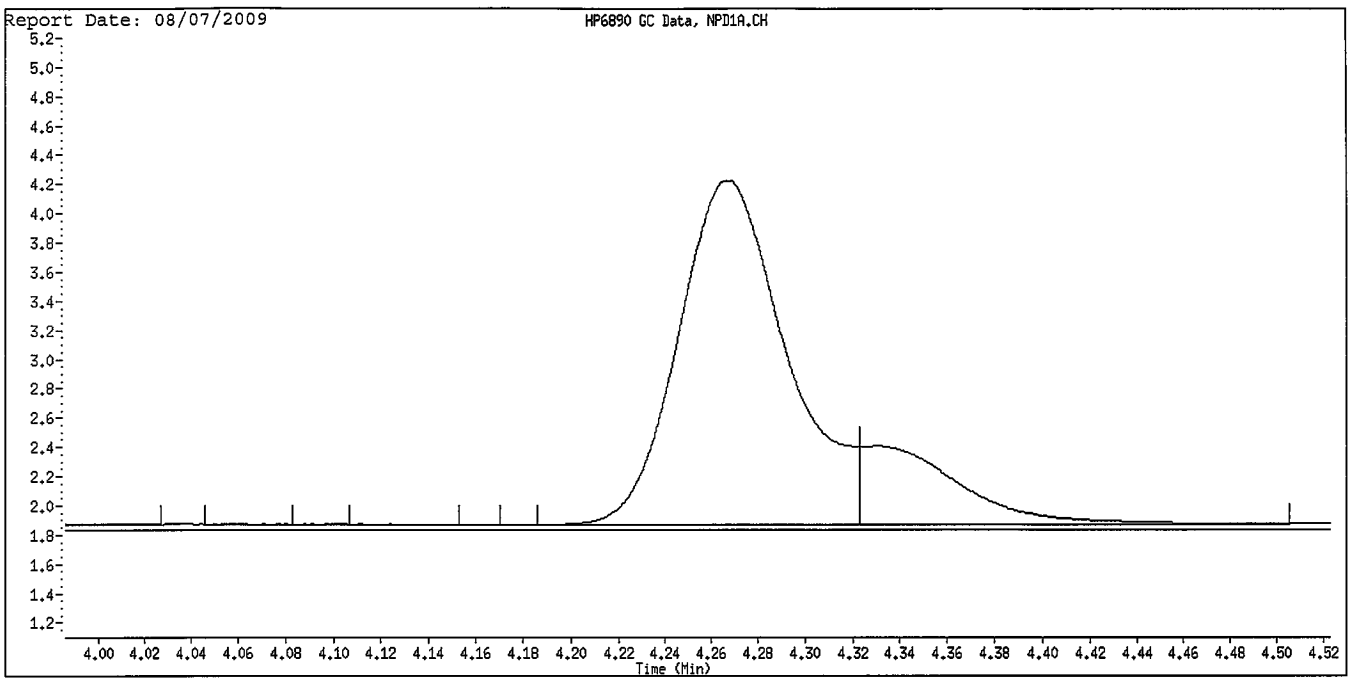
Instrument ID: GC_D.i
Lab File ID: 007F0701.D
Analysis Type: NONE

Injection Date: 06-AUG-2009 17:21
Lab Sample ID: 8141 L3 GSV87309
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

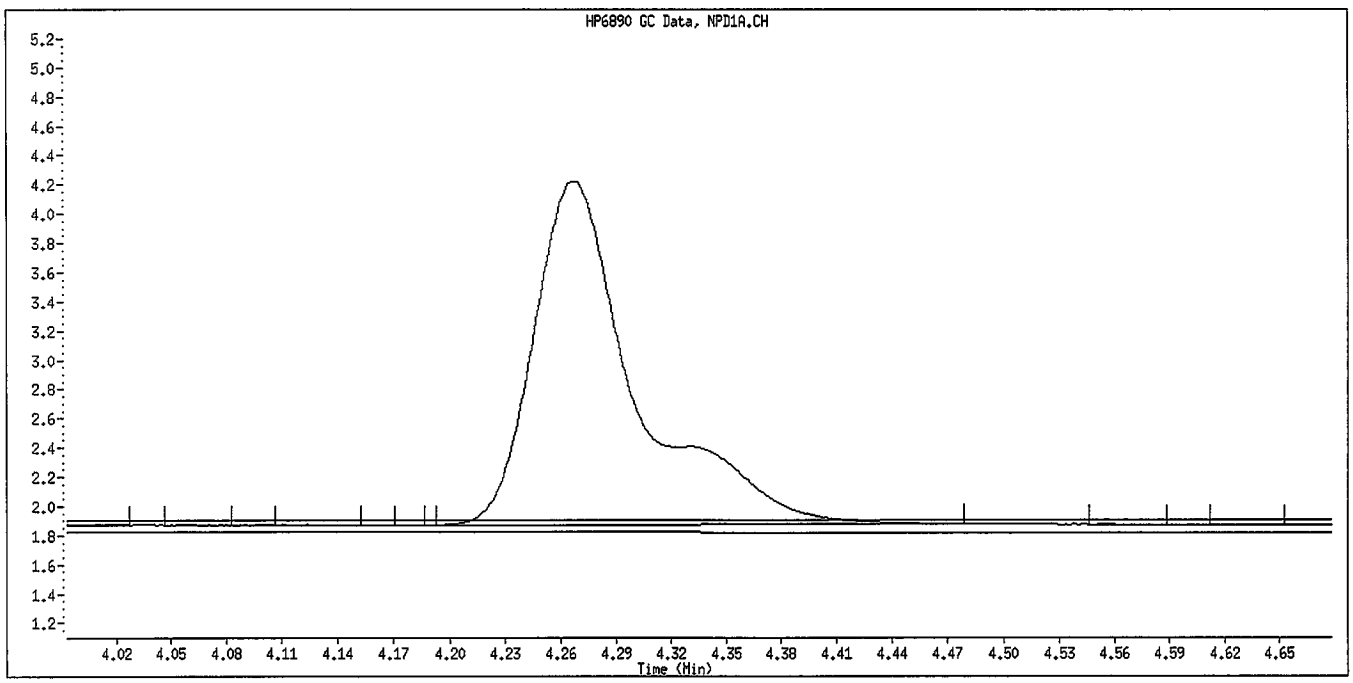
COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
40 Total Demeton	3.0000	1.2058	59.8	15.0	<-
27 Merphos	3.0000	1.0508	65.0	15.0	<-

Average %D = 64.7

Data File Name: 007F0701.D
Inj. Date and Time: 06-AUG-2009 17:21
Instrument ID: GC_D.i
Client ID: 8141 L3 GSV87309
Compound Name: o,o,o-TEPT
CAS #:



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\008F0801.D
Lab Smp Id: 8141 L2 GSV87409 Client Smp ID: 8141 L2 GSV87409
Inj Date : 06-AUG-2009 17:58
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L2 GSV87409
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Meth Date : 07-Aug-2009 13:45 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 17:21 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	4.269	4.267	(0.311)	420455	0.50000	0.4867
	2 Dichlorvos	5.877	5.865	(0.428)	170191	0.50000	0.4895
	3 Mevinphos	9.457	9.407	(0.688)	31592	0.50000	0.5647 (M)
$	4 Chlormefos	9.500	9.502	(0.692)	320391	0.50000	0.5030 (M)
	5 Thionazin	12.635	12.625	(0.920)	194202	0.50000	0.4628
	6 Demeton-O	12.879	12.876	(0.938)	63511	0.16250	0.1466
	7 Ethoprop	13.227	13.205	(0.963)	199533	0.50000	0.5361
	8 Naled	13.501	13.482	(0.983)	41661	0.50000	0.4198
*	9 Tributylphosphate	13.737	13.714	(1.000)	826235	2.00000	
	10 Sulfotepp	14.148	14.143	(1.030)	298517	0.50000	0.4615
	11 Phorate	14.231	14.227	(1.036)	197124	0.50000	0.4628 (M)
	12 Dimethoate	14.585	14.416	(1.062)	59892	0.50000	0.4848 (M)
	13 Demeton-S	14.721	14.682	(1.072)	101878	0.34000	0.3027
	14 Simazine	14.825	14.783	(1.079)	48256	0.50000	0.4620
	15 Atrazine	15.038	14.997	(1.095)	56963	0.50000	0.4745
	16 propazine	15.207	15.178	(1.107)	73519	0.50000	0.4037
	17 Disulfoton	15.877	15.866	(0.586)	167271	0.50000	0.4726
	18 Diazinon	15.946	15.934	(0.589)	248611	0.50000	0.4801
	19 Methyl Parathion	16.864	16.829	(0.623)	137375	0.50000	0.4864
	20 Ronnel	17.474	17.456	(0.645)	149779	0.50000	0.4441
	21 Malathion	18.154	18.134	(0.670)	134273	0.50000	0.4564
	22 Fenthion	18.305	18.284	(0.676)	134570	0.50000	0.4405
	23 Parathion	18.434	18.392	(0.681)	117278	0.50000	0.4936 (M)
	24 Chlorpyrifos	18.462	18.451	(0.682)	265889	0.50000	0.4890 (M)
	25 Trichloronate	18.973	18.958	(0.701)	189950	0.50000	0.4531
	26 Anilazine	19.389	19.345	(0.716)	937	0.50000	0.4274
	27 Merphos-A (Merphos)	19.814	19.804	(0.732)	102703	0.50000	0.4597
	28 Tetrachlorvinphos (Stirophos)	20.572	20.532	(0.760)	86949	0.50000	0.4483
	29 Tokuthion	21.301	21.278	(0.787)	180045	0.50000	0.4515
	30 Merphos-B (Merphos Oxone)	21.559	21.536	(0.796)	78157	0.50000	0.4227
	31 Carbophenothion-methyl	22.303	22.254	(0.824)	99151	0.50000	0.4450
	32 Fensulfothion	22.660	22.465	(0.837)	53776	0.50000	0.4927 (M)
	33 Bolstar / Famphur	23.664	23.627	(0.874)	282731	1.00000	0.9177

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	23.989	23.947	(0.886)	152218	0.50000	0.4718
$	35 Triphenyl phosphate	25.306	25.270	(0.934)	120436	0.50000	0.4696
	36 Phosmet	25.828	25.769	(0.954)	91979	0.50000	0.4436 (M)
	37 EPN	26.119	26.097	(0.964)	166326	0.50000	0.5011
	38 Azinphos-methyl	26.630	26.584	(0.983)	73949	0.50000	0.4321 (M)
*	39 TOCP	27.083	27.076	(1.000)	587714	2.00000	
	40 Azinphos-ethyl	27.199	27.172	(1.004)	136716	0.50000	0.4476
	41 Coumaphos	27.732	27.694	(1.024)	95853	0.50000	0.4391
M	42 Total Demeton				165389	0.50000	0.4493
M	43 Merphos				180860	0.50000	0.4659

QC Flag Legend

M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D.i
Lab File ID: 008F0801.D
Lab Smp Id: 8141 L2 GSV87409
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Misc Info:

Calibration Date: 07-AUG-2009
Calibration Time: 06:42
Client Smp ID: 8141 L2 GSV8740
Level:
Sample Type:

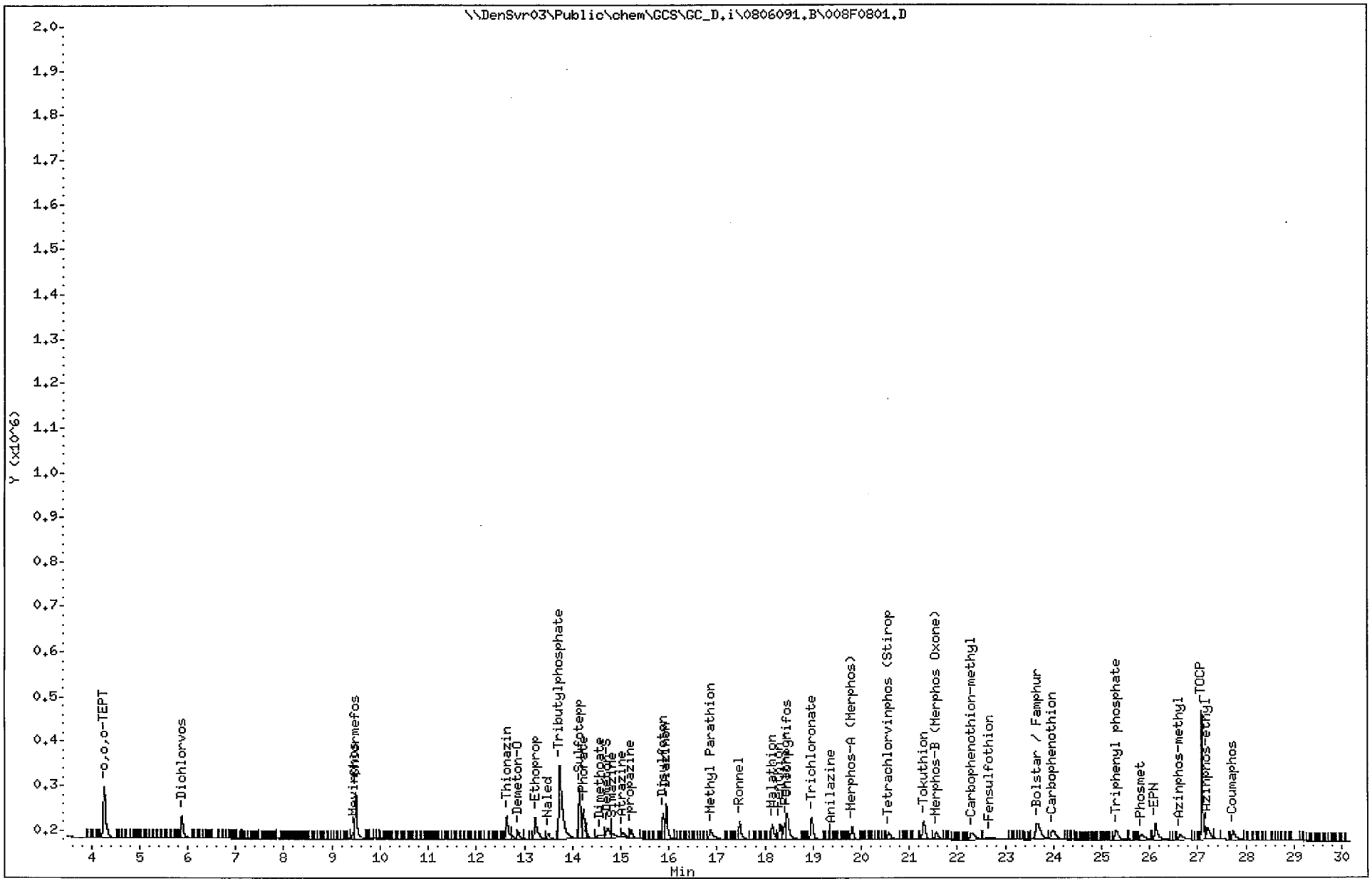
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	1034306	517153	2068612	826235	-20.12
39 TOCP	695324	347662	1390648	587714	-15.48

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.70	13.20	14.20	13.74	0.28
39 TOCP	27.08	26.58	27.58	27.08	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.

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\008F0801.D
Date : 06-AUG-2009 17:58
Client ID: 8141 L2 GSV87409
Sample Info: 8141 L2 GSV87409

Instrument: GC_D.i
Operator: MPK/TLW
Column phase: RTx-1MS
Column diameter: 0.32



Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/008F0801.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 008F0801.D
Analysis Type: NONE

Injection Date: 06-AUG-2009 17:58
Lab Sample ID: 8141 L2 GSV87409
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	3.0000	0.5224	82.6	15.0	<-
2	Dichlorvos	3.0000	0.4895	83.7	15.0	<-
3	Mevinphos	3.0000	0.4029	86.6	15.0	<-
4	Chlormefos	3.0000	0.5031	83.2	15.0	<-
5	Thionazin	3.0000	0.4628	84.6	15.0	<-
6	Demeton-O	0.9750	0.1544	84.2	15.0	<-
7	Ethoprop	3.0000	0.5361	82.1	15.0	<-
8	Naled	3.0000	0.3978	86.7	15.0	<-
9	Sulfotepp	3.0000	0.4615	84.6	15.0	<-
10	Phorate	3.0000	0.3876	87.1	15.0	<-
11	Dimethoate	3.0000	0.4615	84.6	15.0	<-
12	Demeton-S	2.0400	0.3345	83.6	15.0	<-
13	Simazine	3.0000	0.4714	84.3	15.0	<-
14	Atrazine	3.0000	0.4306	85.6	15.0	<-
15	propazine	3.0000	0.4543	84.9	15.0	<-
17	Disulfoton	3.0000	0.4683	84.4	15.0	<-
16	Diazinon	3.0000	0.5148	82.8	15.0	<-
18	Methyl Parathion	3.0000	0.5302	82.3	15.0	<-
19	Ronnel	3.0000	0.4635	84.6	15.0	<-
20	Malathion	3.0000	0.4564	84.8	15.0	<-
21	Fenthion	3.0000	0.4405	85.3	15.0	<-
22	Parathion	3.0000	0.4936	83.5	15.0	<-
23	Chlorpyrifos	3.0000	0.4548	84.8	15.0	<-
24	Trichloronate	3.0000	0.4588	84.7	15.0	<-
25	Anilazine	3.0000	0.3635	87.9	15.0	<-
148	Merphos-A (Merphos)	3.0000	0.4768	84.1	999.0	
26	Tetrachlorvinphos (Stirophos)	3.0000	0.5256	82.5	15.0	<-
28	Tokuthion	3.0000	0.4515	84.9	15.0	<-
149	Merphos-B (Merphos Oxone)	3.0000	0.5592	81.4	999.0	
29	Carbophenothion-methyl	3.0000	0.5189	82.7	15.0	<-
29	Fensulfothion	3.0000	0.4752	84.2	15.0	<-
30	Bolstar / Famphur	6.0000	0.9830	83.6	15.0	<-
32	Carbophenothion	3.0000	0.4707	84.3	15.0	<-
31	Triphenyl phosphate	3.0000	0.4696	84.3	15.0	<-
34	Phosmet	3.0000	0.4280	85.7	15.0	<-
32	EPN	3.0000	0.5011	83.3	15.0	<-
33	Azinphos-methyl	3.0000	0.4583	84.7	15.0	<-
38	Azinphos-ethyl	3.0000	0.4369	85.4	15.0	<-
36	Coumaphos	3.0000	0.4554	84.8	15.0	<-

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/008F0801.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

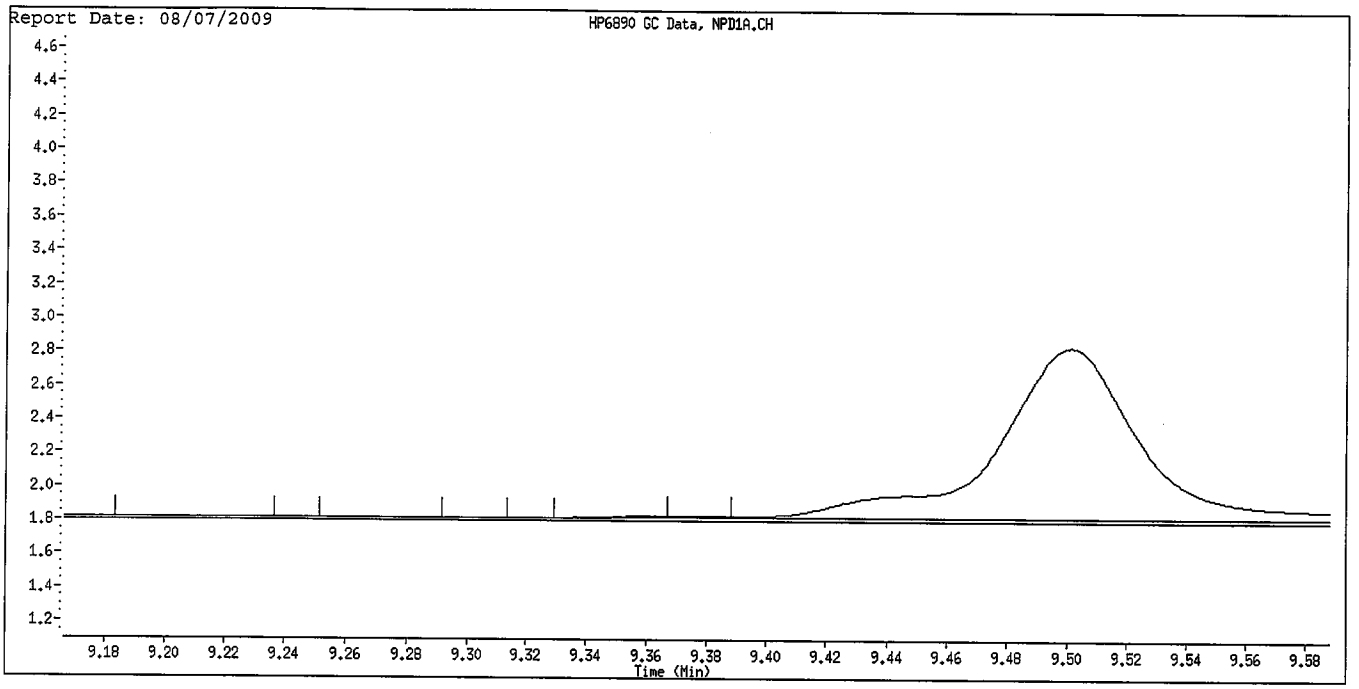
Instrument ID: GC_D.i
Lab File ID: 008F0801.D
Analysis Type: NONE

Injection Date: 06-AUG-2009 17:58
Lab Sample ID: 8141 L2 GSV87409
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

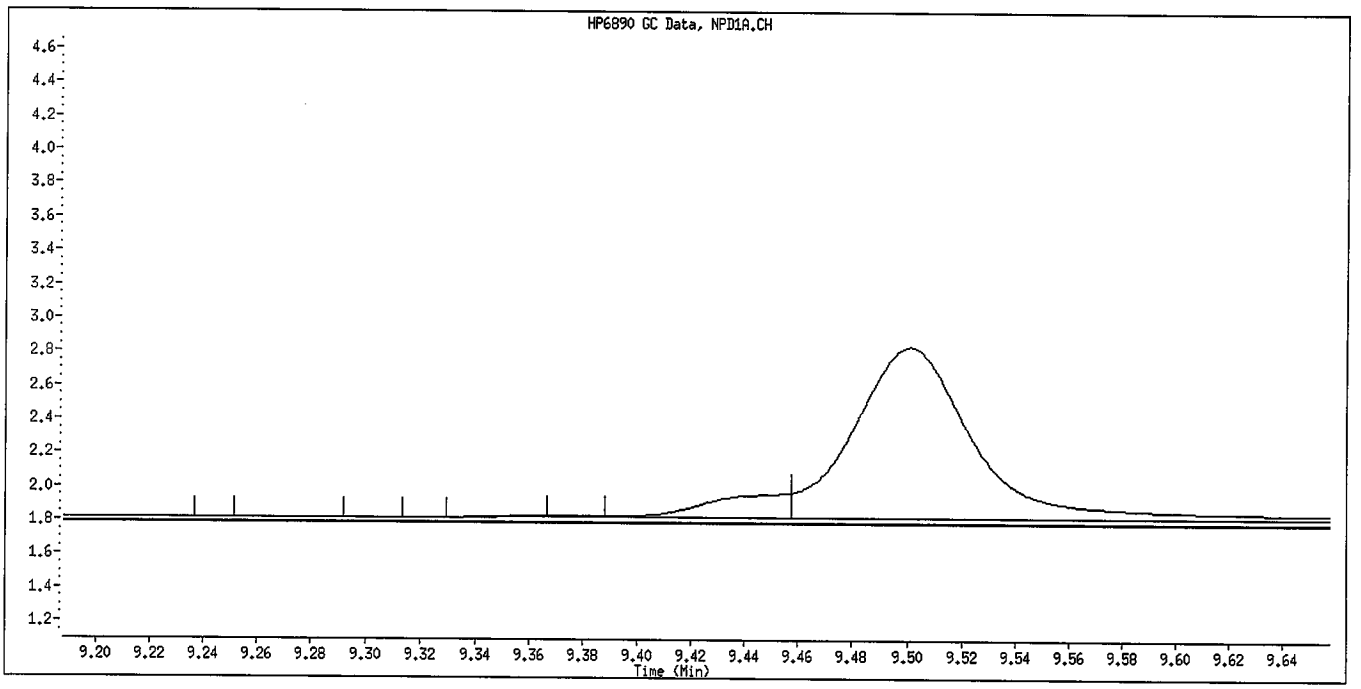
COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
40 Total Demeton	3.0000	0.4889	83.7	15.0	<-
27 Merphos	3.0000	0.4704	84.3	15.0	<-

Average %D = 84.3

Data File Name: 008F0801.D
Inj. Date and Time: 06-AUG-2009 17:58
Instrument ID: GC_D.i
Client ID: 8141 L2 GSV87409
Compound Name: Mevinphos
CAS #:



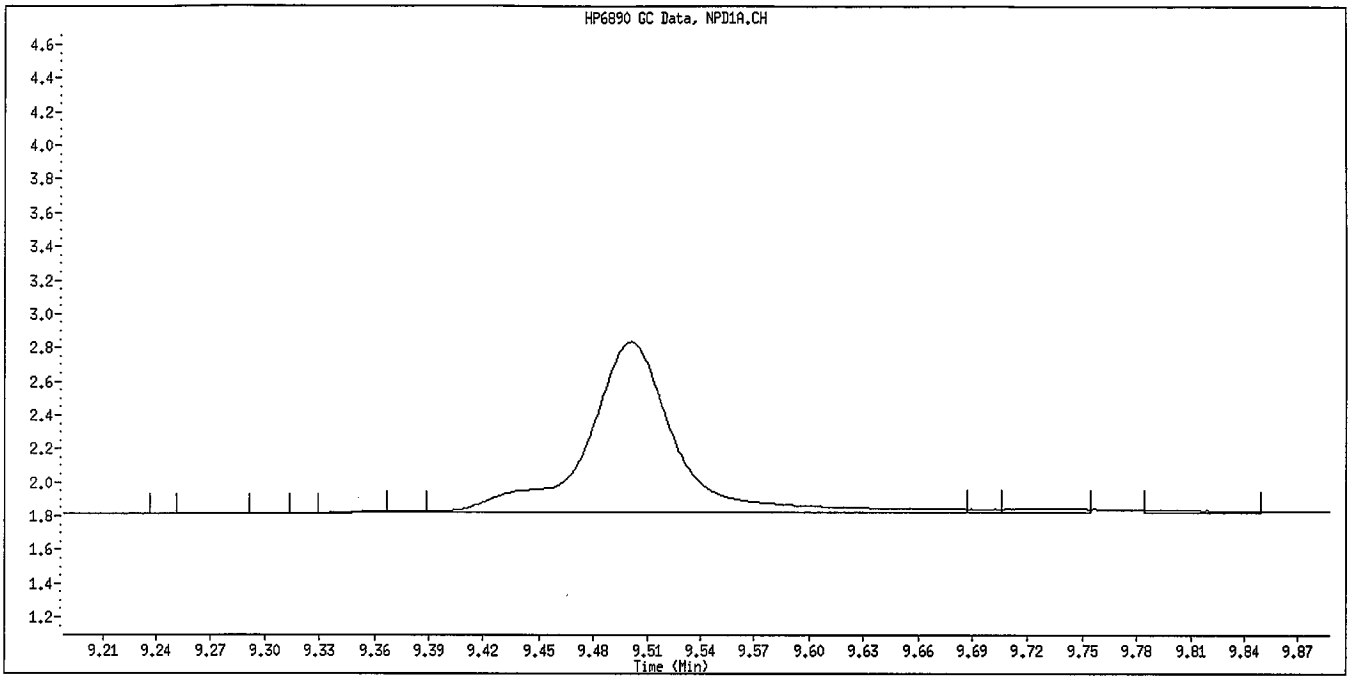
Original Integration



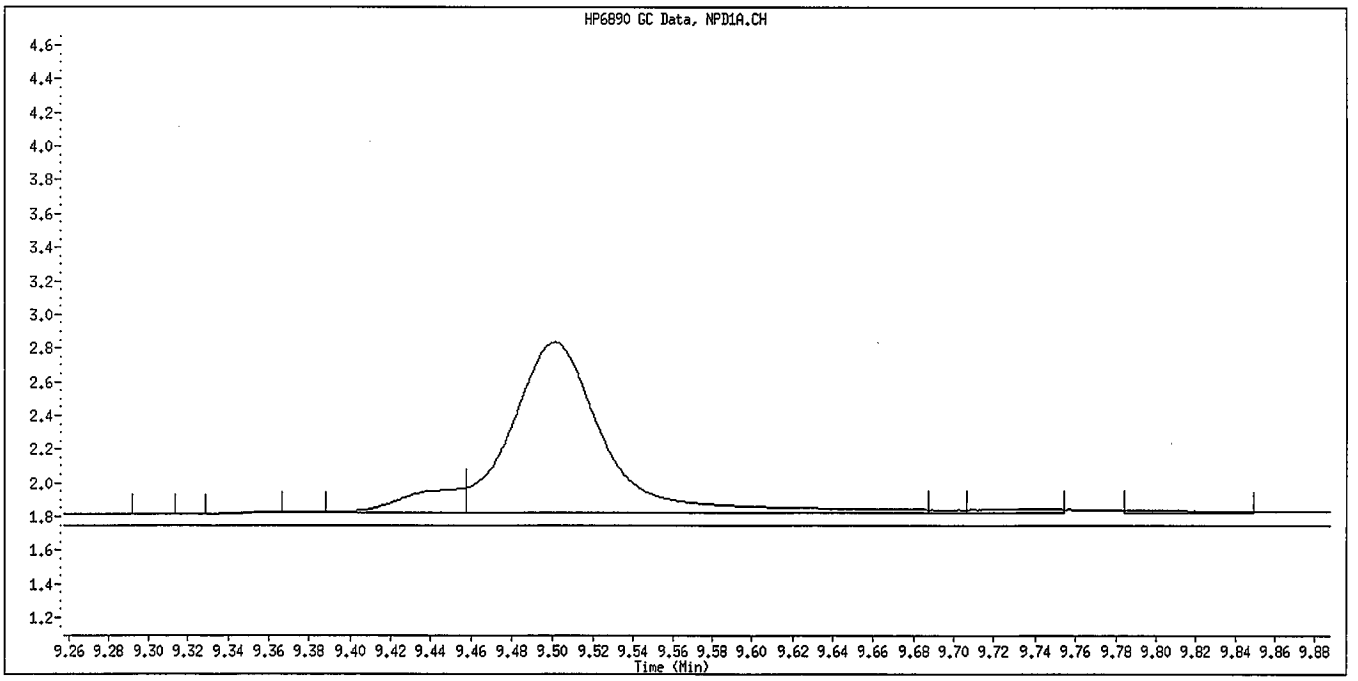
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 008F0801.D
Inj. Date and Time: 06-AUG-2009 17:58
Instrument ID: GC_D.i
Client ID: 8141 L2 GSV87409
Compound Name: Chlormefos
CAS #: 24934-91-6
Report Date: 08/07/2009



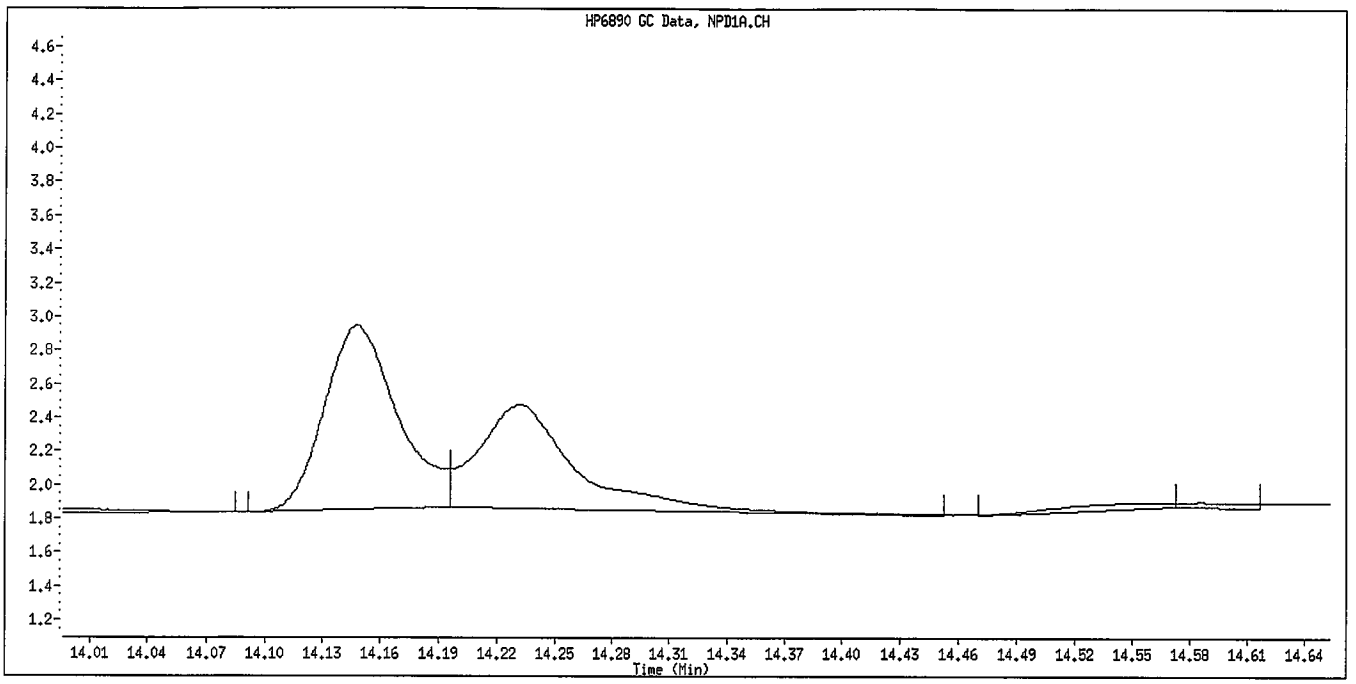
Original Integration



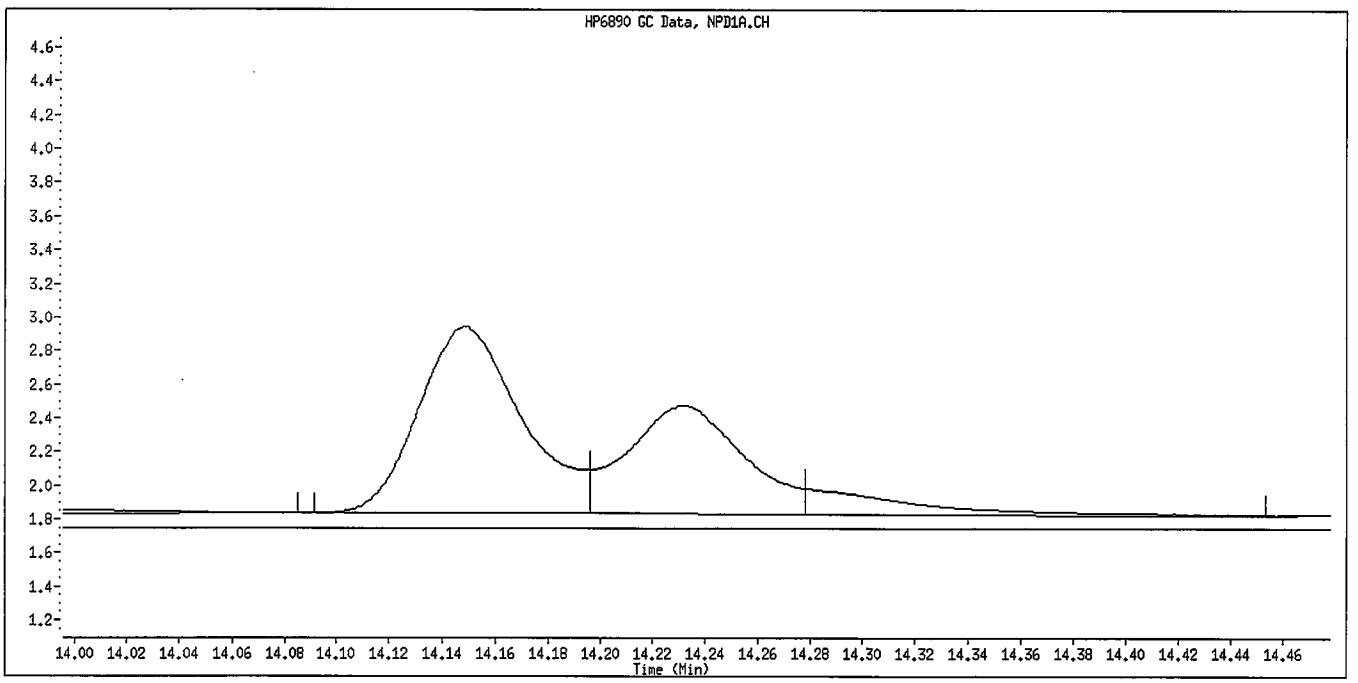
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 008F0801.D
Inj. Date and Time: 06-AUG-2009 17:58
Instrument ID: GC_D.i
Client ID: 8141 L2 GSV87409
Compound Name: Phorate
CAS #: 298-02-2
Report Date: 08/07/2009



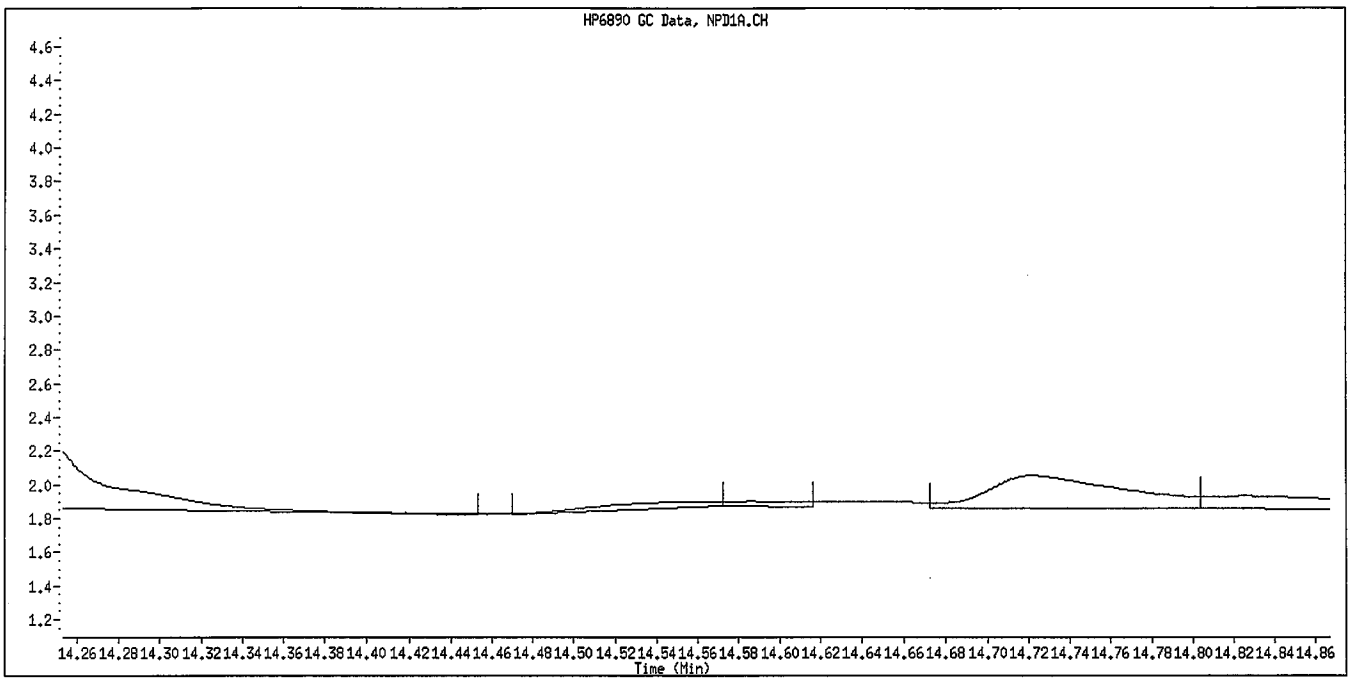
Original Integration



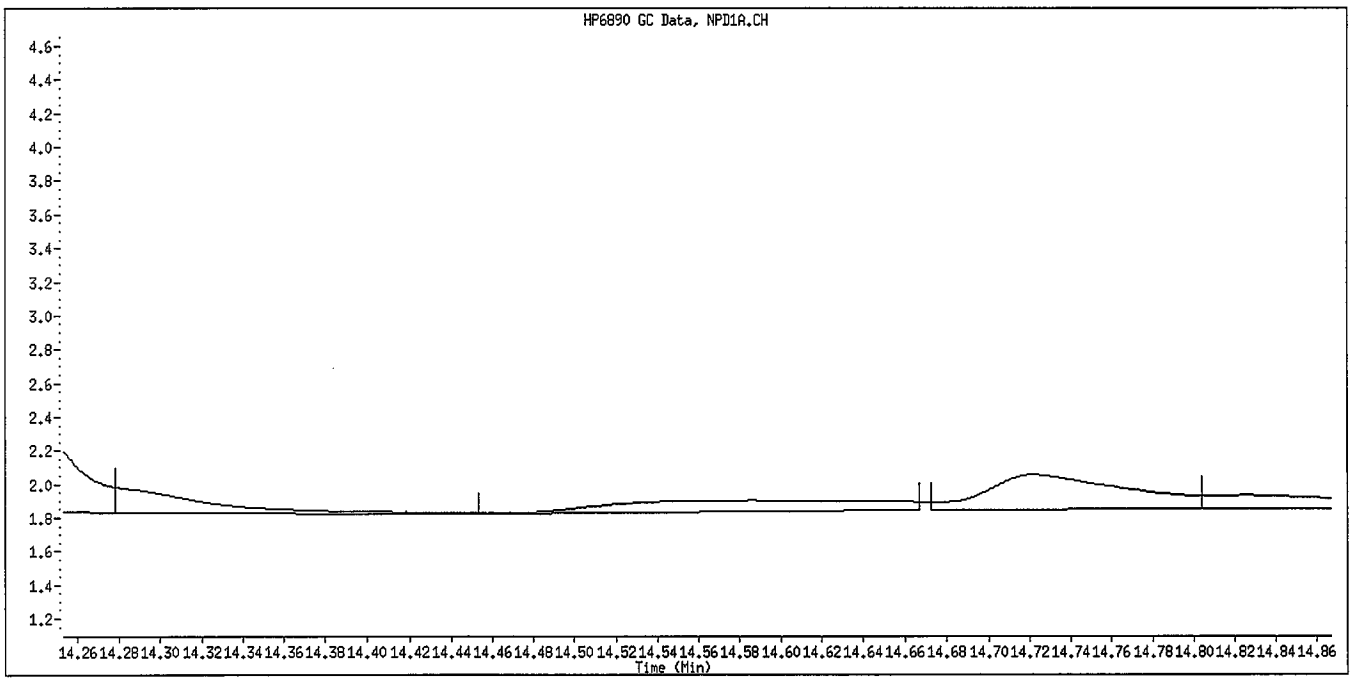
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 008F0801.D
Inj. Date and Time: 06-AUG-2009 17:58
Instrument ID: GC_D.i
Client ID: 8141 L2 GSV87409
Compound Name: Dimethoate
CAS #:
Report Date: 08/07/2009



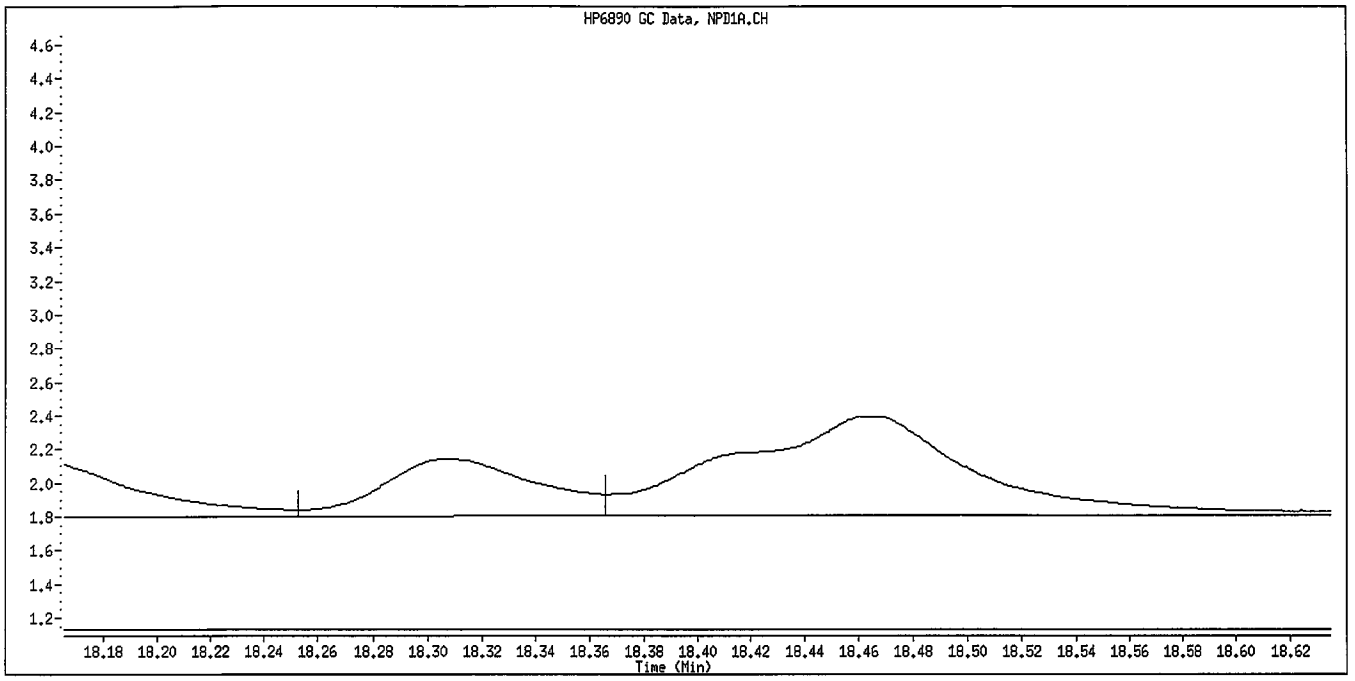
Original Integration



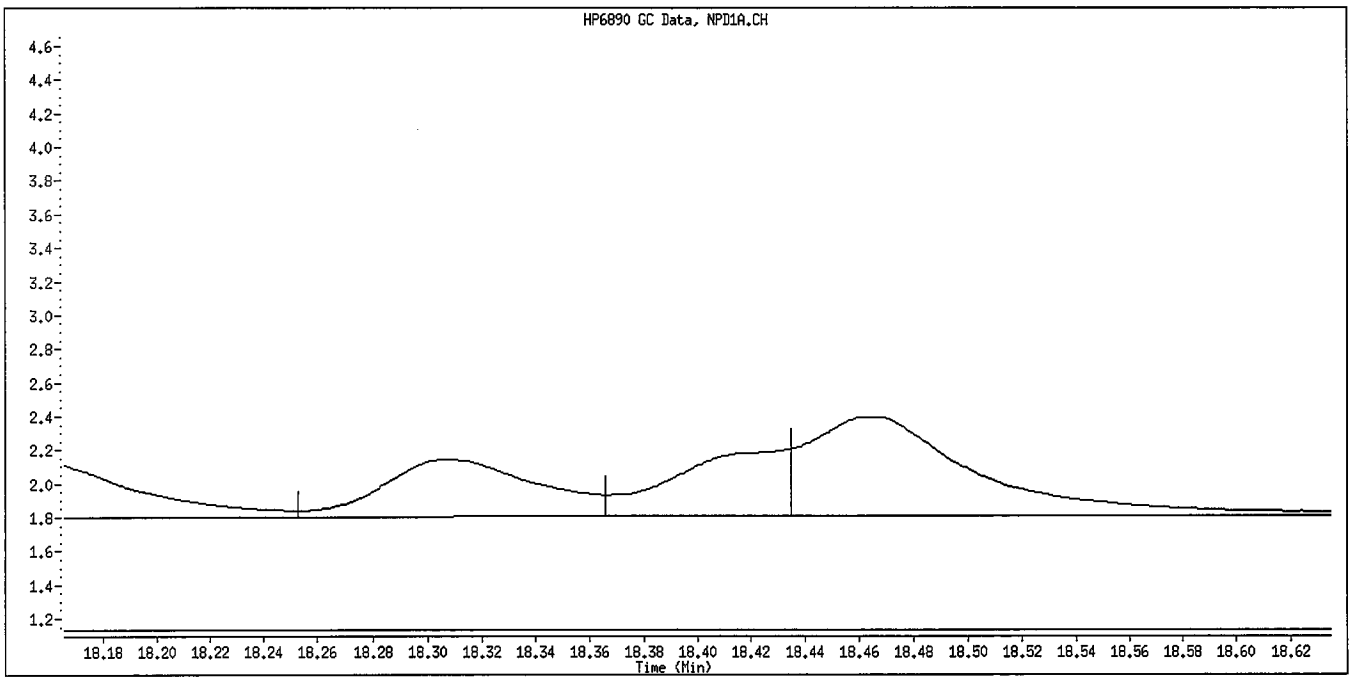
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 008F0801.D
Inj. Date and Time: 06-AUG-2009 17:58
Instrument ID: GC_D.i
Client ID: 8141 L2 GSV87409
Compound Name: Parathion
CAS #:
Report Date: 08/07/2009



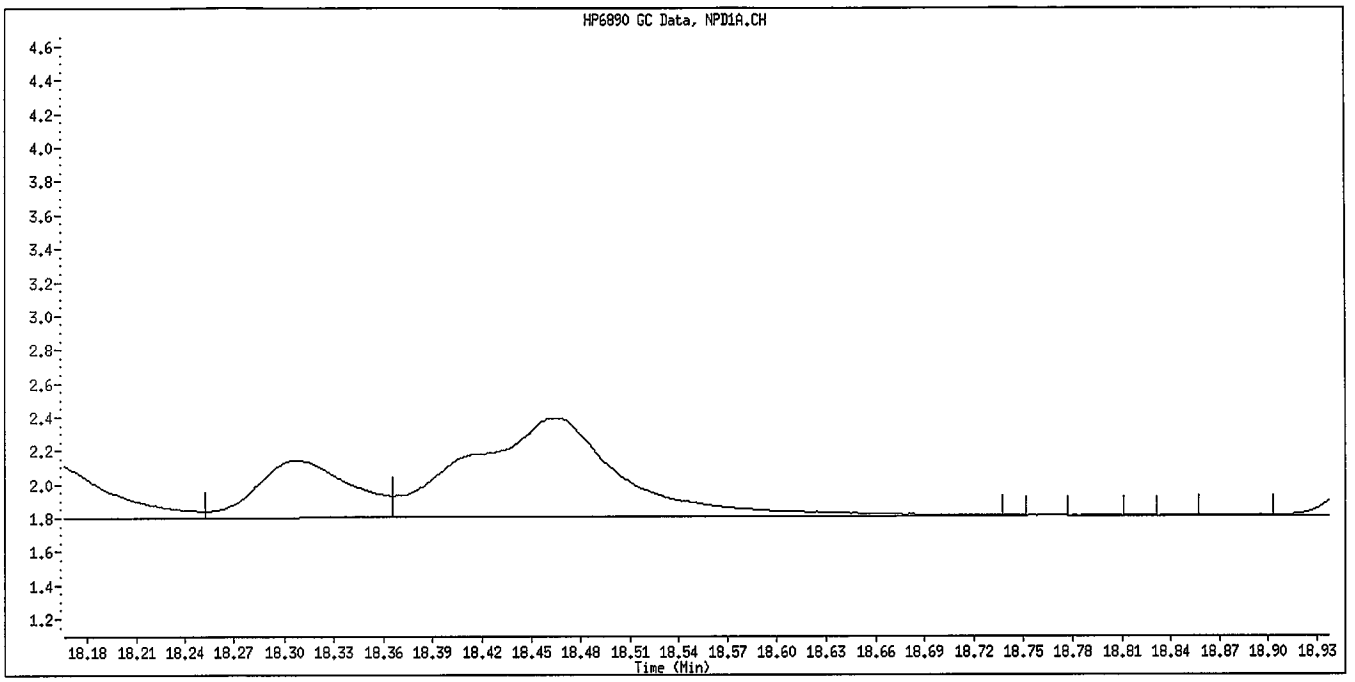
Original Integration



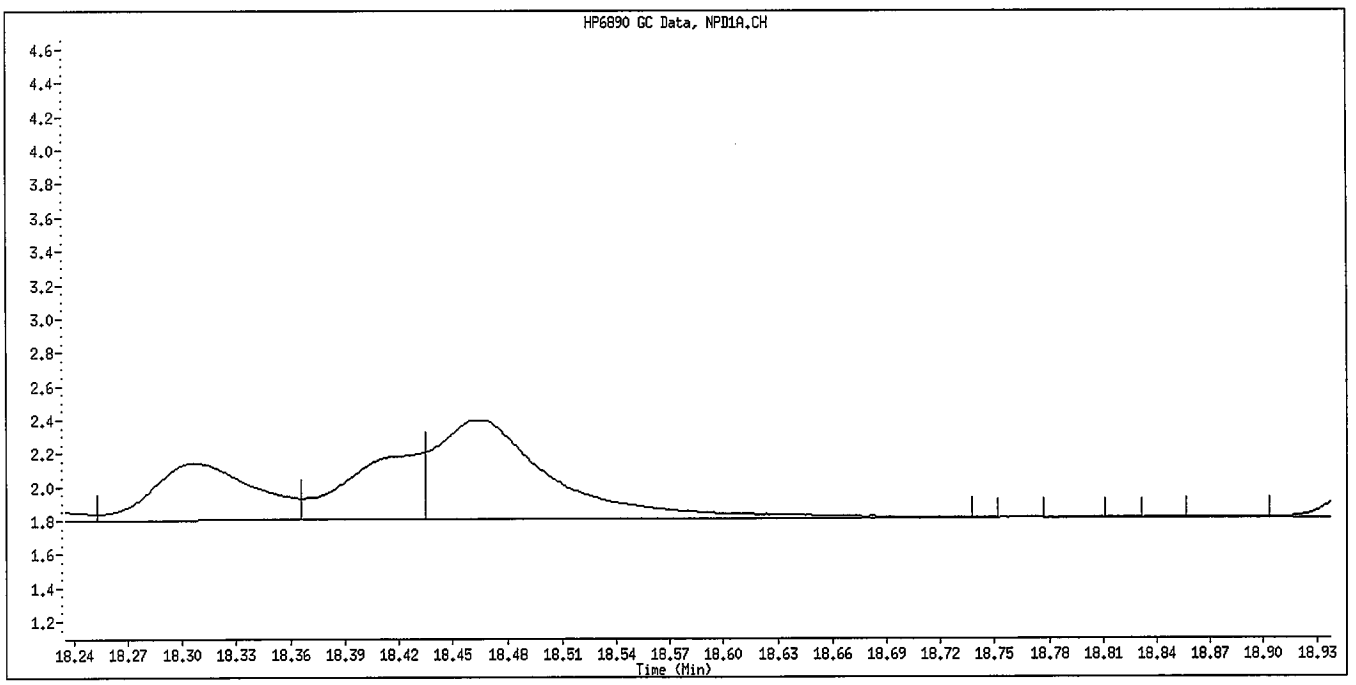
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 008F0801.D
Inj. Date and Time: 06-AUG-2009 17:58
Instrument ID: GC_D.i
Client ID: 8141 L2 GSV87409
Compound Name: Chlorpyrifos
CAS #:
Report Date: 08/07/2009



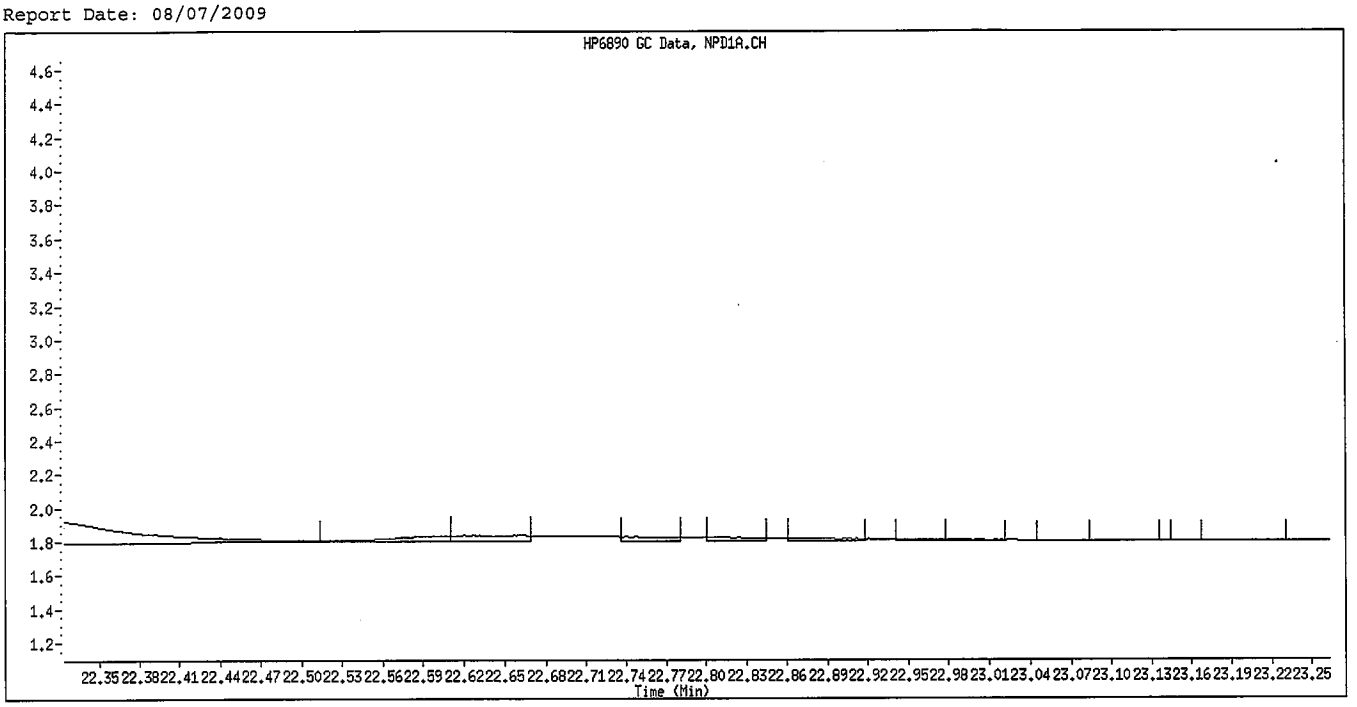
Original Integration



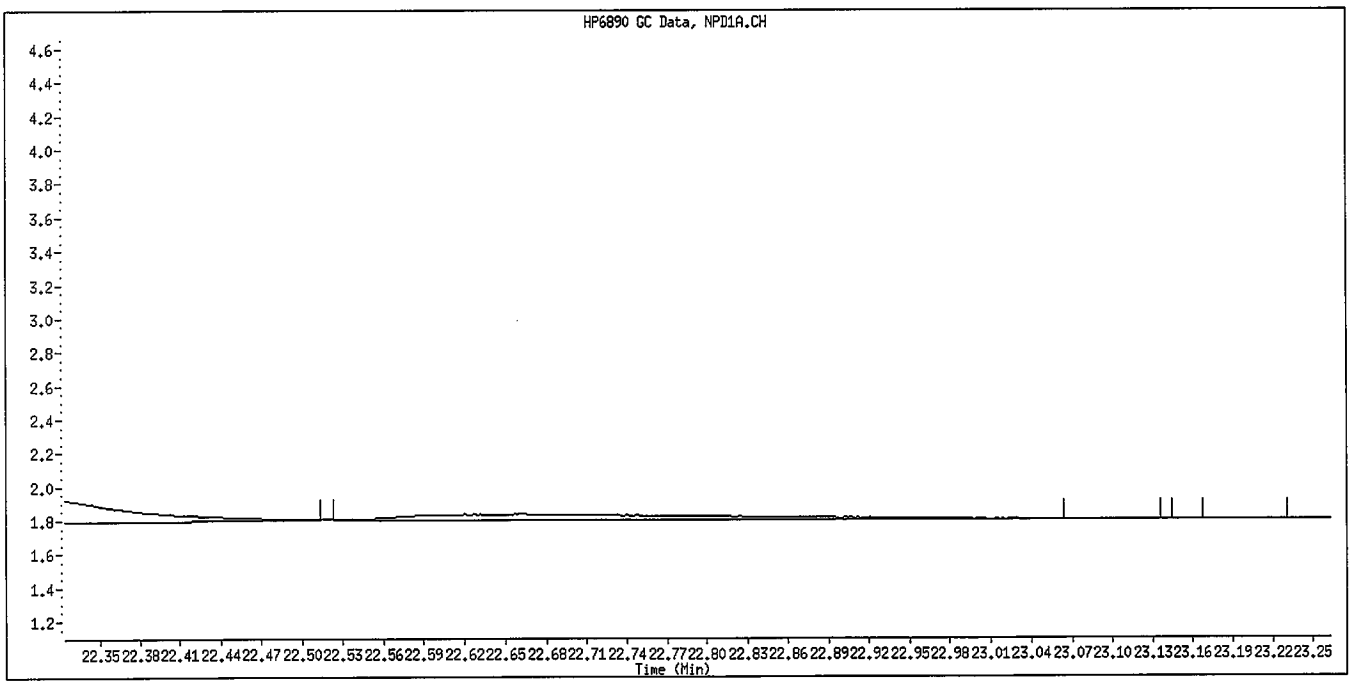
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 008F0801.D
Inj. Date and Time: 06-AUG-2009 17:58
Instrument ID: GC_D.i
Client ID: 8141 L2 GSV87409
Compound Name: Fensulfothion
CAS #:
Report Date: 08/07/2009



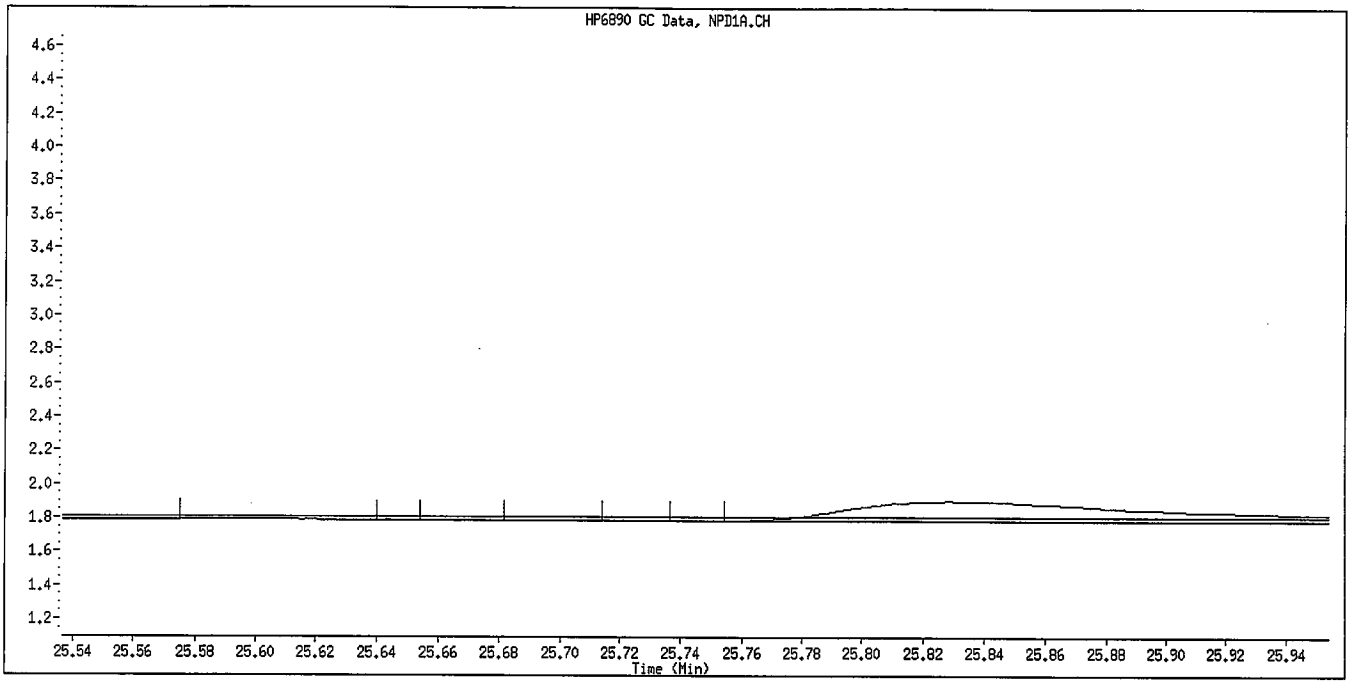
Original Integration



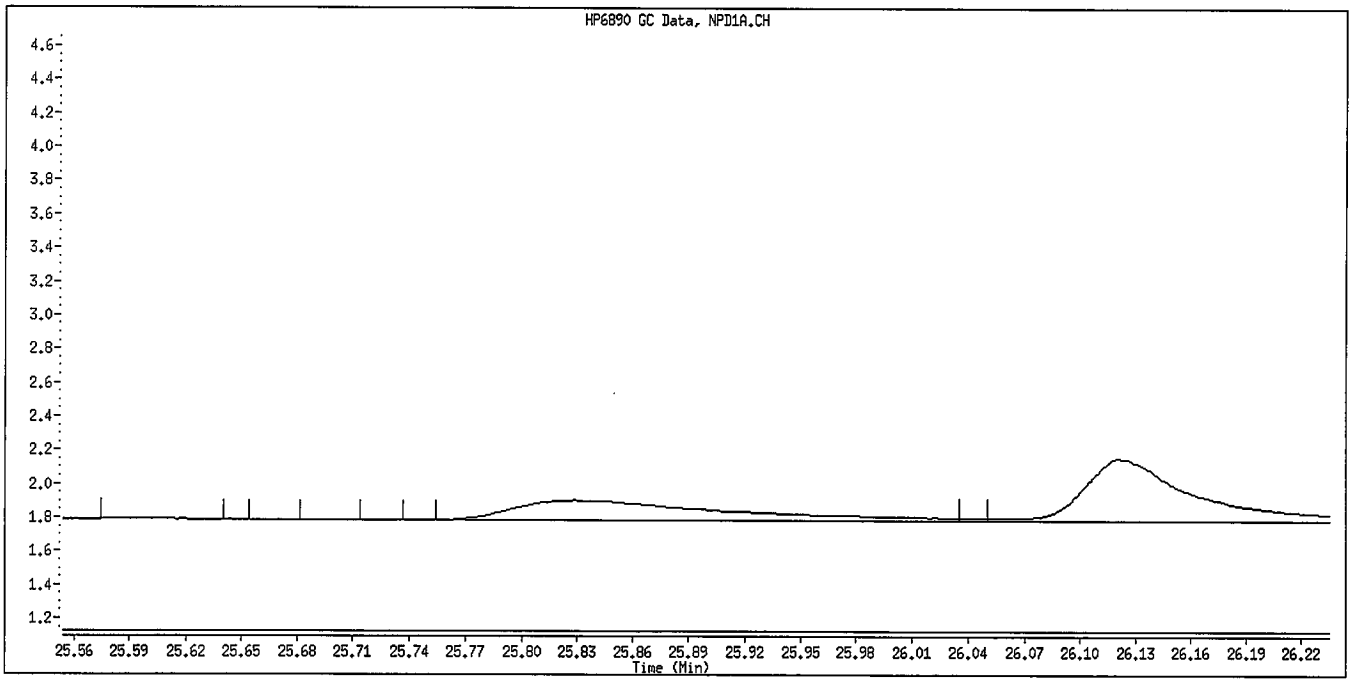
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 008F0801.D
Inj. Date and Time: 06-AUG-2009 17:58
Instrument ID: GC_D.i
Client ID: 8141 L2 GSV87409
Compound Name: Phosmet
CAS #:
Report Date: 08/07/2009



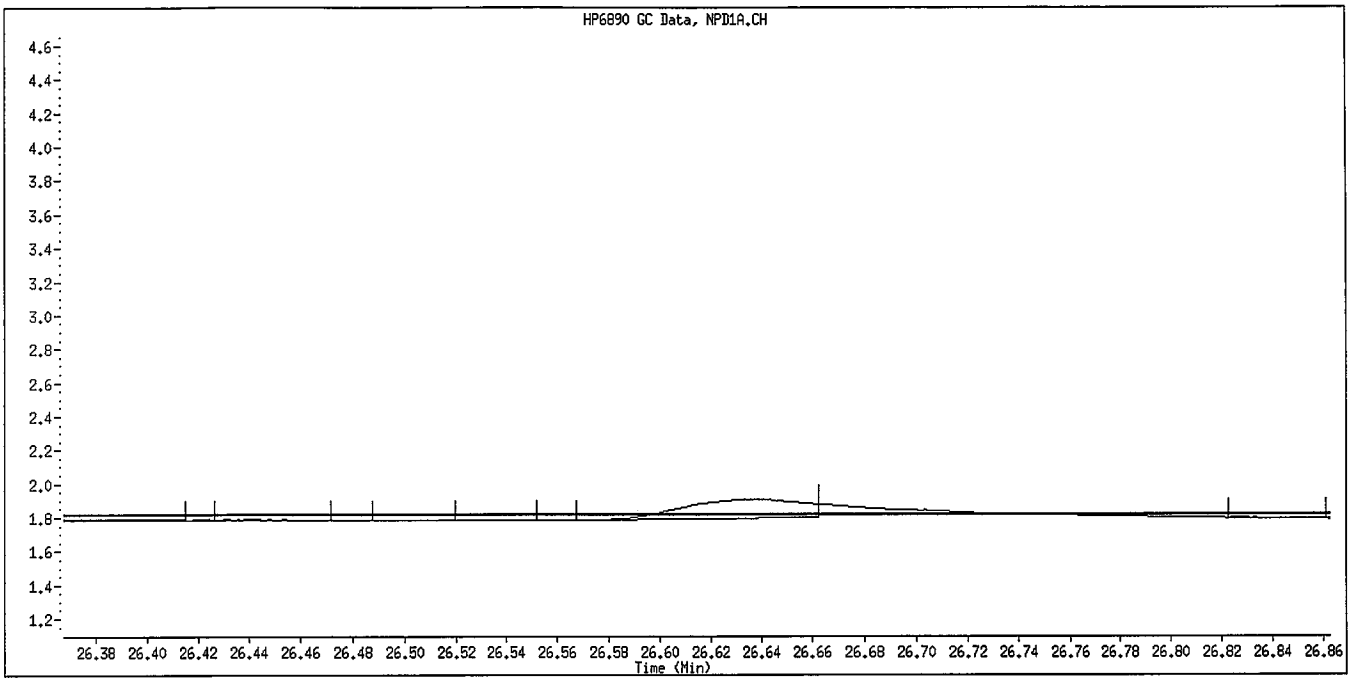
Original Integration



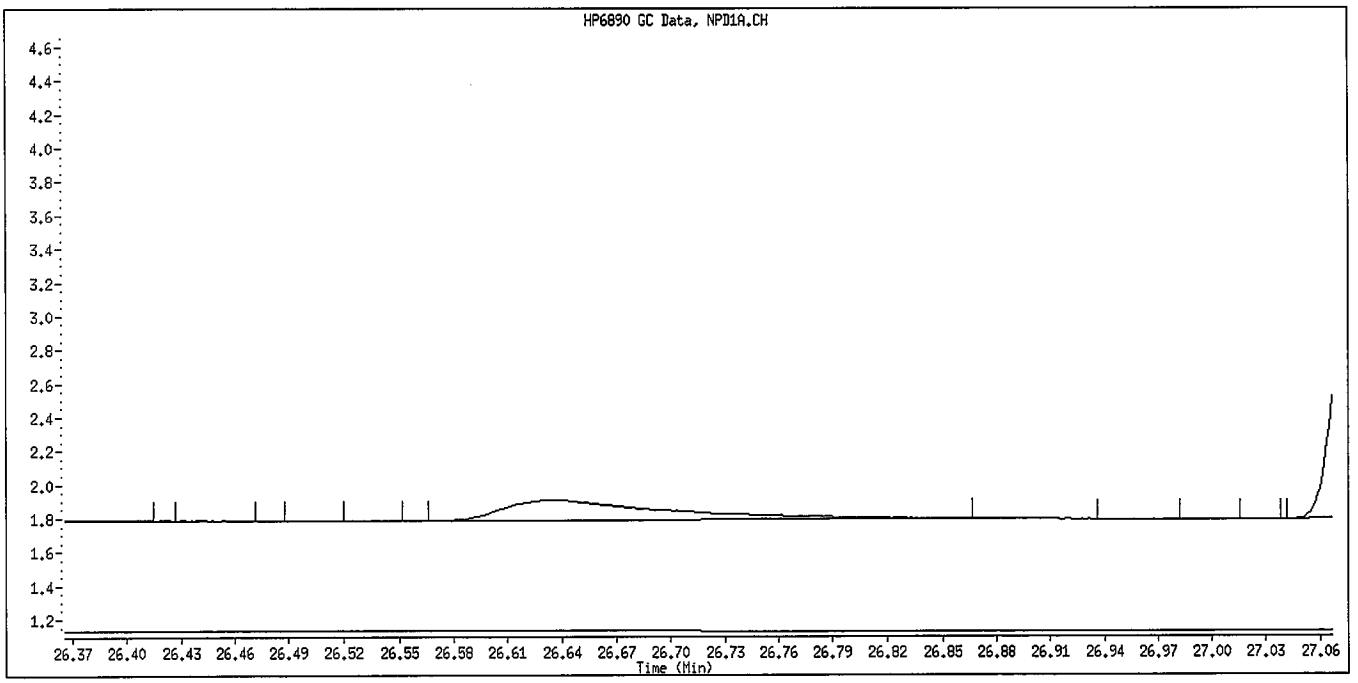
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 008F0801.D
Inj. Date and Time: 06-AUG-2009 17:58
Instrument ID: GC_D.i
Client ID: 8141 L2 GSV87409
Compound Name: Azinphos-methyl
CAS #:
Report Date: 08/07/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\009F0901.D
Lab Smp Id: 8141 L1 GSV87509 Client Smp ID: 8141 L1 GSV87509
Inj Date : 06-AUG-2009 18:34
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L1 GSV87509
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Meth Date : 07-Aug-2009 13:45 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 17:58 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	4.270	4.267	(0.311)	182432	0.20000	0.2229
	2 Dichlorvos	5.885	5.865	(0.428)	67759	0.20000	0.2109
	3 Mevinphos	9.401	9.407	(0.684)	91	0.20000	0.4022
$	4 Chlormefos	9.501	9.502	(0.691)	130407	0.20000	0.2216
	5 Thionazin	12.642	12.625	(0.919)	61338	0.20000	0.2027
	6 Demeton-O	12.879	12.876	(0.937)	30299	0.06500	0.06629
	7 Ethoprop	13.241	13.205	(0.963)	42588	0.20000	0.1917
	8 Naled	13.512	13.482	(0.983)	9478	0.20000	0.2341
*	9 Tributylphosphate	13.749	13.714	(1.000)	763264	2.00000	
	10 Sulfotepp	14.151	14.143	(1.029)	119283	0.20000	0.1996
	11 Phorate	14.230	14.227	(1.035)	86740	0.20000	0.2204(M)
	12 Dimethoate	Compound Not Detected.					
	13 Demeton-S	14.678	14.682	(1.068)	421	0.13600	0.01740
	14 Simazine	14.839	14.783	(1.079)	4949	0.20000	0.2397
	15 Atrazine	15.066	14.997	(1.096)	12533	0.20000	0.2594
	16 propazine	Compound Not Detected.					
	17 Disulfoton	15.894	15.866	(0.587)	48155	0.20000	0.2016
	18 Diazinon	15.954	15.934	(0.589)	122906	0.20000	0.2010
	19 Methyl Parathion	16.903	16.829	(0.624)	40155	0.20000	0.2010(M)
	20 Ronnel	17.489	17.456	(0.646)	57362	0.20000	0.1804
	21 Malathion	18.182	18.134	(0.671)	47746	0.20000	0.1722
	22 Fenthion	18.329	18.284	(0.677)	49230	0.20000	0.2075
	23 Parathion	Compound Not Detected.					
	24 Chlorpyrifos	18.476	18.451	(0.682)	166108	0.20000	0.2504
	25 Trichloronate	18.987	18.958	(0.701)	81341	0.20000	0.2058
	26 Anilazine	19.337	19.345	(0.714)	413	0.20000	0.4143
	27 Merphos-A (Merphos)	19.827	19.804	(0.732)	27686	0.20000	0.2057
	28 Tetrachlorvinphos (Stirophos)	20.614	20.532	(0.761)	27000	0.20000	0.2084(M)
	29 Tokuthion	21.318	21.278	(0.787)	76330	0.20000	0.2031
	30 Merphos-B (Merphos Oxone)	21.581	21.536	(0.797)	49732	0.20000	0.2966
	31 Carbophenothion-methyl	22.342	22.254	(0.825)	29119	0.20000	0.2073(M)
	32 Fensulfothion	Compound Not Detected.					
	33 Bolstar / Famphur	23.694	23.627	(0.875)	97513	0.40000	0.4083(M)

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	24.017	23.947	(0.887)	59933	0.20000	0.1971(M)
$	35 Triphenyl phosphate	25.327	25.270	(0.935)	41538	0.20000	0.1718
	36 Phosmet	25.860	25.769	(0.955)	25548	0.20000	0.2071(M)
	37 EPN	26.132	26.097	(0.965)	58024	0.20000	0.1855
	38 Azinphos-methyl	26.645	26.584	(0.984)	25233	0.20000	0.2530(M)
*	39 TOCP	27.086	27.076	(1.000)	553974	2.00000	
	40 Azinphos-ethyl	27.219	27.172	(1.005)	66517	0.20000	0.2310
	41 Coumaphos	27.740	27.694	(1.024)	33445	0.20000	0.2085(M)
M	42 Total Demeton				30720	0.20000	0.08369
M	43 Merphos				77418	0.20000	0.2116

QC Flag Legend

M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

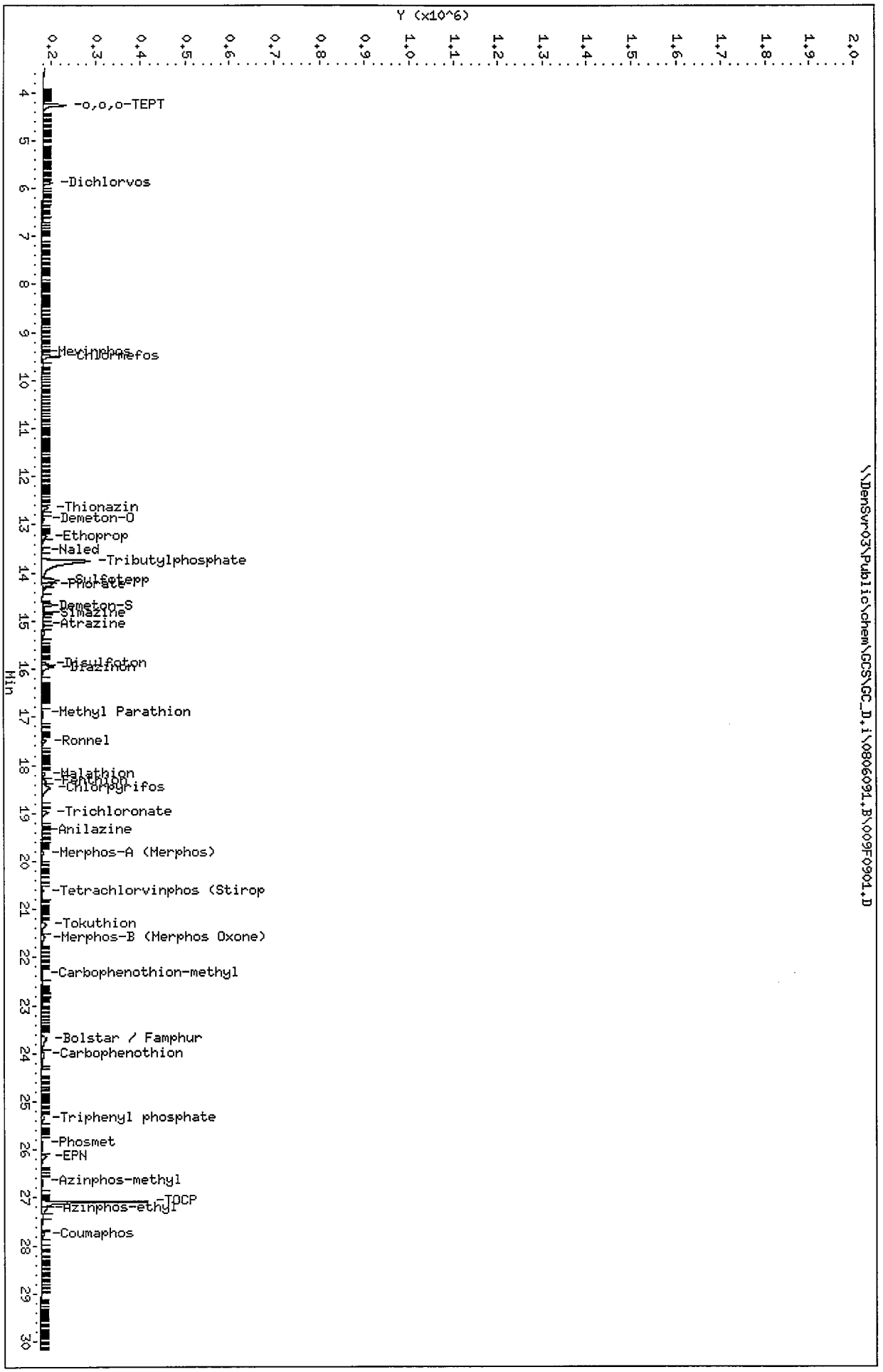
Instrument ID: GC_D.i
Lab File ID: 009F0901.D
Lab Smp Id: 8141 L1 GSV87509
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Misc Info:

Calibration Date: 07-AUG-2009
Calibration Time: 06:42
Client Smp ID: 8141 L1 GSV8750
Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	1034306	517153	2068612	763264	-26.21
39 TOCP	695324	347662	1390648	553974	-20.33

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.70	13.20	14.20	13.75	0.37
39 TOCP	27.08	26.58	27.58	27.09	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.


Data File: \\DenSvr03\Public\chem\GCS\GC_D,i\0806091,B\009F0901,D
Date : 06-AUG-2009 18:34
Client ID: 8141 L1 GSV87509
Sample Info: 8141 L1 GSV87509
Column phase: RTx-1MS
Instrument: GC_D,i
Operator: MPK/TLM
Column diameter: 0.32
\\DenSvr03\Public\chem\GCS\GC_D,i\0806091,B\009F0901,D
Y (x10^6)
Min
-o,o,o-TEPT
-Dichlorvos
-Mevinphos
-Chlormefos
-Thionazin
-Demeton-O
-Ethoprop
-Naled
-Tributylphosphate
-Sulfotepp
-Phorate
-Demeton-S
-Simazine
-Atrazine
-Disulfoton
-Diazinon
-Methyl Parathion
-Ronnel
-Malathion
-Fenthion
-Chlorpyrifos
-Trichloronate
-Anilazine
-Merphos-A (Merphos)
-Tetrachlorvinphos (Stirop
-Tokuthion
-Merphos-B (Merphos Oxone)
-Carbophenothion-methyl
-Bolstar / Famphur
-Carbophenothion
-Triphenyl phosphate
-Phosmet
-EPN
-Azinphos-methyl
-TDCP
-Azinphos-ethyl
-Coumaphos

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/009F0901.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: GC_D.i
Lab File ID: 009F0901.D
Analysis Type: NONE

Injection Date: 06-AUG-2009 18:34
Lab Sample ID: 8141 L1 GSV87509
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
1	o,o,o-TEPT	3.0000	0.2454	91.8	15.0	<-
2	Dichlorvos	3.0000	0.2109	93.0	15.0	<-
3	Mevinphos	3.0000	0.2214	92.6	15.0	<-
4	Chlormefos	3.0000	0.2216	92.6	15.0	<-
5	Thionazin	3.0000	0.2027	93.2	15.0	<-
6	Demeton-O	0.9750	0.0797	91.8	15.0	<-
7	Ethoprop	3.0000	0.1917	93.6	15.0	<-
8	Naled	3.0000	0.2152	92.8	15.0	<-
9	Sulfotepp	3.0000	0.1996	93.3	15.0	<-
10	Phorate	3.0000	0.2032	93.2	15.0	<-
11	Dimethoate	3.0000	0.0000	100.0	15.0	<-
12	Demeton-S	2.0400	0.0015	99.9	15.0	<-
13	Simazine	3.0000	0.1647	94.5	15.0	<-
14	Atrazine	3.0000	0.2057	93.1	15.0	<-
15	propazine	3.0000	0.0000	100.0	15.0	<-
17	Disulfoton	3.0000	0.1917	93.6	15.0	<-
16	Diazinon	3.0000	0.2700	91.0	15.0	<-
18	Methyl Parathion	3.0000	0.1960	93.5	15.0	<-
19	Ronnel	3.0000	0.2162	92.8	15.0	<-
20	Malathion	3.0000	0.1722	94.3	15.0	<-
21	Fenthion	3.0000	0.2075	93.1	15.0	<-
22	Parathion	3.0000	0.0000	100.0	15.0	<-
23	Chlorpyrifos	3.0000	0.2100	93.0	15.0	<-
24	Trichloronate	3.0000	0.2163	92.8	15.0	<-
25	Anilazine	3.0000	0.3483	88.4	15.0	<-
148	Merphos-A (Merphos)	3.0000	0.2490	91.7	999.0	
26	Tetrachlorvinphos (Stirophos)	3.0000	0.2225	92.6	15.0	<-
28	Tokuthion	3.0000	0.2031	93.2	15.0	<-
149	Merphos-B (Merphos Oxone)	3.0000	0.3775	87.4	999.0	
29	Carbophenothion-methyl	3.0000	0.2073	93.1	15.0	<-
29	Fensulfothion	3.0000	0.0000	100.0	15.0	<-
30	Bolstar / Famphur	6.0000	0.3188	94.7	15.0	<-
32	Carbophenothion	3.0000	0.1971	93.4	15.0	<-
31	Triphenyl phosphate	3.0000	0.1718	94.3	15.0	<-
34	Phosmet	3.0000	0.1157	96.1	15.0	<-
32	EPN	3.0000	0.1855	93.8	15.0	<-
33	Azinphos-methyl	3.0000	0.2350	92.2	15.0	<-
38	Azinphos-ethyl	3.0000	0.2128	92.9	15.0	<-
36	Coumaphos	3.0000	0.1505	95.0	15.0	<-

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B/009F0901.D
Report Date: 08/07/2009

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

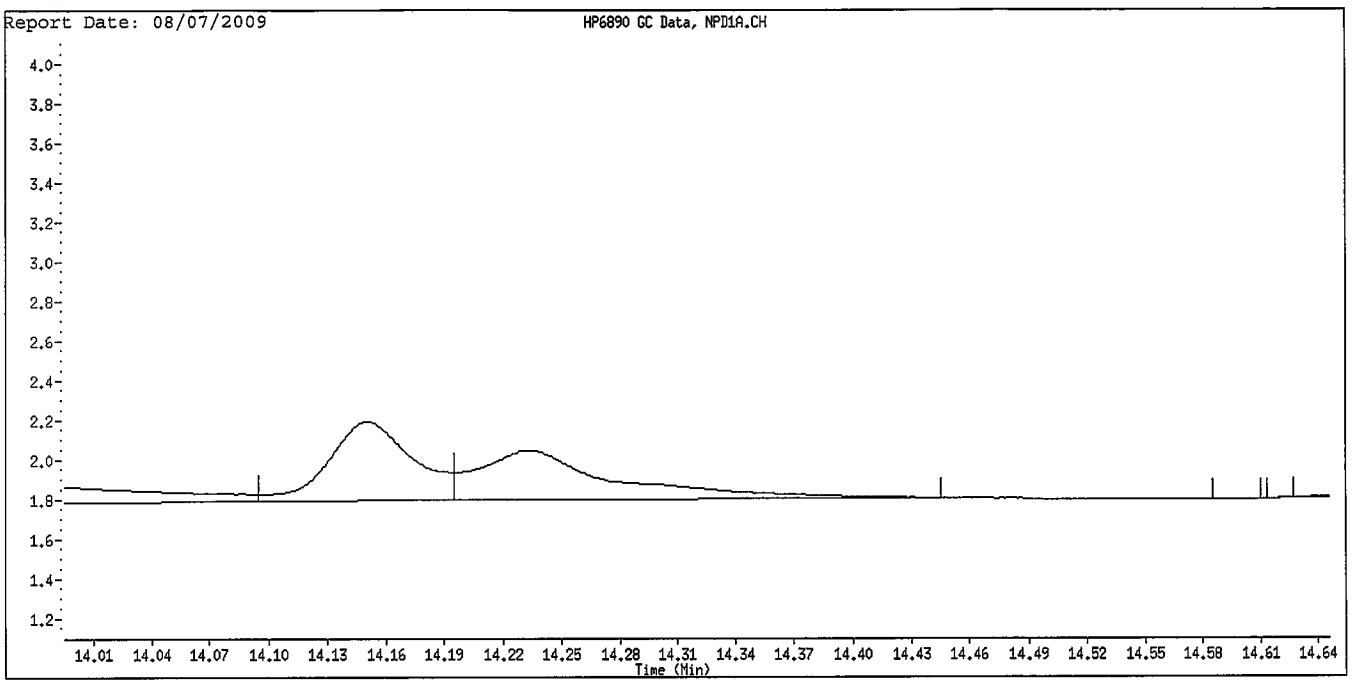
Instrument ID: GC_D.i
Lab File ID: 009F0901.D
Analysis Type: NONE

Injection Date: 06-AUG-2009 18:34
Lab Sample ID: 8141 L1 GSV87509
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i

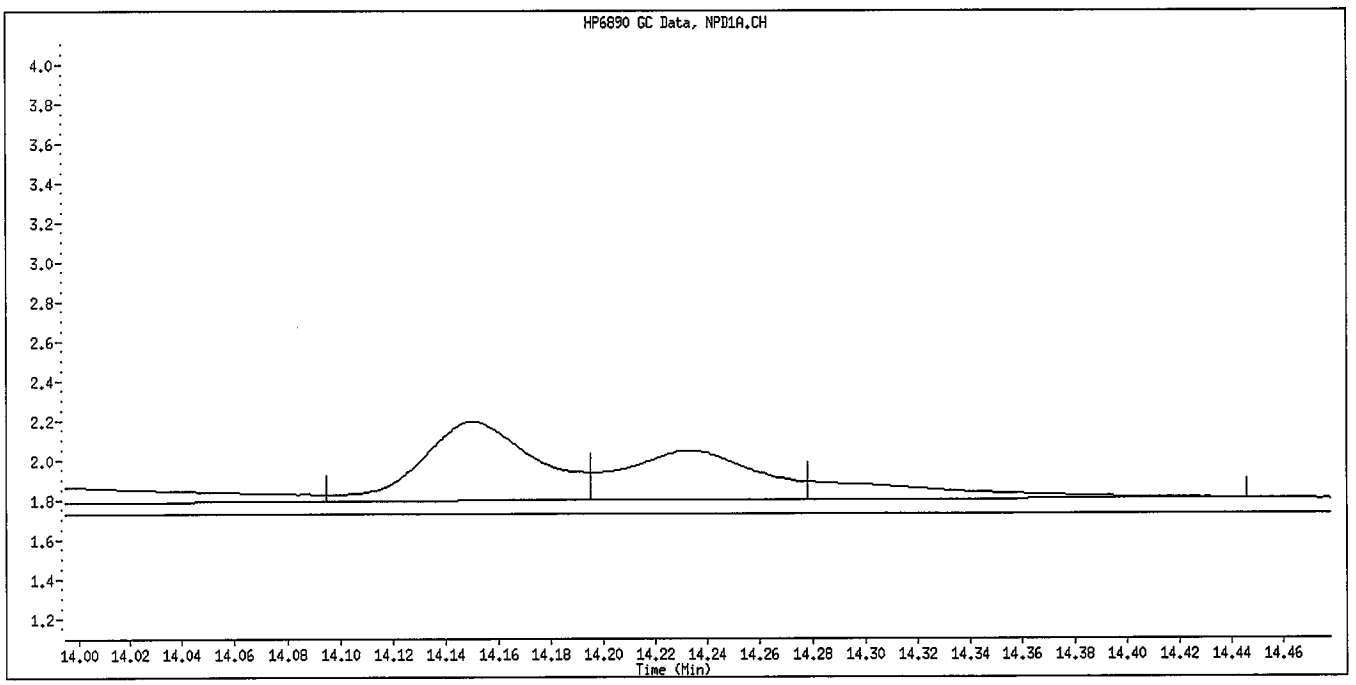
COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
40 Total Demeton	3.0000	0.0812	97.3	15.0	<-
27 Merphos	3.0000	0.2116	92.9	15.0	<-

Average %D = 93.9

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Phorate
CAS #: 298-02-2



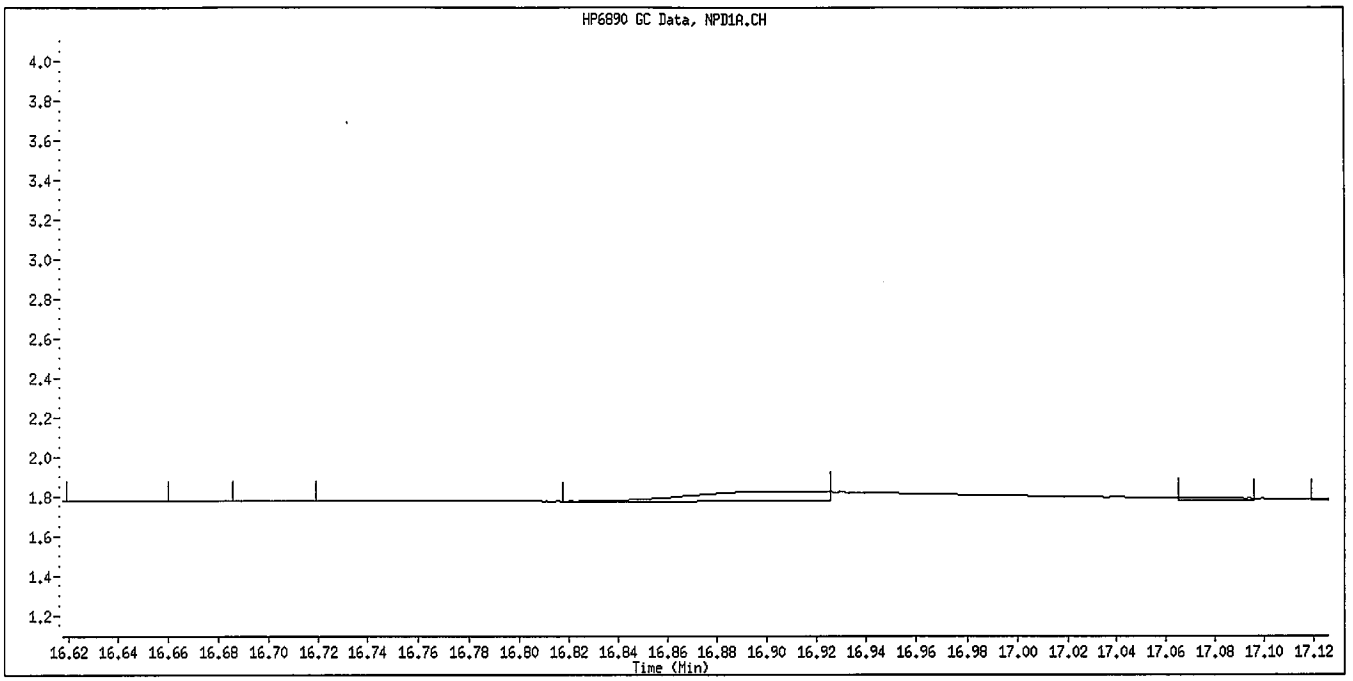
Original Integration



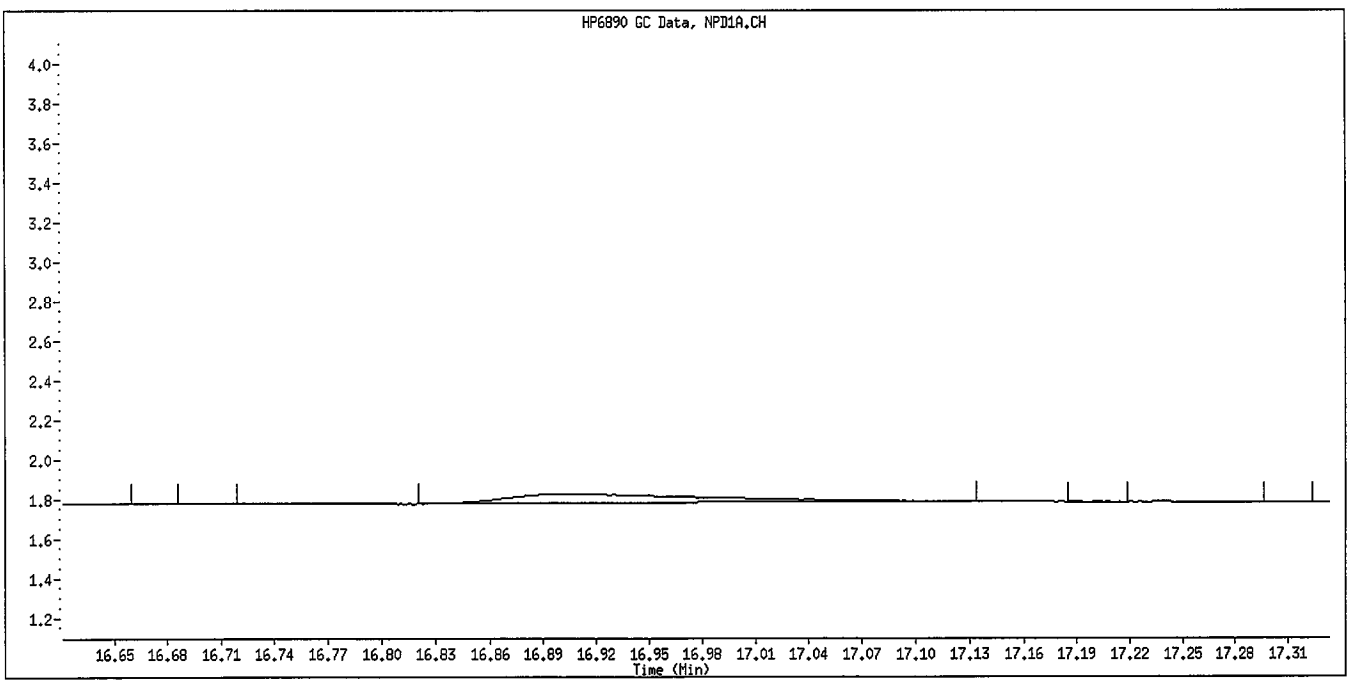
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Methyl Parathion
CAS #: 298-00-0
Report Date: 08/07/2009



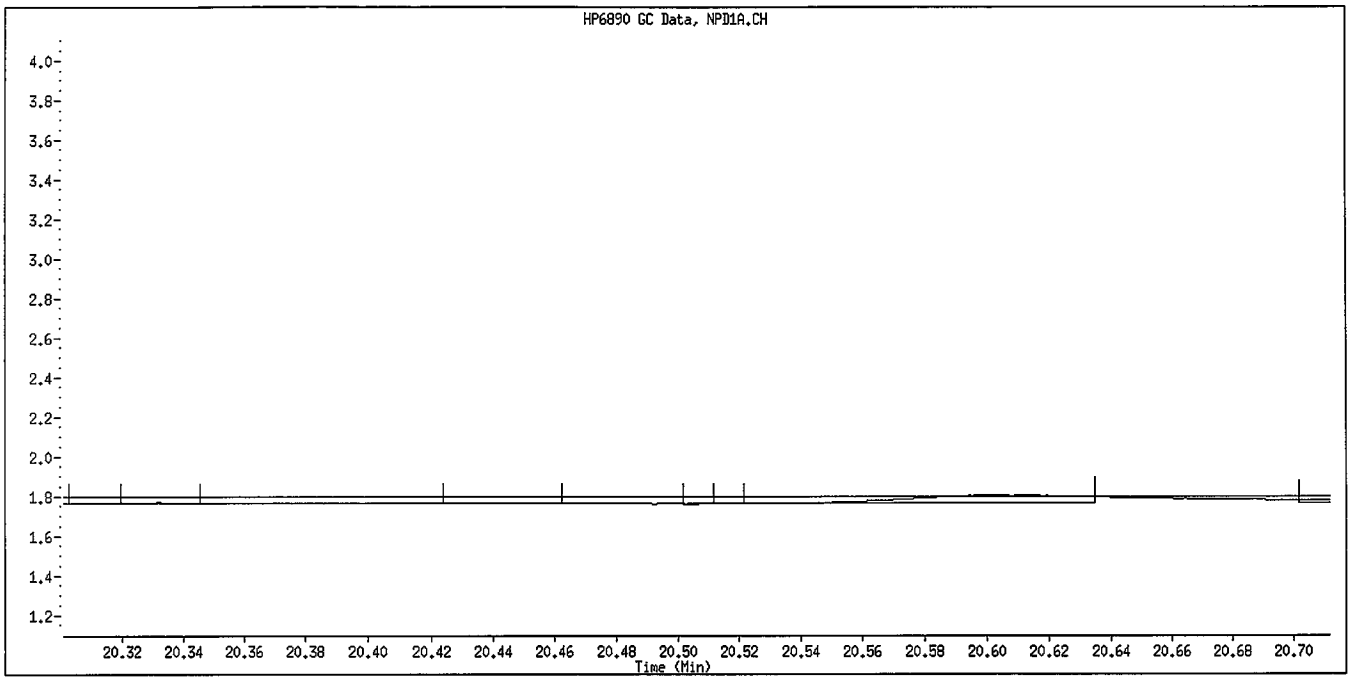
Original Integration



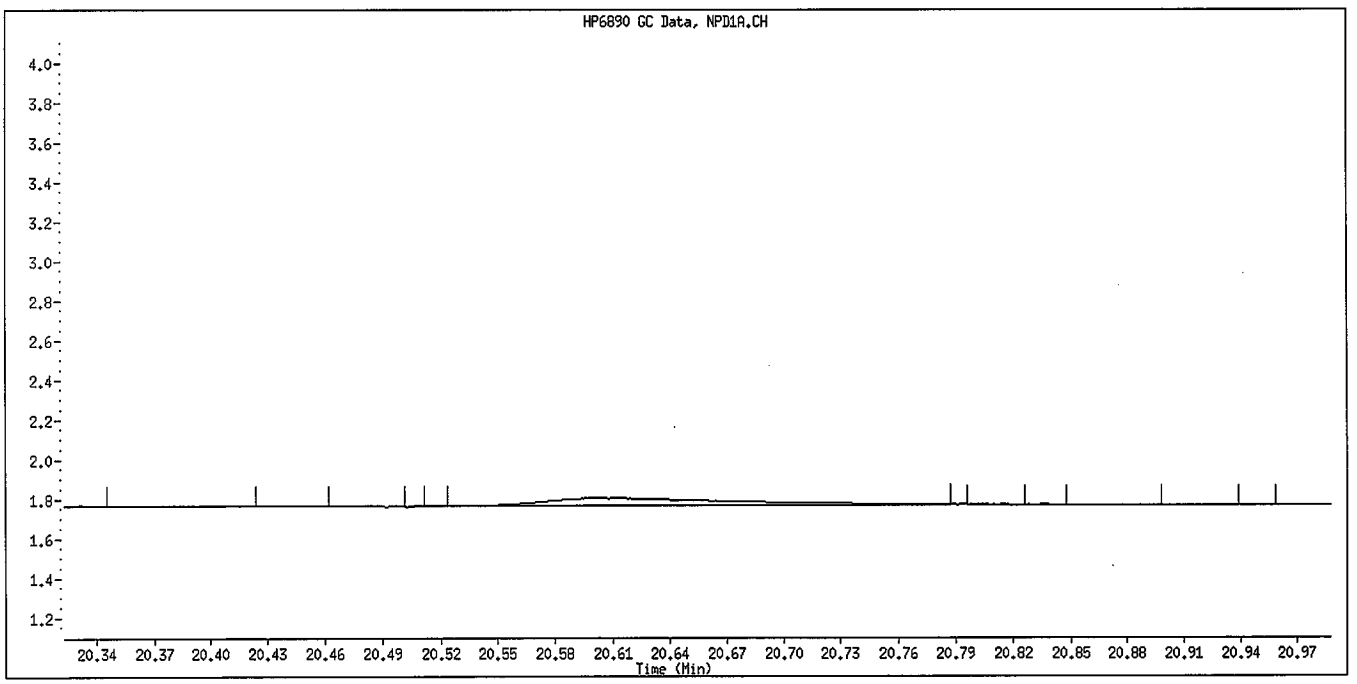
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Tetrachlorvinphos (Stirophos)
CAS #:
Report Date: 08/07/2009



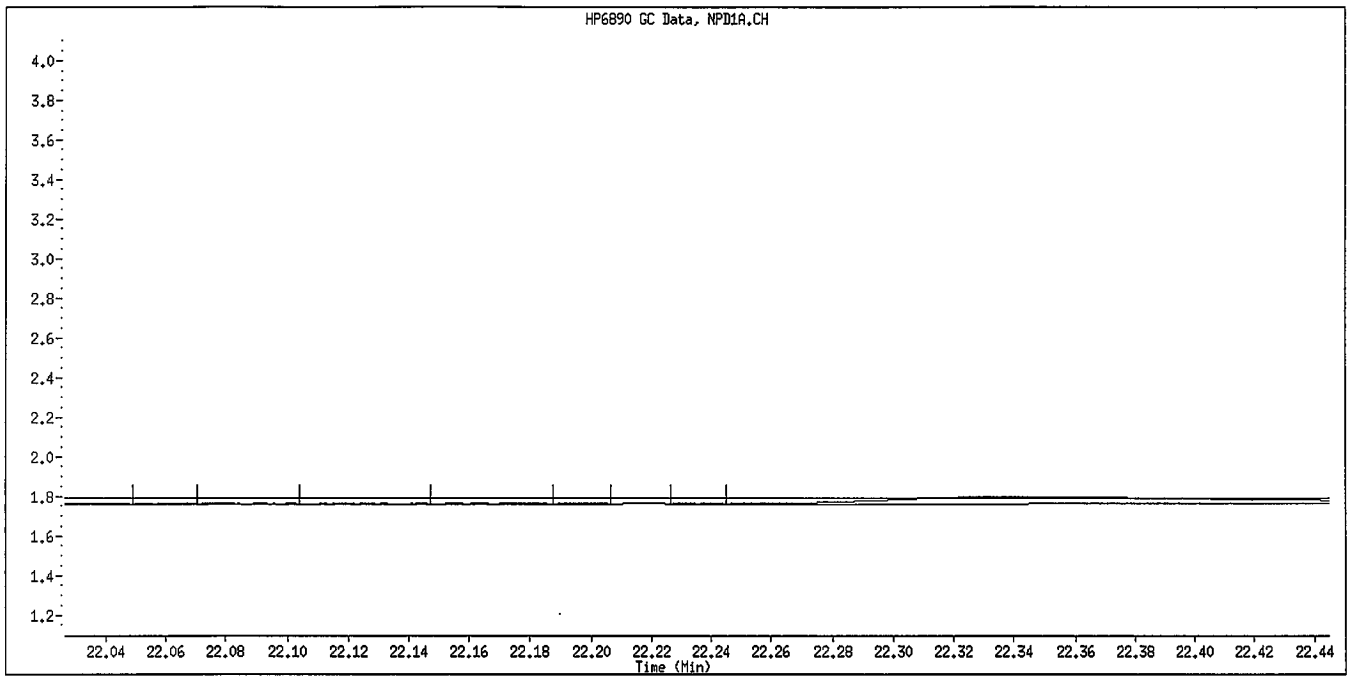
Original Integration



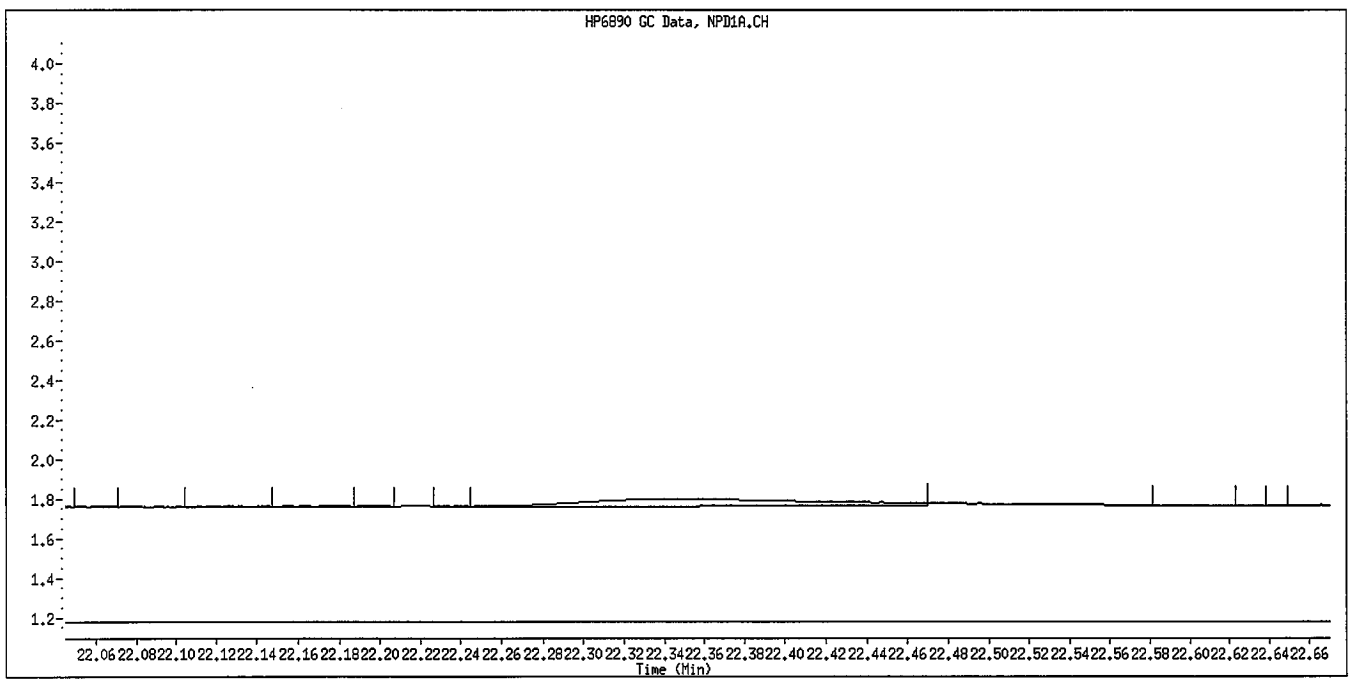
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Carbophenothion-methyl
CAS #:
Report Date: 08/07/2009



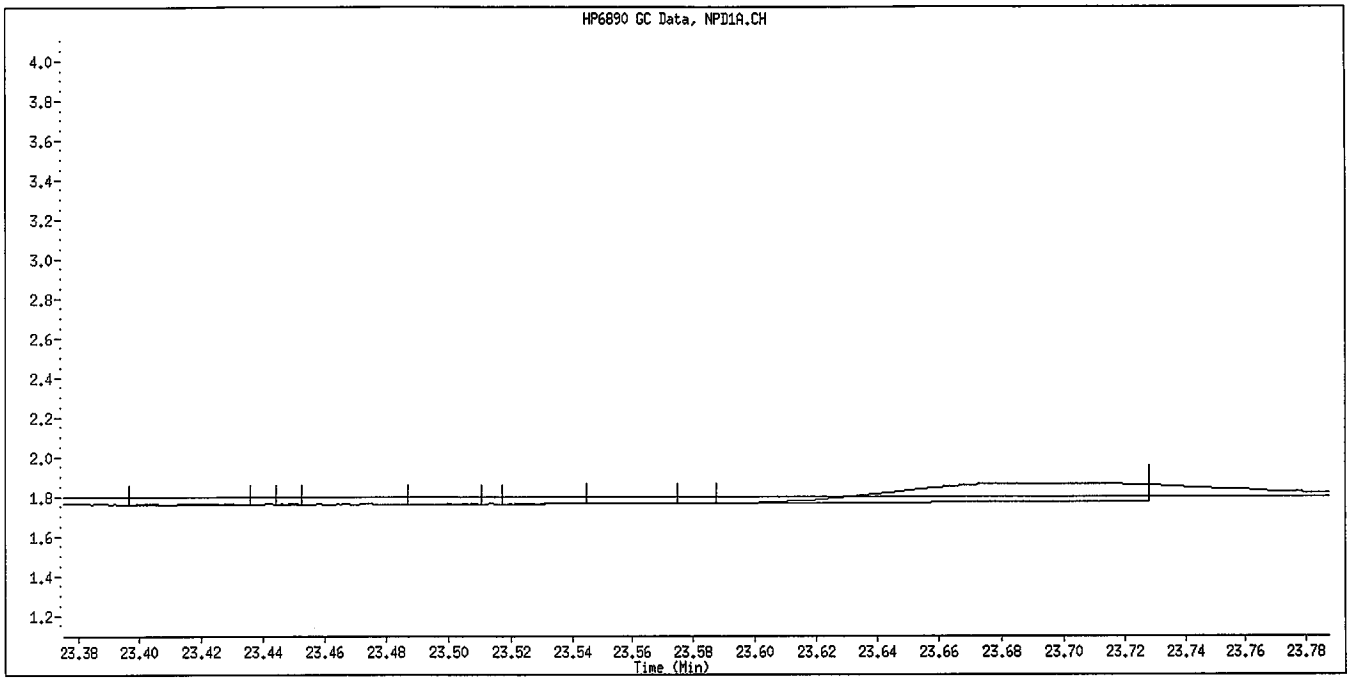
Original Integration



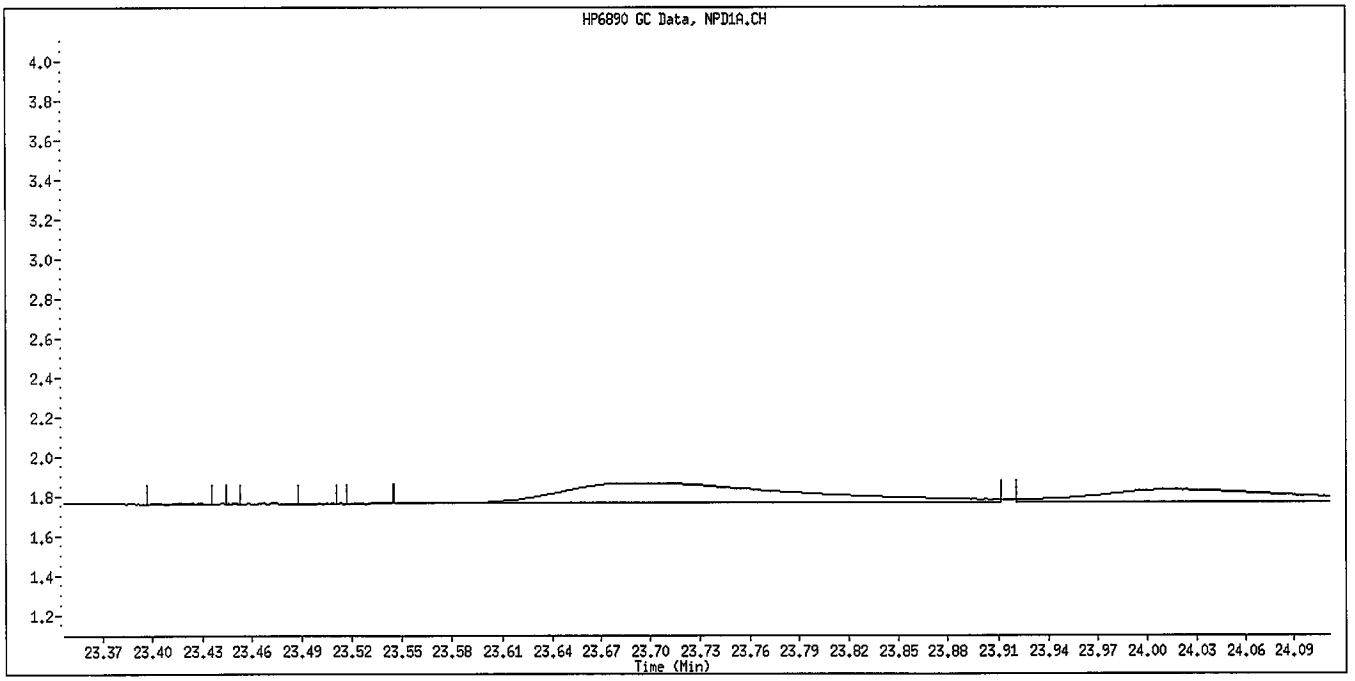
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Bolstar / Famphur
CAS #:
Report Date: 08/07/2009



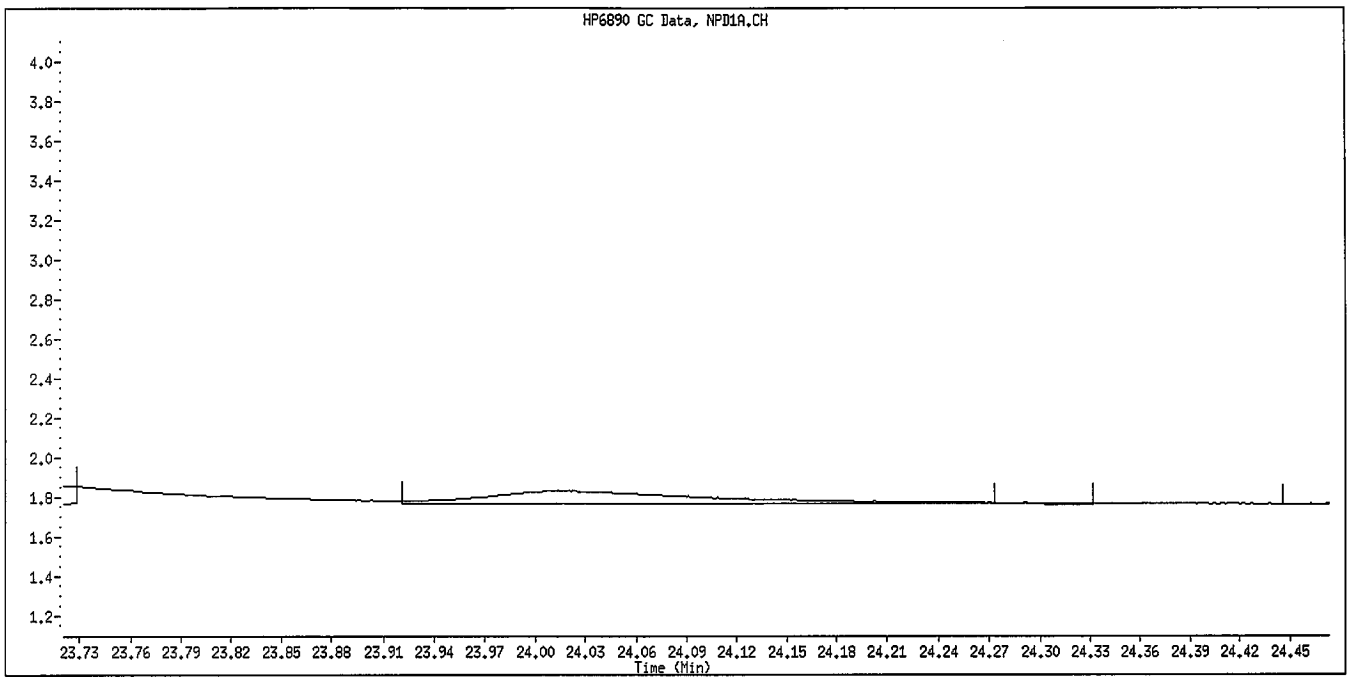
Original Integration



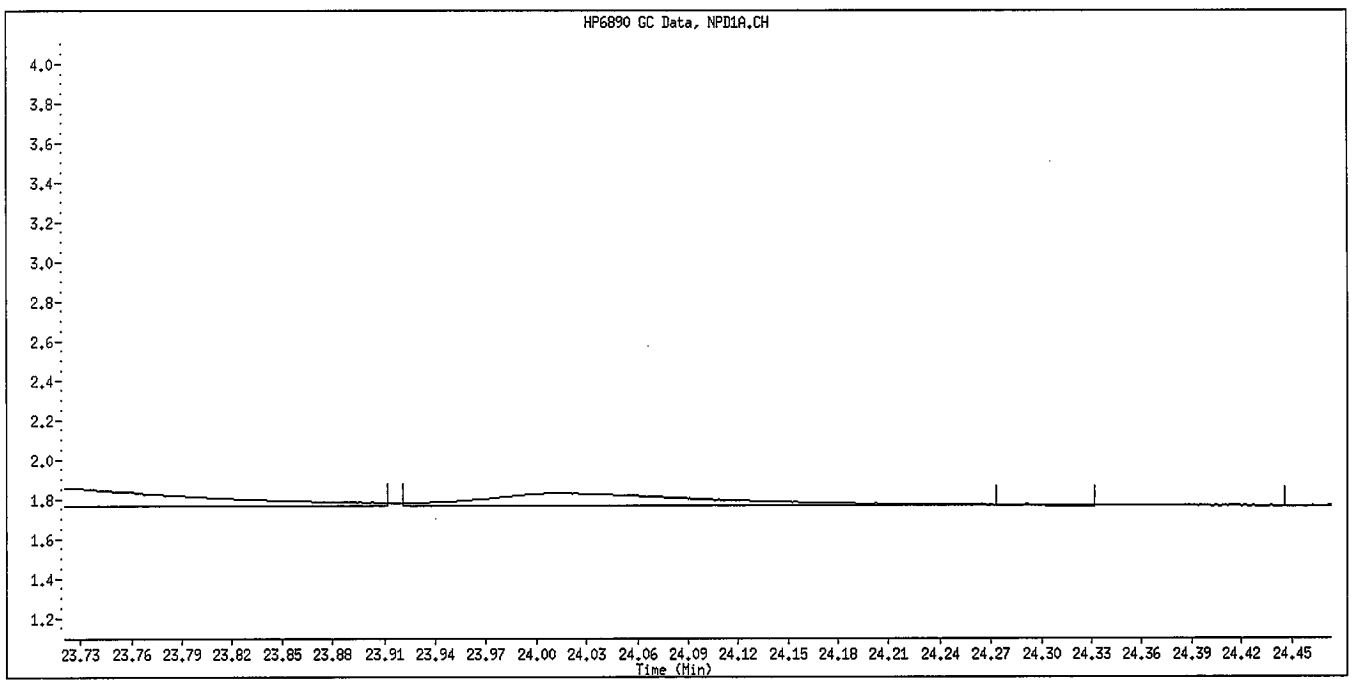
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Carbophenothion
CAS #:
Report Date: 08/07/2009



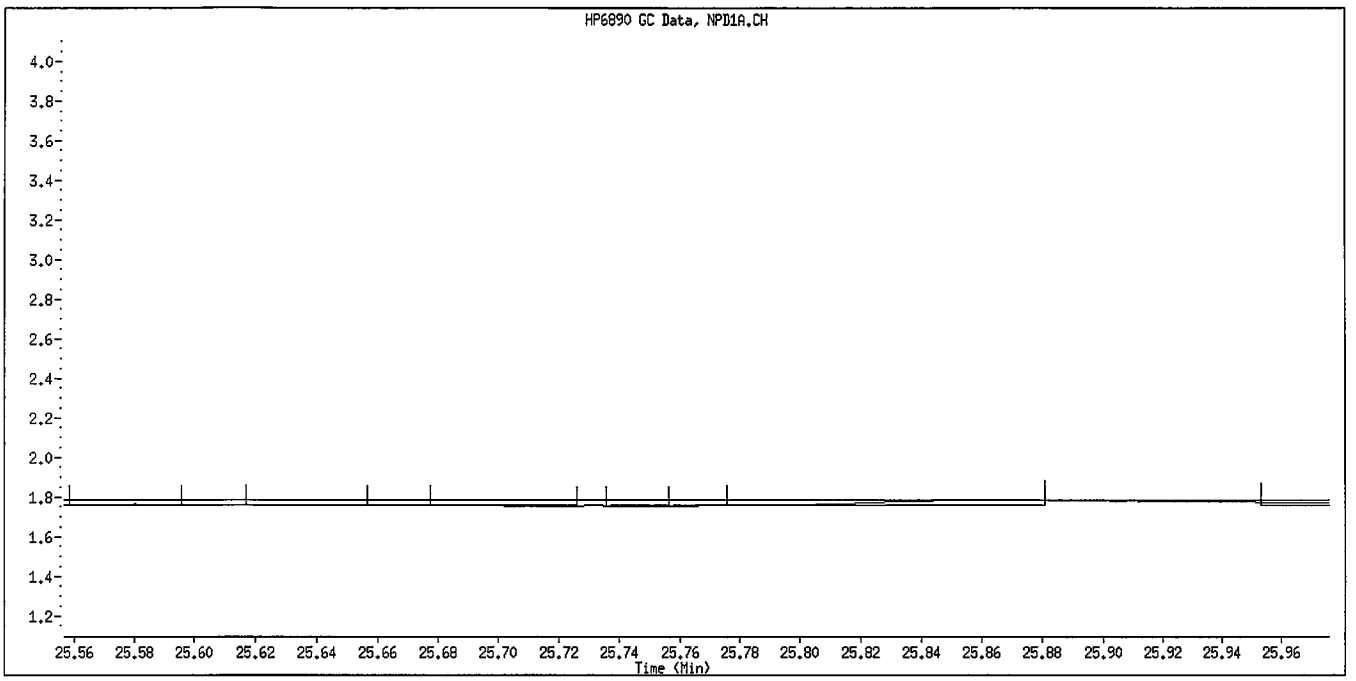
Original Integration



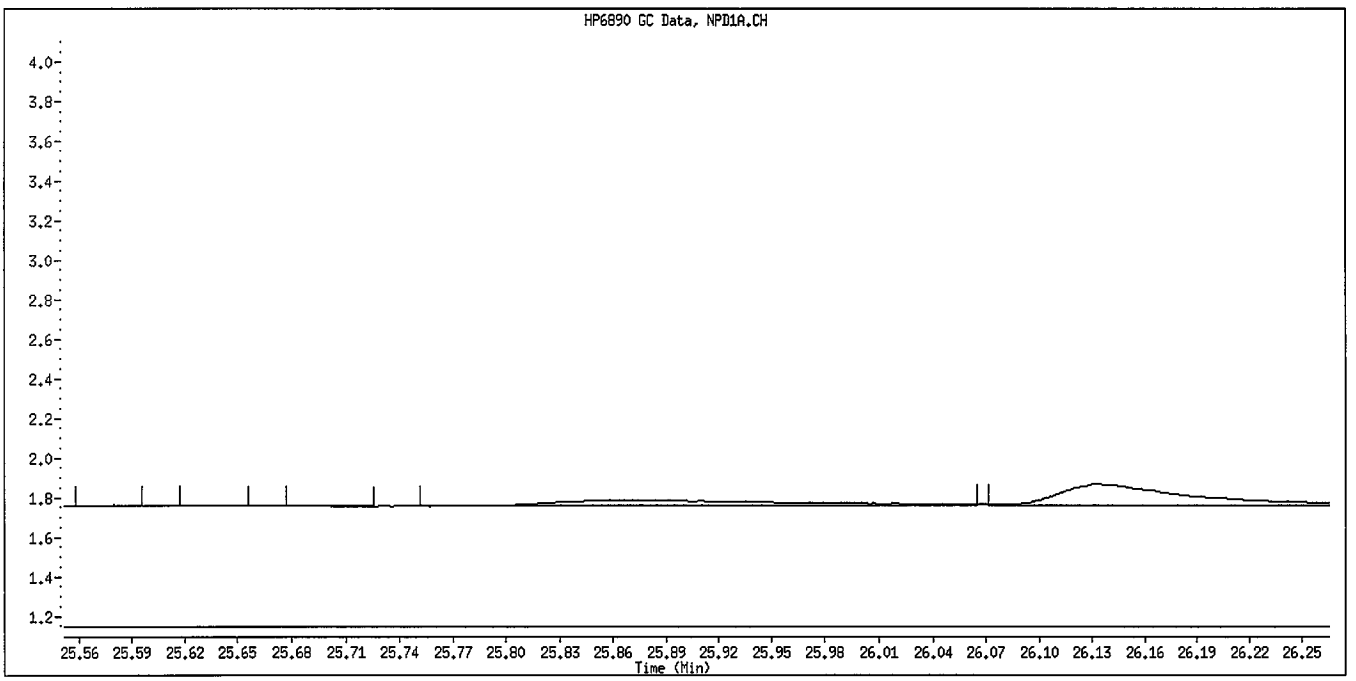
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Phosmet
CAS #:
Report Date: 08/07/2009



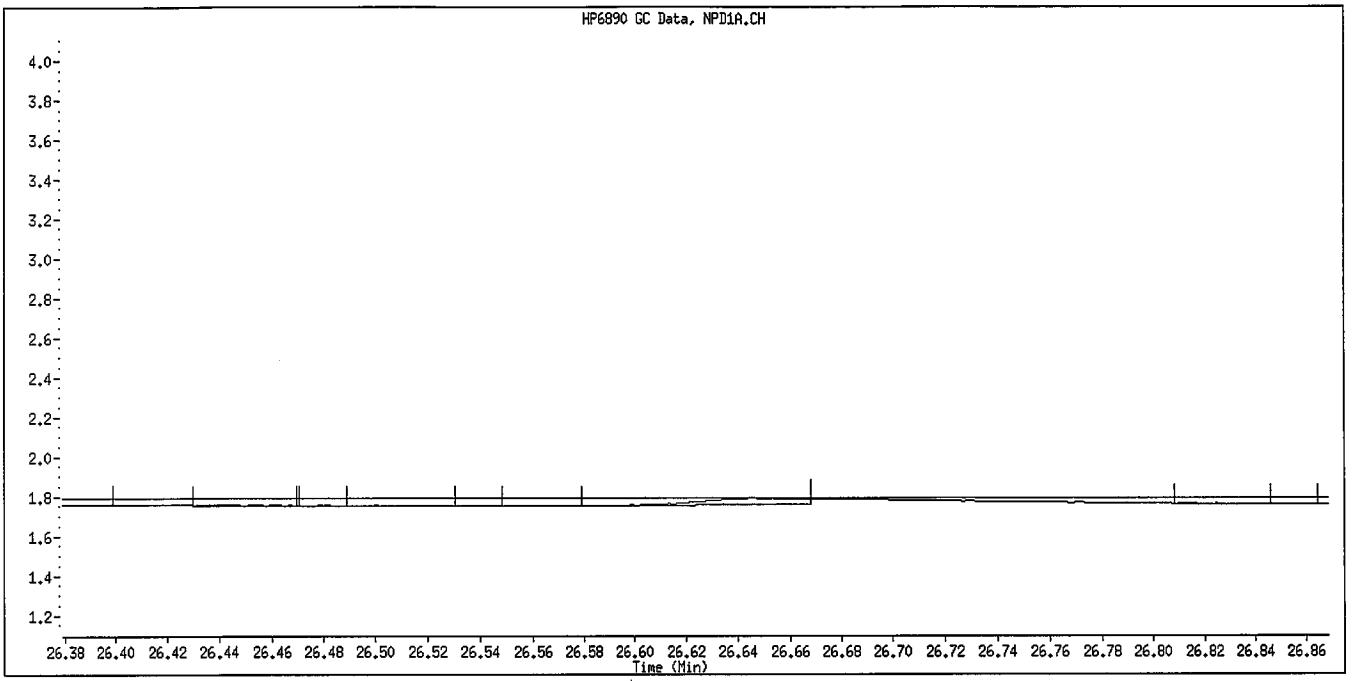
Original Integration



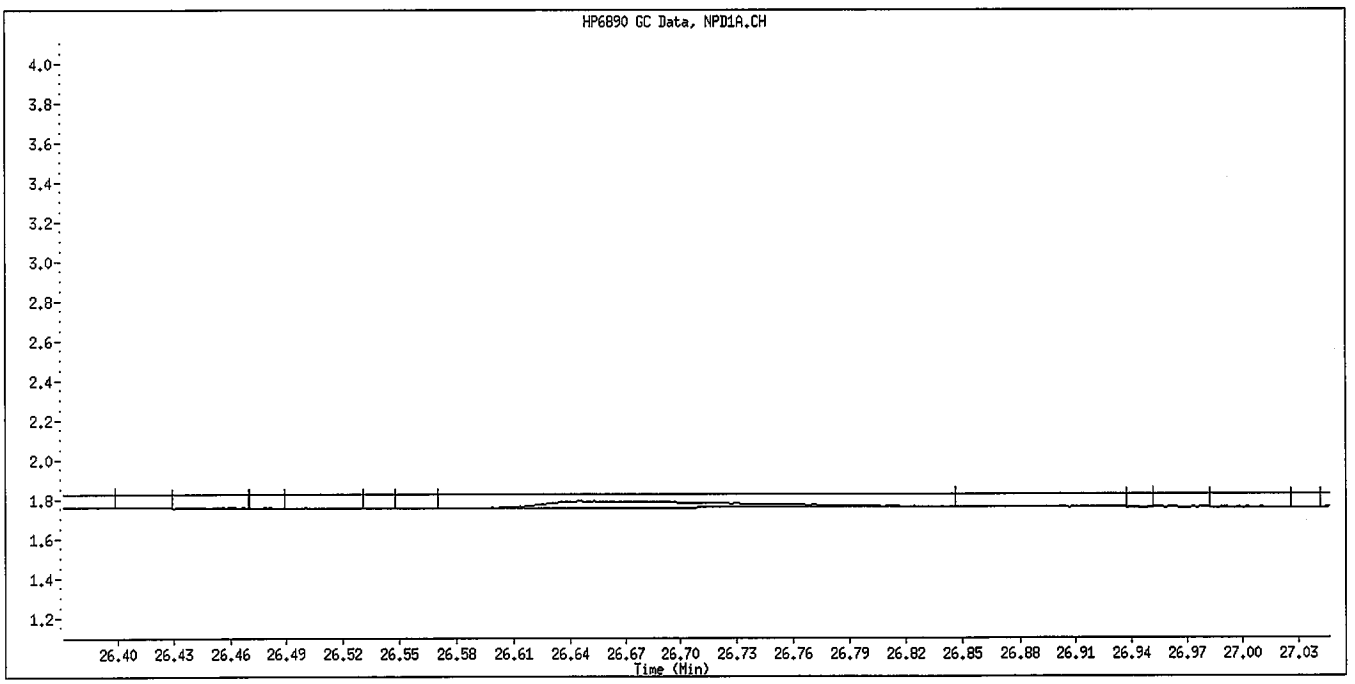
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Azinphos-methyl
CAS #:
Report Date: 08/07/2009



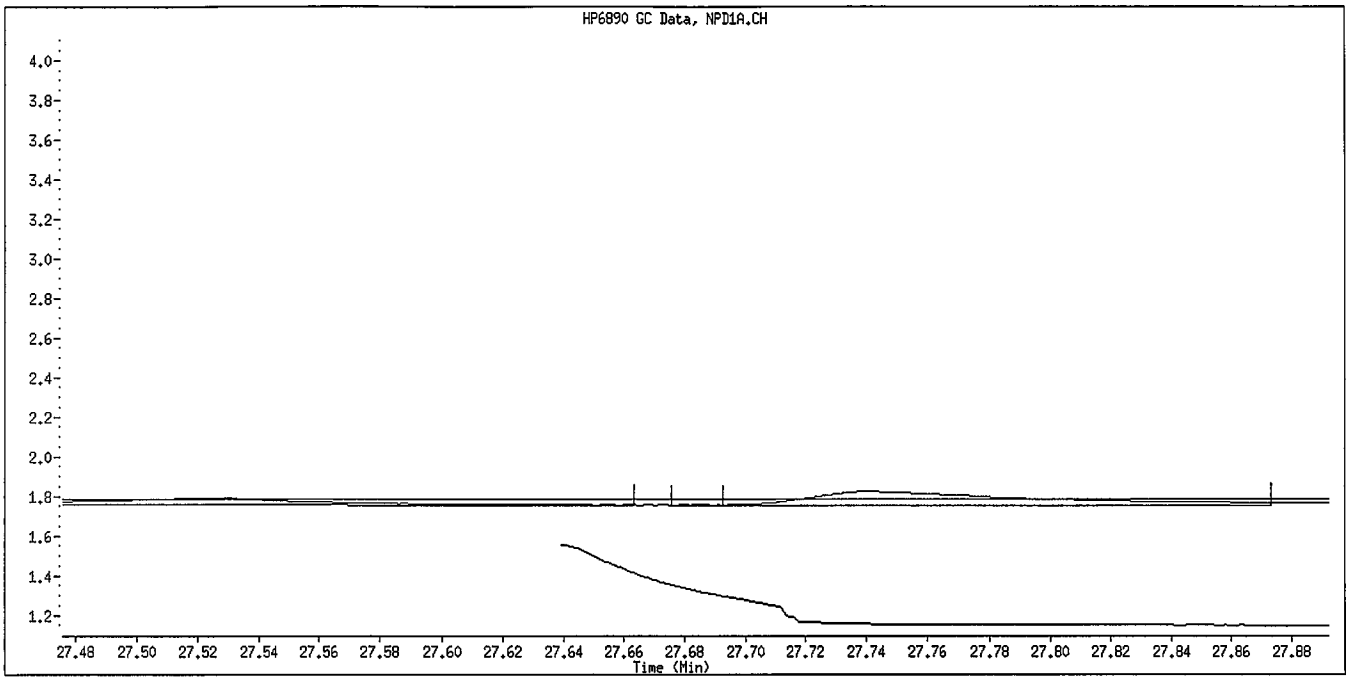
Original Integration



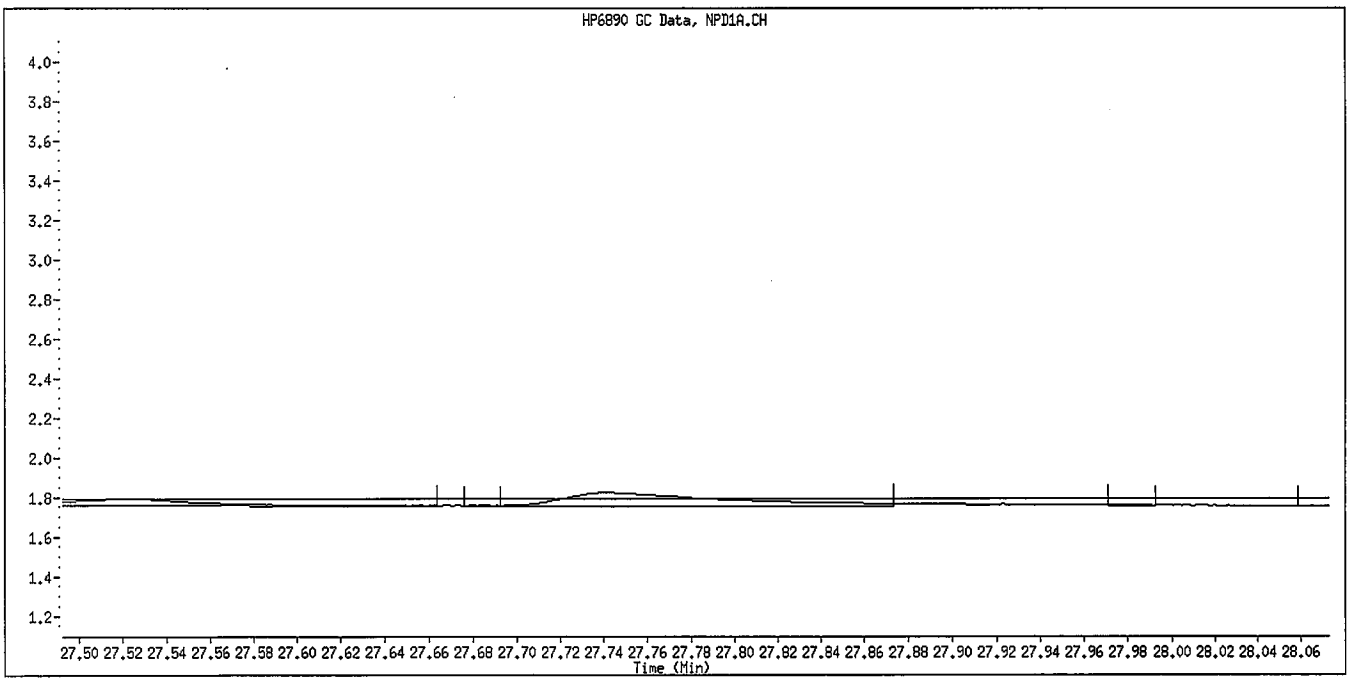
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Coumaphos
CAS #:
Report Date: 08/07/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Analyte Misidentified by the Data System

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\010F1001.D
Lab Smp Id: 8141 SS GSV87609 Client Smp ID: 8141 SS GSV87609
Inj Date : 06-AUG-2009 19:10
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 SS GSV87609
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Meth Date : 07-Aug-2009 13:45 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 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	4.268	4.267	(0.311)	1843004	2.00000	2.240
	2 Dichlorvos	5.867	5.865	(0.428)	743410	2.00000	2.036
	3 Mevinphos	9.417	9.407	(0.687)	235044	2.00000	1.556
$	4 Chlormefos	9.499	9.502	(0.693)	1161313	2.00000	1.736
	5 Thionazin	12.624	12.625	(0.920)	1118392	2.00000	2.235
	6 Demeton-O	12.875	12.876	(0.939)	820859	0.65000	2.025
	7 Ethoprop	13.208	13.205	(0.963)	891351	2.00000	1.994
	8 Naled	13.484	13.482	(0.983)	276089	2.00000	1.706
*	9 Tributylphosphate	13.717	13.714	(1.000)	867584	2.00000	
	10 Sulfotepp	14.143	14.143	(1.031)	1336752	2.00000	1.968
	11 Phorate	14.226	14.227	(1.037)	730629	2.00000	1.634
	12 Dimethoate	14.431	14.416	(1.052)	875203	2.00000	2.182
	13 Demeton-S	14.693	14.682	(1.071)	70754	1.36000	0.2056
	14 Simazine	14.788	14.783	(1.078)	366944	2.00000	2.469
	15 Atrazine	15.000	14.997	(1.094)	417241	2.00000	2.161
	16 propazine	15.181	15.178	(1.107)	419363	2.00000	2.193
	17 Disulfoton	15.867	15.866	(0.586)	846309	2.00000	1.974
	18 Diazinon	15.933	15.934	(0.588)	872162	2.00000	1.867
	19 Methyl Parathion	16.833	16.829	(0.622)	657192	2.00000	1.970
	20 Ronnel	17.458	17.456	(0.645)	726001	2.00000	2.064
	21 Malathion	18.135	18.134	(0.670)	594268	2.00000	1.936
	22 Fenthion	18.287	18.284	(0.675)	680633	2.00000	1.906
	23 Parathion	18.392	18.392	(0.679)	735997	2.00000	2.060
	24 Chlorpyrifos	18.450	18.451	(0.681)	860875	2.00000	1.977
	25 Trichloronate	18.959	18.958	(0.700)	791359	2.00000	1.809
	26 Anilazine	19.352	19.345	(0.715)	33556	2.00000	1.250
	27 Merphos-A (Merphos)	19.802	19.804	(0.731)	58433	2.00000	0.2980
	28 Tetrachlorvinphos (Stirophos)	20.536	20.532	(0.758)	455941	2.00000	1.889
	29 Tokuthion	21.279	21.278	(0.786)	808333	2.00000	1.943
	30 Merphos-B (Merphos Oxone)	21.536	21.536	(0.795)	710217	2.00000	11.88(A)
	31 Carbophenothion-methyl	22.261	22.254	(0.822)	368687	2.00000	1.330
	32 Fensulfothion	22.488	22.465	(0.831)	491939	2.00000	1.966
	33 Bolstar / Famphur	23.631	23.627	(0.873)	1504693	4.00000	4.213

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Carbophenothion	23.951	23.947	(0.885)	712364	2.00000	2.116
$	35 Triphenyl phosphate	25.278	25.270	(0.934)	494576	2.00000	1.848
	36 Phosmet	25.773	25.769	(0.952)	619156	2.00000	2.272
	37 EPN	26.102	26.097	(0.964)	765092	2.00000	2.210
	38 Azinphos-methyl	26.589	26.584	(0.982)	466871	2.00000	1.850
*	39 TOCP	27.076	27.076	(1.000)	613099	2.00000	
	40 Azinphos-ethyl	27.176	27.172	(1.004)	654822	2.00000	2.055
	41 Coumaphos	27.701	27.694	(1.023)	508925	2.00000	1.937
M	42 Total Demeton				891613	2.00000	2.231
M	43 Merphos				768650	2.00000	1.898

QC Flag Legend

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

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D.i
Lab File ID: 010F1001.D
Lab Smp Id: 8141 SS GSV87609
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806091.B\8141A-1.m
Misc Info:

Calibration Date: 07-AUG-2009
Calibration Time: 06:42
Client Smp ID: 8141 SS GSV8760
Level:
Sample Type:

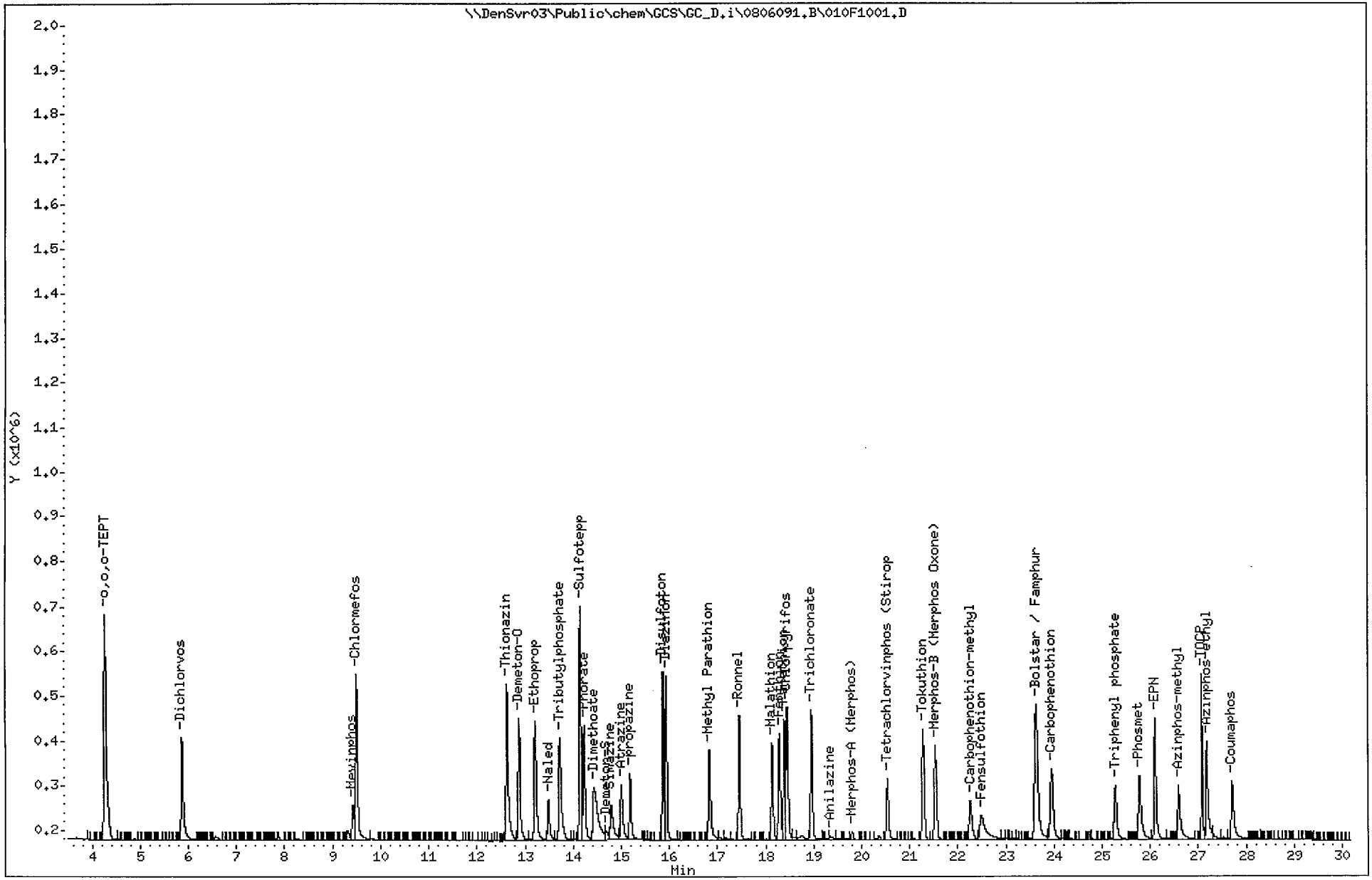
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	1034306	517153	2068612	867584	-16.12
39 TOCP	695324	347662	1390648	613099	-11.83

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
9 Tributylphosphate	13.70	13.20	14.20	13.72	0.13
39 TOCP	27.08	26.58	27.58	27.08	-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_D.i\0806091.B\010F1001.D
Date : 06-AUG-2009 19:10
Client ID: 8141 SS GSV87609
Sample Info: 8141 SS GSV87609

Instrument: GC_D.i
Operator: MPK/TLW
Column phase: RTx-1MS
Column diameter: 0.32



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\003F0301.D
Lab Smp Id: 8141 L7 GSV82609 Client Smp ID: 8141 L7 GSV82609
Inj Date : 06-AUG-2009 14:56
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L7 GSV82609
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Meth Date : 07-Aug-2009 13:43 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 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	6.790	6.758	(0.419)	4502240	5.00000	4.256
	2 Dichlorvos	8.964	8.952	(0.554)	2218734	5.00000	4.705
$	3 Chlormefos	12.887	12.885	(0.796)	3329933	5.00000	4.827
	4 Mevinphos	13.005	13.006	(0.803)	1418878	5.00000	4.842
	5 Demeton-O	15.939	15.939	(0.985)	687790	1.62500	1.589
	6 Thionazin	16.067	16.067	(0.992)	2959832	5.00000	4.615
*	7 Tributylphosphate	16.190	16.193	(1.000)	1131223	2.00000	
	8 Ethoprop	16.333	16.332	(1.009)	2583304	5.00000	4.705
	9 Naled	16.921	16.921	(1.045)	1131291	5.00000	5.030(A)
	10 Sulfotepp	17.234	17.234	(1.064)	4270412	5.00000	4.519
	11 Phorate	17.269	17.268	(1.067)	2084335	5.00000	4.361
	12 Demeton-S	17.961	17.962	(1.109)	1474470	3.40000	3.394
	13 Simazine	18.366	18.368	(1.134)	674577	5.00000	5.004(A)
	14 Atrazine / Propazine	18.434	18.434	(1.139)	2608160	10.0000	10.04(A)
	15 Dimethoate	18.566	18.569	(1.147)	2698083	5.00000	4.812
	16 Diazinon	18.966	18.967	(1.171)	2467752	5.00000	4.401
	17 Disulfoton	19.229	19.231	(1.188)	2617710	5.00000	4.622
	18 Methyl Parathion	21.131	21.132	(0.736)	1936768	5.00000	4.722(A)
	19 Ronnel	21.220	21.222	(0.739)	2282209	5.00000	4.726
	20 Malathion	22.495	22.492	(0.784)	1824966	5.00000	4.653
	21 Chlorpyrifos	22.646	22.644	(0.789)	2210724	5.00000	4.848
	22 Trichloronate	22.819	22.819	(0.795)	2890038	5.00000	5.071(A)
	23 Parathion	22.866	22.866	(0.797)	2140679	5.00000	4.818
	24 Fenthion	22.940	22.942	(0.799)	2341329	5.00000	4.762
	25 Merphos-A (Merphos)	23.475	23.472	(0.818)	1728719	5.00000	4.846
	26 Anilazine	24.446	24.451	(0.852)	195793	5.00000	5.229(A)
	27 Tetrachlorvinphos (stirophos)	25.869	25.869	(0.901)	1682420	5.00000	5.160(A)
	28 Tokuthion	26.044	26.043	(0.907)	2649007	5.00000	5.009(A)
	29 Merphos-B (Merphos oxone)	26.174	26.176	(0.912)	547067	5.00000	4.927
	30 Carbophenothion methyl	26.998	26.999	(0.941)	1930580	5.00000	5.222(A)
	31 Fensulfothion	27.236	27.237	(0.949)	1541611	5.00000	4.702
	32 Bolstar	27.347	27.347	(0.953)	2235624	5.00000	4.416
	33 Carbophenothion	27.459	27.460	(0.957)	2095716	5.00000	4.953

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Famphur	27.644	27.644	(0.963)	1943080	5.00000	5.026(A)
$	35 Triphenyl phosphate	27.933	27.932	(0.973)	1616846	5.00000	4.469
	36 EPN	28.241	28.240	(0.984)	1898338	5.00000	4.574
	37 Phosmet	28.367	28.366	(0.988)	1655568	5.00000	4.808
*	38 TOCP	28.705	28.705	(1.000)	836128	2.00000	
	39 Azinphos-methyl	28.816	28.816	(1.004)	1429834	5.00000	4.967
	40 Azinphos-ethyl	29.128	29.127	(1.015)	1454184	5.00000	4.795
	41 Coumaphos	29.454	29.453	(1.026)	1373774	5.00000	4.979
M	42 Total Demeton				2162260	5.00000	4.984
M	43 Merphos				2275786	5.00000	4.636(A)

QC Flag Legend

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

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

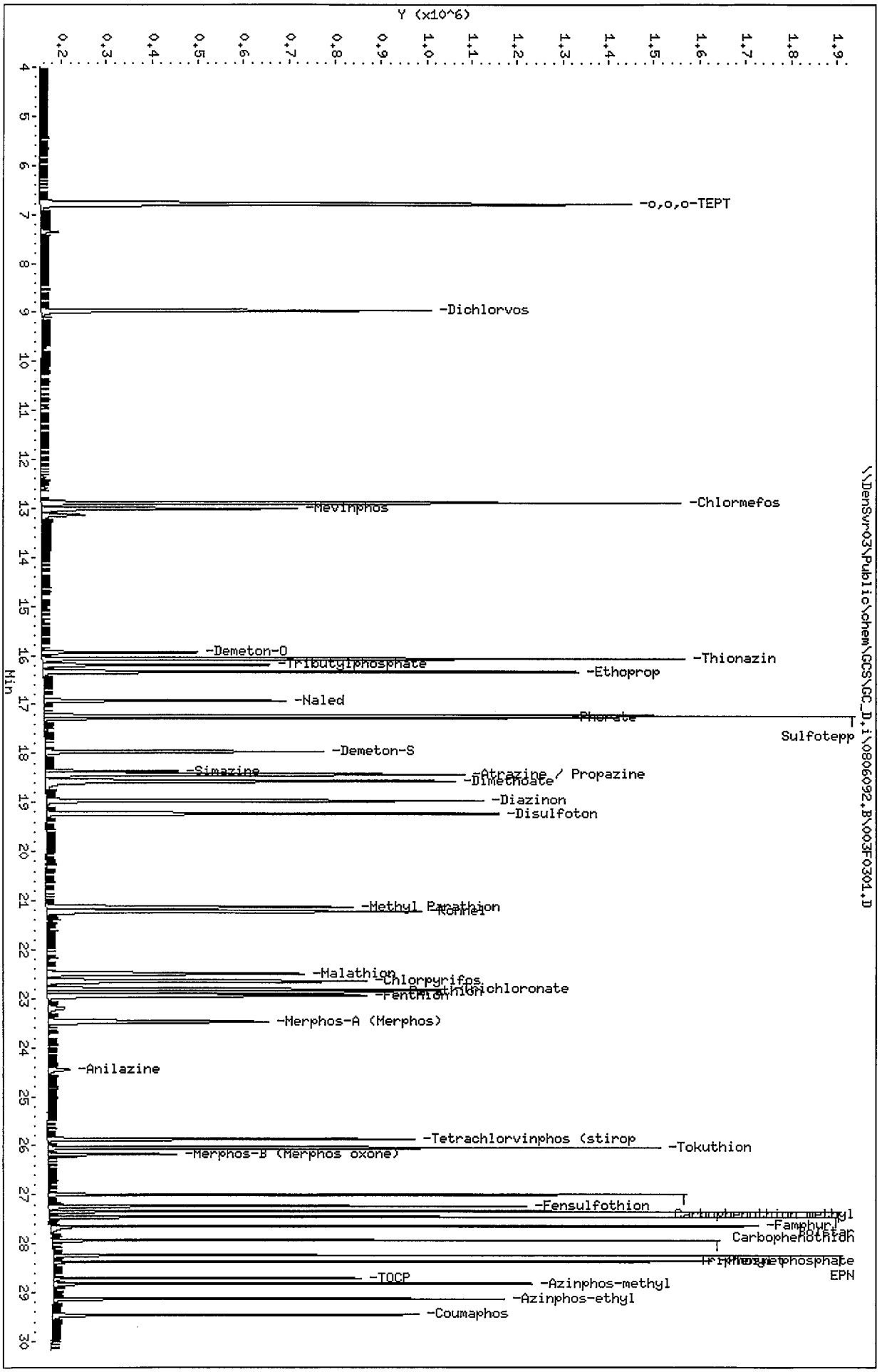
Instrument ID: GC_D.i
Lab File ID: 003F0301.D
Lab Smp Id: 8141 L7 GSV82609
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Misc Info:

Calibration Date: 06-AUG-2009
Calibration Time: 19:10
Client Smp ID: 8141 L7 GSV8260
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	989795	494898	1979590	1131223	14.29
38 TOCP	732545	366273	1465090	836128	14.14

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.19	15.69	16.69	16.19	-0.02
38 TOCP	28.70	28.20	29.20	28.71	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_D,i\0806092.B\003F0301.D
Date : 06-AUG-2009 14:56
Client ID: 8141 L7 GSV82609
Sample Info: 8141 L7 GSV82609
Column phase: RTx-OPPest

Instrument: GC_D,i
Operator: MPK/TLH
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\004F0401.D
Lab Smp Id: 8141 L6 GSV87009 Client Smp ID: 8141 L6 GSV87009
Inj Date : 06-AUG-2009 15:32
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L6 GSV87009
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Meth Date : 07-Aug-2009 13:43 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 14:56 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	6.760	6.758	(0.417)	3613463	4.00000	3.720
2	Dichlorvos	8.953	8.952	(0.553)	1768273	4.00000	4.084
$ 3	Chlormefos	12.886	12.885	(0.796)	2624051	4.00000	4.132
4	Mevinphos	13.004	13.006	(0.803)	1096662	4.00000	4.082
5	Demeton-O	15.939	15.939	(0.984)	520374	1.30000	1.309
6	Thionazin	16.067	16.067	(0.992)	2340635	4.00000	3.974
* 7	Tributylphosphate	16.192	16.193	(1.000)	1038841	2.00000	
8	Ethoprop	16.332	16.332	(1.009)	2051405	4.00000	4.045
9	Naled	16.921	16.921	(1.045)	787967	4.00000	3.918
10	Sulfotepp	17.233	17.234	(1.064)	3390840	4.00000	3.907
11	Phorate	17.269	17.268	(1.066)	1624819	4.00000	3.702
12	Demeton-S	17.961	17.962	(1.109)	1151737	2.72000	2.887
13	Simazine	18.367	18.368	(1.134)	492868	4.00000	4.040
14	Atrazine / Propazine	18.432	18.434	(1.138)	1954099	8.00000	8.196(A)
15	Dimethoate	18.566	18.569	(1.147)	2052825	4.00000	3.997
16	Diazinon	18.967	18.967	(1.171)	1940014	4.00000	3.768
17	Disulfoton	19.229	19.231	(1.188)	2045262	4.00000	3.933
18	Methyl Parathion	21.130	21.132	(0.736)	1488025	4.00000	4.044(A)
19	Ronnel	21.221	21.222	(0.739)	1735137	4.00000	3.993
20	Malathion	22.494	22.492	(0.784)	1406900	4.00000	3.992
21	Chlorpyrifos	22.644	22.644	(0.789)	1671357	4.00000	4.079
22	Trichloronate	22.819	22.819	(0.795)	2093978	4.00000	4.095
23	Parathion	22.865	22.866	(0.797)	1741701	4.00000	4.252
24	Fenthion	22.942	22.942	(0.799)	1789955	4.00000	4.042
25	Merphos-A (Merphos)	23.473	23.472	(0.818)	1339983	4.00000	4.192
26	Anilazine	24.451	24.451	(0.852)	129151	4.00000	3.867(M)
27	Tetrachlorvinphos (stirophos)	25.870	25.869	(0.901)	1220938	4.00000	4.177
28	Tokuthion	26.046	26.043	(0.907)	2002622	4.00000	4.208
29	Merphos-B (Merphos oxone)	26.175	26.176	(0.912)	439795	4.00000	4.024
30	Carbophenothion methyl	26.999	26.999	(0.941)	1444721	4.00000	4.343
31	Fensulfothion	27.237	27.237	(0.949)	1195644	4.00000	4.065
32	Bolstar	27.347	27.347	(0.953)	1755208	4.00000	3.853
33	Carbophenothion	27.460	27.460	(0.957)	1586342	4.00000	4.167

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Famphur	27.644	27.644	(0.963)	1480451	4.00000	4.255
$	35 Triphenyl phosphate	27.932	27.932	(0.973)	1280032	4.00000	3.932
	36 EPN	28.239	28.240	(0.984)	1483979	4.00000	3.974
	37 Phosmet	28.366	28.366	(0.988)	1249688	4.00000	4.042
*	38 TOCP	28.705	28.705	(1.000)	752380	2.00000	
	39 Azinphos-methyl	28.816	28.816	(1.004)	1072140	4.00000	4.148
	40 Azinphos-ethyl	29.127	29.127	(1.015)	1110566	4.00000	4.069
	41 Coumaphos	29.452	29.453	(1.026)	1021332	4.00000	4.121
M	42 Total Demeton				1672111	4.00000	4.196
M	43 Merphos				1779778	4.00000	4.029(A)

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

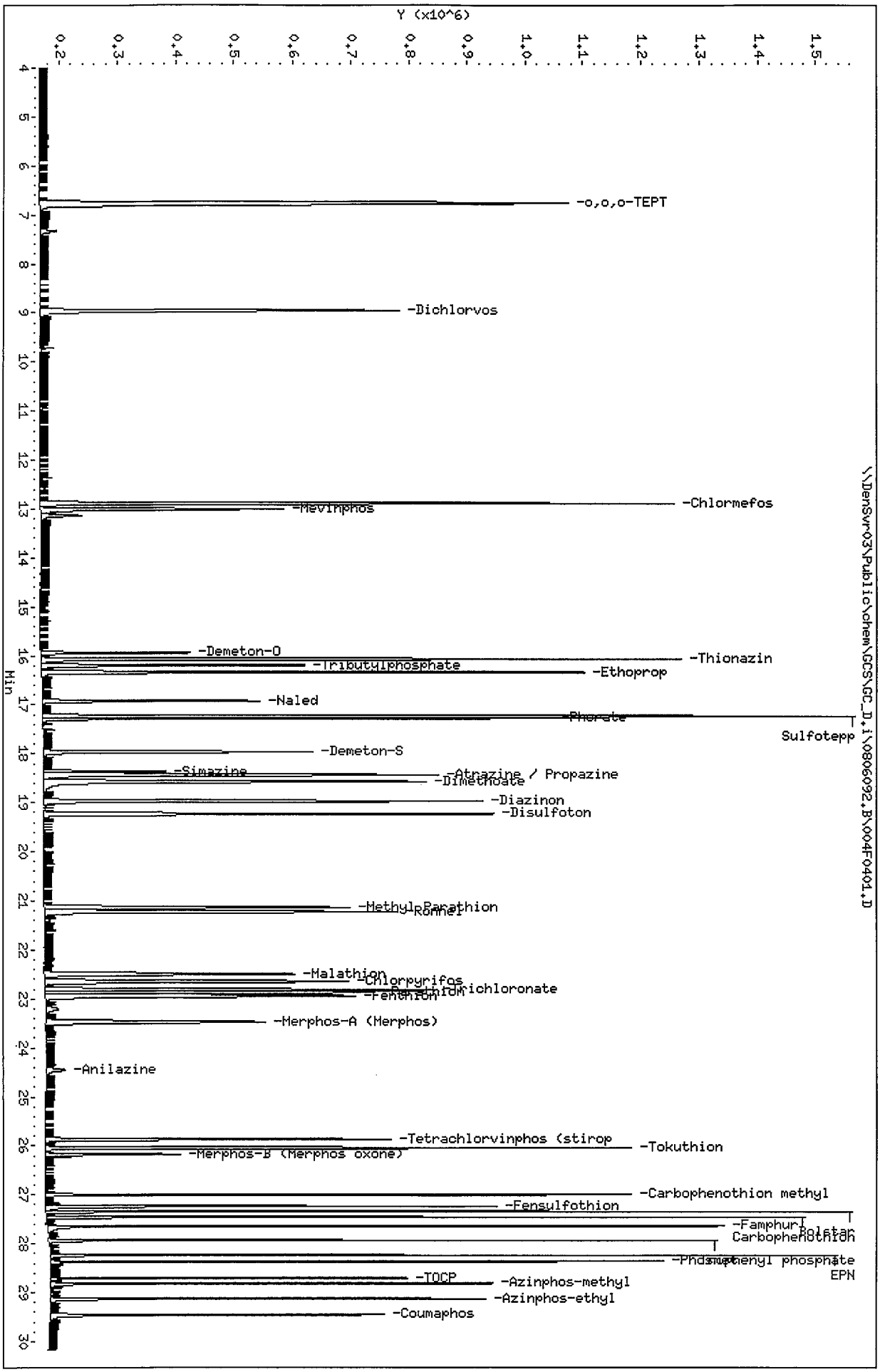
Instrument ID: GC_D.i
Lab File ID: 004F0401.D
Lab Smp Id: 8141 L6 GSV87009
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Misc Info:

Calibration Date: 06-AUG-2009
Calibration Time: 19:10
Client Smp ID: 8141 L6 GSV8700
Level:
Sample Type:

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
7 Tributylphosphate	989795	494898	1979590	1038841	4.96
38 TOCP	732545	366273	1465090	752380	2.71

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.19	15.69	16.69	16.19	-0.01
38 TOCP	28.70	28.20	29.20	28.71	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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-Dichlorvos
-Chlormefos
-Mevinphos
-Demeton-O
-Thionazin
-Tributylphosphate
-Ethoprop
-Naled
-Phorate
Sulfotepp
-Demeton-S
-Simazine
-Atrazine / Propazine
-Dimethoate
-Diazinon
-Disulfoton
-Methyl Parathion
Ronnel
-Malathion
-Chlorpyrifos
-Fenthion
-Merphos-A (Merphos)
-Anilazine
-Tetrachlorvinphos (stirop
-Tokuthion
-Merphos-B (Merphos oxone)
-Carbophenothion methyl
-Fensulfothion
-Famphur
Carbophenothion
-TOCP
-Azinphos-methyl
EPN
-Azinphos-ethyl
-Coumaphos
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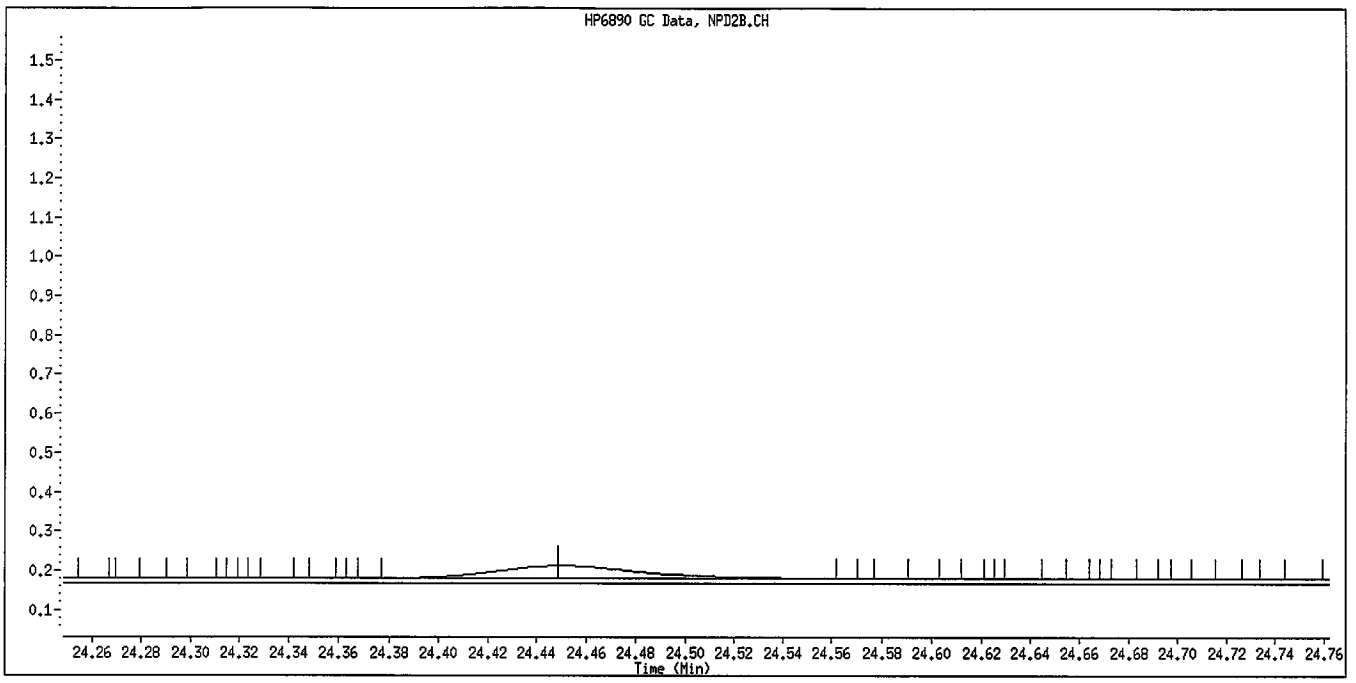
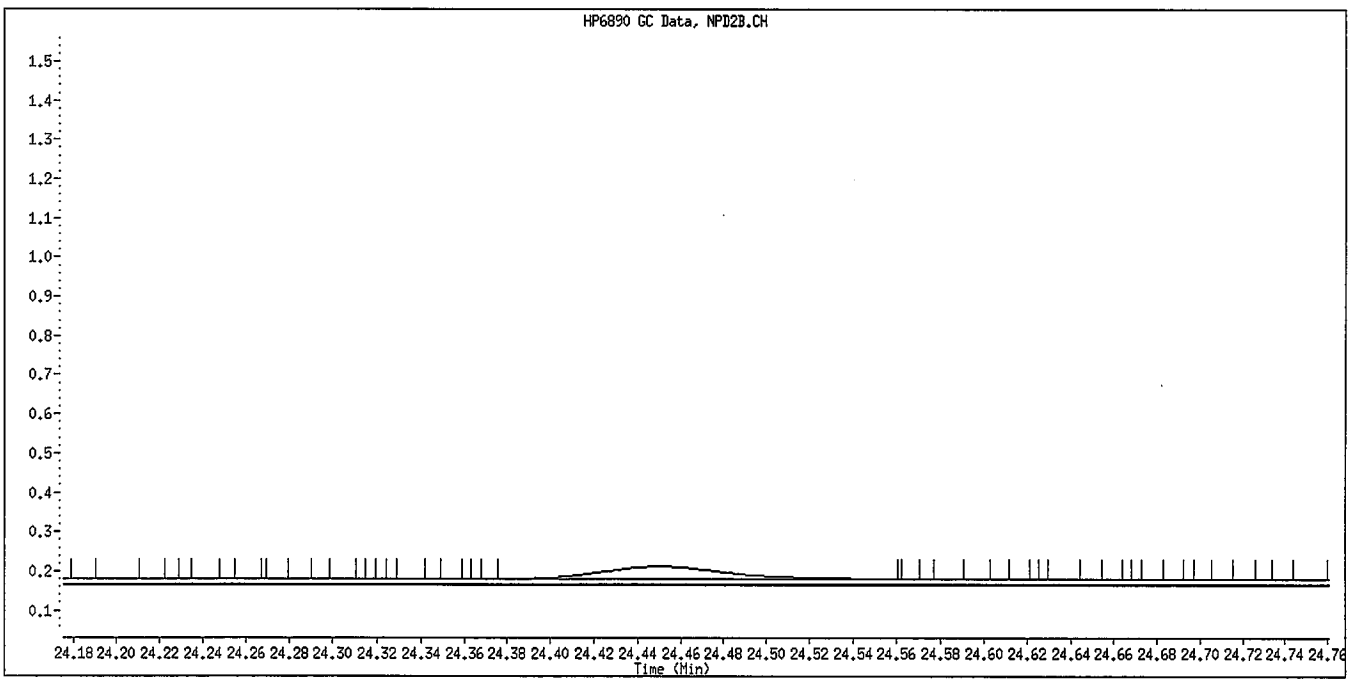
Data File: \\DenSvr03\Public\chem\GCS\GC_D,i\0806092.B\004F0401.D
Date : 06-AUG-2009 15:32
Client ID: 8141 L6 GSV87009
Sample Info: 8141 L6 GSV87009
Column phase: RTx-OPPest
Instrument: GC_D,i
Operator: MPK/TLW
Column diameter: 0.32
Page 4

Data File Name: 004F0401.D
Inj. Date and Time: 06-AUG-2009 15:32
Instrument ID: GC_D.i
Client ID: 8141 L6 GSV87009
Compound Name: Anilazine
CAS #:
Report Date: 08/07/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\005F0501.D
Lab Smp Id: 8141 L5 GSV87109 Client Smp ID: 8141 L5 GSV87109
Inj Date : 06-AUG-2009 16:08
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L5 GSV87109
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Meth Date : 07-Aug-2009 13:43 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 15:32 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	6.758	6.758	(0.417)	2799704	3.00000	2.781
	2 Dichlorvos	8.952	8.952	(0.553)	1333315	3.00000	2.971
$	3 Chlormefos	12.884	12.885	(0.796)	2008587	3.00000	3.033
	4 Mevinphos	13.005	13.006	(0.803)	847872	3.00000	3.057
	5 Demeton-O	15.939	15.939	(0.984)	412863	0.97500	1.002
	6 Thionazin	16.067	16.067	(0.992)	1827286	3.00000	2.994
*	7 Tributylphosphate	16.193	16.193	(1.000)	1076666	2.00000	
	8 Ethoprop	16.333	16.332	(1.009)	1622717	3.00000	3.047
	9 Naled	16.920	16.921	(1.045)	617906	3.00000	3.041
	10 Sulfotepp	17.234	17.234	(1.064)	2658508	3.00000	2.956
	11 Phorate	17.269	17.268	(1.066)	1282443	3.00000	2.819
	12 Demeton-S	17.962	17.962	(1.109)	883006	2.04000	2.136
	13 Simazine	18.368	18.368	(1.134)	364617	3.00000	2.966
	14 Atrazine / Propazine	18.434	18.434	(1.138)	1477699	6.00000	5.980(A)
	15 Dimethoate	18.569	18.569	(1.147)	1616390	3.00000	3.051
	16 Diazinon	18.967	18.967	(1.171)	1534143	3.00000	2.875
	17 Disulfoton	19.230	19.231	(1.188)	1604334	3.00000	2.976
	18 Methyl Parathion	21.131	21.132	(0.736)	1163940	3.00000	3.065(A)
	19 Ronnel	21.222	21.222	(0.739)	1338480	3.00000	2.963
	20 Malathion	22.492	22.492	(0.784)	1103657	3.00000	3.022
	21 Chlorpyrifos	22.644	22.644	(0.789)	1290170	3.00000	3.040
	22 Trichloronate	22.819	22.819	(0.795)	1622974	3.00000	3.070
	23 Parathion	22.865	22.866	(0.797)	1339063	3.00000	2.965
	24 Fenthion	22.941	22.942	(0.799)	1408001	3.00000	3.053
	25 Merphos-A (Merphos)	23.472	23.472	(0.818)	1003697	3.00000	3.056
	26 Anilazine	24.450	24.451	(0.852)	101616	3.00000	2.958
	27 Tetrachlorvinphos (stirophos)	25.869	25.869	(0.901)	925221	3.00000	3.066
	28 Tokuthion	26.043	26.043	(0.907)	1535968	3.00000	3.106
	29 Merphos-B (Merphos oxone)	26.175	26.176	(0.912)	395538	3.00000	3.117
	30 Carbophenothion methyl	26.999	26.999	(0.941)	1108708	3.00000	3.207
	31 Fensulfothion	27.237	27.237	(0.949)	932760	3.00000	3.073
	32 Bolstar	27.346	27.347	(0.953)	1385729	3.00000	2.927
	33 Carbophenothion	27.459	27.460	(0.957)	1220101	3.00000	3.083

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Famphur	27.644	27.644	(0.963)	1132909	3.00000	3.133
$	35 Triphenyl phosphate	27.932	27.932	(0.973)	1016178	3.00000	3.003
	36 EPN	28.239	28.240	(0.984)	1171469	3.00000	3.018
	37 Phosmet	28.365	28.366	(0.988)	974935	3.00000	3.048
*	38 TOCP	28.704	28.705	(1.000)	781995	2.00000	
	39 Azinphos-methyl	28.815	28.816	(1.004)	823806	3.00000	3.081
	40 Azinphos-ethyl	29.127	29.127	(1.015)	875242	3.00000	3.086
	41 Coumaphos	29.453	29.453	(1.026)	780746	3.00000	3.043
M	42 Total Demeton				1295869	3.00000	3.138
M	43 Merphos				1399235	3.00000	3.046(A)

QC Flag Legend

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

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

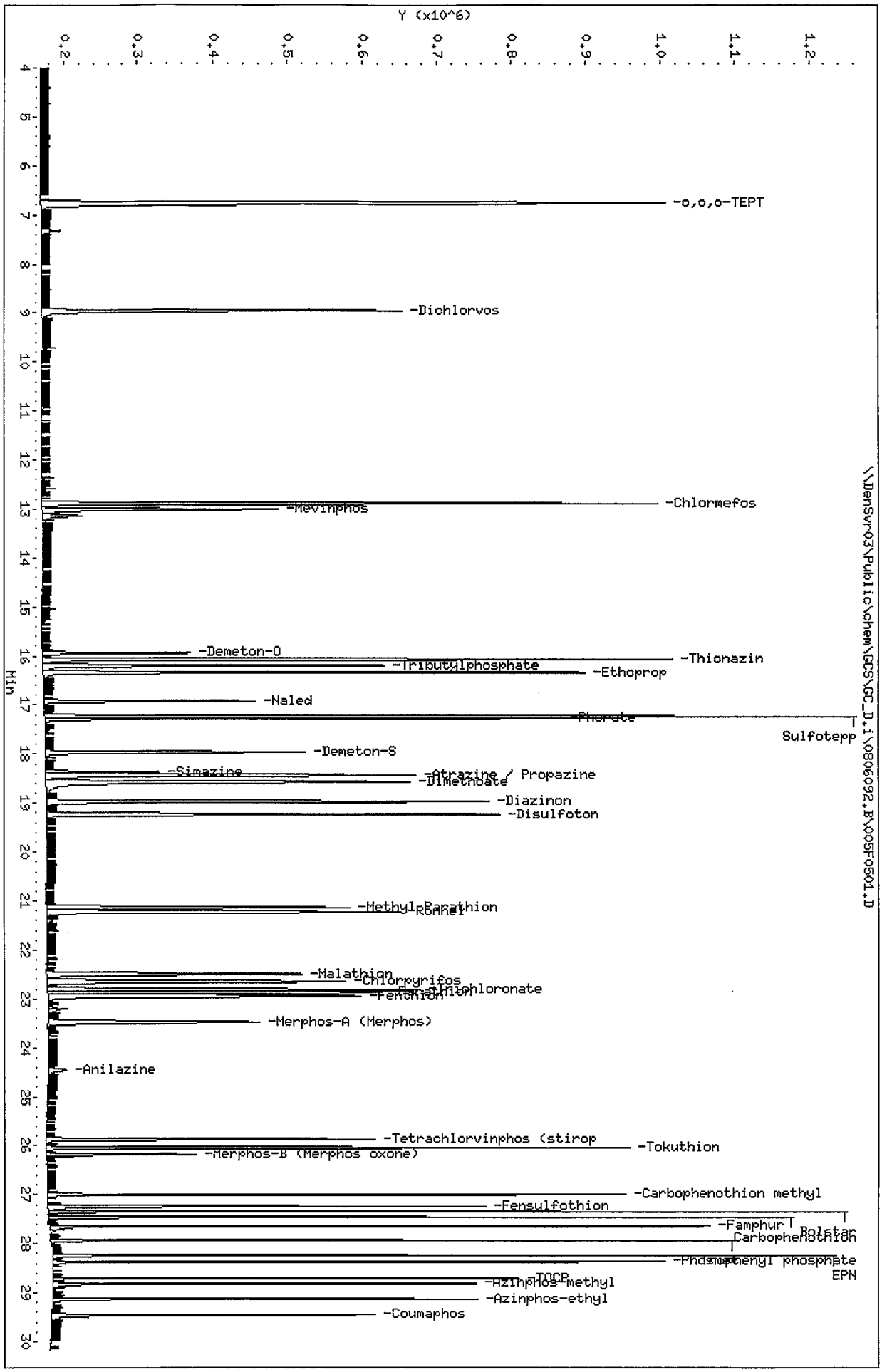
Instrument ID: GC_D.i
Lab File ID: 005F0501.D
Lab Smp Id: 8141 L5 GSV87109
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Misc Info:

Calibration Date: 06-AUG-2009
Calibration Time: 19:10
Client Smp ID: 8141 L5 GSV8710
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	989795	494898	1979590	1076666	8.78
38 TOCP	732545	366273	1465090	781995	6.75

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.19	15.69	16.69	16.19	-0.01
38 TOCP	28.70	28.20	29.20	28.70	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 : 06-AUG-2009 16:08
Client ID: 8141 L5 GSV87109
Sample Info: 8141 L5 GSV87109
Column phase: RTx-OPPest

\\DenSvr03\Public\chem\GCS\GC_D,i\0806092,B\005F0501.D
Instrument: GC_D,i
Operator: MPK/TLW
Column diameter: 0.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\006F0601.D
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Inj Date : 06-AUG-2009 16:45
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L4 GSV87209
Misc Info :
Comment :
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Meth Date : 07-Aug-2009 13:43 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 16:08 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	6.762	6.758	(0.418)	1914198	2.00000	2.014
	2 Dichlorvos	8.958	8.952	(0.553)	874015	2.00000	2.064
$	3 Chlormefos	12.887	12.885	(0.796)	1328045	2.00000	2.103
	4 Mevinphos	13.009	13.006	(0.803)	555210	2.00000	2.135
	5 Demeton-O	15.940	15.939	(0.984)	271398	0.65000	0.6980
	6 Thionazin	16.069	16.067	(0.992)	1221359	2.00000	2.120
*	7 Tributylphosphate	16.195	16.193	(1.000)	1016126	2.00000	
	8 Ethoprop	16.335	16.332	(1.009)	1095403	2.00000	2.130
	9 Naled	16.922	16.921	(1.045)	373106	2.00000	2.032
	10 Sulfotepp	17.235	17.234	(1.064)	1787767	2.00000	2.106
	11 Phorate	17.268	17.268	(1.066)	854395	2.00000	1.990
	12 Demeton-S	17.965	17.962	(1.109)	565529	1.36000	1.449
	13 Simazine	18.371	18.368	(1.134)	217050	2.00000	1.977
	14 Atrazine / Propazine	18.435	18.434	(1.138)	954882	4.00000	4.094
	15 Dimethoate	18.574	18.569	(1.147)	1037511	2.00000	2.094
	16 Diazinon	18.969	18.967	(1.171)	1036618	2.00000	2.058
	17 Disulfoton	19.231	19.231	(1.188)	1063966	2.00000	2.092
	18 Methyl Parathion	21.134	21.132	(0.736)	753320	2.00000	2.090(A)
	19 Ronnel	21.221	21.222	(0.739)	868895	2.00000	1.999
	20 Malathion	22.495	22.492	(0.784)	728530	2.00000	2.084
	21 Chlorpyrifos	22.645	22.644	(0.789)	832490	2.00000	2.052
	22 Trichloronate	22.819	22.819	(0.795)	1021736	2.00000	2.031
	23 Parathion	22.866	22.866	(0.797)	893471	2.00000	1.967
	24 Fenthion	22.943	22.942	(0.799)	922040	2.00000	2.070
	25 Merphos-A (Merphos)	23.475	23.472	(0.818)	631476	2.00000	2.042
	26 Anilazine	24.455	24.451	(0.852)	64885	2.00000	2.006(M)
	27 Tetrachlorvinphos (stirophos)	25.870	25.869	(0.901)	576694	2.00000	2.014
	28 Tokuthion	26.044	26.043	(0.907)	995028	2.00000	2.091
	29 Merphos-B (Merphos oxone)	26.176	26.176	(0.912)	293170	2.00000	1.995
	30 Carbophenothion methyl	27.000	26.999	(0.941)	713460	2.00000	2.144
	31 Fensulfothion	27.240	27.237	(0.949)	603115	2.00000	2.094
	32 Bolstar	27.347	27.347	(0.953)	934727	2.00000	2.052
	33 Carbophenothion	27.460	27.460	(0.957)	792249	2.00000	2.080

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/mL)
	34 Famphur	27.645	27.644	(0.963)	755474	2.00000	2.171
$	35 Triphenyl phosphate	27.934	27.932	(0.973)	686859	2.00000	2.109
	36 EPN	28.240	28.240	(0.984)	787334	2.00000	2.108
	37 Phosmet	28.367	28.366	(0.988)	636769	2.00000	2.087
*	38 TOCP	28.705	28.705	(1.000)	752526	2.00000	
	39 Azinphos-methyl	28.817	28.816	(1.004)	524807	2.00000	2.058
	40 Azinphos-ethyl	29.129	29.127	(1.015)	585286	2.00000	2.144
	41 Coumaphos	29.456	29.453	(1.026)	504566	2.00000	2.058
M	42 Total Demeton				836927	2.00000	2.148
M	43 Merphos				924646	2.00000	2.091(A)

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_D.i
Lab File ID: 006F0601.D
Lab Smp Id: 8141 L4 GSV87209
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Misc Info:

Calibration Date: 06-AUG-2009
Calibration Time: 19:10
Client Smp ID: 8141 L4 GSV8720
Level:
Sample Type:

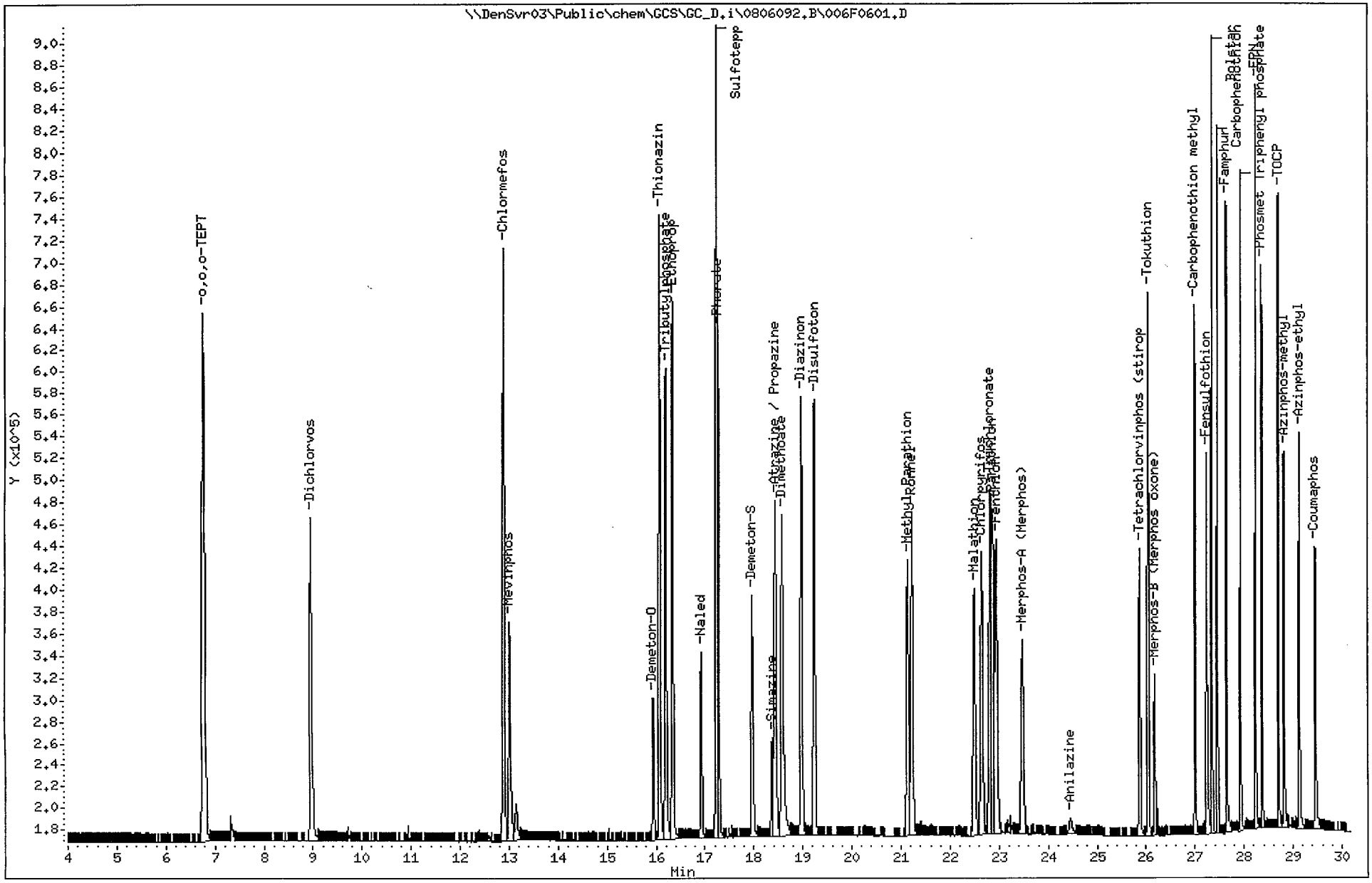
		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
7 Tributylphosphate	989795	494898	1979590	1016126	2.66
38 TOCP	732545	366273	1465090	752526	2.73

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.19	15.69	16.69	16.20	0.00
38 TOCP	28.70	28.20	29.20	28.71	0.00

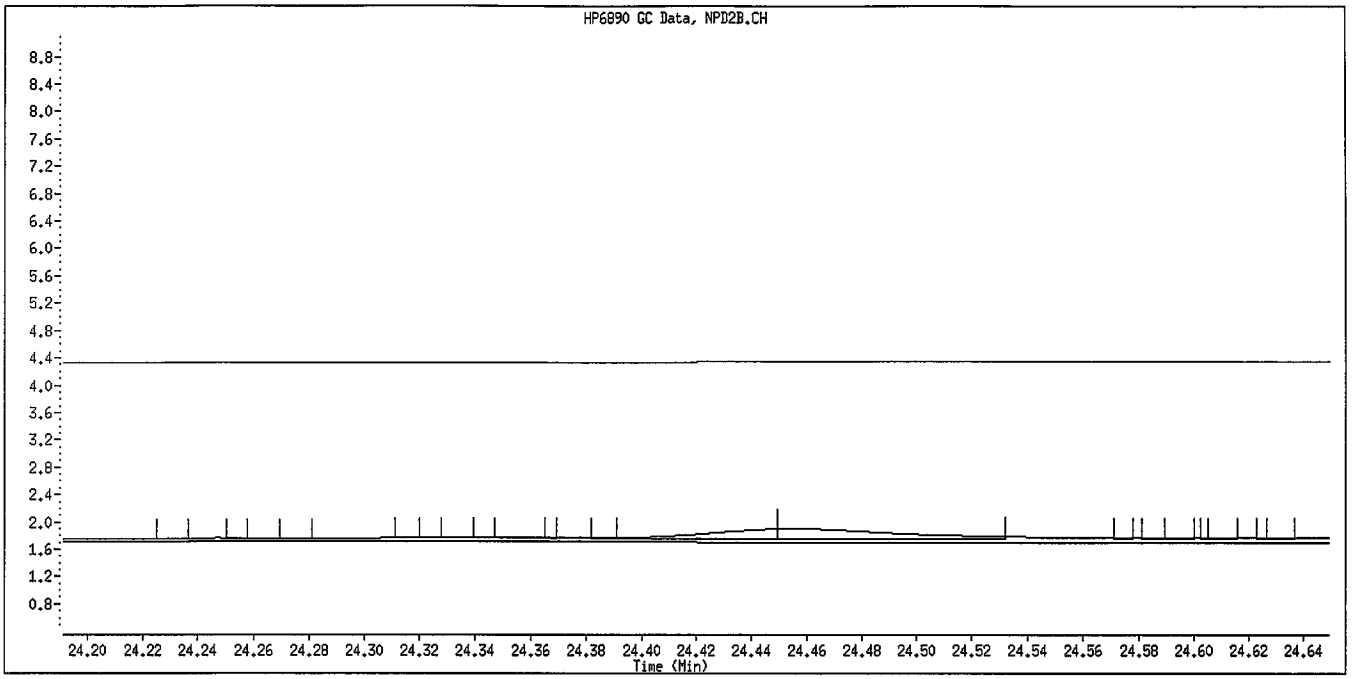
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\006F0601.D
Date : 06-AUG-2009 16:45
Client ID: 8141 L4 GSV87209
Sample Info: 8141 L4 GSV87209

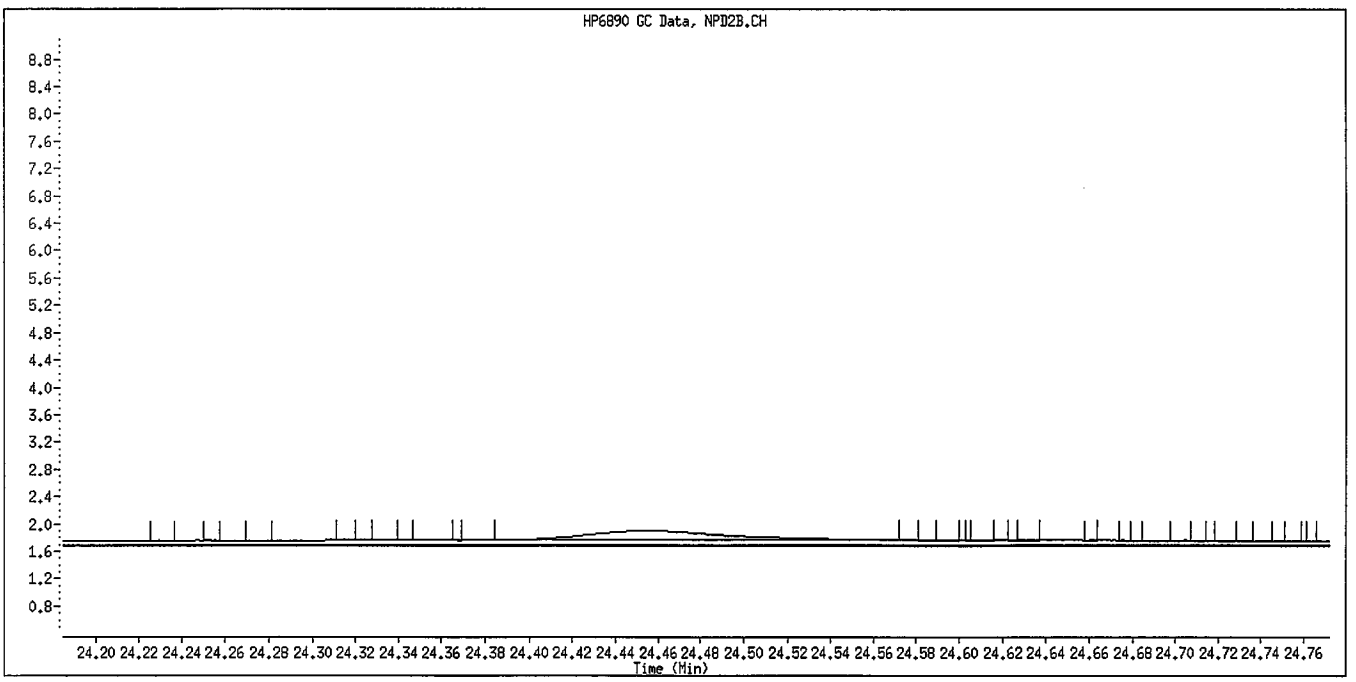
Instrument: GC_D.i
Operator: MPK/TLW
Column phase: RTx-OPPest
Column diameter: 0.32



Data File Name: 006F0601.D
Inj. Date and Time: 06-AUG-2009 16:45
Instrument ID: GC_D.i
Client ID: 8141 L4 GSV87209
Compound Name: Anilazine
CAS #:
Report Date: 08/07/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\007F0701.D
Lab Smp Id: 8141 L3 GSV87309 Client Smp ID: 8141 L3 GSV87309
Inj Date : 06-AUG-2009 17:21
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L3 GSV87309
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Meth Date : 07-Aug-2009 13:43 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 16:45 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	6.759	6.758	(0.417)	965130	1.00000	1.043
	2 Dichlorvos	8.955	8.952	(0.553)	409559	1.00000	0.9932
$	3 Chlormefos	12.886	12.885	(0.796)	643087	1.00000	1.010
	4 Mevinphos	13.013	13.006	(0.803)	249277	1.00000	1.009
	5 Demeton-O	15.940	15.939	(0.984)	127811	0.32500	0.3377
	6 Thionazin	16.070	16.067	(0.992)	594152	1.00000	1.059
*	7 Tributylphosphate	16.198	16.193	(1.000)	989216	2.00000	
	8 Ethoprop	16.338	16.332	(1.009)	555560	1.00000	1.027
	9 Naled	16.925	16.921	(1.045)	159760	1.00000	1.000
	10 Sulfotepp	17.236	17.234	(1.064)	899443	1.00000	1.088
	11 Phorate	17.269	17.268	(1.066)	418518	1.00000	1.001
	12 Demeton-S	17.970	17.962	(1.109)	277186	0.68000	0.7298
	13 Simazine	18.376	18.368	(1.134)	82213	1.00000	0.9444
	14 Atrazine / Propazine	18.438	18.434	(1.138)	459489	2.00000	2.024
	15 Dimethoate	18.584	18.569	(1.147)	484895	1.00000	1.037
	16 Diazinon	18.970	18.967	(1.171)	521338	1.00000	1.063
	17 Disulfoton	19.232	19.231	(1.187)	520826	1.00000	1.052
	18 Methyl Parathion	21.136	21.132	(0.736)	351856	1.00000	1.028
	19 Ronnel	21.224	21.222	(0.739)	432694	1.00000	1.002
	20 Malathion	22.495	22.492	(0.784)	354820	1.00000	1.040
	21 Chlorpyrifos	22.646	22.644	(0.789)	394413	1.00000	0.9994
	22 Trichloronate	22.821	22.819	(0.795)	455989	1.00000	0.9480
	23 Parathion	22.868	22.866	(0.797)	440954	1.00000	0.9703
	24 Fenthion	22.945	22.942	(0.799)	455004	1.00000	1.016
	25 Merphos-A (Merphos)	23.476	23.472	(0.818)	277563	1.00000	0.9745
	26 Anilazine	24.465	24.451	(0.852)	27039	1.00000	0.9154(M)
	27 Tetrachlorvinphos (stirophos)	25.873	25.869	(0.901)	256768	1.00000	0.9456
	28 Tokuthion	26.046	26.043	(0.907)	475219	1.00000	1.005
	29 Merphos-B (Merphos oxone)	26.177	26.176	(0.912)	174313	1.00000	0.8959
	30 Carbophenothion methyl	27.001	26.999	(0.941)	335861	1.00000	1.016
	31 Fensulfothion	27.245	27.237	(0.949)	280688	1.00000	1.028
	32 Bolstar	27.348	27.347	(0.953)	476810	1.00000	1.053
	33 Carbophenothion	27.461	27.460	(0.957)	385145	1.00000	1.018

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Famphur	27.646	27.644	(0.963)	361510	1.00000	1.046
$	35 Triphenyl phosphate	27.935	27.932	(0.973)	342483	1.00000	1.059
	36 EPN	28.241	28.240	(0.984)	391460	1.00000	1.055
	37 Phosmet	28.369	28.366	(0.988)	302493	1.00000	1.027
*	38 TOCP	28.706	28.705	(1.000)	747627	2.00000	
	39 Azinphos-methyl	28.819	28.816	(1.004)	240868	1.00000	0.9800
	40 Azinphos-ethyl	29.131	29.127	(1.015)	286560	1.00000	1.057
	41 Coumaphos	29.459	29.453	(1.026)	236130	1.00000	0.9934
M	42 Total Demeton				404997	1.00000	1.067
M	43 Merphos				451876	1.00000	1.026

QC Flag Legend

M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

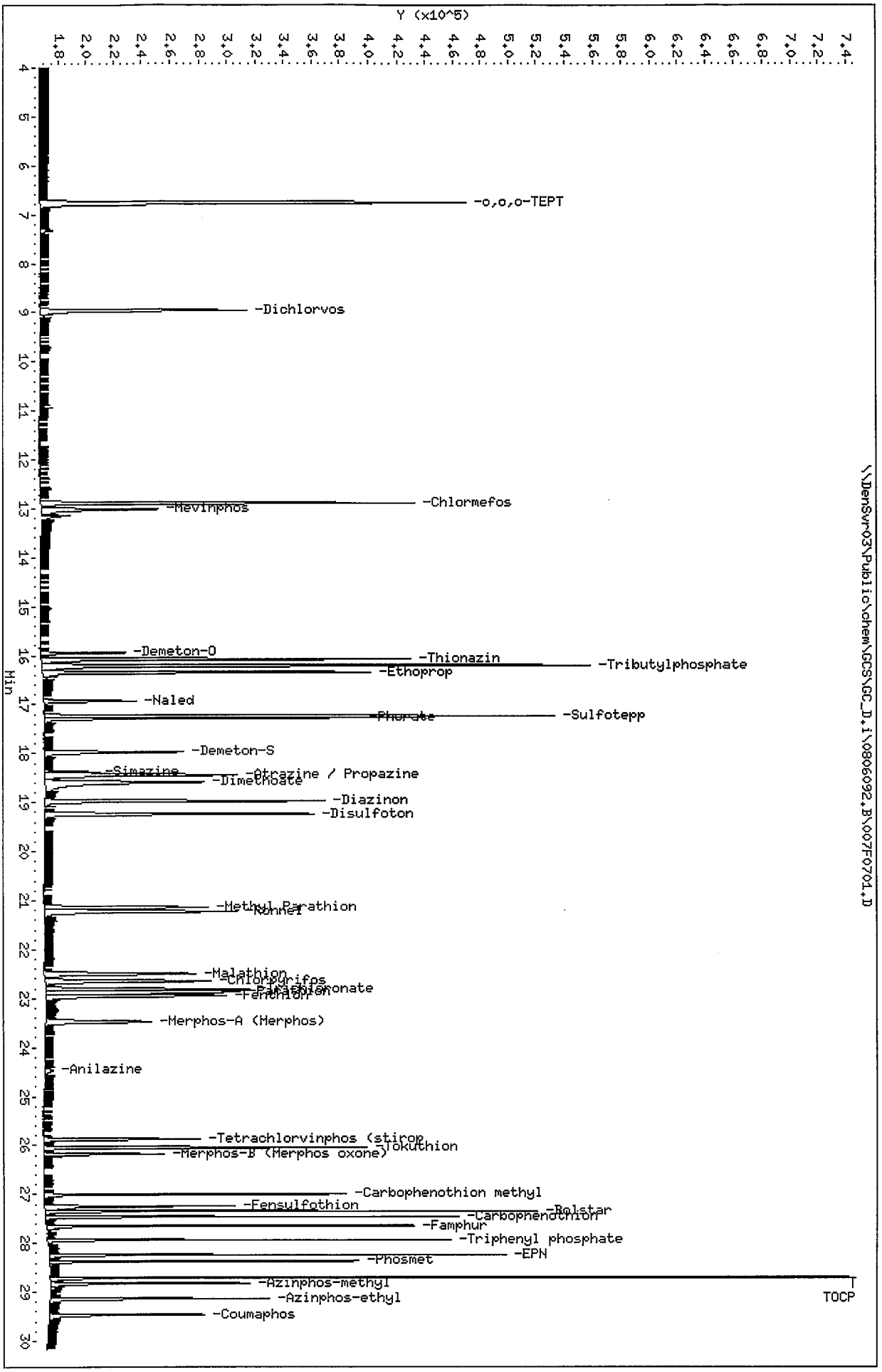
Instrument ID: GC_D.i
Lab File ID: 007F0701.D
Lab Smp Id: 8141 L3 GSV87309
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Misc Info:

Calibration Date: 06-AUG-2009
Calibration Time: 19:10
Client Smp ID: 8141 L3 GSV8730
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	989795	494898	1979590	989216	-0.06
38 TOCP	732545	366273	1465090	747627	2.06

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.19	15.69	16.69	16.20	0.02
38 TOCP	28.70	28.20	29.20	28.71	0.00

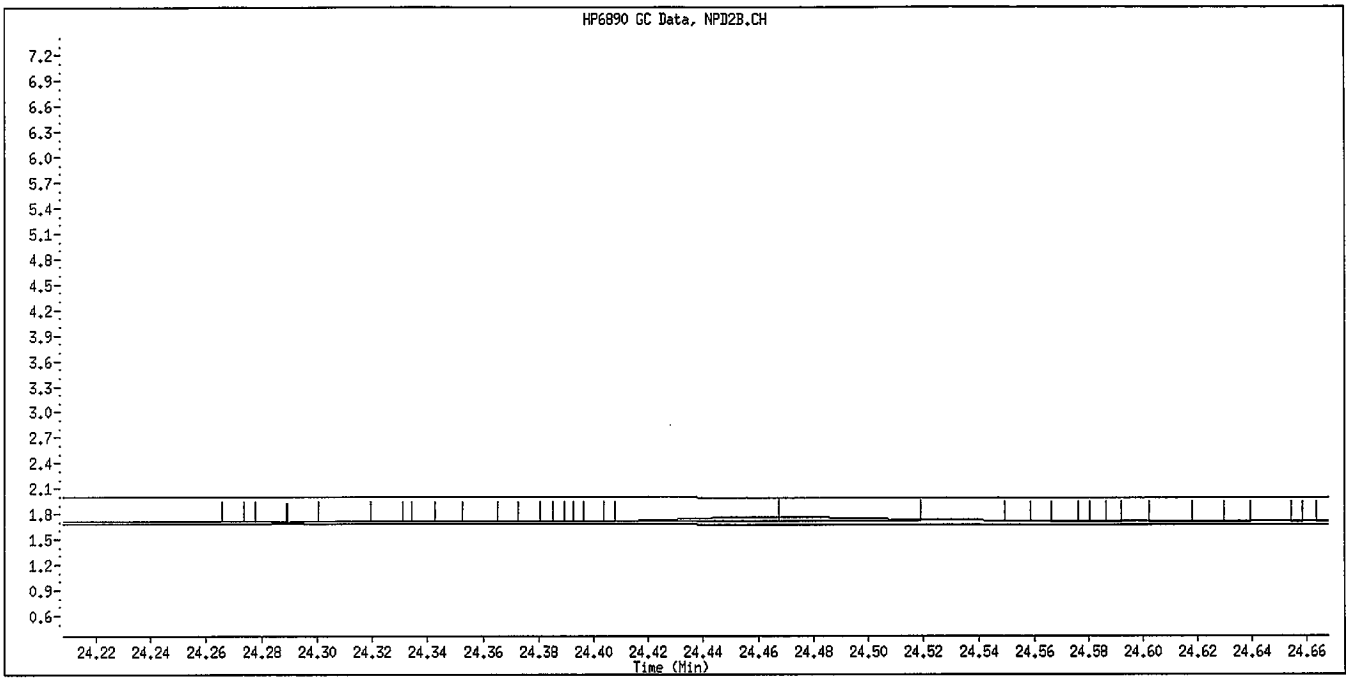
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



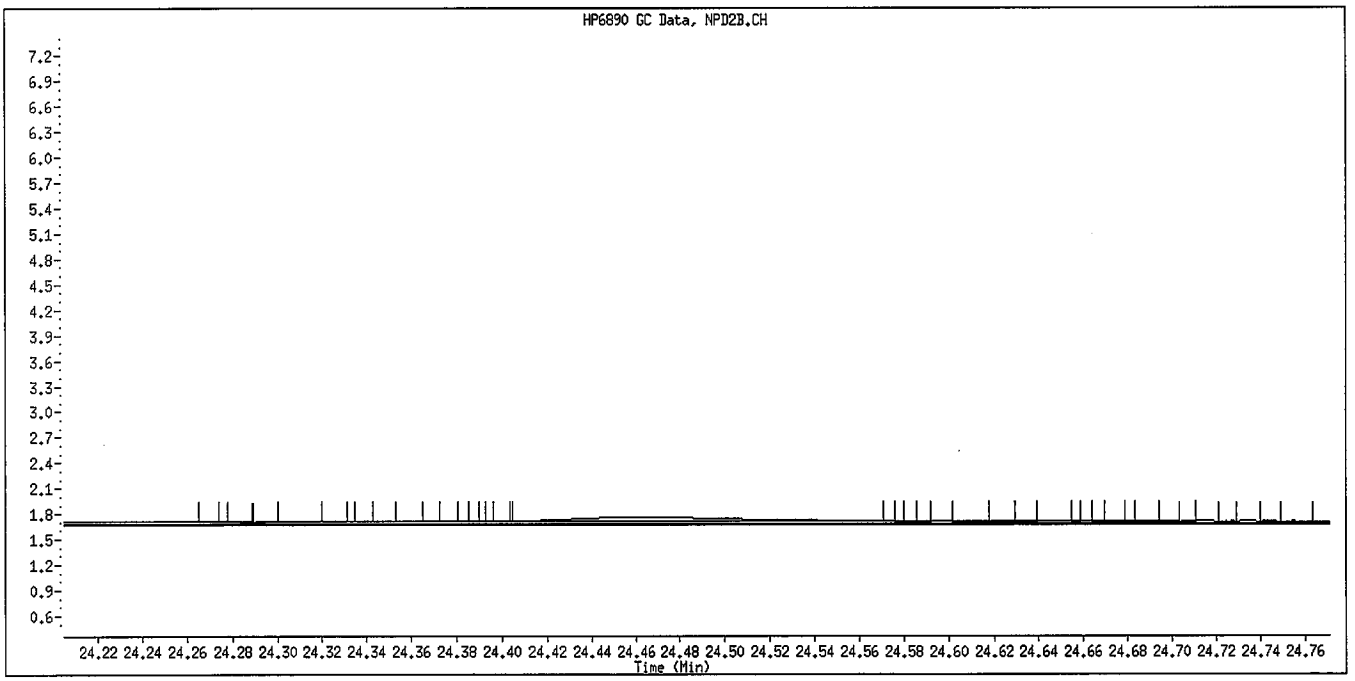
Data File: \\DenSvr03\Public\chem\GCS\GC_D,i\0806092,B\007F0701,D
Date : 06-AUG-2009 17:21
Client ID: 8141 L3 GSV87309
Sample Info: 8141 L3 GSV87309
Column phase: RTx-OPPest

Instrument: GC_D,i
Operator: MPK/TLW
Column diameter: 0.32

Data File Name: 007F0701.D
Inj. Date and Time: 06-AUG-2009 17:21
Instrument ID: GC_D.i
Client ID: 8141 L3 GSV87309
Compound Name: Anilazine
CAS #:
Report Date: 08/07/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\008F0801.D
Lab Smp Id: 8141 L2 GSV87409 Client Smp ID: 8141 L2 GSV87409
Inj Date : 06-AUG-2009 17:58
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L2 GSV87409
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Meth Date : 07-Aug-2009 13:43 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 17:21 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	6.760	6.758	(0.417)	446074	0.50000	0.5083
	2 Dichlorvos	8.957	8.952	(0.553)	184786	0.50000	0.4724
$	3 Chlormefos	12.887	12.885	(0.795)	285008	0.50000	0.4339
	4 Mevinphos	13.017	13.006	(0.803)	90159	0.50000	0.4122
	5 Demeton-O	15.943	15.939	(0.984)	52208	0.16250	0.1454
	6 Thionazin	16.072	16.067	(0.992)	254165	0.50000	0.4777
*	7 Tributylphosphate	16.203	16.193	(1.000)	938496	2.00000	
	8 Ethoprop	16.341	16.332	(1.009)	267910	0.50000	0.4373
	9 Naled	16.928	16.921	(1.045)	47634	0.50000	0.4328
	10 Sulfotepp	17.237	17.234	(1.064)	366024	0.50000	0.4669 (M)
	11 Phorate	17.263	17.268	(1.065)	194983	0.50000	0.4917 (M)
	12 Demeton-S	17.980	17.962	(1.110)	115344	0.34000	0.3201
	13 Simazine	18.389	18.368	(1.135)	15934	0.50000	0.4213
	14 Atrazine / Propazine	18.447	18.434	(1.139)	205001	1.00000	0.9517
	15 Dimethoate	18.611	18.569	(1.149)	178809	0.50000	0.4400 (M)
	16 Diazinon	18.974	18.967	(1.171)	230115	0.50000	0.4947
	17 Disulfoton	19.237	19.231	(1.187)	226407	0.50000	0.4819
	18 Methyl Parathion	21.146	21.132	(0.737)	130034	0.50000	0.4531
	19 Ronnel	21.229	21.222	(0.740)	194447	0.50000	0.4743
	20 Malathion	22.504	22.492	(0.784)	150756	0.50000	0.4856
	21 Chlorpyrifos	22.650	22.644	(0.789)	169871	0.50000	0.4753
	22 Trichloronate	22.826	22.819	(0.795)	196799	0.50000	0.4662
	23 Parathion	22.878	22.866	(0.797)	175066	0.50000	0.4646
	24 Fenthion	22.949	22.942	(0.799)	206817	0.50000	0.4732
	25 Merphos-A (Merphos)	23.483	23.472	(0.818)	104851	0.50000	0.4644
	26 Anilazine	24.499	24.451	(0.853)	10789	0.50000	0.4585 (M)
	27 Tetrachlorvinphos (stirophos)	25.879	25.869	(0.902)	97796	0.50000	0.4261
	28 Tokuthion	26.051	26.043	(0.907)	200061	0.50000	0.4456
	29 Merphos-B (Merphos oxone)	26.183	26.176	(0.912)	96740	0.50000	0.4507
	30 Carbophenothion methyl	27.005	26.999	(0.941)	134360	0.50000	0.4281
	31 Fensulfothion	27.255	27.237	(0.949)	101238	0.50000	0.4451
	32 Bolstar	27.351	27.347	(0.953)	211287	0.50000	0.4917
	33 Carbophenothion	27.464	27.460	(0.957)	161758	0.50000	0.4504

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Famphur	27.649	27.644	(0.963)	142973	0.50000	0.4356
$	35 Triphenyl phosphate	27.936	27.932	(0.973)	146162	0.50000	0.4759
	36 EPN	28.243	28.240	(0.984)	165917	0.50000	0.4710
	37 Phosmet	28.373	28.366	(0.988)	114720	0.50000	0.4440
*	38 TOCP	28.707	28.705	(1.000)	709802	2.00000	
	39 Azinphos-methyl	28.825	28.816	(1.004)	89923	0.50000	0.4185
	40 Azinphos-ethyl	29.136	29.127	(1.015)	116961	0.50000	0.4543
	41 Coumaphos	29.465	29.453	(1.026)	91236	0.50000	0.4310
M	42 Total Demeton				167552	0.50000	0.4655
M	43 Merphos				201591	0.50000	0.4803

QC Flag Legend

M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: GC_D.i
Lab File ID: 008F0801.D
Lab Smp Id: 8141 L2 GSV87409
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Misc Info:

Calibration Date: 06-AUG-2009
Calibration Time: 19:10
Client Smp ID: 8141 L2 GSV8740
Level:
Sample Type:

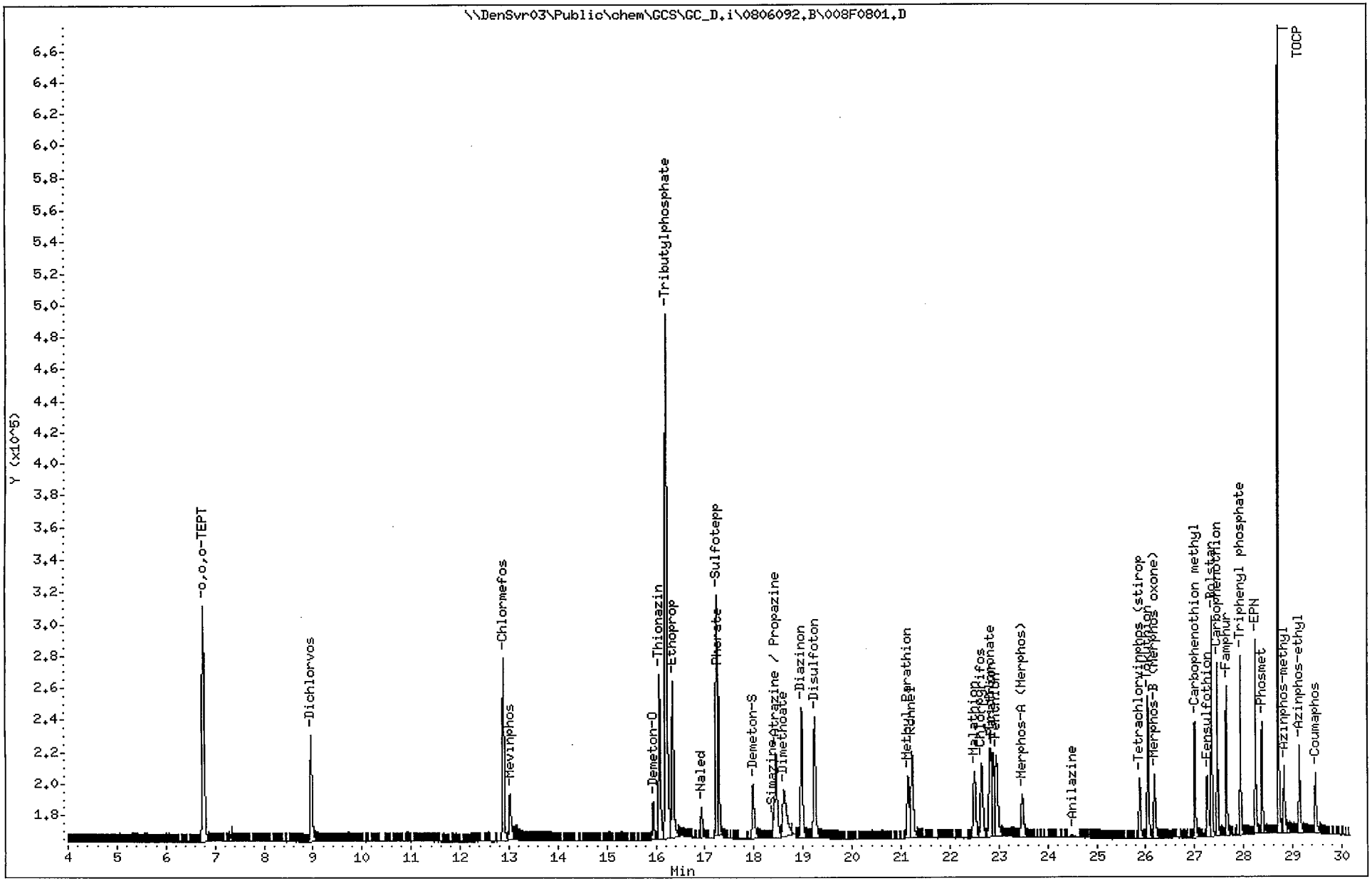
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	989795	494898	1979590	938496	-5.18
38 TOCP	732545	366273	1465090	709802	-3.10

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.19	15.69	16.69	16.20	0.05
38 TOCP	28.70	28.20	29.20	28.71	0.01

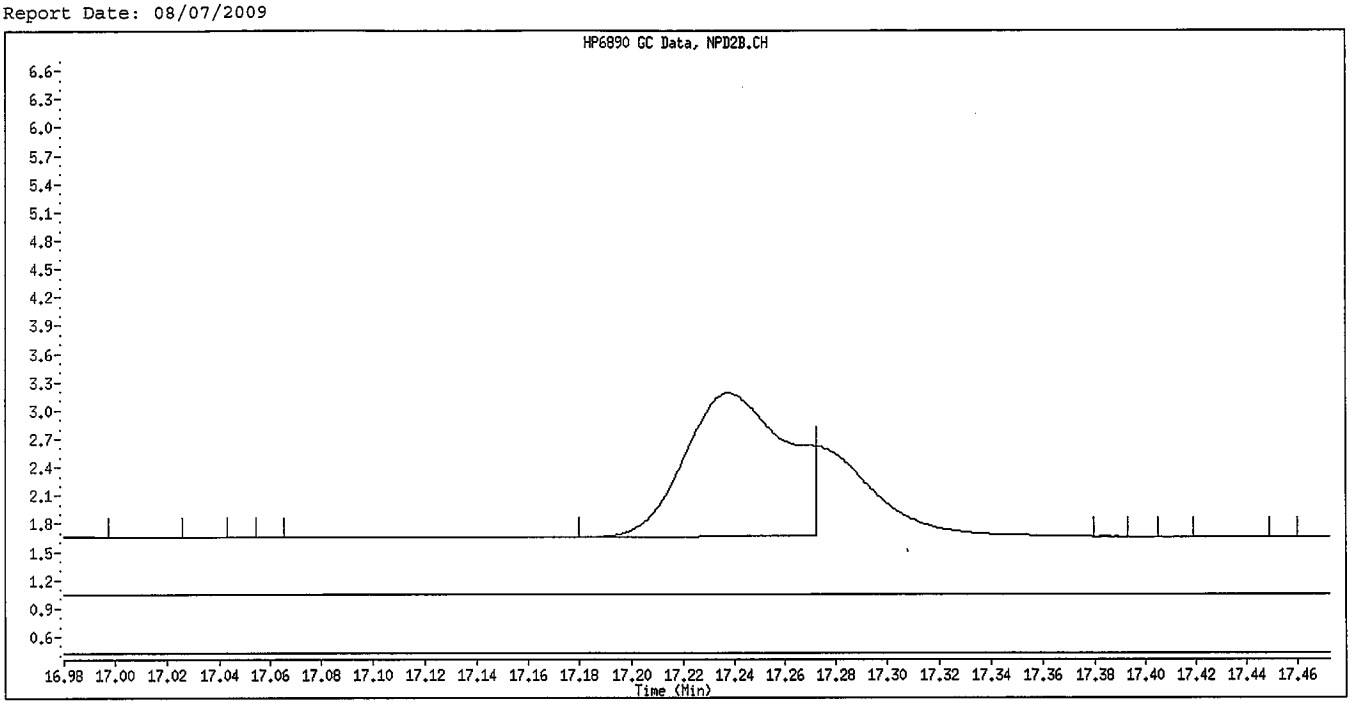
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\008F0801.D
Date : 06-AUG-2009 17:58
Client ID: 8141 L2 GSV87409
Sample Info: 8141 L2 GSV87409

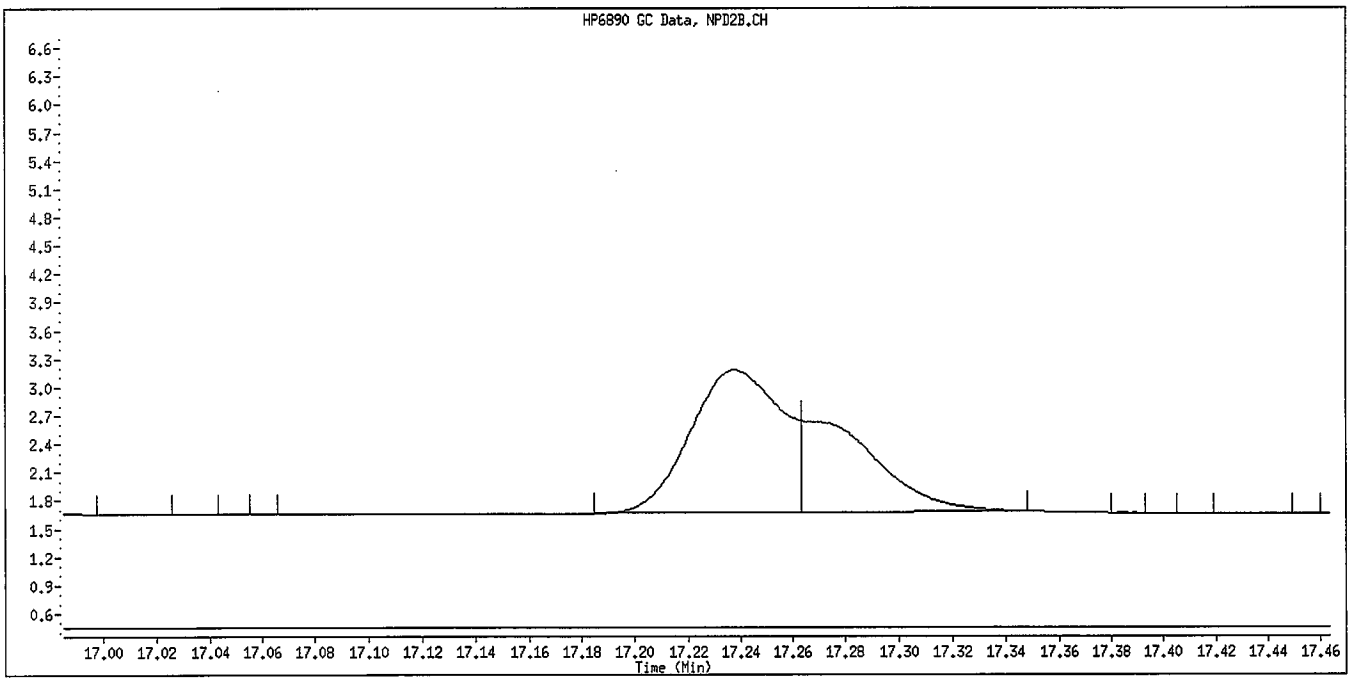
Instrument: GC_D.i
Operator: MPK/TLW
Column phase: RTx-OPPest
Column diameter: 0.32



Data File Name: 008F0801.D
Inj. Date and Time: 06-AUG-2009 17:58
Instrument ID: GC_D.i
Client ID: 8141 L2 GSV87409
Compound Name: Sulfotepp
CAS #:
Report Date: 08/07/2009



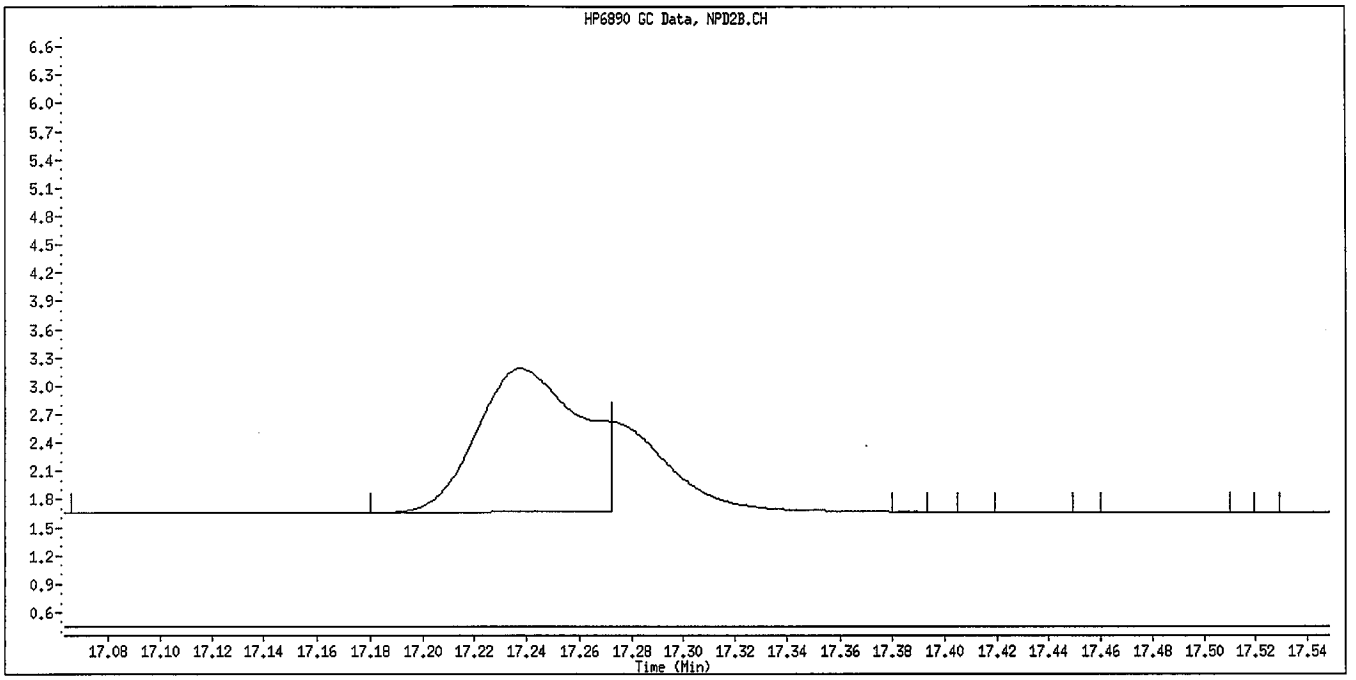
Original Integration



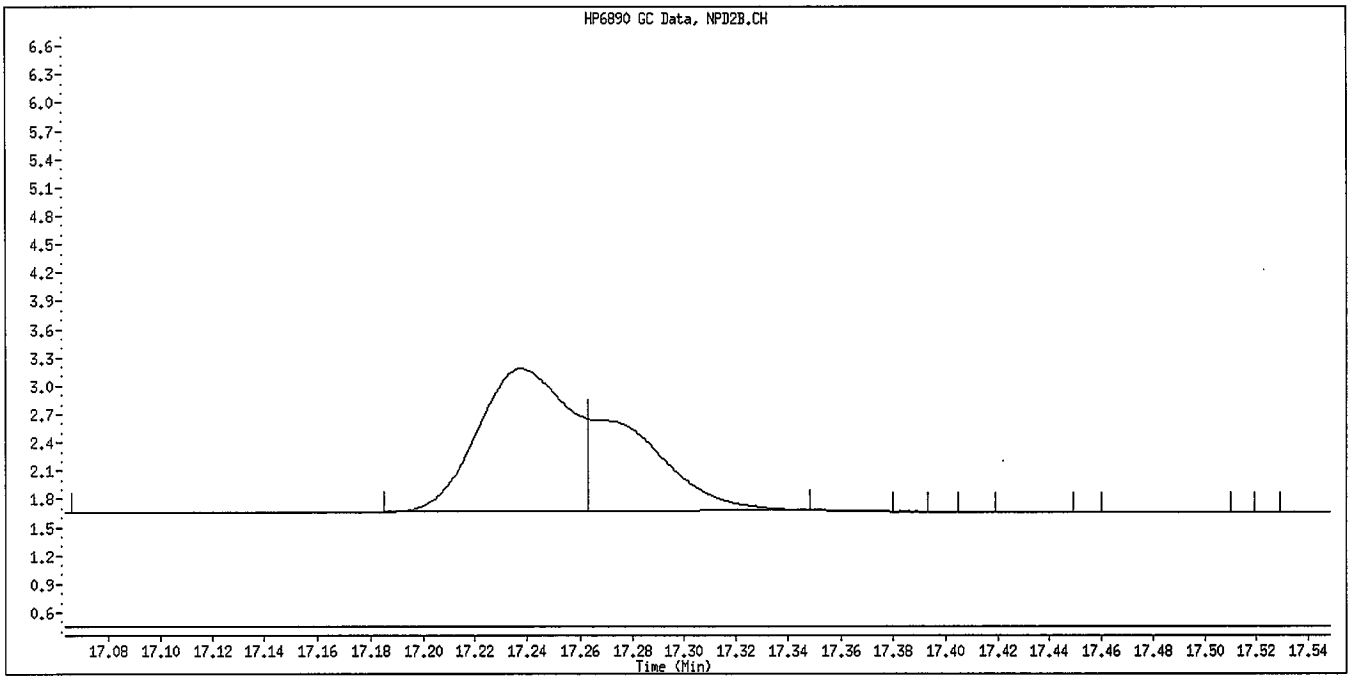
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 008F0801.D
Inj. Date and Time: 06-AUG-2009 17:58
Instrument ID: GC_D.i
Client ID: 8141 L2 GSV87409
Compound Name: Phorate
CAS #:
Report Date: 08/07/2009



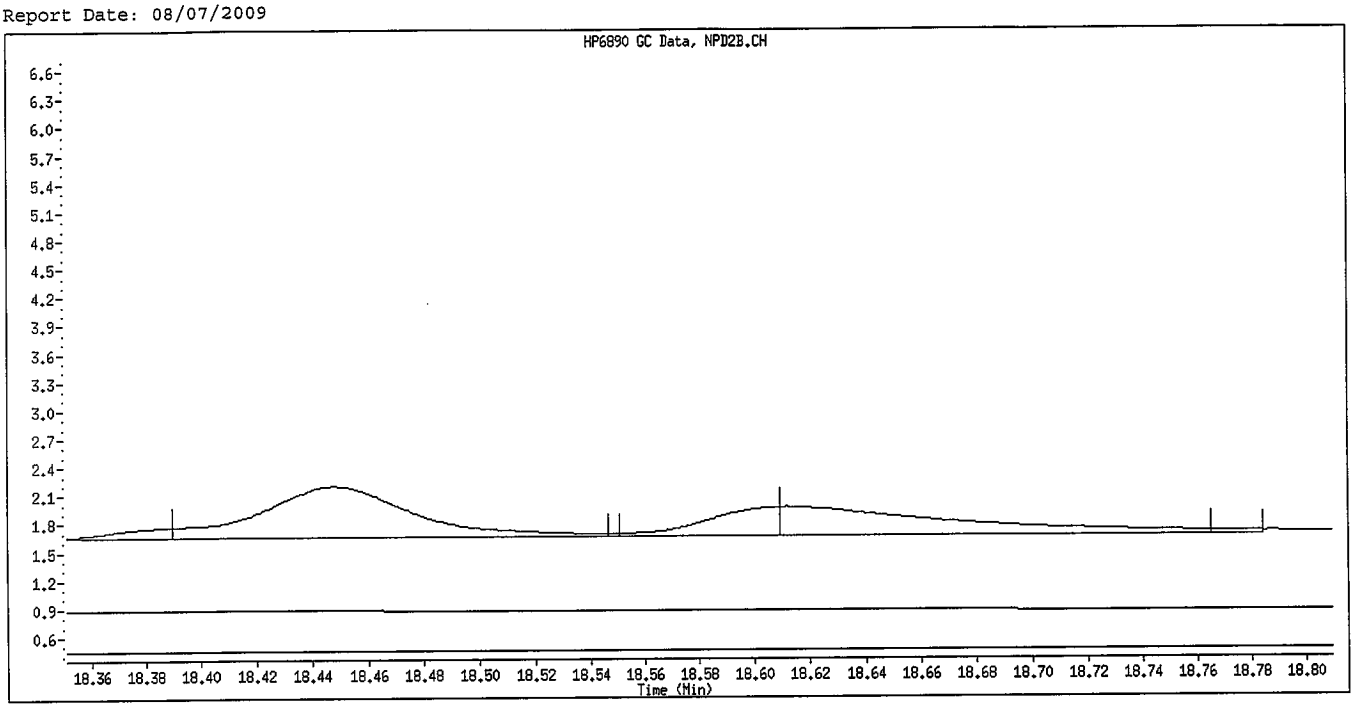
Original Integration



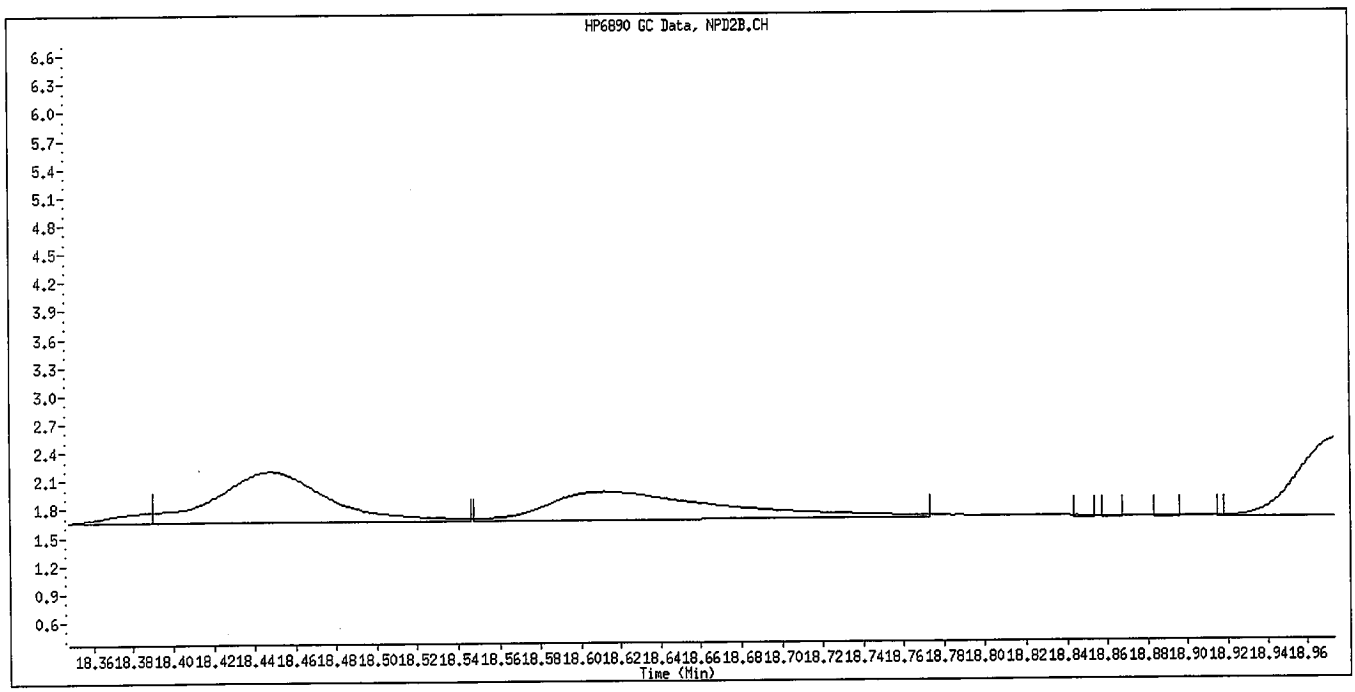
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 008F0801.D
Inj. Date and Time: 06-AUG-2009 17:58
Instrument ID: GC_D.i
Client ID: 8141 L2 GSV87409
Compound Name: Dimethoate
CAS #:
Report Date: 08/07/2009



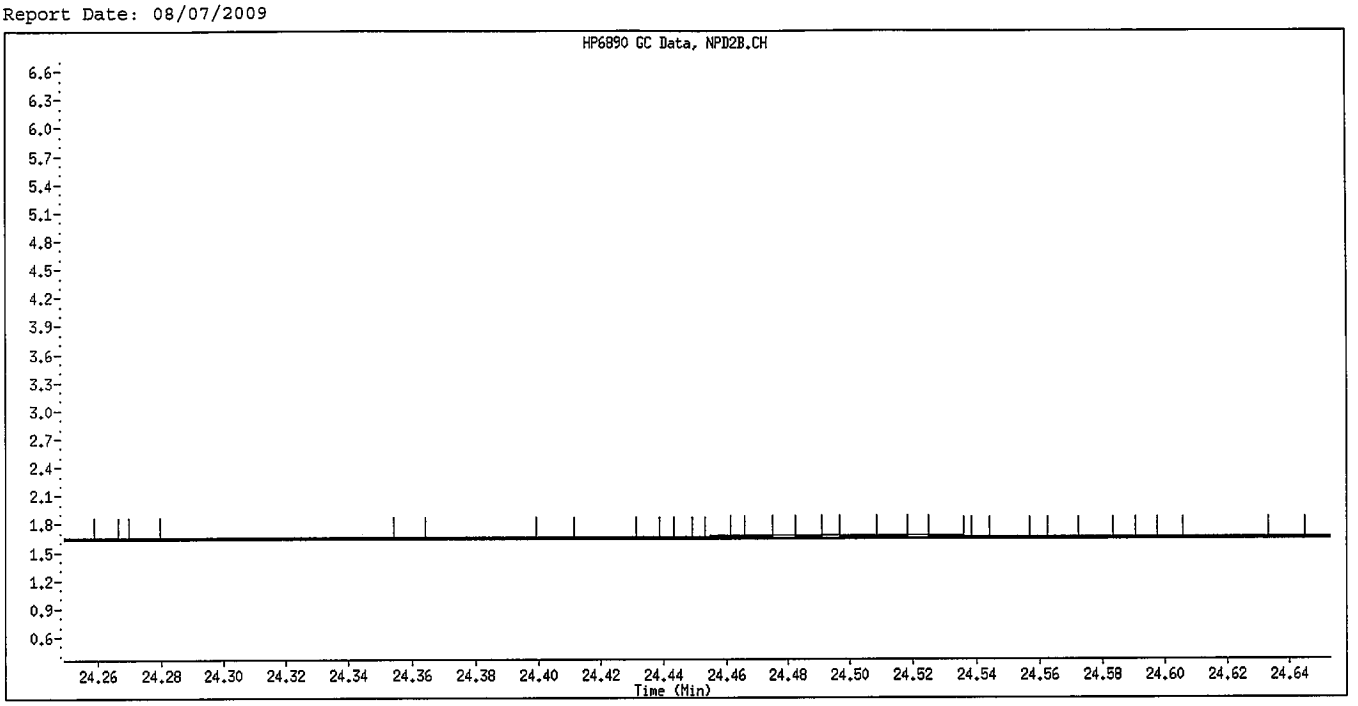
Original Integration



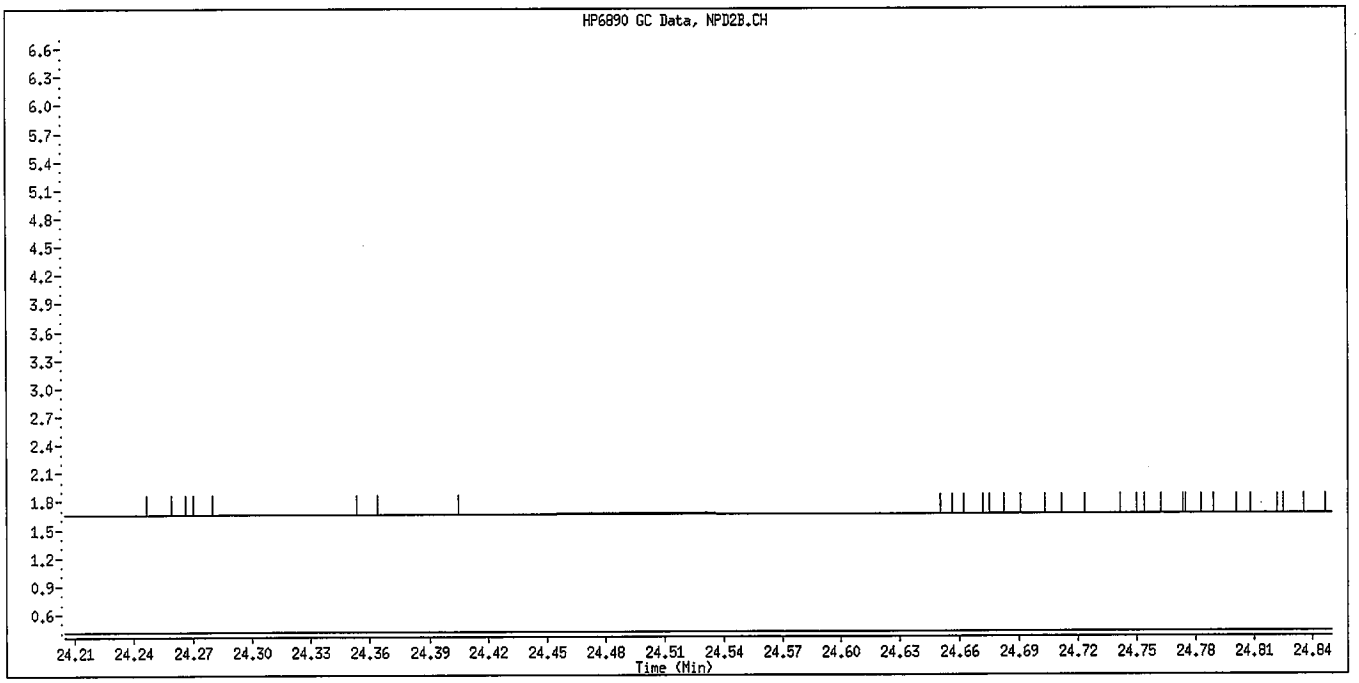
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 008F0801.D
Inj. Date and Time: 06-AUG-2009 17:58
Instrument ID: GC_D.i
Client ID: 8141 L2 GSV87409
Compound Name: Anilazine
CAS #:
Report Date: 08/07/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\009F0901.D
Lab Smp Id: 8141 L1 GSV87509 Client Smp ID: 8141 L1 GSV87509
Inj Date : 06-AUG-2009 18:34
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 L1 GSV87509
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Meth Date : 07-Aug-2009 13:44 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 17:58 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	6.759	6.758	(0.417)	194063	0.20000	0.2449
	2 Dichlorvos	8.959	8.952	(0.553)	76144	0.20000	0.2156
$	3 Chlormefos	12.885	12.885	(0.795)	118440	0.20000	0.1612
	4 Mevinphos	13.026	13.006	(0.804)	26181	0.20000	0.1630 (M)
	5 Demeton-O	15.943	15.939	(0.984)	20641	0.06500	0.06367
	6 Thionazin	16.074	16.067	(0.992)	97068	0.20000	0.2021
*	7 Tributylphosphate	16.208	16.193	(1.000)	847277	2.00000	
	8 Ethoprop	16.346	16.332	(1.009)	150814	0.20000	0.2078
	9 Naled	16.933	16.921	(1.045)	12427	0.20000	0.2460 (M)
	10 Sulfotepp	17.239	17.234	(1.064)	149883	0.20000	0.2118 (M)
	11 Phorate	17.264	17.268	(1.065)	91874	0.20000	0.2566 (M)
	12 Demeton-S	17.989	17.962	(1.110)	35956	0.13600	0.1105
	13 Simazine	18.413	18.368	(1.136)	6499	0.20000	0.3477 (M)
	14 Atrazine / Propazine	18.459	18.434	(1.139)	76775	0.40000	0.3948 (M)
	15 Dimethoate	18.648	18.569	(1.151)	62417	0.20000	0.2072 (M)
	16 Diazinon	18.976	18.967	(1.171)	95564	0.20000	0.2276
	17 Disulfoton	19.239	19.231	(1.187)	88146	0.20000	0.2078
	18 Methyl Parathion	21.160	21.132	(0.737)	40092	0.20000	0.2055 (M)
	19 Ronnel	21.234	21.222	(0.740)	87144	0.20000	0.2238
	20 Malathion	22.514	22.492	(0.784)	52293	0.20000	0.2003 (M)
	21 Chlorpyrifos	22.658	22.644	(0.789)	60489	0.20000	0.2033 (M)
	22 Trichloronate	22.829	22.819	(0.795)	66017	0.20000	0.2065 (M)
	23 Parathion	22.885	22.866	(0.797)	66767	0.20000	0.2620 (M)
	24 Fenthion	22.959	22.942	(0.800)	89878	0.20000	0.2030 (M)
	25 Merphos-A (Merphos)	23.486	23.472	(0.818)	23197	0.20000	0.2058 (M)
	26 Anilazine	24.549	24.451	(0.855)	3273	0.20000	0.2331 (M)
	27 Tetrachlorvinphos (stirophos)	25.888	25.869	(0.902)	35965	0.20000	0.2129
	28 Tokuthion	26.052	26.043	(0.907)	82667	0.20000	0.1938
	29 Merphos-B (Merphos oxone)	26.184	26.176	(0.912)	58022	0.20000	0.2908
	30 Carbophenothion methyl	27.010	26.999	(0.941)	51067	0.20000	0.1713
	31 Fensulfothion	27.272	27.237	(0.950)	31957	0.20000	0.2067
	32 Bolstar	27.353	27.347	(0.953)	91030	0.20000	0.2230
	33 Carbophenothion	27.467	27.460	(0.957)	66936	0.20000	0.1962

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Famphur	27.653	27.644	(0.963)	55126	0.20000	0.1768
$	35 Triphenyl phosphate	27.938	27.932	(0.973)	61702	0.20000	0.2115
	36 EPN	28.244	28.240	(0.984)	69232	0.20000	0.2069
	37 Phosmet	28.378	28.366	(0.989)	42368	0.20000	0.2070
*	38 TOCP	28.708	28.705	(1.000)	674279	2.00000	
	39 Azinphos-methyl	28.830	28.816	(1.004)	37094	0.20000	0.2126
	40 Azinphos-ethyl	29.140	29.127	(1.015)	46859	0.20000	0.1916
	41 Coumaphos	29.468	29.453	(1.026)	37102	0.20000	0.2102
M	42 Total Demeton				56597	0.20000	0.1742
M	43 Merphos				81219	0.20000	0.2015

QC Flag Legend

M - Compound response manually integrated.

TestAmerica

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

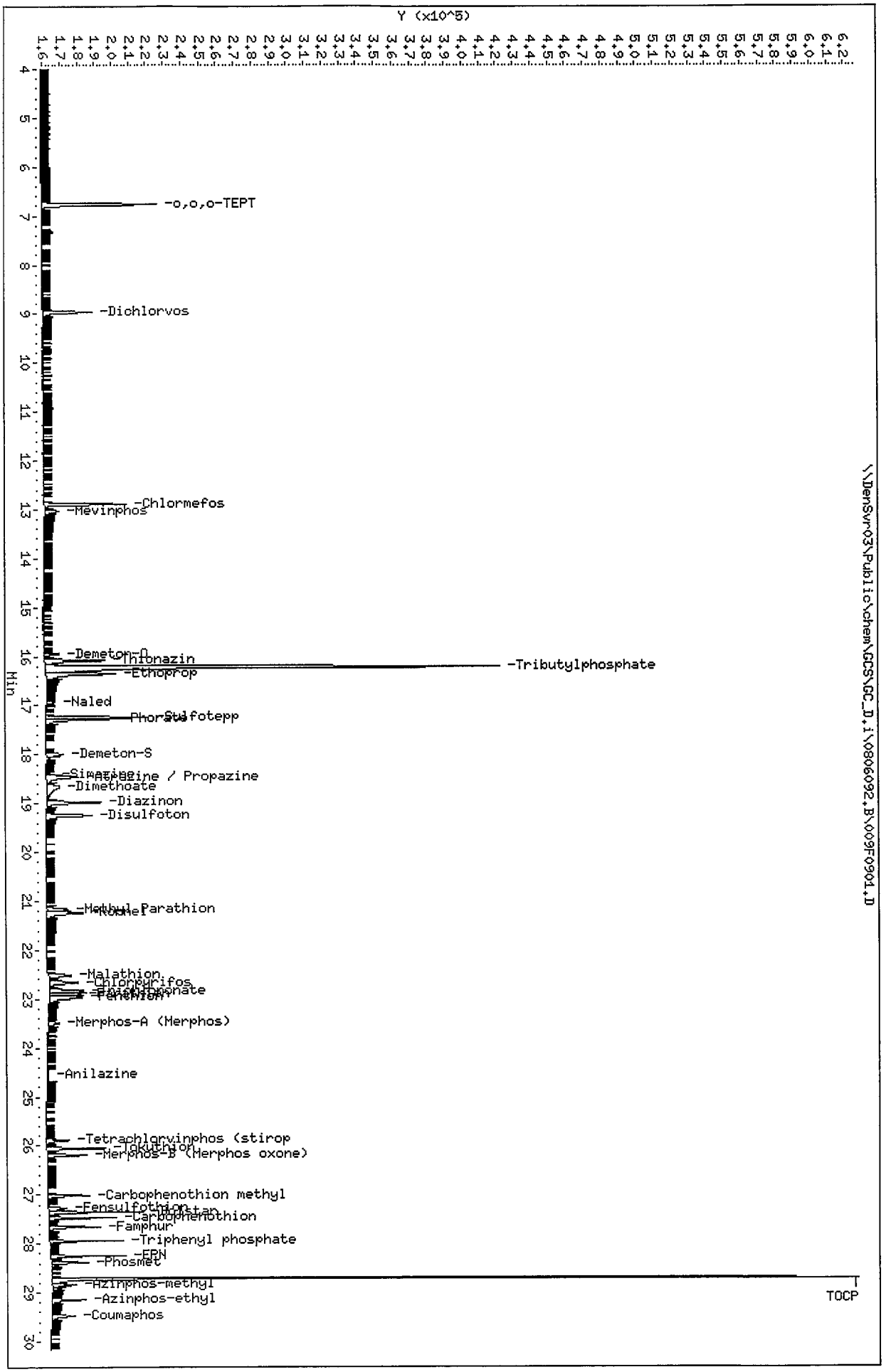
Instrument ID: GC_D.i
Lab File ID: 009F0901.D
Lab Smp Id: 8141 L1 GSV87509
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Misc Info:

Calibration Date: 06-AUG-2009
Calibration Time: 19:10
Client Smp ID: 8141 L1 GSV8750
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	989795	494898	1979590	847277	-14.40
38 TOCP	732545	366273	1465090	674279	-7.95

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.19	15.69	16.69	16.21	0.08
38 TOCP	28.70	28.20	29.20	28.71	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.

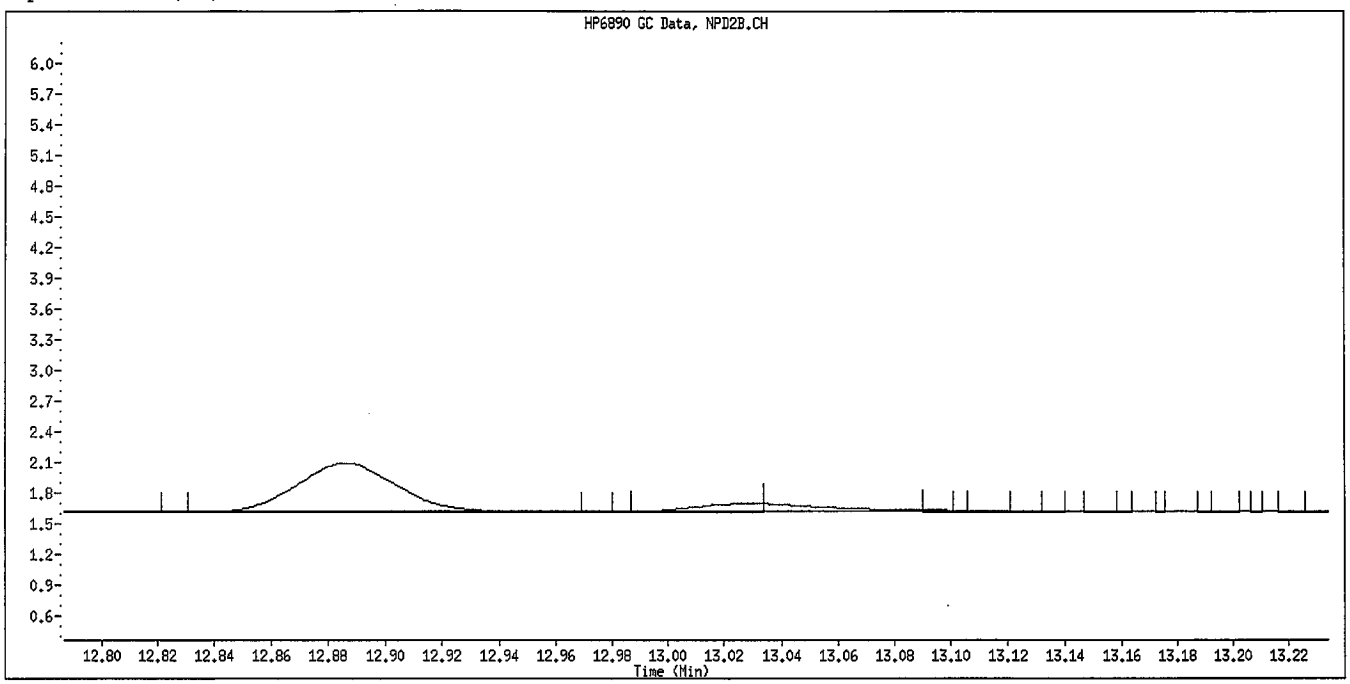


Data File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\009F0901.D
Date : 06-AUG-2009 18:34
Client ID: 8141 L1 GSV87509
Sample Info: 8141 L1 GSV87509
Column phase: RTx-OPPest

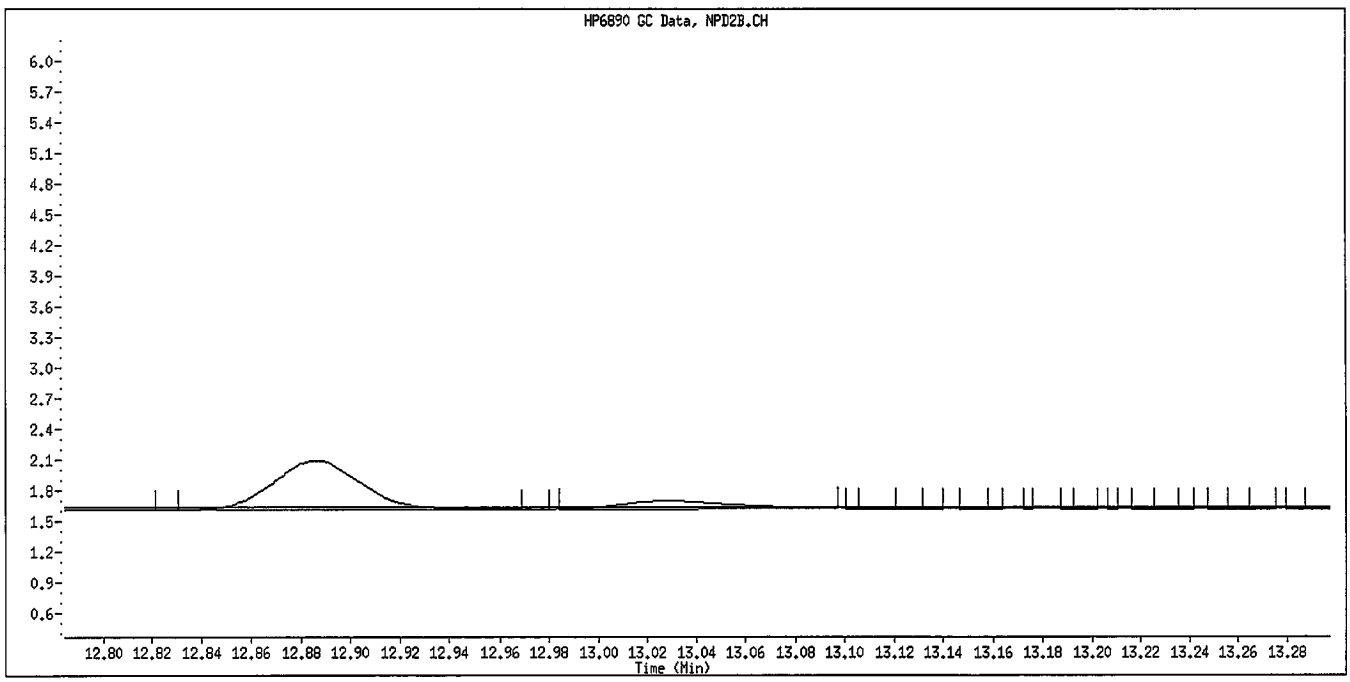
Instrument: GC_D.i
Operator: MPK/TLW
Column diameter: 0.32

\\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\009F0901.D

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Mevinphos
CAS #:
Report Date: 08/07/2009



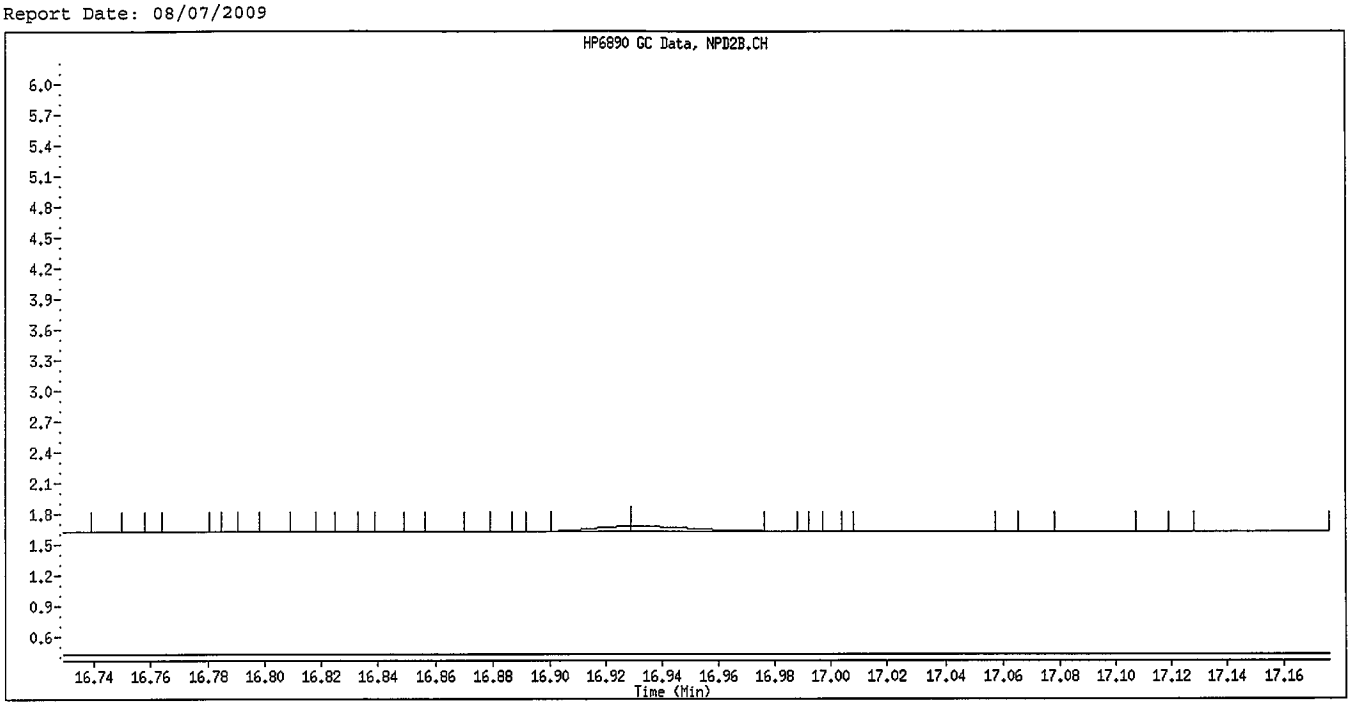
Original Integration



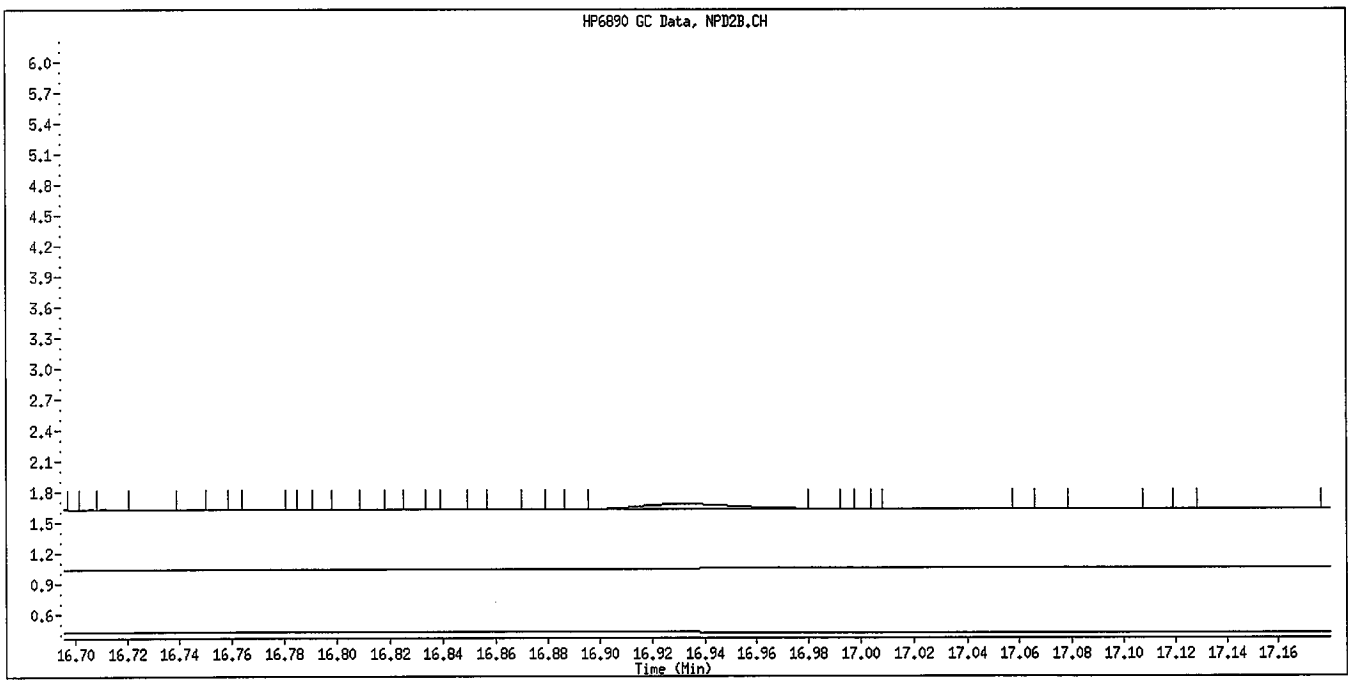
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Naled
CAS #:
Report Date: 08/07/2009



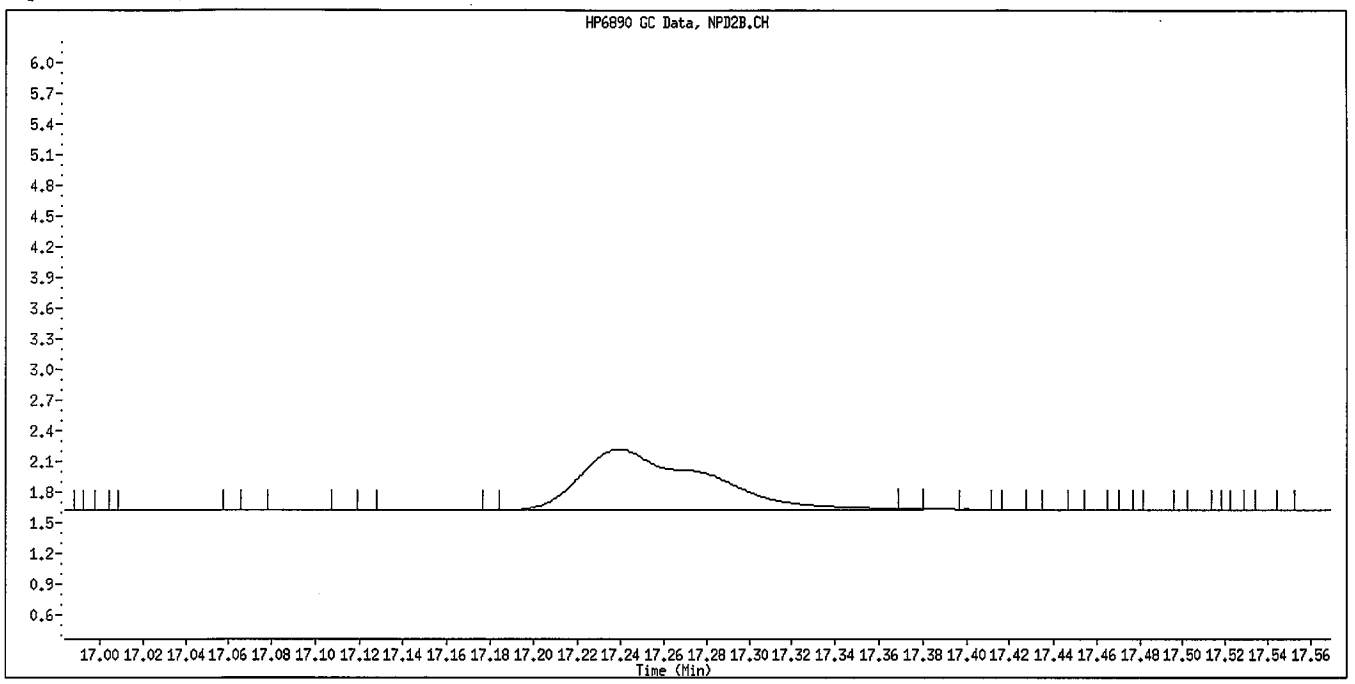
Original Integration



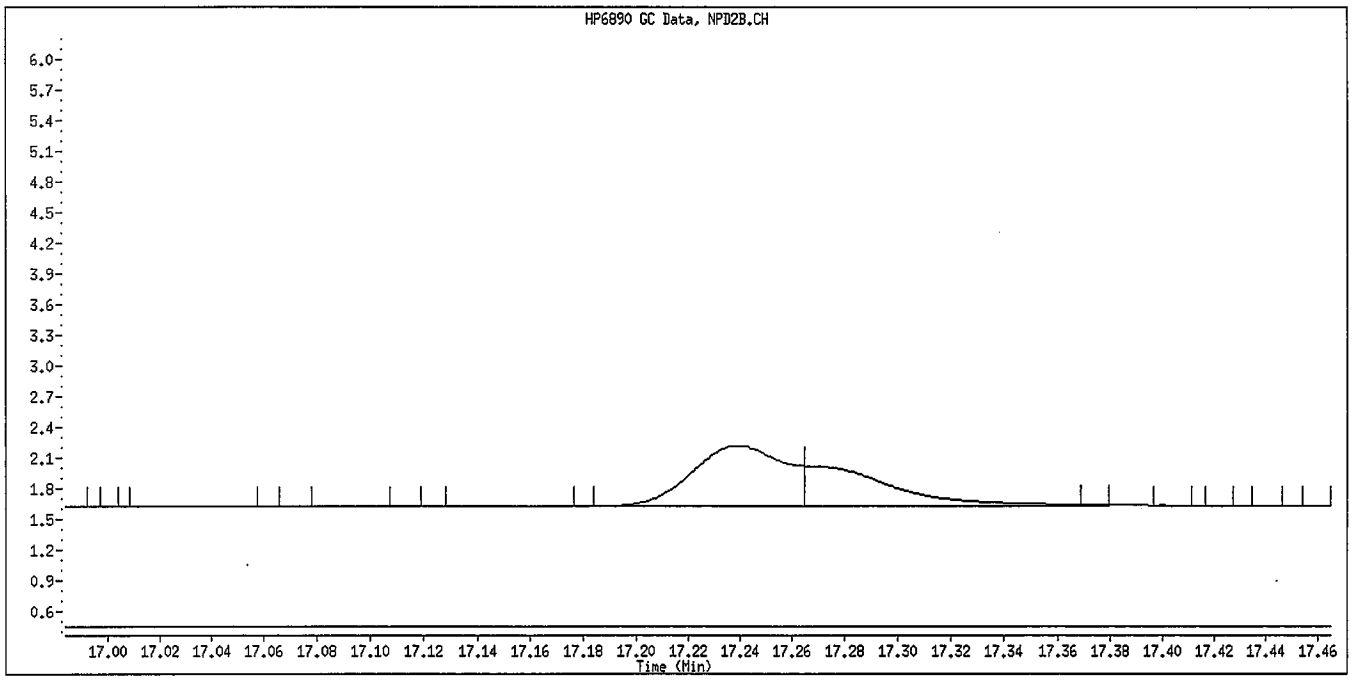
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Sulfotepp
CAS #:
Report Date: 08/07/2009



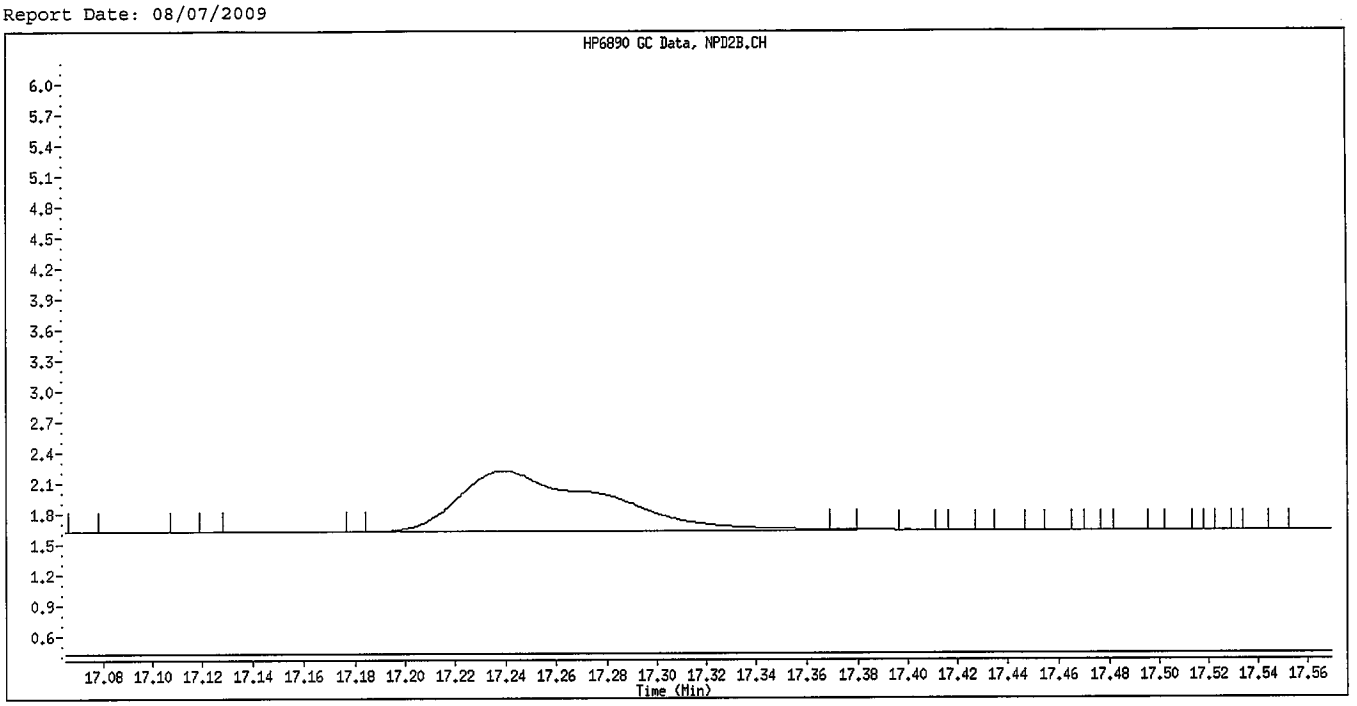
Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Phorate
CAS #:
Report Date: 08/07/2009



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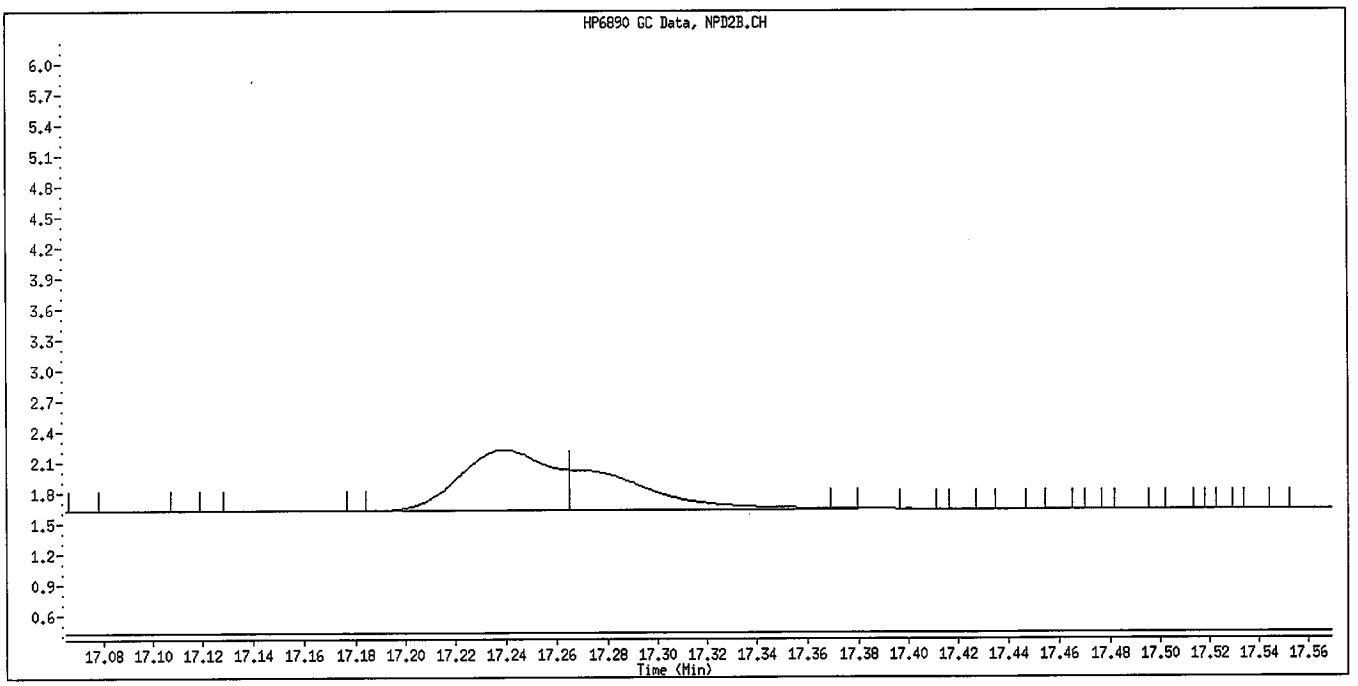
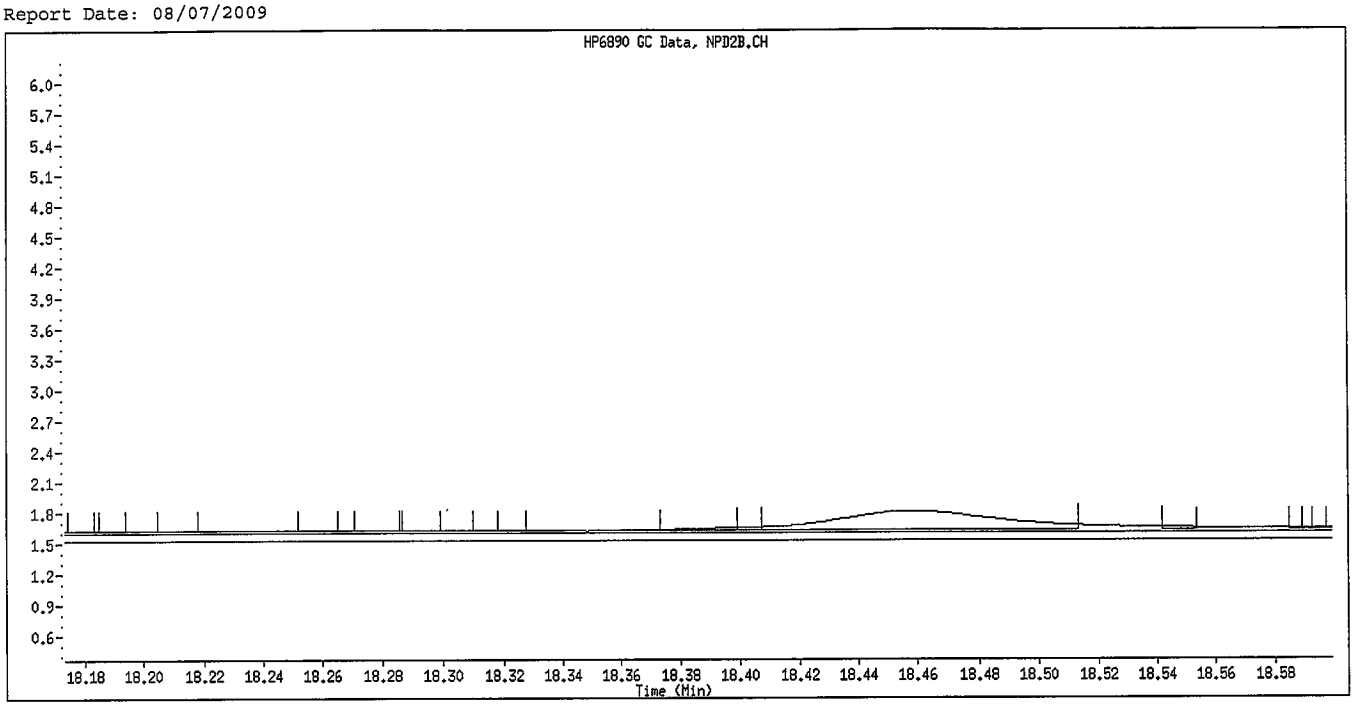


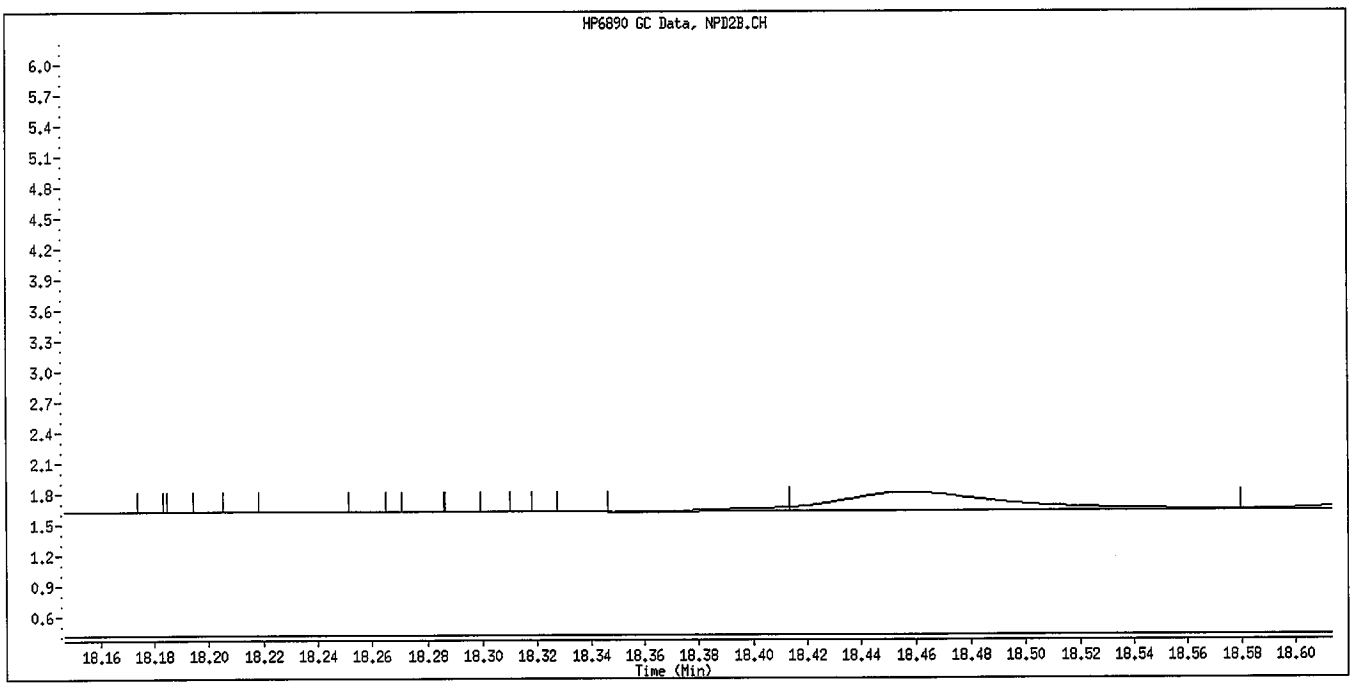
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Simazine
CAS #:
Report Date: 08/07/2009



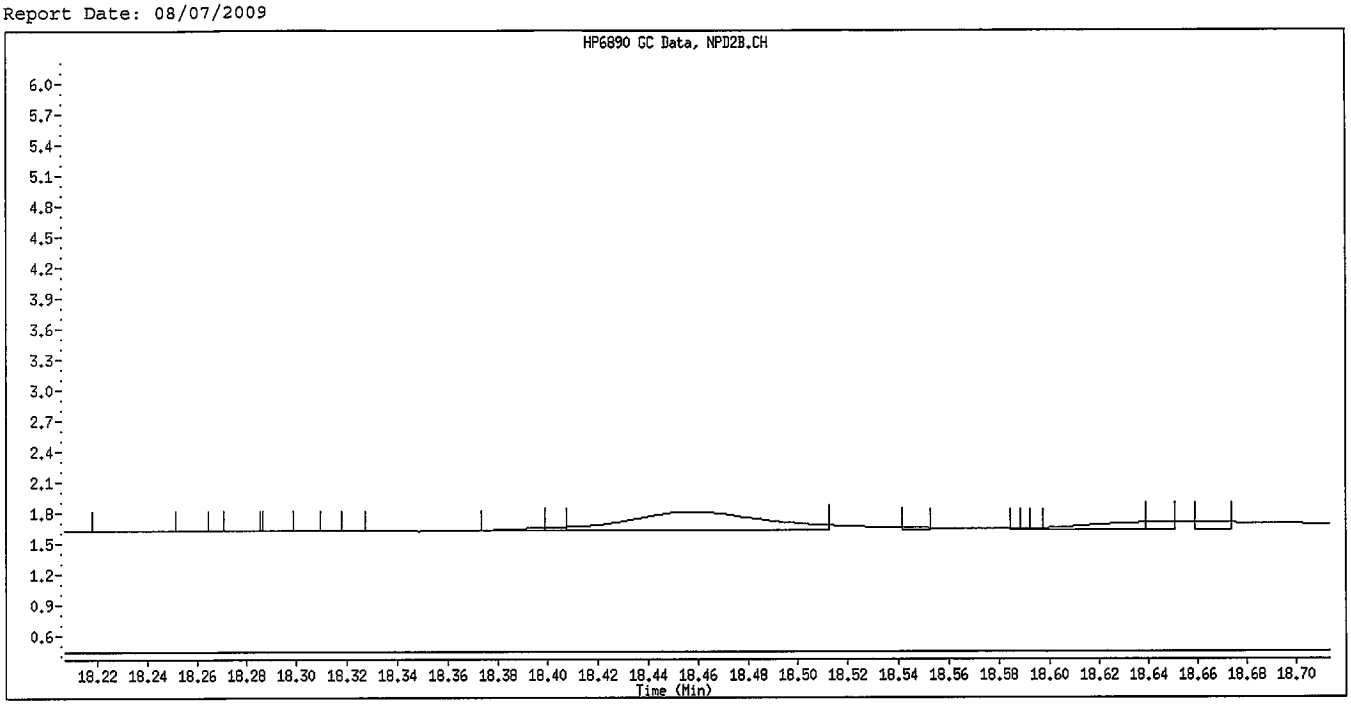
Original Integration



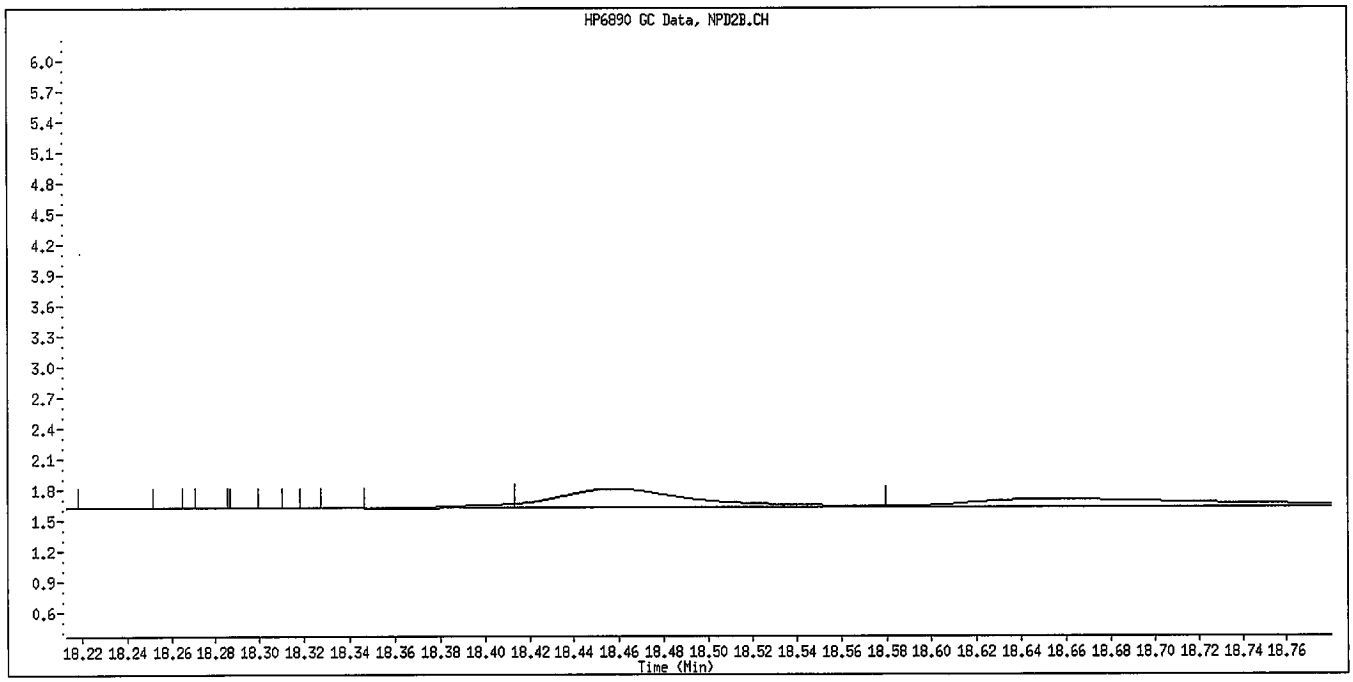
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Atrazine / Propazine
CAS #:
Report Date: 08/07/2009



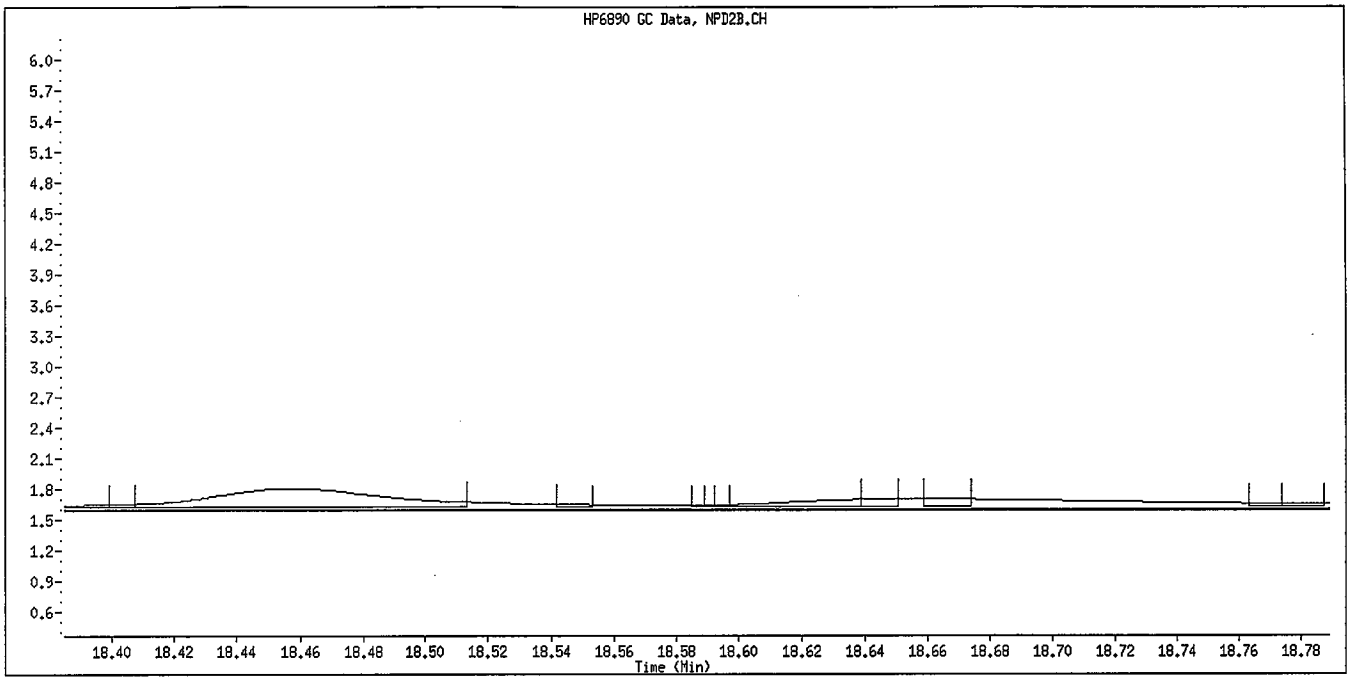
Original Integration



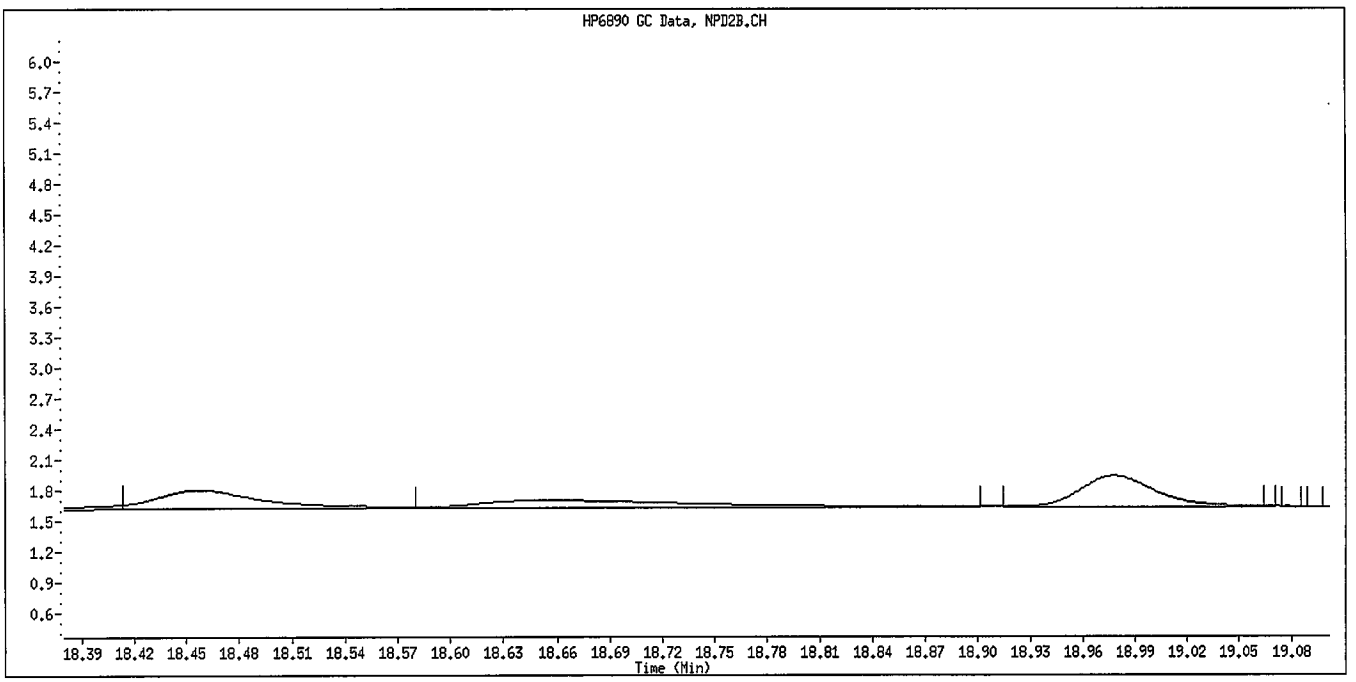
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Dimethoate
CAS #:
Report Date: 08/07/2009



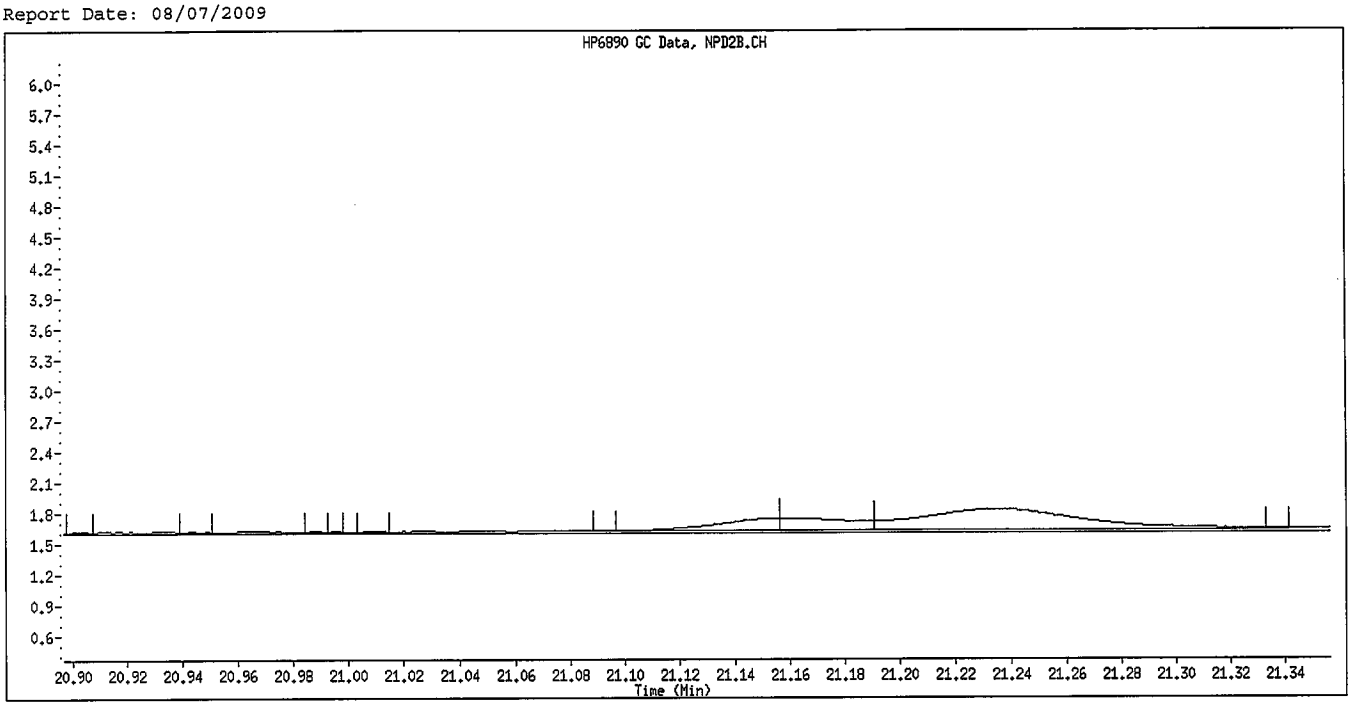
Original Integration



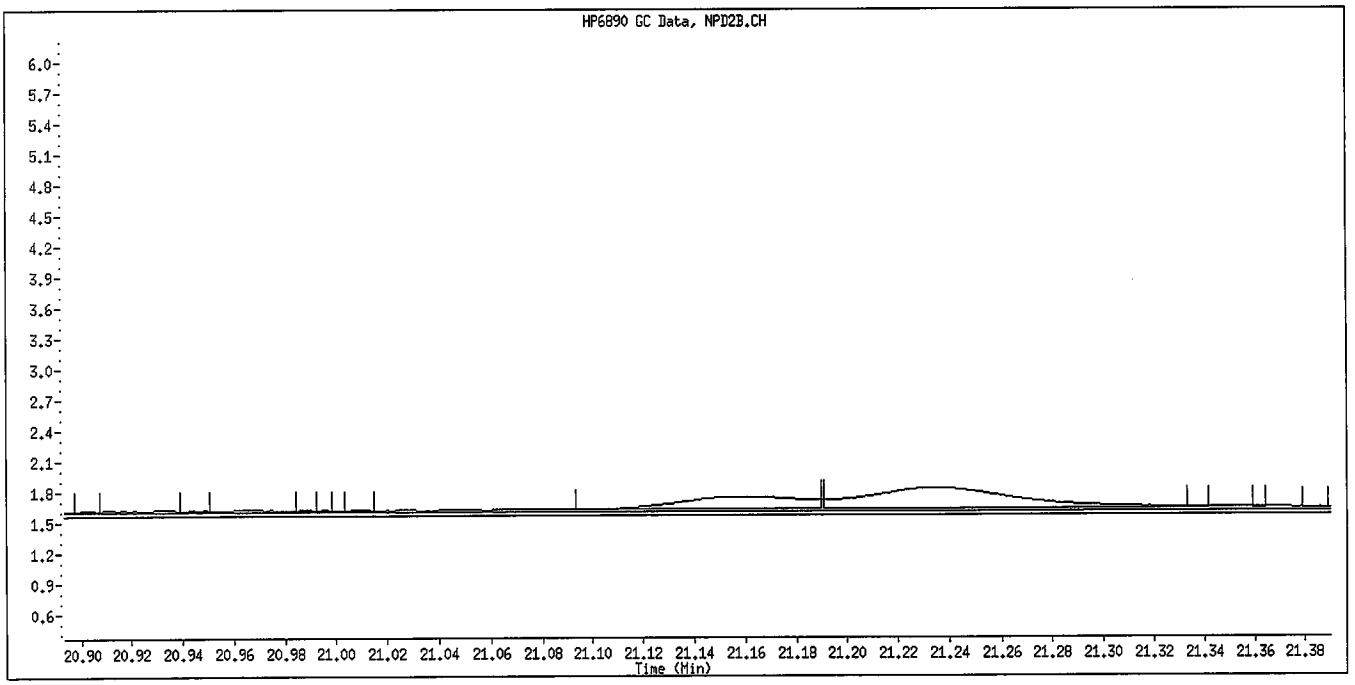
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Methyl Parathion
CAS #: 298-00-0
Report Date: 08/07/2009



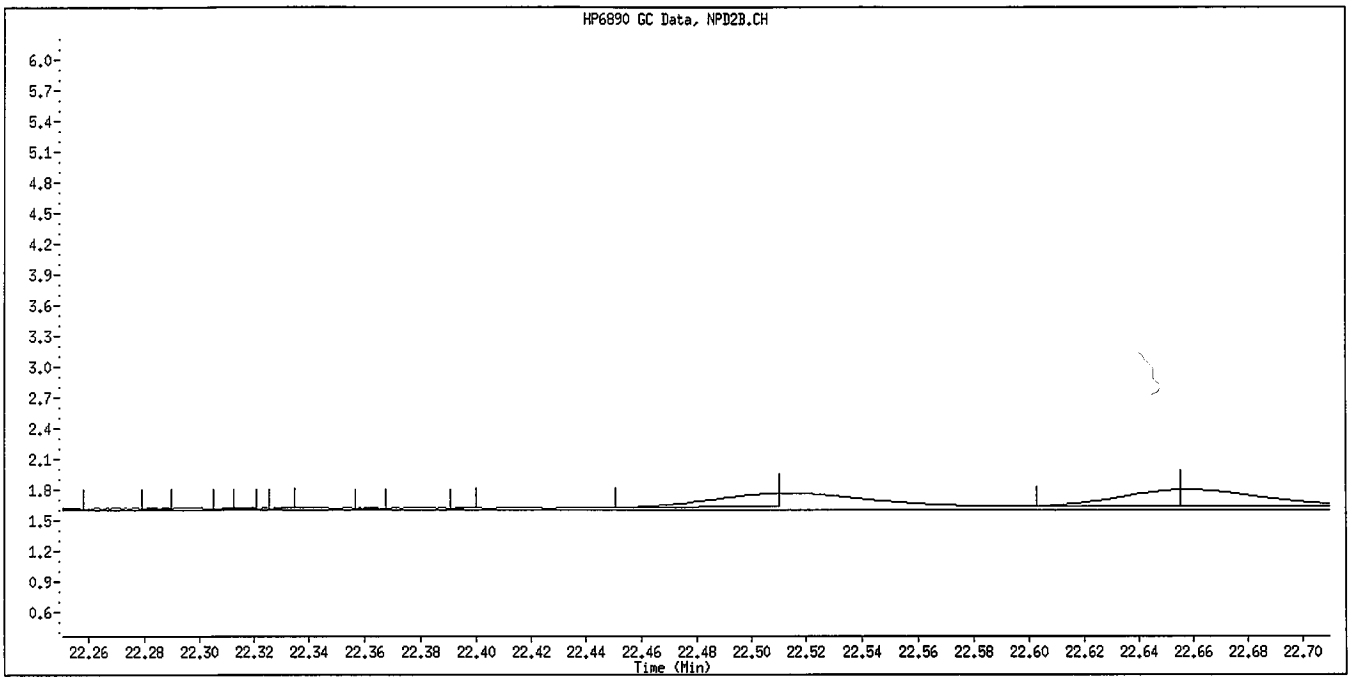
Original Integration



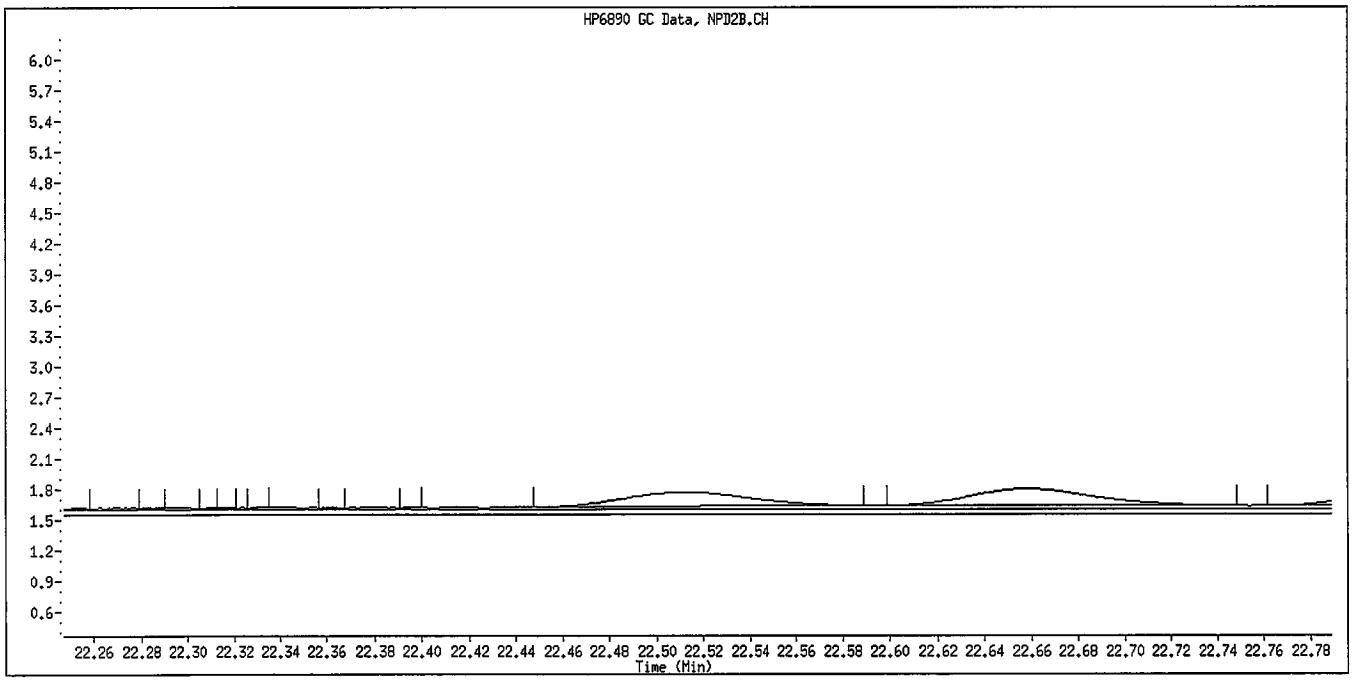
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Malathion
CAS #:
Report Date: 08/07/2009



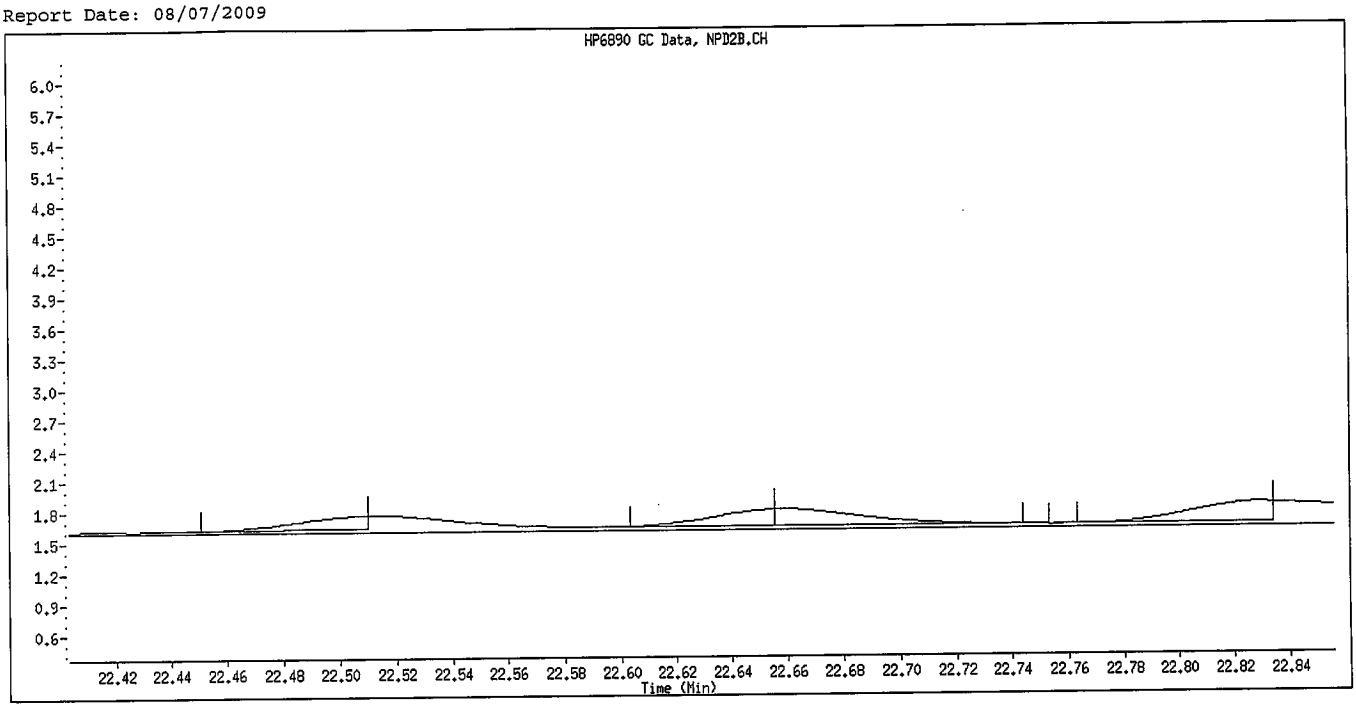
Original Integration



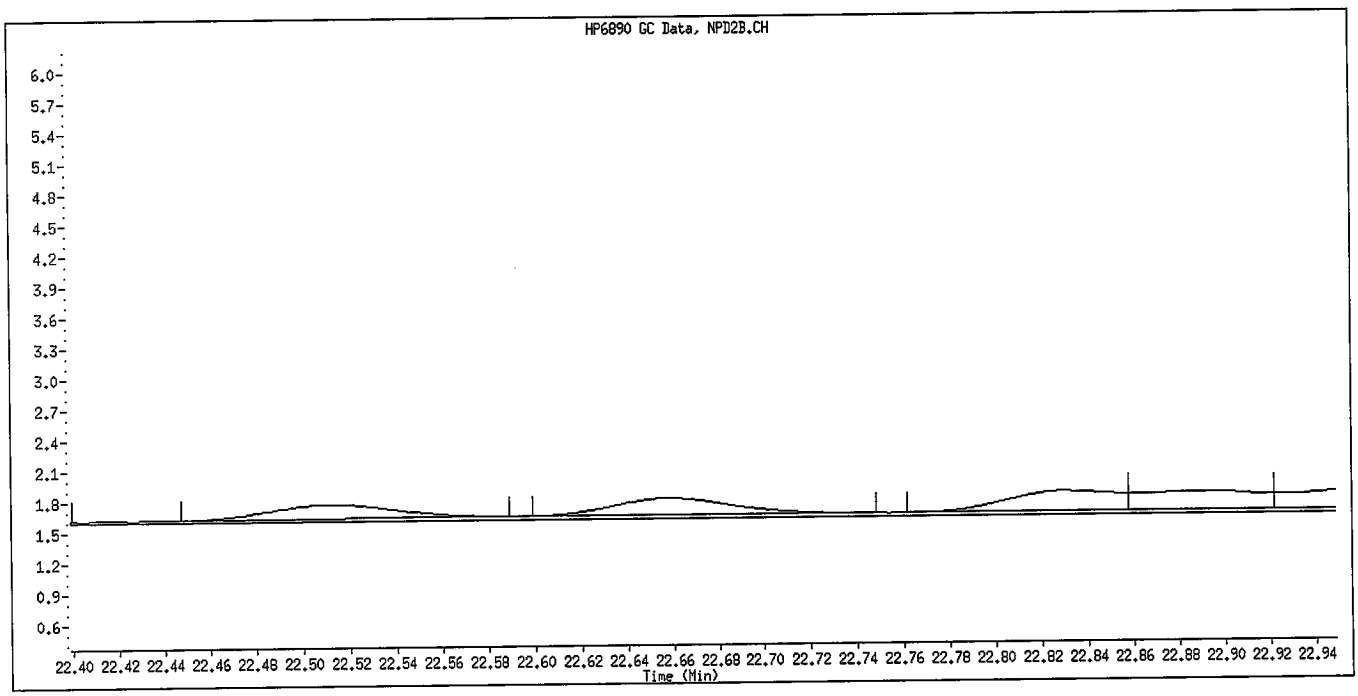
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Chlorpyrifos
CAS #:
Report Date: 08/07/2009



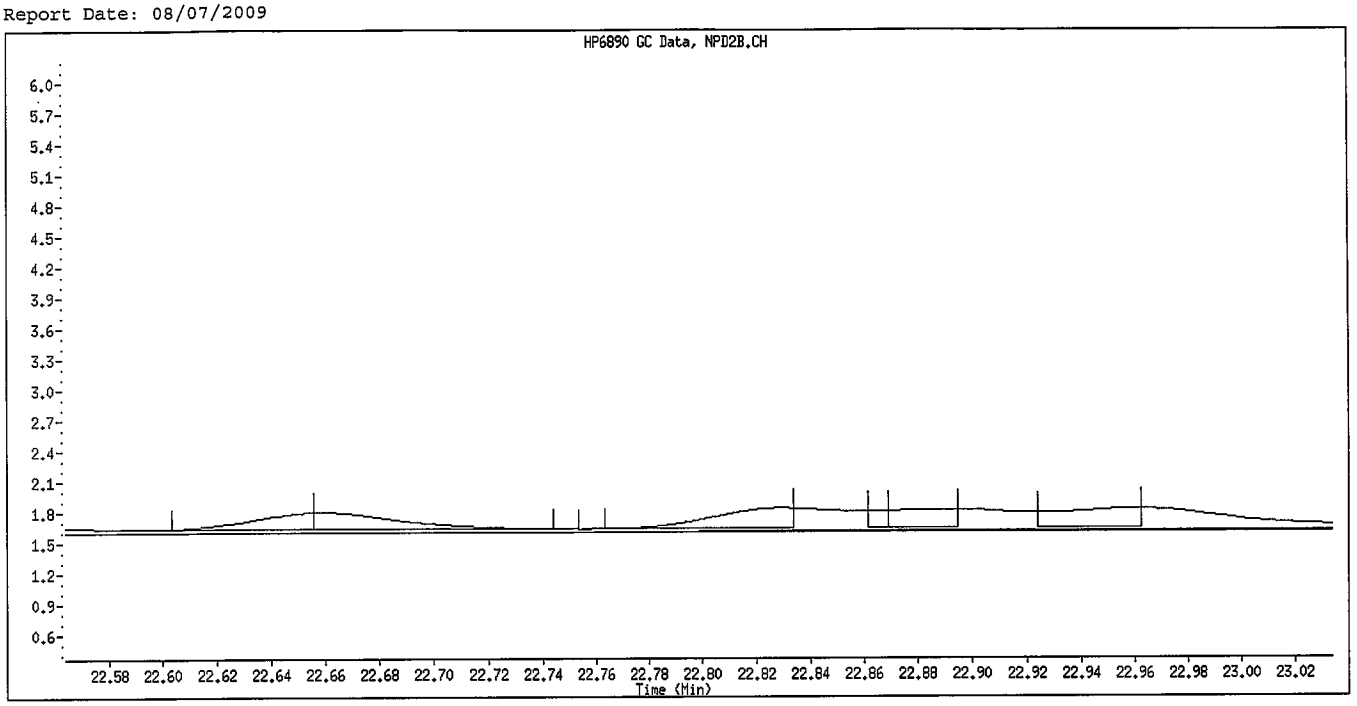
Original Integration



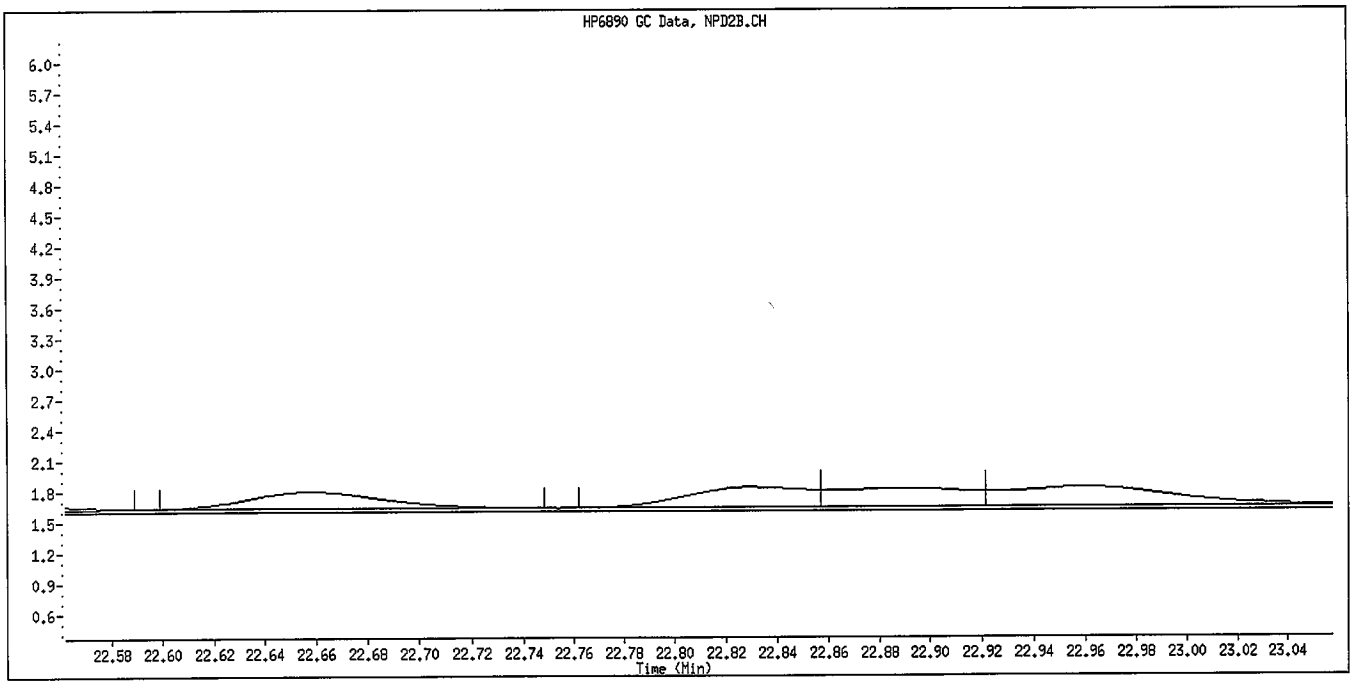
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Trichloronate
CAS #:
Report Date: 08/07/2009



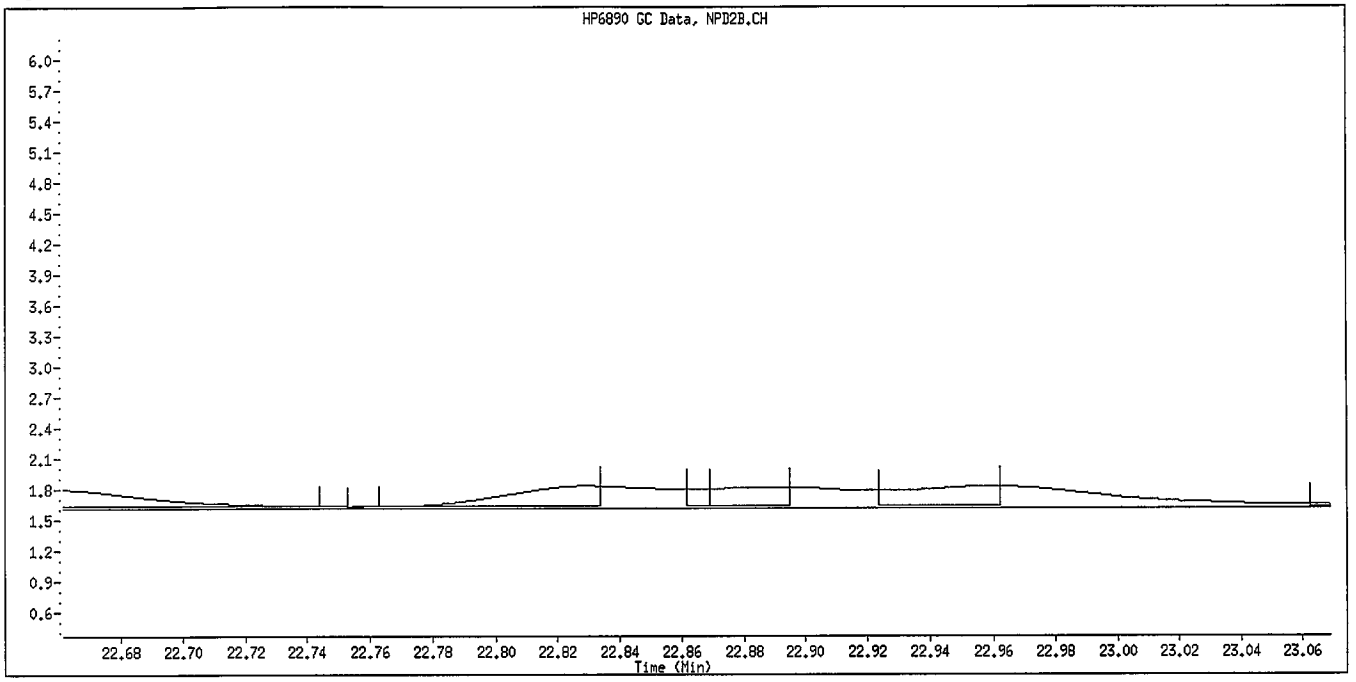
Original Integration



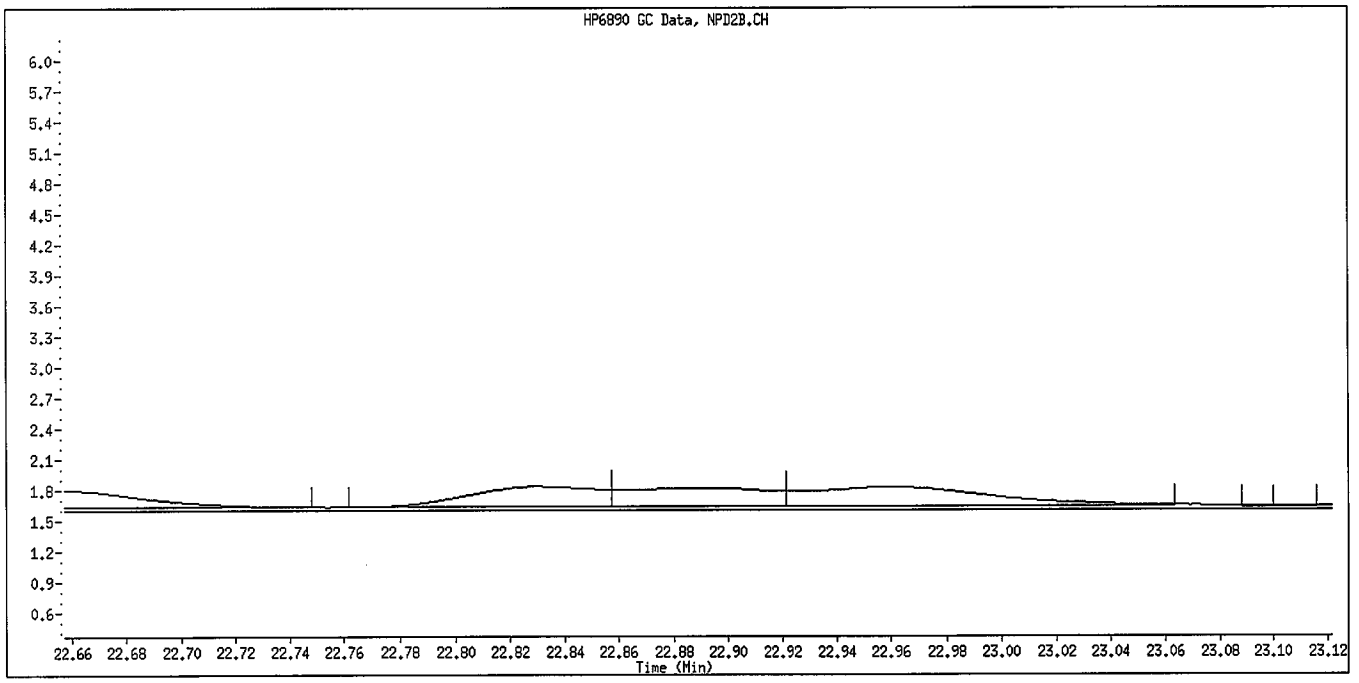
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Parathion
CAS #:
Report Date: 08/07/2009



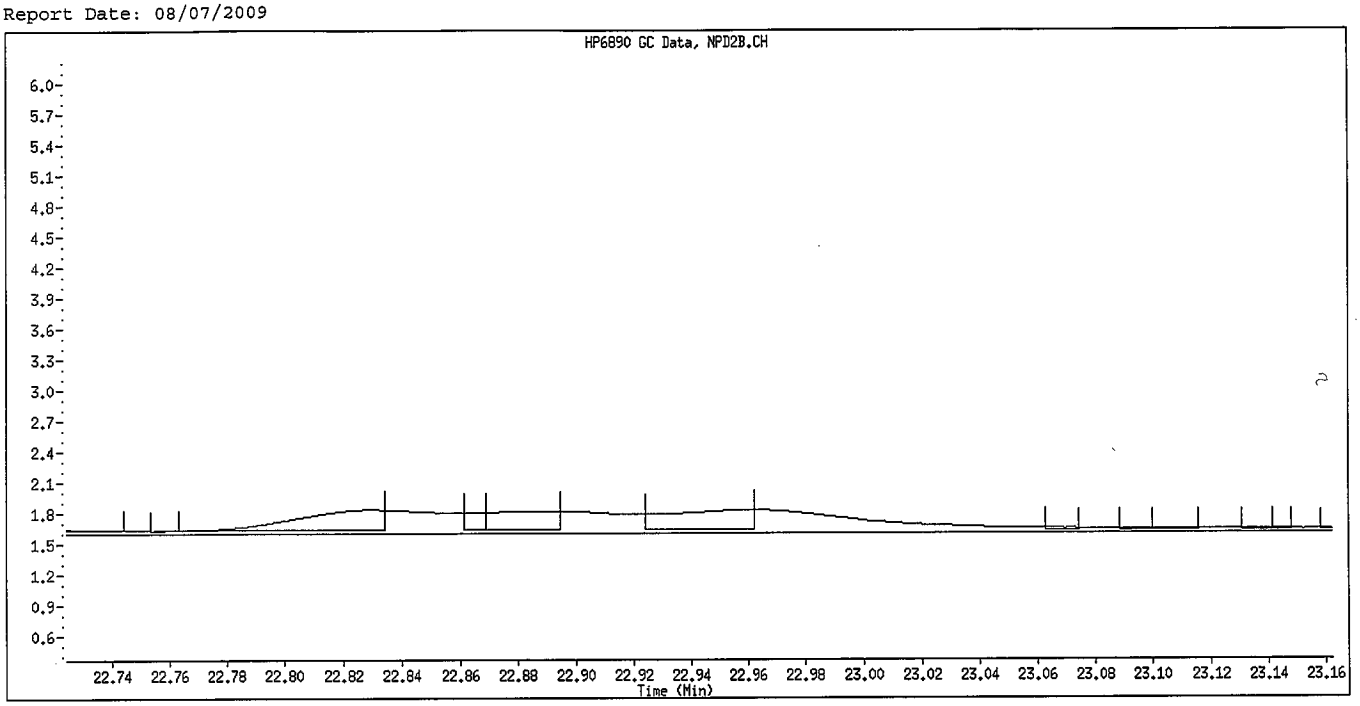
Original Integration



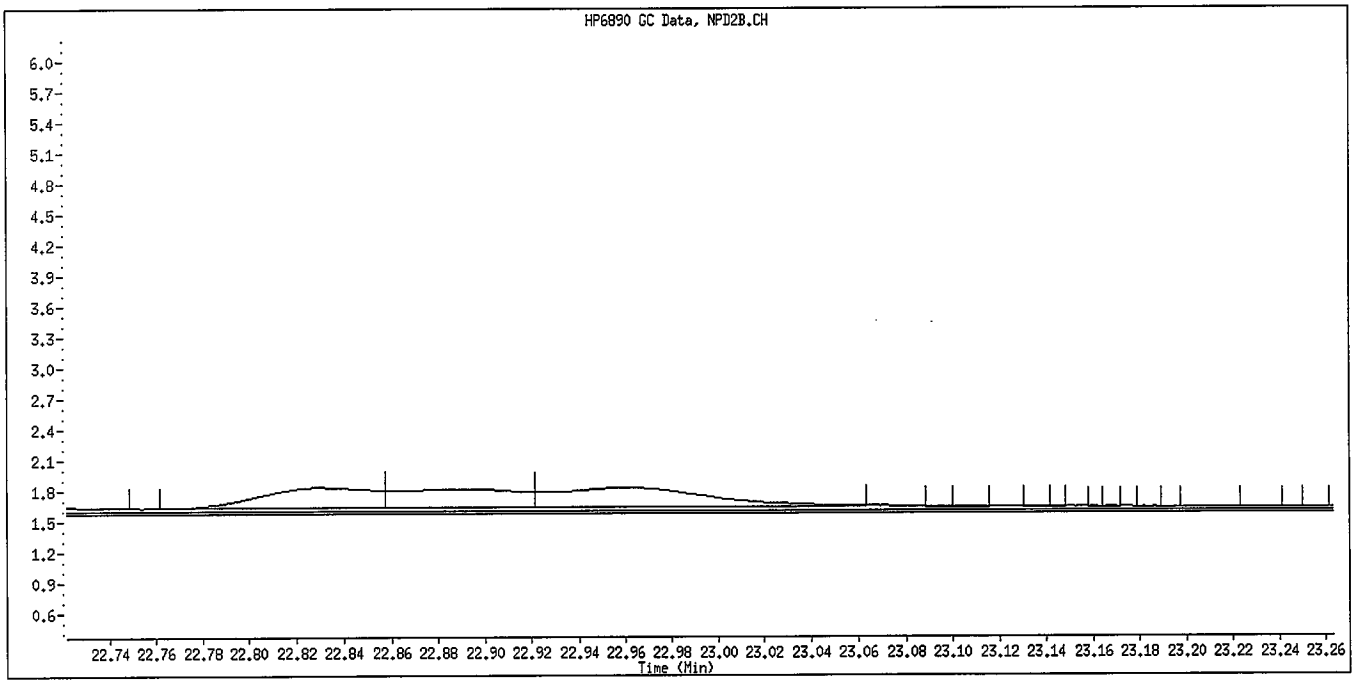
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Fenthion
CAS #:
Report Date: 08/07/2009



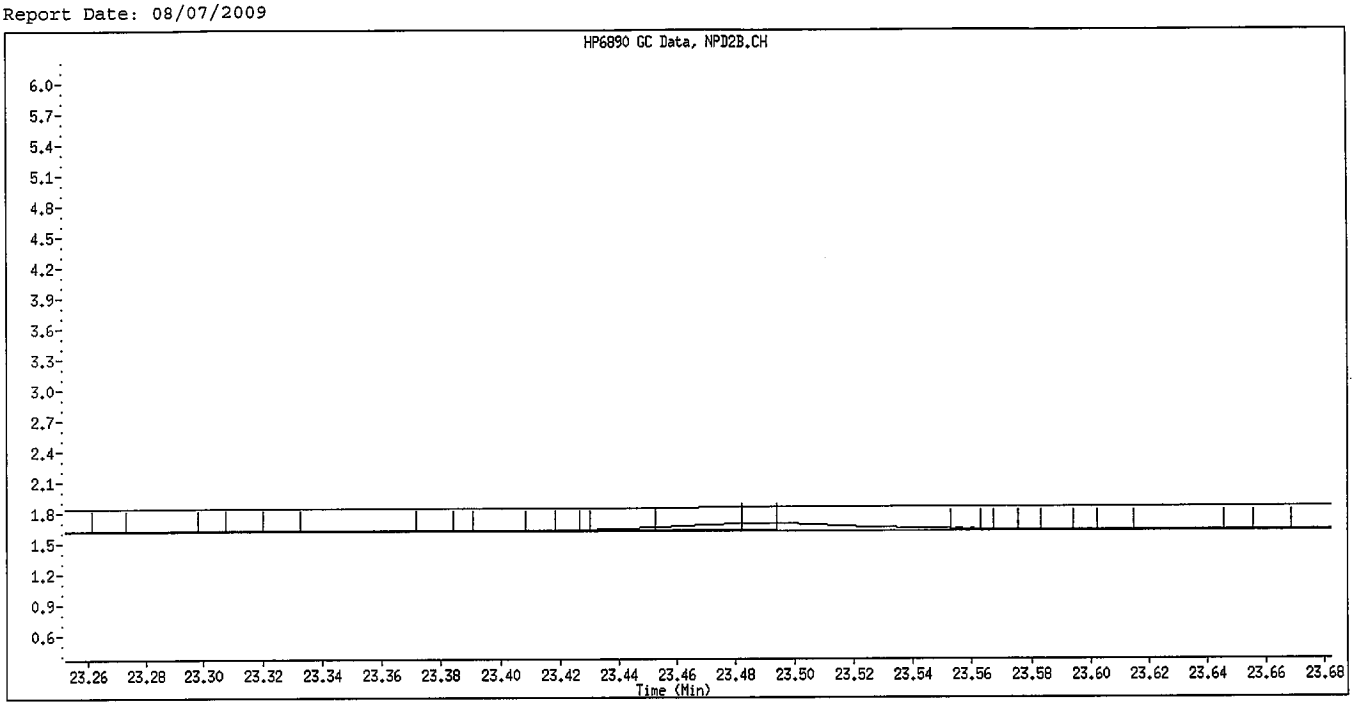
Original Integration



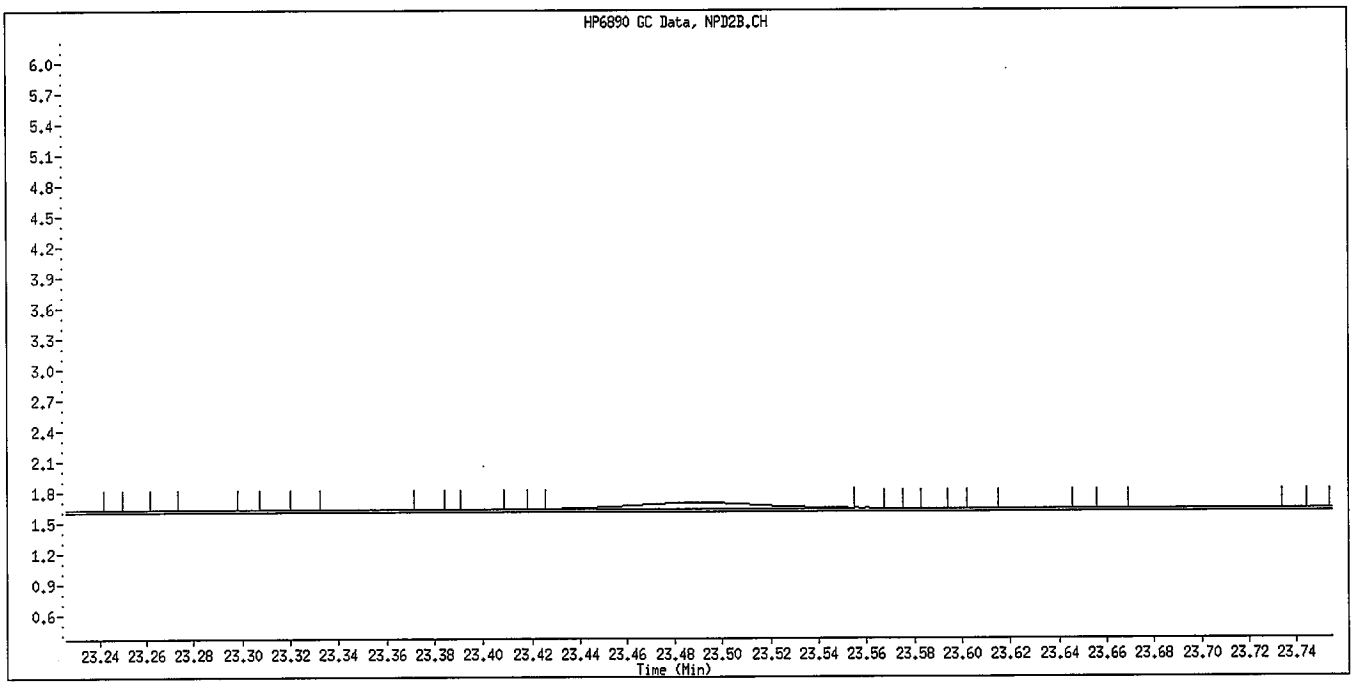
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Merphos-A (Merphos)
CAS #:
Report Date: 08/07/2009



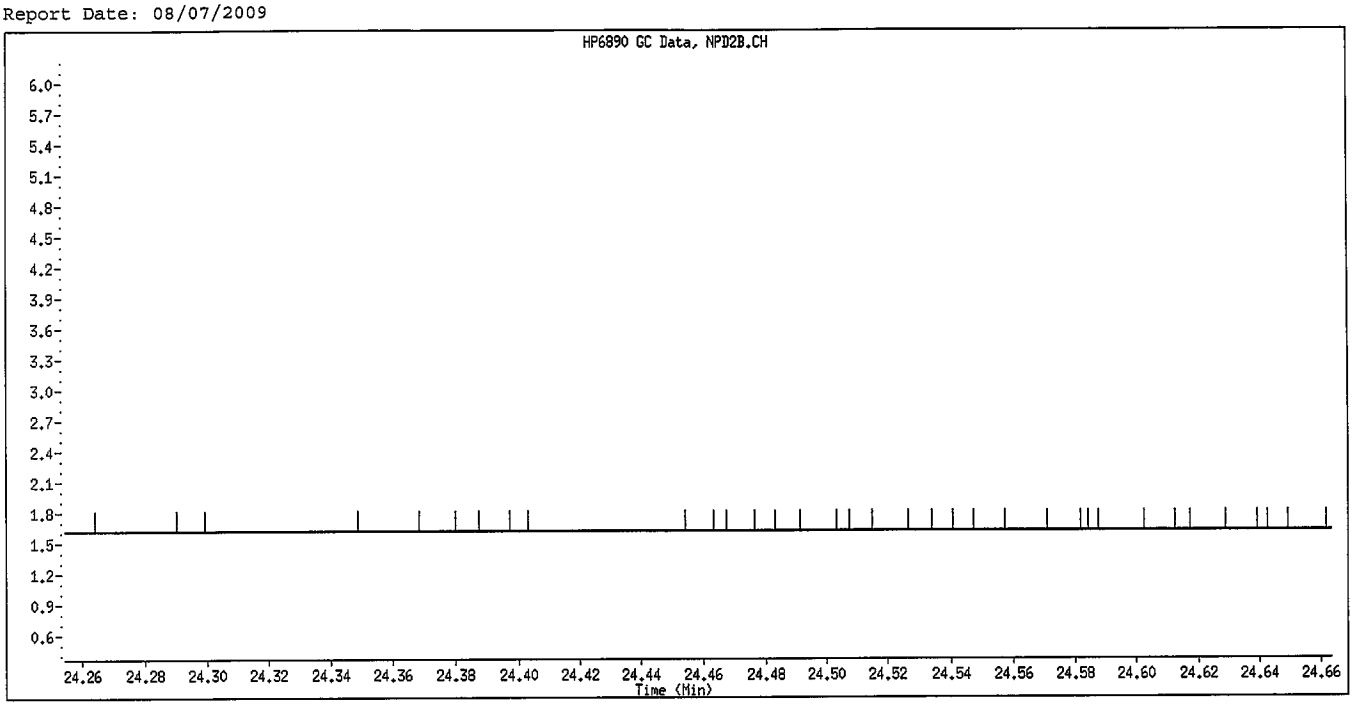
Original Integration



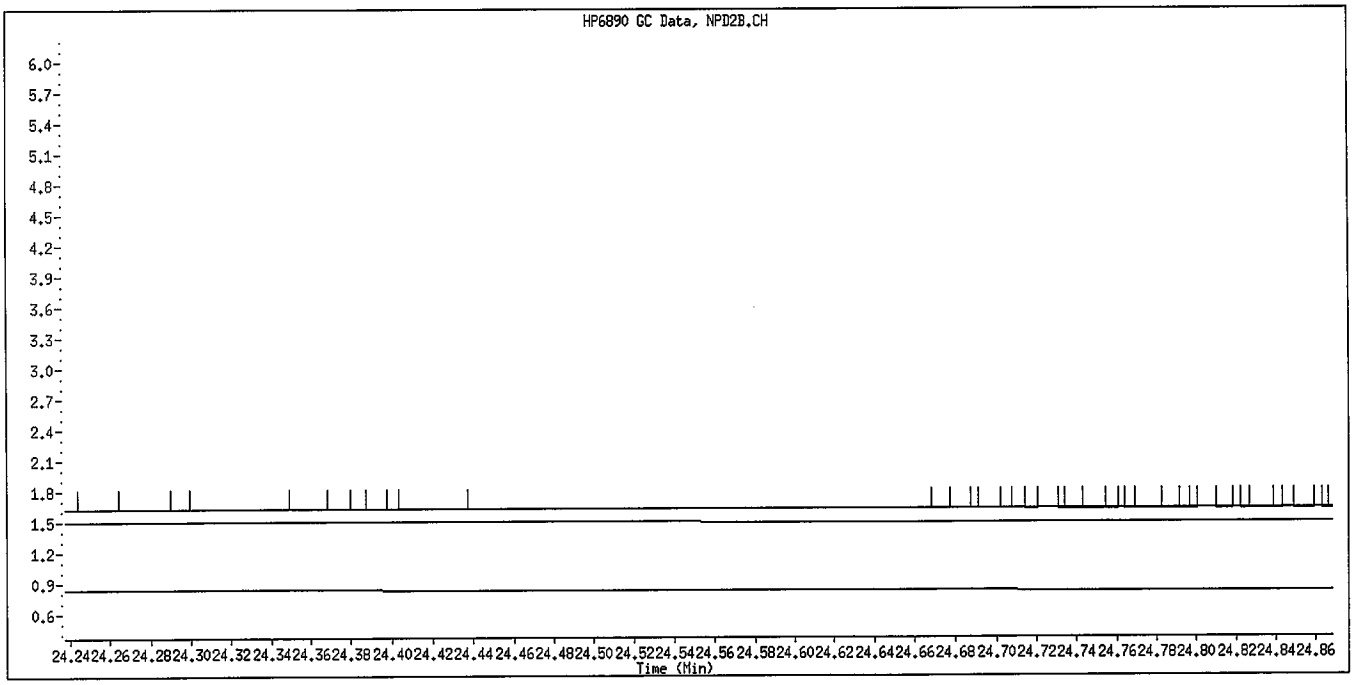
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Unknown

Data File Name: 009F0901.D
Inj. Date and Time: 06-AUG-2009 18:34
Instrument ID: GC_D.i
Client ID: 8141 L1 GSV87509
Compound Name: Anilazine
CAS #:
Report Date: 08/07/2009



Original Integration



Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\010F1001.D
Lab Smp Id: 8141 SS GSV87609 Client Smp ID: 8141 SS GSV87609
Inj Date : 06-AUG-2009 19:10
Operator : MPK/TLW Inst ID: GC_D.i
Smp Info : 8141 SS GSV87609
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Meth Date : 07-Aug-2009 13:44 GC_D.i Quant Type: ISTD
Cal Date : 06-AUG-2009 18:34 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	6.759	6.758	(0.417)	1982981	2.00000	2.142
	2 Dichlorvos	8.952	8.952	(0.553)	820110	2.00000	1.988
$	3 Chlormefos	12.884	12.885	(0.796)	1049387	2.00000	1.693
	4 Mevinphos	13.007	13.006	(0.803)	396793	2.00000	1.578
	5 Demeton-O	15.938	15.939	(0.984)	783301	0.65000	2.068
	6 Thionazin	16.068	16.067	(0.992)	1242073	2.00000	2.214
*	7 Tributylphosphate	16.194	16.193	(1.000)	989795	2.00000	
	8 Ethoprop	16.334	16.332	(1.009)	991713	2.00000	1.968
	9 Naled	16.922	16.921	(1.045)	293536	2.00000	1.681
	10 Sulfotepp	17.234	17.234	(1.064)	1523384	2.00000	1.842(M)
	11 Phorate	17.259	17.268	(1.066)	669687	2.00000	1.601(M)
	12 Demeton-S	17.967	17.962	(1.109)	35517	1.36000	0.09345
	13 Simazine	18.368	18.368	(1.134)	310718	2.00000	2.770
	14 Atrazine / Propazine	18.433	18.434	(1.138)	961286	4.00000	4.232
	15 Dimethoate	18.572	18.569	(1.147)	1043639	2.00000	2.161
	16 Diazinon	18.968	18.967	(1.171)	894541	2.00000	1.823
	17 Disulfoton	19.229	19.231	(1.187)	968530	2.00000	1.954
	18 Methyl Parathion	21.132	21.132	(0.736)	687687	2.00000	1.965
	19 Ronnel	21.221	21.222	(0.739)	819203	2.00000	1.936
	20 Malathion	22.493	22.492	(0.784)	630611	2.00000	1.857
	21 Chlorpyrifos	22.644	22.644	(0.789)	779213	2.00000	1.974
	22 Trichloronate	22.818	22.819	(0.795)	842452	2.00000	1.730
	23 Parathion	22.866	22.866	(0.797)	901002	2.00000	2.044
	24 Fenthion	22.941	22.942	(0.799)	829378	2.00000	1.911
	25 Merphos-A (Merphos)	23.474	23.472	(0.818)	49502	2.00000	0.2815
	26 Anilazine	24.453	24.451	(0.852)	23396	2.00000	0.8232(M)
	27 Tetrachlorvinphos (stirophos)	25.868	25.869	(0.901)	517991	2.00000	1.864
	28 Tokuthion	26.043	26.043	(0.907)	908701	2.00000	1.961
	29 Merphos-B (Merphos oxone)	26.175	26.176	(0.912)	772553	2.00000	11.92(A)
	30 Carbophenothion methyl	26.998	26.999	(0.941)	436501	2.00000	1.348
	31 Fensulfothion	27.238	27.237	(0.949)	544086	2.00000	1.947
	32 Bolstar	27.346	27.347	(0.953)	881894	2.00000	1.988
	33 Carbophenothion	27.458	27.460	(0.957)	782536	2.00000	2.111

	Compounds	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	34 Famphur	27.643	27.644	(0.963)	772985	2.00000	2.282
$	35 Triphenyl phosphate	27.933	27.932	(0.973)	567174	2.00000	1.789
	36 EPN	28.238	28.240	(0.984)	797078	2.00000	2.192
	37 Phosmet	28.366	28.366	(0.988)	677199	2.00000	2.275
*	38 TOCP	28.704	28.705	(1.000)	732545	2.00000	
	39 Azinphos-methyl	28.815	28.816	(1.004)	449646	2.00000	1.818
	40 Azinphos-ethyl	29.128	29.127	(1.015)	575359	2.00000	2.165
	41 Coumaphos	29.454	29.453	(1.026)	451547	2.00000	1.896
M	42 Total Demeton				818818	2.00000	2.162
M	43 Merphos				822055	2.00000	1.909

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

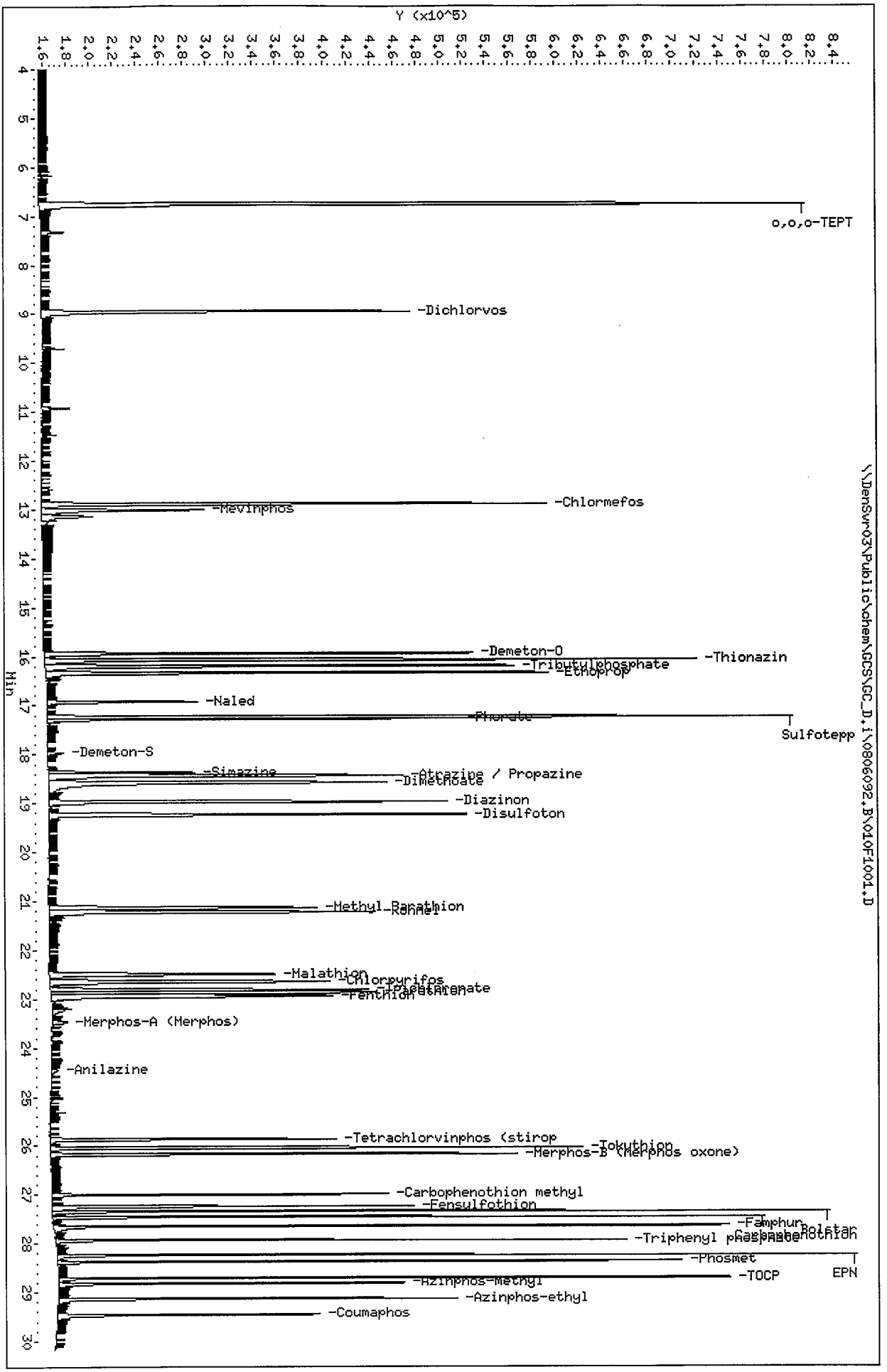
Instrument ID: GC_D.i
Lab File ID: 010F1001.D
Lab Smp Id: 8141 SS GSV87609
Analysis Type: SV
Quant Type: ISTD
Operator: MPK/TLW
Method File: \\DenSvr03\Public\chem\GCS\GC_D.i\0806092.B\8141A-2.m
Misc Info:

Calibration Date: 06-AUG-2009
Calibration Time: 16:45
Client Smp ID: 8141 SS GSV8760
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	1016126	508063	2032252	989795	-2.59
38 TOCP	752526	376263	1505052	732545	-2.66

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
7 Tributylphosphate	16.20	15.70	16.70	16.19	-0.00
38 TOCP	28.71	28.21	29.21	28.70	-0.00

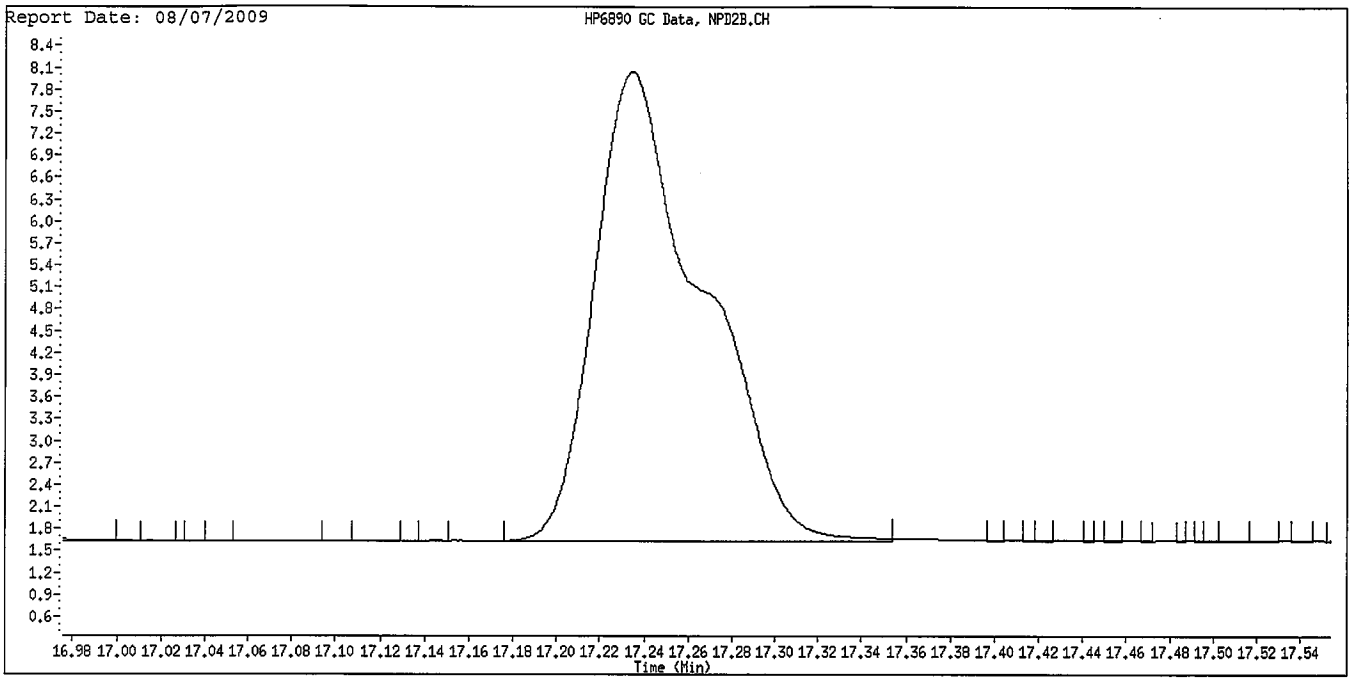
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.



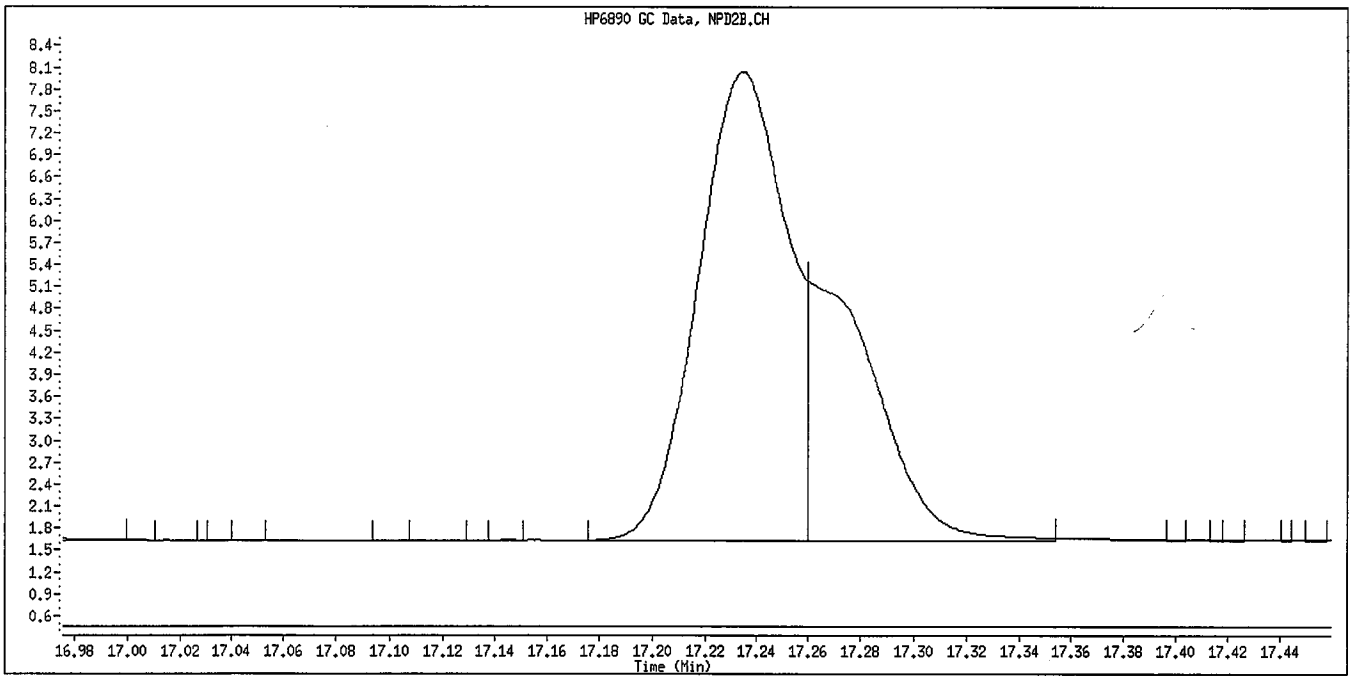
Data File: \\DenSvr03\Public\chem\GCS\GC_D,i\0806092,B\010F1001,D
Date : 06-AUG-2009 19:10
Client ID: 8141 SS GSV87609
Sample Info: 8141 SS GSV87609
Column phase: RTx-OPPest

Instrument: GC_D,i
Operator: MPK/TLN
Column diameter: 0.32

Data File Name: 010F1001.D
Inj. Date and Time: 06-AUG-2009 19:10
Instrument ID: GC_D.i
Client ID: 8141 SS GSV87609
Compound Name: Sulfotepp
CAS #:



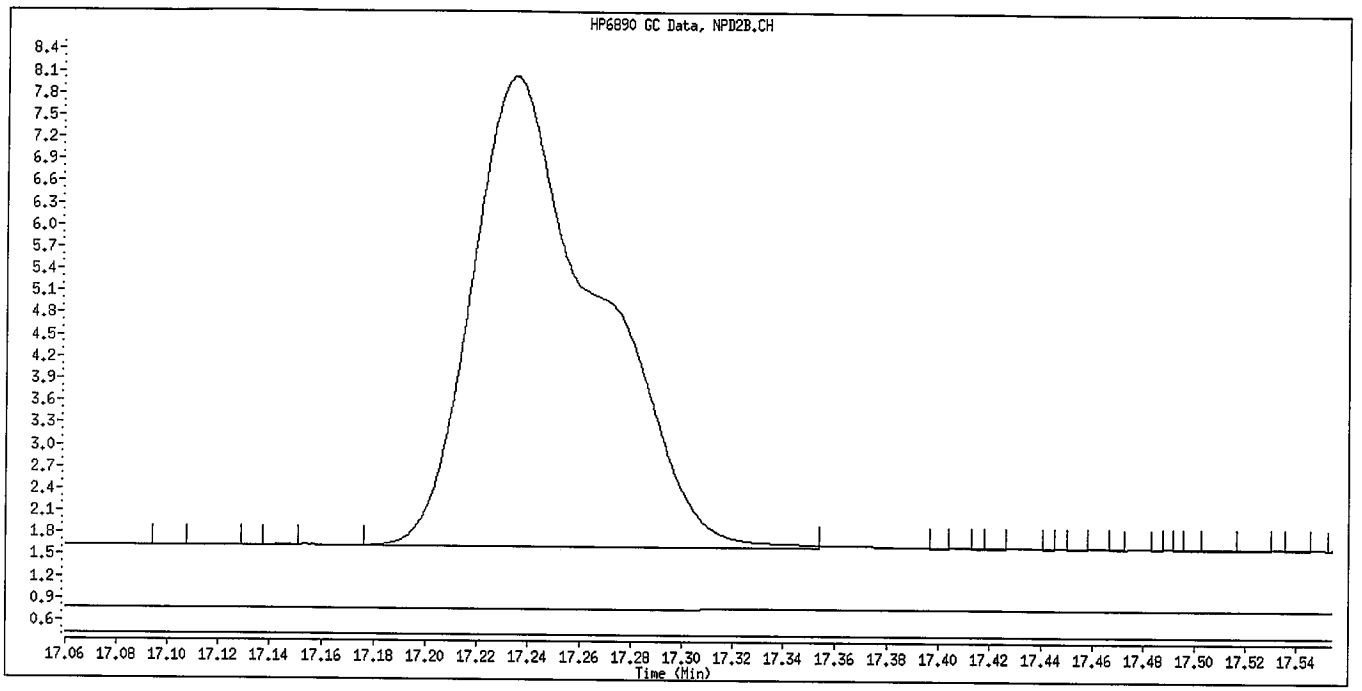
Original Integration



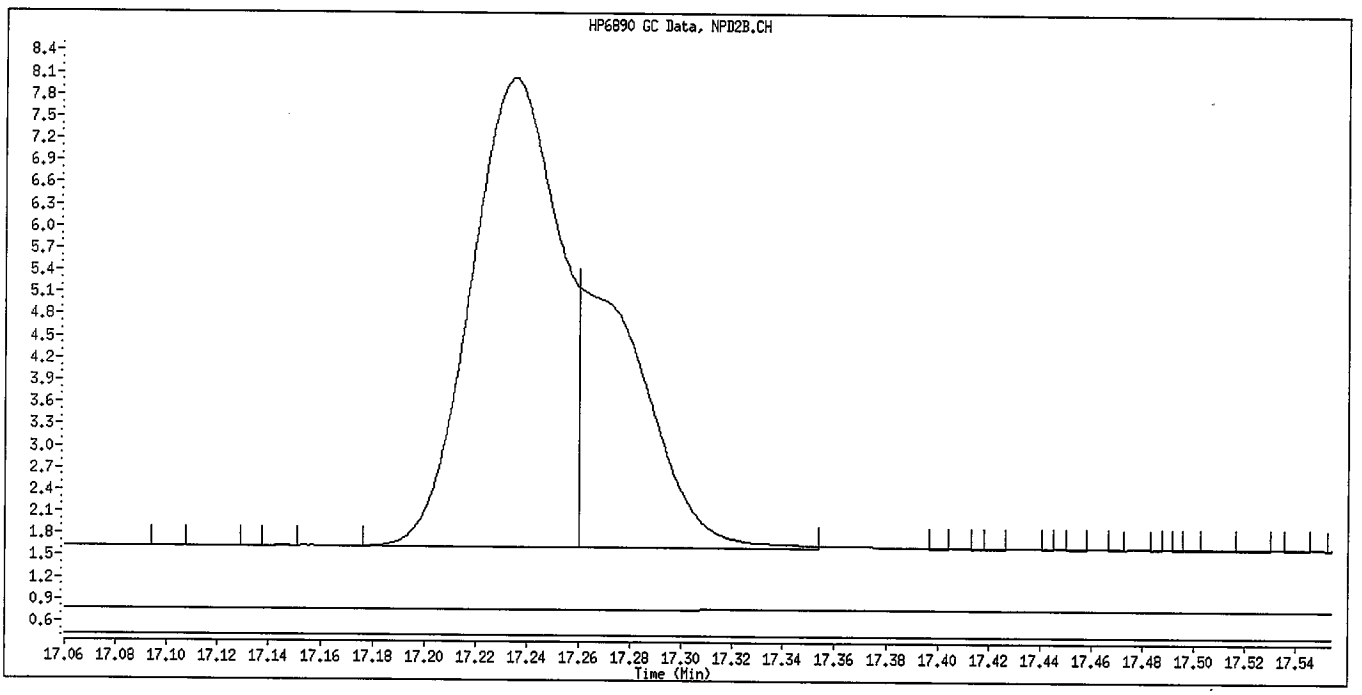
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 010F1001.D
Inj. Date and Time: 06-AUG-2009 19:10
Instrument ID: GC_D.i
Client ID: 8141 SS GSV87609
Compound Name: Phorate
CAS #:
Report Date: 08/07/2009



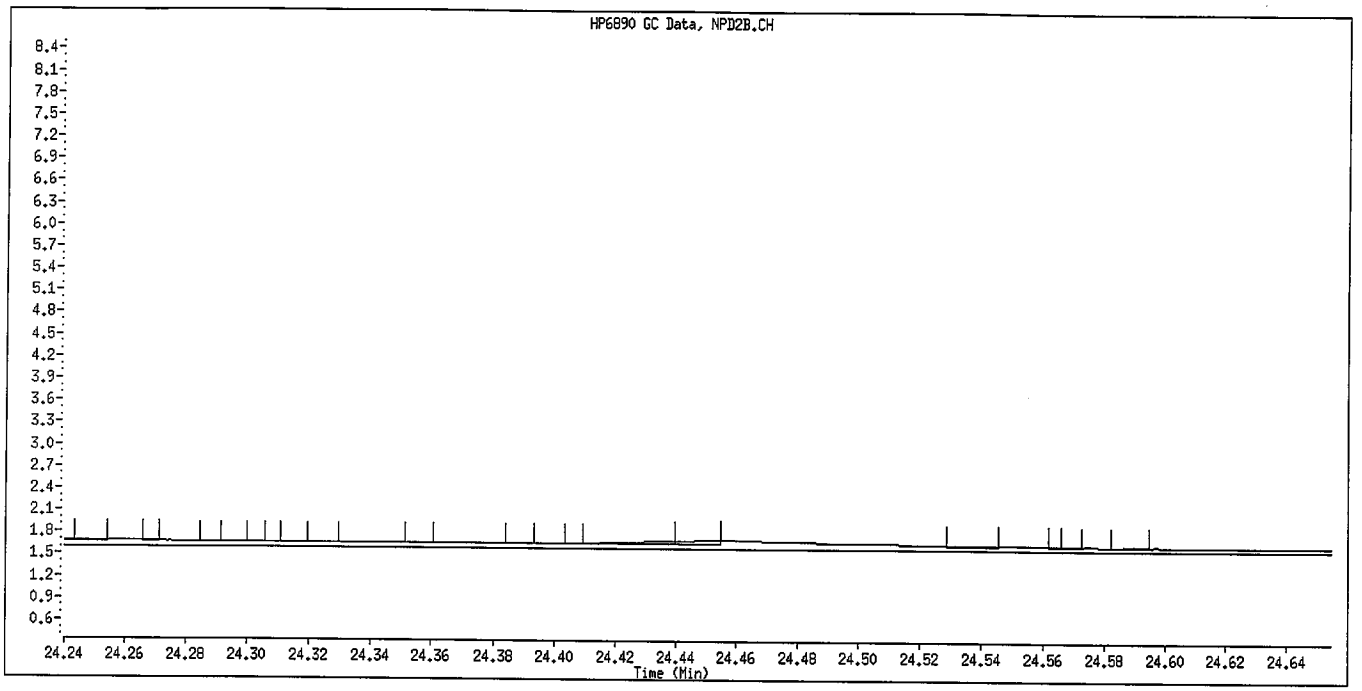
Original Integration



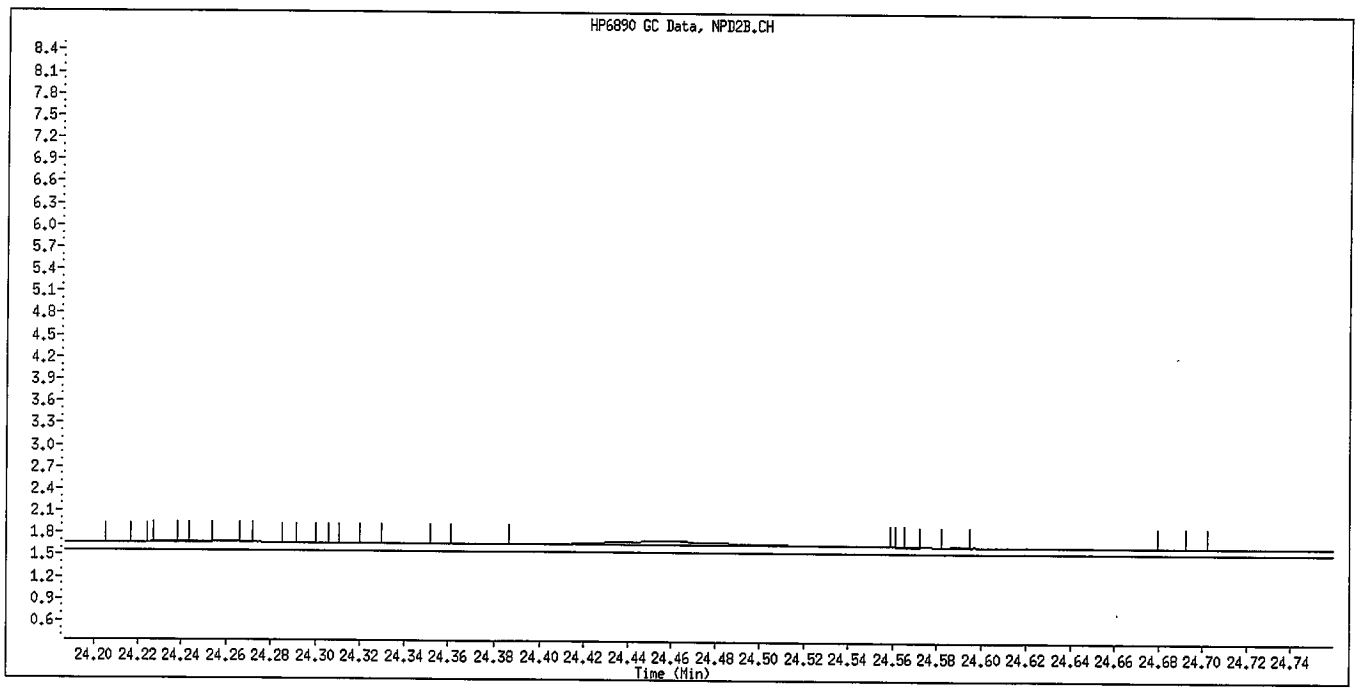
Manual Integration

Manually Integrated By: williamst
Manual Integration Reason: Baseline Event

Data File Name: 010F1001.D
Inj. Date and Time: 06-AUG-2009 19:10
Instrument ID: GC_D.i
Client ID: 8141 SS GSV87609
Compound Name: Anilazine
CAS #:
Report Date: 08/07/2009



Original Integration



Manual Integration

General Chemistry

Supporting Documentation

Sample Sequence, Instrument Printouts, Calculations

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Method: Moisture - 3550C

Batch #(s): 921213-8367-8152-2115

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

Signature/Date: _____

TestAmerica Denver

1/2

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Wet Chemistry Data Review Checklist For Gravimetric Methods

Test Name/Method #: 3550C Moisture Analysis Date: 8/6/2009

SOP #: WC-0023 Analyst: Clinkscales Instrument: Balance

Lot / Sample Numbers	Matrix	Batch	Method	QC	Special Inst
D9G220290-24 → 32	Soil	9212113	IJ	01	Fed Gtr
D9G310162-001 → 004	↓	↓	↓	↓	✓
D9GH030196-001 → 007	↓	↓	↓	↓	✓
D9G300228-001 → 012, 25 → 28	Soil	9218367	NJ	01	USGS DOD
D9G300280-001	Soil	9218152	NJ	01	ADCEE
D9G300335-001 → 4, 6, 8	↓	↓	↓	↓	↓
D9G310290-005 → 008	↓	↓	↓	↓	↓
D9G240333-001 → 008, 12 → 15	Soil	9212115	IJ	01	

A. Balance, Oven, and DI Water QC Checks	Yes	No	N/A	2nd Level
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?	X			
2. Was the oven temperature within method requirements and recorded in the "Oven Temperature" logbook for the date(s) the samples were processed?	X			
3. Was the daily conductivity check of the deionized water recorded in the "Conductivity Logbook"?			X	
B. Method Requirements				
1. If sample is visibly oily, was this noted on the benchsheet?			X	
2. Was final residue weight within minimum/maximum requirements?	X			✓
3. Were the initial and final drying dates and times recorded on the benchsheet and were all samples dried for at least one hour?	X			✓
C. Sample Results				
1. TDS/Conductivity ratio or historical data checked?			X	
2. Were sample analyses done within holding time?			X	
3. Were special client requirements met?	X			✓
4. Were data that were manually transcribed from instrument printouts into QuanTIMS verified 100% including significant figures and units?	X			✓
5. Do the prep and analysis dates in QuanTIMS reflect the actual dates? Lots/Dates report checked?	X			✓
6. STD/True Value sheet is updated and included?			X	
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?			X	
2. Method blank < ½ RL or NCM provided?			X	
3. LCS/LCSD run for batch and within QC limits?			X	
4. DUP run for batch and RPD < 20% for samples >5 X RL?	X			✓

Analyst: [signature] Date: 8/7/09

Comments:

2nd Level Reviewer: [signature] Date: 8/7/09

Comments:

TESTAMERICA Denver

2/2

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Test Name/ Method #: Moisture

SOP # WC-0023

Instrument: Balance Analyst: CLINKscales

Analysis Date: 8/6/09

Lot / Sample Numbers	Matrix	Batch	Method	QC	Special Inst
D9G300332-001,002	Soil	9212115	IJ	01	
D9G310187-001,002	↓	↓	↓	↓	
D9G310295-001,002	↓	↓	↓	↓	

Revision 0
7/14/09
QA\Edit\Forms\Wet Chemistry\Generic Lot-Sample list

STL Denver

GRAVIMETRIC CALCULATION BENCHSHEET

ANALYST: RSC
REVIEWED BY: RSC
BATCH NO.: 9212113, 9212115, 9218152
Prep Code: 88
Method Code: IJ, IJ, NJ

ANALYSIS DATE: 08/06/09
REVIEW DATE: 87/709

METHOD NO.: MOIS
BALANCE NO.: BAL
FILE: 11408

Date/Time In: 8/6/2009 11:53
Date/Time Out: 8/7/2009 6:30
Temp In, C: 99
Temp Out, C: 101

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	RSC Upload?	Upload by %D
1	LG09M	D9G220290 -24	11:53		1	1.3000	18.99		16.0800	16.4			Y	
2	LG09M-X	D9G220290 -24	11:53	0	2	1.3100	16.46		14.1800	15			Y	8.9%
3	LG09N	D9G220290 -25	11:53		3	1.3200	17.17		14.6600	15.8			Y	
4	LG09P	D9G220290 -26	11:53		4	1.3300	17.16		13.7300	21.7			Y	
5	LG09Q	D9G220290 -27	11:53		5	1.3100	17.98		15.5500	14.6			Y	
6	LG09R	D9G220290 -28	11:53		6	1.3200	16.84		14.1100	17.6			Y	
7	LG09T	D9G220290 -29	11:53		7	1.3100	17.66		14.9800	16.4			Y	
8	LG09V	D9G220290 -30	11:53		8	1.3000	16.09		13.6500	16.5			Y	
9	LG09W	D9G220290 -31	11:53		9	1.3000	16.6		14.0700	16.5			Y	
10	LG09X	D9G220290 -32	11:53		10	1.3200	18.62		15.5800	17.6			Y	
11	LHCRC	D9G310162 -1	11:53		11	1.3200	14.28		13.7300	4.24			Y	
12	LHCRH	D9G310162 -2	11:53		12	1.3200	14.32		13.9400	2.92			Y	
13	LHCRJ	D9G310162 -3	11:53		13	1.3000	14.76		14.5600	1.49			Y	
14	LHCRK	D9G310162 -4	11:53		14	1.3300	14.72		14.5600	1.19			Y	
15	LHF3D	D9H030196 -1	11:53		15	1.3100	15.28		12.3100	21.3			Y	
16	LHF3F	D9H030196 -2	11:53		16	1.3100	13.31		8.1300	43.2			Y	
17	LHF3G	D9H030196 -3	11:53		17	1.3300	15.83		12.1000	25.7			Y	
18	LHF3H	D9H030196 -4	11:53		18	1.3200	16.37		14.3400	13.5			Y	
19	LHF3J	D9H030196 -5	11:53		19	1.3100	19.25		16.5800	14.9			Y	
20	LHF3L	D9H030196 -6	11:53		20	1.2900	16.03		14.5500	10			Y	
21	LHF3M	D9H030196 -7	11:53		21	1.2900	15.37		14.8300	3.84			Y	
22	LG3FL	D9G240333 -1	11:53		22	1.3100	16.12		12.9700	21.3			Y	
23	LG3FL-X	D9G240333 -1	11:53	0	23	1.3200	15.21		12.3700	20.4			Y	3.9%
24	LG3FP	D9G240333 -2	11:53		24	1.3100	16.63		13.8800	18			Y	
25	LG3FR	D9G240333 -3	11:53		25	1.3000	15.05		12.5700	18			Y	
26	LG3FV	D9G240333 -4	11:53		26	1.3200	16.12		13.9400	14.7			Y	
27	LG3FX	D9G240333 -5	11:53		27	1.3100	14.37		12.3800	15.2			Y	
28	LG3F1	D9G240333 -6	11:53		28	1.3300	15		12.7000	16.8			Y	
29	LG3F3	D9G240333 -7	11:53		29	1.3100	17.74		14.6300	18.9			Y	
30	LG3F4	D9G240333 -8	11:53		30	1.3000	17.02		14.1600	18.2			Y	
31	LG6XM	D9G240333 -12	11:53		31	1.3200	17.38		14.6800	16.8			Y	
32	LG6XV	D9G240333 -13	11:53		32	1.3000	16.81		14.2700	16.4			Y	
33	LG6XW	D9G240333 -14	11:53		33	1.3100	15.11		13.2100	13.8			Y	
34	LG6X0	D9G240333 -15	11:53		34	1.2900	15.37		13.8600	10.7			Y	
35	LHA07	D9G300332 -1	11:53		35	1.2900	16.62		15.5700	6.85			Y	
36	LHA08	D9G300332 -2	11:53		36	1.3000	15.98		12.7500	22			Y	
37	LHC04	D9G310187 -1	11:53		37	1.3300	17.19		15.9600	7.76			Y	
38	LHC1K	D9G310187 -2	11:53		38	1.3300	15.47		12.7500	19.2			Y	
39	LHDXM	D9G310295 -1	11:53		39	1.3200	16.03		13.3700	18.1			Y	
40	LHD1H	D9G310295 -2	11:53		40	1.3200	14.84		12.8600	14.6			Y	
41	LHANL	D9G300280 -1	11:53		41	1.3200	28.16		6.6500	80.1			Y	
42	LHA1T	D9G300335 -1	11:53		42	1.3000	15.41		15.2000	1.49			Y	
43	LHA1T-X	D9G300335 -1	11:53	0	43	1.3000	15.26		15.0500	1.5			Y	1.1%
44	LHA14	D9G300335 -2	11:53		44	1.3200	16.51		15.9500	3.69			Y	
45	LHA19	D9G300335 -3	11:53		45	1.3100	15.36		15.3400	0.14		< RL	Y	
46	LHA2A	D9G300335 -4	11:53		46	1.3200	15.27		12.5200	19.7			Y	

STL Denver

GRAVIMETRIC CALCULATION BENCHSHEET

ANALYST RSC
REVIEWED BY RSC
BATCH NO. 9218367
Prep Code 88
Method Code NJ

ANALYSIS DATE 08/06/09
REVIEW DATE

METHOD NO. MOIS
BALANCE NO. BAL
FILE 11408

Date/Time In 8/6/2009 15:30:00
Date/Time Out 8/7/2009 6:30
Temp In, C 101
Temp Out, C 100

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 Wt g	Percent Moisture %	%Rec.	Check	RSC Upload?	Upload by %D
1	LG939	D9G300228 -1	8/6/200		1	1.2900	20.01		19.5600	2.4			Y	
2	LG94A	D9G300228 -2	8/6/200		2	1.3000	15.68		15.5200	1.11			Y	
3	LG94C	D9G300228 -3	8/6/200		3	1.2900	19.54		19.2600	1.53			Y	
4	LG94D	D9G300228 -4	8/6/200		4	1.3400	18.73		18.4200	1.78			Y	
5	LG94E	D9G300228 -5	8/6/200		5	1.3500	16.95		16.6900	1.67			Y	
6	LG94F	D9G300228 -6	8/6/200		6	1.3100	17.26		16.9400	2.01			Y	
7	LG94G	D9G300228 -7	8/6/200		7	1.2800	20.07		19.8300	1.28			Y	
8	LG94H	D9G300228 -8	8/6/200		8	1.2900	19.64		19.5400	0.54			Y	
9	LG94J	D9G300228 -9	8/6/200		9	1.3100	14.56		14.2100	2.64			Y	
10	LG94J-X	D9G300228 -9	8/6/200	0	10	1.3000	17.55		17.1300	2.58			Y	2.2%
11	LG94M	D9G300228 -10	8/6/200		11	1.3200	18.31		17.8100	2.94			Y	
12	LG94N	D9G300228 -11	8/6/200		12	1.3100	15		14.6100	2.85			Y	
13	LG94P	D9G300228 -12	8/6/200		13	1.3200	16.97		16.5800	2.49			Y	
14	LHEN8	D9G300228 -25	8/6/200		14	1.3300	16.44		16.1000	2.25			Y	
15	LHEN9	D9G300228 -26	8/6/200		15	1.3300	16.34		16.1100	1.53			Y	
16	LHEPA	D9G300228 -27	8/6/200		16	1.3200	16.65		16.3000	2.28			Y	
17	LHEPC	D9G300228 -28	8/6/200		17	1.3300	16.42		16.0100	2.72			Y	
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STL Denver

GRAVIMETRIC CALCULATION BENCHSHEET

ANALYST: RSC
REVIEWED BY: RSC
BATCH NO.: 9212113, 9212115, 9215152
Prep Code: 88
Method Code: IJ, IJ, NJ

ANALYSIS DATE: 08/06/09
REVIEW DATE: 87/709

METHOD NO.: MOIS
BALANCE NO.: BAL
FILE: 11408

Date/Time In: 8/6/2009 11:53
Date/Time Out: 8/7/2009 6:30
Temp In, C: 99
Temp Out, C: 101

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 RSC Upload?	%D
47	LHA2G	D9G300335 -6	11:53		47	1.3000	21.18		14.7000	32.6			Y	
48	LHA2J	D9G300335 -8	11:53		48	1.2900	17.84		13.9500	23.5			Y	
49	LHDXJ	D9G310290 -5	11:53		49	1.3100	19.62		16.2500	18.4			Y	
50	LHDX4	D9G310290 -6	11:53		50	1.3200	16.32		12.6200	24.7			Y	
51	LHD0A	D9G310290 -7	11:53		51	1.3400	19.47		15.7600	20.6			Y	
52	LHD0D	D9G310290 -8	11:53		52	1.3000	19.06		16.1700	16.3			Y	
53														
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General Chemistry

Supporting Documentation

Sample Sequence, Instrument Printouts, Calculations

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Method: Moisture - 3550C

Batch #(s): 921213-8367-8152-2115

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

Signature/Date: _____

TestAmerica Denver

1/2

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Wet Chemistry Data Review Checklist For Gravimetric Methods

Test Name/Method #: 3550C Moisture Analysis Date: 8/6/2009

SOP #: WC-0023 Analyst: Clinkscales Instrument: Balance

Lot / Sample Numbers	Matrix	Batch	Method	QC	Special Inst
D9G220290-24 → 32	Soil	9212113	IJ	01	Fed Gtr
D9G310162-001 → 004	↓	↓	↓	↓	✓
D9GH030196-001 → 007	↓	↓	↓	↓	✓
D9G300228-001 → 012, 25 → 28	Soil	9218367	NJ	01	USGS DOD
D9G300280-001	Soil	9218152	NJ	01	ADEE
D9G300335-001 → 4, 6, 8	↓	↓	↓	↓	↓
D9G310290-005 → 008	↓	↓	↓	↓	↓
D9G240333-001 → 008, 12 → 15	Soil	9212115	IJ	01	

	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?	X			
2. Was the oven temperature within method requirements and recorded in the "Oven Temperature" logbook for the date(s) the samples were processed?	X			
3. Was the daily conductivity check of the deionized water recorded in the "Conductivity Logbook"?			X	
B. Method Requirements				
1. If sample is visibly oily, was this noted on the benchsheet?			X	
2. Was final residue weight within minimum/maximum requirements?	X			✓
3. Were the initial and final drying dates and times recorded on the benchsheet and were all samples dried for at least one hour?	X			✓
C. Sample Results				
1. TDS/Conductivity ratio or historical data checked?			X	
2. Were sample analyses done within holding time?			X	
3. Were special client requirements met?	X			✓
4. Were data that were manually transcribed from instrument printouts into QuanTIMS verified 100% including significant figures and units?	X			✓
5. Do the prep and analysis dates in QuanTIMS reflect the actual dates? Lots/Dates report checked?	X			✓
6. STD/True Value sheet is updated and included?			X	
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?			X	
2. Method blank < ½ RL or NCM provided?			X	
3. LCS/LCSD run for batch and within QC limits?			X	
4. DUP run for batch and RPD < 20% for samples >5 X RL?	X			✓

Analyst: [signature] Date: 8/7/09

Comments:

2nd Level Reviewer: [signature] Date: 8/7/09

Comments:

TESTAMERICA Denver

2/2

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Test Name/ Method #: Moisture

SOP # WC-0023

Instrument: Balance Analyst: CLINKscales

Analysis Date: 8/6/09

Lot / Sample Numbers	Matrix	Batch	Method	QC	Special Inst
D9G300332-001,002	Soil	9212115	IJ	01	
D9G310187-001,002	↓	↓	↓	↓	
D9G310295-001,002	↓	↓	↓	↓	

Revision 0
7/14/09
QA\Edit\Forms\Wet Chemistry\Generic Lot-Sample list

STL Denver

GRAVIMETRIC CALCULATION BENCHSHEET

ANALYST: RSC
REVIEWED BY: RSC
BATCH NO.: 9212113, 9212115, 9218152
Prep Code: 88
Method Code: IJ, IJ, NJ

ANALYSIS DATE: 08/06/09
REVIEW DATE: 87/709

METHOD NO.: MOIS
BALANCE NO.: BAL
FILE: 11408

Date/Time In: 8/6/2009 11:53
Date/Time Out: 8/7/2009 6:30
Temp In, C: 99
Temp Out, C: 101

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	RSC Upload?	Upload by %D
1	LG09M	D9G220290 -24	11:53		1	1.3000	18.99		16.0800	16.4			Y	
2	LG09M-X	D9G220290 -24	11:53	0	2	1.3100	16.46		14.1800	15			Y	8.9%
3	LG09N	D9G220290 -25	11:53		3	1.3200	17.17		14.6600	15.8			Y	
4	LG09P	D9G220290 -26	11:53		4	1.3300	17.16		13.7300	21.7			Y	
5	LG09Q	D9G220290 -27	11:53		5	1.3100	17.98		15.5500	14.6			Y	
6	LG09R	D9G220290 -28	11:53		6	1.3200	16.84		14.1100	17.6			Y	
7	LG09T	D9G220290 -29	11:53		7	1.3100	17.66		14.9800	16.4			Y	
8	LG09V	D9G220290 -30	11:53		8	1.3000	16.09		13.6500	16.5			Y	
9	LG09W	D9G220290 -31	11:53		9	1.3000	16.6		14.0700	16.5			Y	
10	LG09X	D9G220290 -32	11:53		10	1.3200	18.62		15.5800	17.6			Y	
11	LHCRC	D9G310162 -1	11:53		11	1.3200	14.28		13.7300	4.24			Y	
12	LHCRH	D9G310162 -2	11:53		12	1.3200	14.32		13.9400	2.92			Y	
13	LHCRJ	D9G310162 -3	11:53		13	1.3000	14.76		14.5600	1.49			Y	
14	LHCRK	D9G310162 -4	11:53		14	1.3300	14.72		14.5600	1.19			Y	
15	LHF3D	D9H030196 -1	11:53		15	1.3100	15.28		12.3100	21.3			Y	
16	LHF3F	D9H030196 -2	11:53		16	1.3100	13.31		8.1300	43.2			Y	
17	LHF3G	D9H030196 -3	11:53		17	1.3300	15.83		12.1000	25.7			Y	
18	LHF3H	D9H030196 -4	11:53		18	1.3200	16.37		14.3400	13.5			Y	
19	LHF3J	D9H030196 -5	11:53		19	1.3100	19.25		16.5800	14.9			Y	
20	LHF3L	D9H030196 -6	11:53		20	1.2900	16.03		14.5500	10			Y	
21	LHF3M	D9H030196 -7	11:53		21	1.2900	15.37		14.8300	3.84			Y	
22	LG3FL	D9G240333 -1	11:53		22	1.3100	16.12		12.9700	21.3			Y	
23	LG3FL-X	D9G240333 -1	11:53	0	23	1.3200	15.21		12.3700	20.4			Y	3.9%
24	LG3FP	D9G240333 -2	11:53		24	1.3100	16.63		13.8800	18			Y	
25	LG3FR	D9G240333 -3	11:53		25	1.3000	15.05		12.5700	18			Y	
26	LG3FV	D9G240333 -4	11:53		26	1.3200	16.12		13.9400	14.7			Y	
27	LG3FX	D9G240333 -5	11:53		27	1.3100	14.37		12.3800	15.2			Y	
28	LG3F1	D9G240333 -6	11:53		28	1.3300	15		12.7000	16.8			Y	
29	LG3F3	D9G240333 -7	11:53		29	1.3100	17.74		14.6300	18.9			Y	
30	LG3F4	D9G240333 -8	11:53		30	1.3000	17.02		14.1600	18.2			Y	
31	LG6XM	D9G240333 -12	11:53		31	1.3200	17.38		14.6800	16.8			Y	
32	LG6XV	D9G240333 -13	11:53		32	1.3000	16.81		14.2700	16.4			Y	
33	LG6XW	D9G240333 -14	11:53		33	1.3100	15.11		13.2100	13.8			Y	
34	LG6X0	D9G240333 -15	11:53		34	1.2900	15.37		13.8600	10.7			Y	
35	LHA07	D9G300332 -1	11:53		35	1.2900	16.62		15.5700	6.85			Y	
36	LHA08	D9G300332 -2	11:53		36	1.3000	15.98		12.7500	22			Y	
37	LHC04	D9G310187 -1	11:53		37	1.3300	17.19		15.9600	7.76			Y	
38	LHC1K	D9G310187 -2	11:53		38	1.3300	15.47		12.7500	19.2			Y	
39	LHDXM	D9G310295 -1	11:53		39	1.3200	16.03		13.3700	18.1			Y	
40	LHD1H	D9G310295 -2	11:53		40	1.3200	14.84		12.8600	14.6			Y	
41	LHANL	D9G300280 -1	11:53		41	1.3200	28.16		6.6500	80.1			Y	
42	LHA1T	D9G300335 -1	11:53		42	1.3000	15.41		15.2000	1.49			Y	
43	LHA1T-X	D9G300335 -1	11:53	0	43	1.3000	15.26		15.0500	1.5			Y	1.1%
44	LHA14	D9G300335 -2	11:53		44	1.3200	16.51		15.9500	3.69			Y	
45	LHA19	D9G300335 -3	11:53		45	1.3100	15.36		15.3400	0.14		< RL	Y	
46	LHA2A	D9G300335 -4	11:53		46	1.3200	15.27		12.5200	19.7			Y	

STL Denver

GRAVIMETRIC CALCULATION BENCHSHEET

ANALYST RSC
REVIEWED BY RSC
BATCH NO. 9218367
Prep Code 88
Method Code NJ

ANALYSIS DATE 08/06/09
REVIEW DATE

METHOD NO. MOIS
BALANCE NO. BAL
FILE 11408

Date/Time In 8/6/2009 15:30:00
Date/Time Out 8/7/2009 6:30
Temp In, C 101
Temp Out, C 100

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 Wt g	Percent Moisture %	%Rec.	Check	RSC Upload?	Upload by %D
1	LG939	D9G300228 -1	8/6/200		1	1.2900	20.01		19.5600	2.4			Y	
2	LG94A	D9G300228 -2	8/6/200		2	1.3000	15.68		15.5200	1.11			Y	
3	LG94C	D9G300228 -3	8/6/200		3	1.2900	19.54		19.2600	1.53			Y	
4	LG94D	D9G300228 -4	8/6/200		4	1.3400	18.73		18.4200	1.78			Y	
5	LG94E	D9G300228 -5	8/6/200		5	1.3500	16.95		16.6900	1.67			Y	
6	LG94F	D9G300228 -6	8/6/200		6	1.3100	17.26		16.9400	2.01			Y	
7	LG94G	D9G300228 -7	8/6/200		7	1.2800	20.07		19.8300	1.28			Y	
8	LG94H	D9G300228 -8	8/6/200		8	1.2900	19.64		19.5400	0.54			Y	
9	LG94J	D9G300228 -9	8/6/200		9	1.3100	14.56		14.2100	2.64			Y	
10	LG94J-X	D9G300228 -9	8/6/200	0	10	1.3000	17.55		17.1300	2.58			Y	2.2%
11	LG94M	D9G300228 -10	8/6/200		11	1.3200	18.31		17.8100	2.94			Y	
12	LG94N	D9G300228 -11	8/6/200		12	1.3100	15		14.6100	2.85			Y	
13	LG94P	D9G300228 -12	8/6/200		13	1.3200	16.97		16.5800	2.49			Y	
14	LHEN8	D9G300228 -25	8/6/200		14	1.3300	16.44		16.1000	2.25			Y	
15	LHEN9	D9G300228 -26	8/6/200		15	1.3300	16.34		16.1100	1.53			Y	
16	LHEPA	D9G300228 -27	8/6/200		16	1.3200	16.65		16.3000	2.28			Y	
17	LHEPC	D9G300228 -28	8/6/200		17	1.3300	16.42		16.0100	2.72			Y	
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STL Denver

GRAVIMETRIC CALCULATION BENCHSHEET

ANALYST: RSC
REVIEWED BY: RSC
BATCH NO.: 9212113, 9212115, 9215152
Prep Code: 88
Method Code: IJ, IJ, NJ

ANALYSIS DATE: 08/06/09
REVIEW DATE: 87/709

METHOD NO.: MOIS
BALANCE NO.: BAL
FILE: 11408

Date/Time In: 8/6/2009 11:53
Date/Time Out: 8/7/2009 6:30
Temp In, C: 99
Temp Out, C: 101

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 RSC Upload?	%D
47	LHA2G	D9G300335 -6	11:53		47	1.3000	21.18		14.7000	32.6			Y	
48	LHA2J	D9G300335 -8	11:53		48	1.2900	17.84		13.9500	23.5			Y	
49	LHDXJ	D9G310290 -5	11:53		49	1.3100	19.62		16.2500	18.4			Y	
50	LHDX4	D9G310290 -6	11:53		50	1.3200	16.32		12.6200	24.7			Y	
51	LHD0A	D9G310290 -7	11:53		51	1.3400	19.47		15.7600	20.6			Y	
52	LHD0D	D9G310290 -8	11:53		52	1.3000	19.06		16.1700	16.3			Y	
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