

April 29, 2010

TestAmerica Project Number: G0D280454

PO/Contract: 2027.01

Cindy Arnold
Tronox LLC / AIU Henderson, NV
PO Box 268859
Oklahoma City, OK 73126-8859

Dear Ms. Arnold,

This report contains the analytical results for the samples received under chain of custody by TestAmerica on April 28, 2010. These samples are associated with your Tronox LLC. Henderson - Parcel project.

The test results in this report meet all NELAC requirements for parameters that accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The case narrative is an integral part of this report.

If you have any questions, please feel free to call me at (916) 374-4383.

Sincerely,



DAVID R. ALLTUCKER
Project Manager

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Case Narrative

TestAmerica West Sacramento Project Number GOD280454

WATER, 8082, PCBs

Sample(s): 1

There was insufficient sample volume to prepare a matrix spike/matrix spike duplicate (MS/MSD) pair with this batch.

SOLID, 8082, PCBs

Sample(s): 2

The matrix spike/matrix spike duplicate (MS/MSD) associated with this extraction batch has recoveries and/or precision is outside the established control limits for Aroclor 1016. Acceptable laboratory control sample (LCS) data demonstrate that the analytical system is in control. This anomaly is most likely matrix related.

There were no other anomalies associated with this project.

TestAmerica Laboratories West Sacramento Certifications/Accreditations

Certifying State	Certificate #	Certifying State	Certificate #
Alaska	UST-055	New York*	11666
Arizona	AZ0708	Oregon*	CA 200005
Arkansas	88-0691	Pennsylvania	68-1272
California*	01119CA	South Carolina	87014
Colorado	NA	Texas	T104704399-08-TX
Connecticut	PH-0691	Utah*	QUAN1
Florida*	E87570	Virginia	00178
Georgia	960	Washington	C1281
Hawaii	NA	West Virginia	9930C, 334
Illinois	200060	Wisconsin	998204680
Kansas*	E-10375	NFESC	NA
Louisiana*	30612	USACE	NA
Michigan	9947	USDA Foreign Plant	37-82605
Nevada	CA44	USDA Foreign Soil	P330-09-00055
New Jersey*	CA005	US Fish & Wildlife	LE148388-0
New Mexico	NA	Guam	09-014r

*NELAP accredited. A more detailed parameter list is available upon request. Updated 3/25/2009

QC Parameter Definitions

QC Batch: The QC batch consists of a set of up to 20 field samples that behave similarly (i.e., same matrix) and are processed using the same procedures, reagents, and standards at the same time.

Method Blank: An analytical control consisting of all reagents, which may include internal standards and surrogates, and is carried through the entire analytical procedure. The method blank is used to define the level of laboratory background contamination.

Laboratory Control Sample and Laboratory Control Sample Duplicate (LCS/LCSD): An aliquot of blank matrix spiked with known amounts of representative target analytes. The LCS (and LCSD as required) is carried through the entire analytical process and is used to monitor the accuracy of the analytical process independent of potential matrix effects. If an LCSD is performed, it may also be used to evaluate the precision of the process.

Duplicate Sample (DU): Different aliquots of the same sample are analyzed to evaluate the precision of an analysis.

Surrogates: Organic compounds not expected to be detected in field samples, which behave similarly to target analytes. These are added to every sample within a batch at a known concentration to determine the efficiency of the sample preparation and analytical process.

Matrix Spike and Matrix Spike Duplicate (MS/MSD): An MS is an aliquot of a matrix fortified with known quantities of specific compounds and subjected to an entire analytical procedure in order to indicate the appropriateness of the method for a particular matrix. The percent recovery for the respective compound(s) is then calculated. The MSD is a second aliquot of the same matrix as the matrix spike, also spiked, in order to determine the precision of the method.

Isotope Dilution: For isotope dilution methods, isotopically labeled analogs (internal standards) of the native target analytes are spiked into the sample at time of extraction. These internal standards are used for quantitation, and monitor and correct for matrix effects. Since matrix effects on method performance can be judged by the recovery of these analogs, there is little added benefit of performing MS/MSD for these methods. MS/MSD are only performed for client or QAPP requirements.

Control Limits: The reported control limits are either based on laboratory historical data, method requirements, or project data quality objectives. The control limits represent the estimated uncertainty of the test results.

Sample Summary

TestAmerica West Sacramento Project Number G0D280454

<u>WO#</u>	<u>Sample #</u>	<u>Client Sample ID</u>	<u>Sampling Date</u>	<u>Received Date</u>
L0MR1	1	EB-04272010-PF	4/27/2010 03:20 PM	4/28/2010 08:45 AM
L0MR7	2	Q3-PF-3-1-0.0	4/27/2010 03:00 PM	4/28/2010 08:45 AM

Notes(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.



GENERAL REPORTING INFORMATION, INC.

1100 Quail Street, Suite 102

Newport Beach, CA 92660 (949) 266-9293

CHAIN-OF-CUSTODY / Analytical Request Document

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

Required Ship to Lab:

Required Project Information:

Required Invoice Information:

Lab Name:	Test America Laboratories Inc	Site ID #102	FRONCX LLC, HENDERSON	Send Invoices to:	Susan Crowley Tronox LLC.
Address:	880 Riverside Parkway	Project #	2027 01	Address:	PO Box 55
	West Sacramento, CA 95605	Site Address:	560 W Lake Mendocino Drive	City/State:	Henderson, NV 89009
Lab P/N:	David Alkucker	City:	Henderson	Phone #:	(949) 260-9293
Phone/Fax:	(916) 373-5600	State, Zip:	NV, 89009	PO #:	
Lab PM email:	David Alkucker@testamericainc.com	Site PM Name:	Derrick Willis	Send EDD to:	Frank.Hagan@ngem.com
Applicable Lab Code #:		Phone/Fax:	(949) 373-7304	CC Hardcopy report to:	PDF Electronic Version Only - FTP Upload
		Site PM Email:	derrick.willis@ngem.com	CC Hardcopy report to:	See Additional Comments Below

ITEM #	SAMPLE ID Samples IDs MUST BE UNIQUE	SAMPLE LOCATION	MATRIX CODE	G=GRAB C=COMP	SAMPLE TYPE	SAMPLE DATE	SAMPLE TIME	#OF CONTAINERS	Comments/Lab Sample I.D.			
									Residue	Preservative	Filtrate	
03-PF-3-1-0-D	Barrel F	SD		C	N	4/23/16	1500	1	X	PHB PCBs WPRES (8082)		

DATE	TIME	ACCEPTED BY	DATE	TIME	Sample Receipt Conditions
4/23/16	17:13	James M Carr	4/23/16	17:13	Y/N
4/23/16	18:00	James M Carr	4/23/16	18:00	Y/N
4/23/16	18:00	James M Carr	4/23/16	18:00	Y/N
4/23/16	18:00	James M Carr	4/23/16	18:00	Y/N
4/23/16	18:00	James M Carr	4/23/16	18:00	Y/N
4/23/16	18:00	James M Carr	4/23/16	18:00	Y/N

Additional Comments/Special Instructions:

SHIPMENT INFO:

PREPARED BY: JAMES M. CARR
DATE: 4/23/16
TIME: 1627

ACCEPTED BY: JAMES M. CARR
DATE: 4/23/16
TIME: 1627

Temp in OC: _____

Samples on Ice?: Y/N

Sample intact?: Y/N

Trip Blank?: Y/N

CC # 02027.01.2121
Total # of Samples 1
Event Complete? _____



ENVIRONMENTAL INVESTIGATIONS, 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.

Required Project Information: Lab Name: Test America Laboratories Inc. Site ID #102 TRONOX LLC, HENDERSON
 Address: 880 River Side Parkway Project # 2027.01
 West Sacramento, CA 95605 Site Address: 560 W Lake Blvd Drive
 Lab P.M. David Altuveker City Henderson State, Zip NV, 89009
 Phone/Fax: (916) 373-5608 Site P.M. Name Derrick Willis
 Lab P.M. email David.Altuveker@testamericainc.com Phone/Fax: (949) 375-7004
 Applicable Lab Code # Site Piv Email: derrick.willis@ngem.com

Required Invoice Information: Send Invoice to: Susan Crowley Tronox LLC. Address: PO Box 55 Henderson, NV 89009 Phone #: (949) 260-9293
 CC Hardcopy report to: Frank Hagar@ngem.com
 CC Hardcopy report to: PDF Electronic Version Only - FTP Upload
 CC Hardcopy report to: See Additional Comments Below

ITEM #	SAMPLE ID SAMPLES IDS MUST BE UNIQUE	SAMPLE LOCATION	MATRIX CODE	G=GRAB C=COMP	SAMPLE TYPE	SAMPLE DATE	SAMPLE TIME	#OF CONTAINERS	Comments/Lab Sample I.D.
	EB-04272010-PF	PARCEL E W		G	EB	4/27/10	1627	2	PHB PCPS (8082)

DATE	TIME	INITIALS	ACCEPTED BY	DATE	TIME	INITIALS	TEMP IN OC	SAMPLES ON ICE?	SAMPLE INTACT?	TRIP BLANK?
4/27/10	1627	[Signature]	James M	4/27/10	1710	[Signature]		Y/N	Y/N	Y/N
4/27/10	1800	[Signature]	James M	4/27/10	1800	[Signature]		Y/N	Y/N	Y/N
4/27/10	1800	[Signature]	James M	4/27/10	1800	[Signature]		Y/N	Y/N	Y/N

Additional Comments/Special Instructions:
 SUPPORTING INFO:
 POST TIME OF SAMPLE: 4/27/2010 16:27
 DATE OF ANALYSIS: 4/27/2010
 ANALYST: James M
 DATE OF REPORT: 4/27/2010

CLIENT NORTH GATE PM DA LOG # 64448

LOT# (QUANTIMS ID) G09280454 QUOTE# 84087 LOCATION W19A

DATE RECEIVED 28 APR 10 TIME RECEIVED 0845 Checked (✓)

DELIVERED BY FEDEX ON TRAC CLIENT

GOLDENSTATE UPS GO-GETTERS OTHER

TAL COURIER TAL SF VALLEY LOGISTICS

CUSTODY SEAL STATUS INTACT BROKEN N/A

CUSTODY SEAL #(S) SEAL

SHIPPING CONTAINER(S) TAL CLIENT N/A

COC #(S) 02027.01.2122 02027.01.2121

TEMPERATURE BLANK Observed: 3/2 Corrected: 3/2

SAMPLE TEMPERATURE - (TEMPERATURES ARE IN °C)

Observed: 3.3 Average 3 Corrected Average 3

LABORATORY THERMOMETER ID:

IR UNIT: #4 #5 OTHER

Initials jl Date 28 APR 10

pH MEASURED YES ANOMALY N/A

LABELLED BY.....

LABELS CHECKED BY.....

PEER REVIEW NA

SHORT HOLD TEST NOTIFICATION SAMPLE RECEIVING

WETCHEM N/A

VOA-ENCORES N/A

METALS NOTIFIED OF FILTER/PRESERVE VIA VERBAL & EMAIL N/A

COMPLETE SHIPMENT RECEIVED IN GOOD CONDITION WITH N/A
APPROPRIATE TEMPERATURES, CONTAINERS, PRESERVATIVES

CLOUSEAU TEMPERATURE EXCEEDED (2 °C - 6 °C)^{*1} N/A

WET ICE BLUE ICE GEL PACK NO COOLING AGENTS USED PM NOTIFIED

Initials jl Date 28 APR 10

Notes _____

*1 Acceptable temperature range for State of Wisconsin samples is ≤4°C.

Lot
ID:

G09 280 454

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
VOA*	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
VOAh*	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
AGB	2																			
AGBs																				
250AGB																				
250AGBs																				
250AGBn																				
500AGB																				
___AGJ																			11	
500AGJ																				
250AGJ		1																		
125AGJ																				
___CGJ																				
500CGJ																				
250CGJ																				
125CGJ																				
PJ																				
PJn																				
500PJ																				
500PJn																				
500PJna																				
500PJzn/na																				
250PJ																				
250PJn																				
250PJna																				
250PJzn/na																				
Acetate Tube																				
___CT																				
Encore																				
Folder/filter																				
PUF																				
Petri/Filter																				
XAD Trap																				
Ziploc																				

h = hydrochloric acid s = sulfuric acid na = sodium hydroxide n = nitric acid zn = zinc acetate

Number of VOAs with air bubbles present / total number of VOA's

SOLID, 8082, PCBs

Northgate Environmental Management, Inc.

Client Sample ID: Q3-PF-3-1-0.0

GC Semivolatiles

Lot-Sample #...: G0D280454-002 Work Order #...: L0MR71AC Matrix.....: SO
 Date Sampled...: 04/27/10 Date Received...: 04/28/10
 Prep Date.....: 04/28/10 Analysis Date...: 04/28/10
 Prep Batch #...: 0118266
 Dilution Factor: 1
 % Moisture.....: 0.0 Method.....: SW846 8082

PARAMETER	RESULT	REPORTING	
		LIMIT	UNITS
Aroclor 1016	ND	** 33	ug/kg
Aroclor 1221	ND	** 33	ug/kg
Aroclor 1232	ND	** 33	ug/kg
Aroclor 1242	ND	** 33	ug/kg
Aroclor 1248	ND	** 33	ug/kg
Aroclor 1254	ND	** 33	ug/kg
Aroclor 1260	ND	** 33	ug/kg
Aroclor 1262	ND	** 33	ug/kg
Aroclor 1268	ND	** 33	ug/kg

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Decachlorobiphenyl	82	(56 - 122)
Tetrachloro-m-xylene	81	(54 - 108)

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

QC DATA ASSOCIATION SUMMARY

G0D280454

Sample Preparation and Analysis Control Numbers

<u>SAMPLE#</u>	<u>MATRIX</u>	<u>ANALYTICAL METHOD</u>	<u>LEACH BATCH #</u>	<u>PREP BATCH #</u>	<u>MS RUN#</u>
001	W	SW846 8082		0118268	
002	SO	ASTM D 2216-90		0118257	0118162
	SO	SW846 8082		0118266	0118168

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: GOD280454
 MB Lot-Sample #: GOD280000-266

Work Order #...: L0M101AA

Matrix.....: SOLID

Prep Date.....: 04/28/10

Analysis Date...: 04/28/10

Prep Batch #...: 0118266

Dilution Factor: 1

PARAMETER	RESULT	REPORTING		METHOD
		LIMIT	UNITS	
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082
Aroclor 1262	ND	33	ug/kg	SW846 8082
Aroclor 1268	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Decachlorobiphenyl	88	(56 - 122)
Tetrachloro-m-xylene	90	(54 - 108)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: GOD280454 Work Order #...: L0M101AC Matrix.....: SOLID
 LCS Lot-Sample#: GOD280000-266
 Prep Date.....: 04/28/10 Analysis Date...: 04/28/10
 Prep Batch #...: 0118266
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Aroclor 1016	92	(73 - 122)	SW846 8082
Aroclor 1260	90	(73 - 121)	SW846 8082

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Decachlorobiphenyl	87	(56 - 122)
Tetrachloro-m-xylene	85	(54 - 108)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: GOD280454 Work Order #...: LOM101AC Matrix.....: SOLID
 LCS Lot-Sample#: GOD280000-266
 Prep Date.....: 04/28/10 Analysis Date...: 04/28/10
 Prep Batch #...: 0118266
 Dilution Factor: 1

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCENT RECOVERY</u>	<u>METHOD</u>
Aroclor 1016	66.7	61.4	ug/kg	92	SW846 8082
Aroclor 1260	66.7	60.2	ug/kg	90	SW846 8082
<u>SURROGATE</u>		<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>		
Decachlorobiphenyl		87	(56 - 122)		
Tetrachloro-m-xylene		85	(54 - 108)		

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: GOD280454 Work Order #...: L0MR71AD-MS Matrix.....: SO
 MS Lot-Sample #: GOD280454-002 L0MR71AE-MSD
 Date Sampled...: 04/27/10 Date Received...: 04/28/10
 Prep Date.....: 04/28/10 Analysis Date...: 04/28/10
 Prep Batch #...: 0118266
 Dilution Factor: 0.99

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
Aroclor 1016	301 a	(73 - 122)			SW846 8082
	301 a	(73 - 122)	0.95	(0-25)	SW846 8082
Aroclor 1260	112	(73 - 121)			SW846 8082
	111	(73 - 121)	1.9	(0-25)	SW846 8082

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Decachlorobiphenyl	93	(56 - 122)
	93	(56 - 122)
Tetrachloro-m-xylene	85	(54 - 108)
	89	(54 - 108)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters
 a Spiked analyte recovery is outside stated control limits.
 Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: GOD280454 Work Order #...: L0MR71AD-MS Matrix.....: SO
 MS Lot-Sample #: GOD280454-002 L0MR71AE-MSD
 Date Sampled...: 04/27/10 Date Received...: 04/28/10
 Prep Date.....: 04/28/10 Analysis Date...: 04/28/10
 Prep Batch #...: 0118266
 Dilution Factor: 0.99

PARAMETER	SAMPLE	SPIKE	MEASRD	UNITS	PERCNT		METHOD
	AMOUNT	AMT	AMOUNT		RECVRY	RPD	
Aroclor 1016	ND	66.3	200	ug/kg	301 a		SW846 8082
	ND	65.9	198	ug/kg	301 a	0.95	SW846 8082
Aroclor 1260	ND	66.3	74.6	ug/kg	112		SW846 8082
	ND	65.9	73.2	ug/kg	111	1.9	SW846 8082

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Decachlorobiphenyl	93	(56 - 122)
	93	(56 - 122)
Tetrachloro-m-xylene	85	(54 - 108)
	89	(54 - 108)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

WATER, 8082, PCBs

Northgate Environmental Management, Inc.

Client Sample ID: EB-04272010-PF

GC Semivolatiles

Lot-Sample #...: GOD280454-001 Work Order #...: L0MR11AA Matrix.....: W
Date Sampled...: 04/27/10 Date Received...: 04/28/10
Prep Date.....: 04/28/10 Analysis Date...: 04/28/10
Prep Batch #...: 0118268
Dilution Factor: 0.96 Method.....: SW846 8082

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
Aroclor 1016	ND	0.96	ug/L
Aroclor 1221	ND	0.96	ug/L
Aroclor 1232	ND	0.96	ug/L
Aroclor 1242	ND	0.96	ug/L
Aroclor 1248	ND	0.96	ug/L
Aroclor 1254	ND	0.96	ug/L
Aroclor 1260	ND	0.96	ug/L
Aroclor 1262	ND	0.96	ug/L
Aroclor 1268	ND	0.96	ug/L

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Decachlorobiphenyl	84	(10 - 130)
Tetrachloro-m-xylene	84	(49 - 116)

QC DATA ASSOCIATION SUMMARY

G0D280454

Sample Preparation and Analysis Control Numbers

<u>SAMPLE#</u>	<u>MATRIX</u>	<u>ANALYTICAL METHOD</u>	<u>LEACH BATCH #</u>	<u>PREP BATCH #</u>	<u>MS RUN#</u>
001	W	SW846 8082		0118268	
002	SO	ASTM D 2216-90		0118257	0118162
	SO	SW846 8082		0118266	0118168

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: G0D280454 Work Order #...: L0M3C1AA Matrix.....: WATER
 MB Lot-Sample #: G0D280000-268
 Prep Date.....: 04/28/10
 Analysis Date...: 04/28/10 Prep Batch #...: 0118268
 Dilution Factor: 1

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Aroclor 1016	ND	1.0	ug/L	SW846 8082
Aroclor 1221	ND	1.0	ug/L	SW846 8082
Aroclor 1232	ND	1.0	ug/L	SW846 8082
Aroclor 1242	ND	1.0	ug/L	SW846 8082
Aroclor 1248	ND	1.0	ug/L	SW846 8082
Aroclor 1254	ND	1.0	ug/L	SW846 8082
Aroclor 1260	ND	1.0	ug/L	SW846 8082
Aroclor 1262	ND	1.0	ug/L	SW846 8082
Aroclor 1268	ND	1.0	ug/L	SW846 8082

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Decachlorobiphenyl	55	(10 - 130)
Tetrachloro-m-xylene	78	(49 - 116)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: GOD280454 Work Order #...: L0M3C1AC Matrix.....: WATER
 LCS Lot-Sample#: GOD280000-268
 Prep Date.....: 04/28/10 Analysis Date...: 04/28/10
 Prep Batch #...: 0118268
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Aroclor 1016	94	(64 - 121)	SW846 8082
Aroclor 1260	90	(49 - 117)	SW846 8082

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Decachlorobiphenyl	89	(10 - 130)
Tetrachloro-m-xylene	79	(49 - 116)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Boid print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: GOD280454 Work Order #...: L0M3C1AC Matrix.....: WATER
 LCS Lot-Sample#: GOD280000-268
 Prep Date.....: 04/28/10 Analysis Date...: 04/28/10
 Prep Batch #...: 0118268
 Dilution Factor: 1

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCENT RECOVERY</u>	<u>METHOD</u>
Aroclor 1016	2.00	1.88	ug/L	94	SW846 8082
Aroclor 1260	2.00	1.79	ug/L	90	SW846 8082

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Decachlorobiphenyl	89	(10 - 130)
Tetrachloro-m-xylene	79	(49 - 116)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

SOLID, D 2216-90, Percent Moisture

Northgate Environmental Management, Inc.

Client Sample ID: Q3-PF-3-1-0.0

General Chemistry

Lot-Sample #...: GOD280454-002 Work Order #...: L0MR7 Matrix.....: SO
Date Sampled...: 04/27/10 Date Received...: 04/28/10
% Moisture.....: 1.3

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Percent Moisture	1.3	0.10	%	ASTM D 2216-90	04/28-04/29/10	0118257

Dilution Factor: 1

QC DATA ASSOCIATION SUMMARY

G0D280454

Sample Preparation and Analysis Control Numbers

<u>SAMPLE#</u>	<u>MATRIX</u>	<u>ANALYTICAL METHOD</u>	<u>LEACH BATCH #</u>	<u>PREP BATCH #</u>	<u>MS RUN#</u>
001	W	SW846 8082		0118268	
002	SO	ASTM D 2216-90		0118257	0118162
	SO	SW846 8082		0118266	0118168

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: GOD280454

Work Order #...: LOGXM-SMP
LOGXM-DUP

Matrix.....: SOLID

Date Sampled...: 04/22/10

Date Received..: 04/23/10

% Moisture.....: 31

<u>PARAM</u>	<u>RESULT</u>	<u>DUPLICATE</u>	<u>UNITS</u>	<u>RPD</u>	<u>LIMIT</u>	<u>METHOD</u>	<u>PREPARATION-</u>	<u>PREP</u>
		<u>RESULT</u>					<u>ANALYSIS DATE</u>	<u>BATCH #</u>
Percent Moisture	30.7	39.8	%	26	(0-20)	ASTM D 2216-90	SD Lot-Sample #: GOD240424-022 04/28-04/29/10	0118257
Dilution Factor: 1								

SOLID, 8082, PCBs

Raw Data Package

Run/Batch Data

Includes (as applicable):

runlogs

initial/continuing calibration standards

interference/performance check standards

initial/continuing calibration blanks

method blanks

lcs

ms/sd

sample raw data

ms tune data

TestAmerica West Sacramento
GC/LC INSTRUMENT LOG

Inst ID: GC66B Batch ID: 042810
Method : 8082, TO-4, TO-4A, TO-10, and TO-10A Test : PCBs by GC-ECD
ICAL Date: See Calibration Report

Date	Time	Operator	Sample ID	File ID	Vol or Wt	Extract Vol	Diln	Comments
28-APR-2010	11:19	VN	HEXANE	0428-001.	1000 mL	10 mL	1	
28-APR-2010	11:49	VN	1660_300 09GCSV0493 8082 300PP	0428-002.	0 g	0 mL	1	
28-APR-2010	12:19	VN	LOFX91AA 0113374 MB	0428-003.	30 g	10 mL	1	
28-APR-2010	12:49	VN	LOFX91AC 0113374 LCS	0428-004.	30 g	10 mL	1	
28-APR-2010	13:19	VN	LX8PMLAE 0113374 D200503-12	0428-005.	30.24 g	10 mL	1	
28-APR-2010	13:50	VN	LX8PN1AE 0113374 D200503-13 10	0428-006.	30.12 g	10 mL	10	
28-APR-2010	14:20	VN	HEXANE	0428-007.	1000 mL	10 mL	1	
28-APR-2010	14:50	VN	LX8PQ1AE 0113374 D200503-14 10	0428-008.	30.27 g	10 mL	10	
28-APR-2010	15:20	VN	HEXANE	0428-009.	1000 mL	10 mL	1	
28-APR-2010	15:50	VN	LX8PW1AE 0113374 D200503-15 20	0428-010.	30.01 g	10 mL	20	
28-APR-2010	16:20	VN	HEXANE	0428-011.	1000 mL	10 mL	1	
28-APR-2010	16:51	VN	LOM3C1AA 0118268 MB	0428-012.	1000 mL	10 mL	1	
28-APR-2010	17:21	VN	LOM3C1AC 0118268 LCS	0428-013.	1000 mL	10 mL	1	
28-APR-2010	17:51	VN	LOMR11AA 0118268 D280454-1	0428-014.	1032.6 mL	10 mL	1	
28-APR-2010	18:21	VN	LOM101AA 0118266 MB	0428-015.	30 g	10 mL	1	
28-APR-2010	18:51	VN	LOM101AC 0118266 LCS	0428-016.	30 g	10 mL	1	
28-APR-2010	19:21	VN	LOMR71AC 0118266 D280454-2	0428-017.	29.96 g	10 mL	1	
28-APR-2010	19:52	VN	LOMR71AD 0118266 D280454-2S	0428-018.	30.15 g	10 mL	1	
28-APR-2010	20:22	VN	LOMR71AE 0118266 D280454-2D	0428-019.	30.35 g	10 mL	1	
28-APR-2010	20:52	VN	1660_500 09GCSV0494 8082 500PP	0428-020.	0 g	0 mL	1	

Printed before sequence complete.
VN 4/28/10

Chromatography Summary
Method 8082 Target Analyte Results

Injection Date: 4/28/2010 11:49 Operator: VN
 Data File: GC66B.N042810.B\0428-002.D Vial Num: 2
 Instrument ID: GC66B

Sample : **1660_300 09GCSV0493 8082 300PPB**

Method File: GC66B.N042810.B\8082.M
 Start Cal Date: 4/7/2010 23:24 End Cal Date: 4/8/2010 4:51

Matrix: NONE SubList: 1-1660CAL.SUB SpikeList:
 Samp. Info: 1660_300 09GCSV0493 8082 300PPB;2;;4;;;
 Misc. Info: 3;1-1660CAL.SUB;;;

Dilution Factor	Extract Volume	Sample Volume	Sample Weight
1X	0 mL	0 mL	0 g

DB-1701

Compound Name	RT	Response	PPB	Spike Level	%D	Result	Flag	Limits(%)
TCX	3.70	2618790101	48.8800	50	-2%	Acceptable		(±15)
DCB	17.40	1857685897	49.5200	50	-1%	Acceptable		(±15)
Aroclor 1016-Totals	1.00	1829180520	294.6000	300	-2%	Acceptable		(±15)
Aroclor 1260-Totals	1.00	2812325347	297.0000	300	-1%	Acceptable		(±15)

Notes: M = Manually Integrated
 D = Operator Disabled Result
 O = Over Calibration Range

TestAmerica West Sacramento

8082, TO-4, TO-4A, TO-10, and TO-10A

Data file : \\Terastation\share\GCdata\GC66B.I\042810.B\0428-002.D
 Lab Smp Id: 1660_300_09GCSV0493
 Inj Date : 28-APR-2010 11:49
 Operator : VN Inst ID: GC66B.i
 Smp Info : 1660_300_09GCSV0493 8082 300PPB;2;;4;;;
 Misc Info : 3;1-1660CAL.SUB;;;
 Comment : PCBs by GC-ECD
 Method : \\Terastation\share\GCdata\GC66B.I\042810.B\8082.m
 Meth Date : 28-Apr-2010 12:16 tap Quant Type: AREA%
 Cal Date : 07-APR-2010 23:50 Cal File: 0407-006.D
 Als bottle: 2 Continuing Calibration Sample
 Dil Factor: 1.00000
 Integrator: HP Genie Compound Sublist: 1-1660CAL.SUB
 Target Version: 4.14
 Processing Host: SACP307P

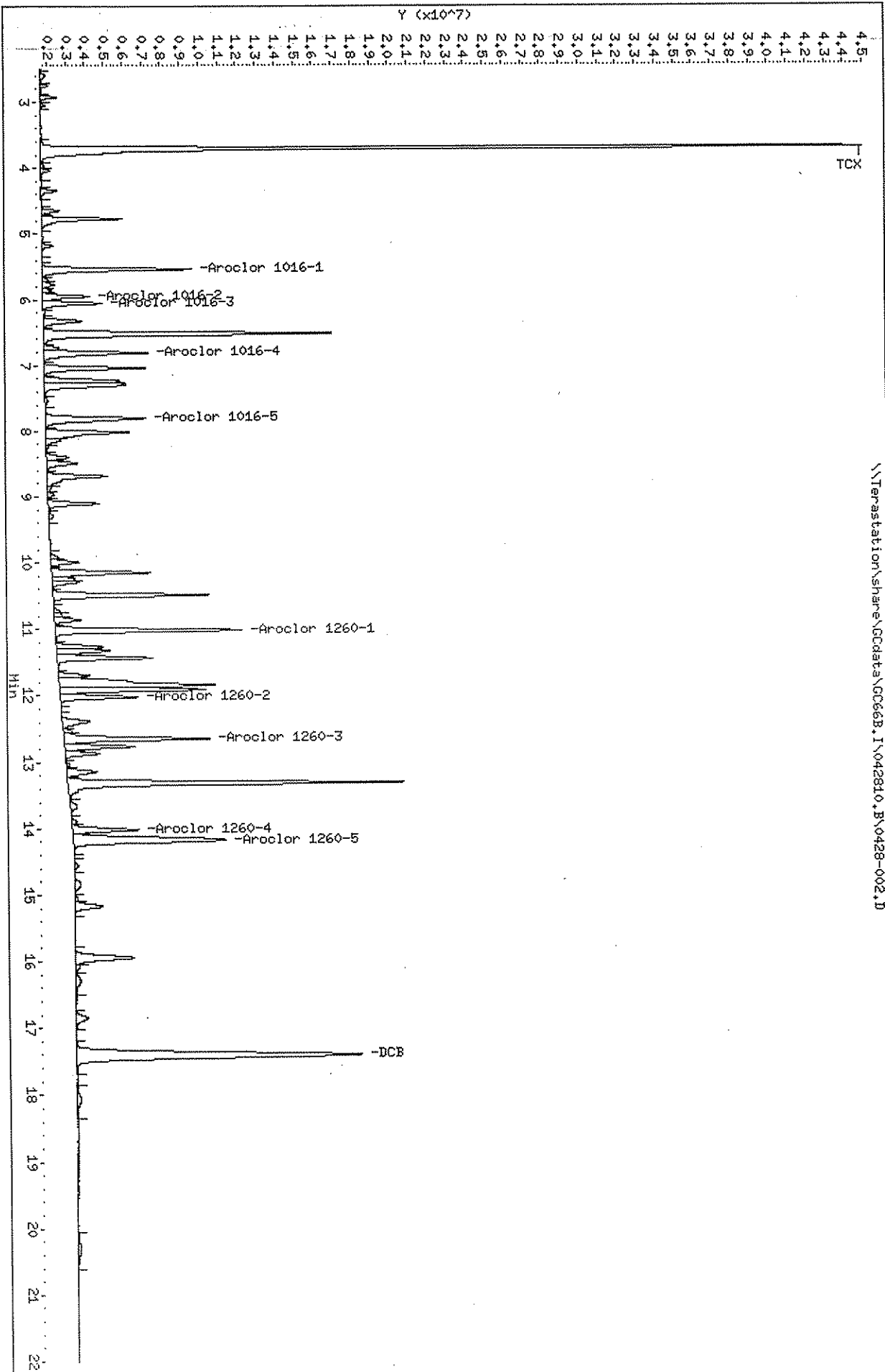
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
1.000	1829180520	24498011	0.013	9.08	M 190 Aroclor 1016-Totals
5.536	526259050	7942460	0.015		191 Aroclor 1016-1
5.949	162541369	2517376	0.015		192 Aroclor 1016-2
6.053	223240694	3205476	0.014		193 Aroclor 1016-3
6.807	434758797	5533861	0.013		194 Aroclor 1016-4
7.801	482380610	5298838	0.011		195 Aroclor 1016-5
1.000	1829180522	24498011	0.013	9.08	M 190 Aroclor 1016-Totals
5.536	526259050	7942460	0.015		191 Aroclor 1016-1
5.949	162541369	2517376	0.015		192 Aroclor 1016-2
6.053	223240694	3205476	0.014		193 Aroclor 1016-3
6.807	434758797	5533861	0.013		194 Aroclor 1016-4
7.801	482380610	5298838	0.011		195 Aroclor 1016-5
1.000	2812325347	33356046	0.012	5.24	M 196 Aroclor 1260-Totals
11.013	708678976	9876679	0.014		197 Aroclor 1260-1
12.017	305388589	4154436	0.014		198 Aroclor 1260-2
12.643	587661381	7733138	0.013		199 Aroclor 1260-3
14.010	272151616	3526652	0.013		200 Aroclor 1260-4
14.165	938444785	8065141	0.009		201 Aroclor 1260-5
2.593	21108436	268794	0.013	0.10	
2.748	24301500	403433	0.017	0.12	
2.920	44742175	891676	0.020	0.22	
3.047	14964650	263006	0.018	0.07	
3.702	2618790102	48406494	0.018	13.01	\$ 13 TCX
3.966	10562318	189041	0.018	0.05	
4.035	32990398	470098	0.014	0.16	
4.343	55717969	860868	0.015	0.27	
4.645	60339785	975315	0.016	0.29	
4.768	296271179	4352199	0.015	1.47	
5.177	37423952	575822	0.015	0.18	
5.705	19679866	326653	0.017	0.09	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
5.769	42892273	666204	0.016	0.21	
5.855	32134816	500750	0.016	0.15	
6.325	164474689	2047480	0.012	0.81	
6.518	1140342910	15227489	0.013	5.66	
6.729	50567635	839010	0.017	0.25	
7.037	370158679	5398181	0.015	1.83	
7.229	241486431	4071690	0.017	1.19	
7.285	429823565	4311964	0.010	2.13	
7.539	15321120	150417	0.010	0.07	
8.016	389505541	4463237	0.011	1.93	
8.136	54011131	802430	0.015	0.26	
8.234	10600240	150963	0.014	0.05	
8.397	83019768	1164291	0.014	0.41	
8.489	130358635	1638895	0.013	0.64	
8.687	290384615	3181475	0.011	1.44	
8.855	18281438	224689	0.012	0.09	
8.963	24406726	336869	0.014	0.12	
9.102	196024809	2722299	0.014	0.97	
9.297	23601861	257535	0.011	0.11	
9.909	25146907	402584	0.016	0.12	
9.990	106321408	1485131	0.014	0.52	
10.147	385732968	5284363	0.014	1.91	
10.239	73037212	1235368	0.017	0.36	
10.288	98323610	1419651	0.014	0.48	
10.483	593173024	8257845	0.014	2.94	
10.734	25498821	368553	0.014	0.12	
10.788	25308535	428971	0.017	0.12	
10.859	104035397	1448728	0.014	0.51	
11.260	166222554	2482319	0.015	0.82	
11.320	205064619	2838256	0.014	1.01	
11.428	390813994	5106169	0.013	1.94	
11.689	108987943	1650782	0.015	0.54	
11.836	846551029	8259600	0.010	4.20	
11.905	544180407	7715749	0.014	2.70	
12.381	141551282	1493031	0.011	0.70	
12.534	34216565	458277	0.013	0.16	
12.761	272122901	3763303	0.014	1.35	
12.864	131344942	1805206	0.014	0.65	
13.033	11173175	174174	0.016	0.05	
13.137	136235368	1576115	0.012	0.67	
13.308	1390523405	17695172	0.013	6.90	
13.657	57018338	388929	0.007	0.28	
13.890	25416815	299912	0.012	0.12	
14.554	17917062	221489	0.012	0.08	
14.836	51526593	319005	0.006	0.25	
15.066	11372676	178126	0.016	0.05	
15.163	145334252	1440553	0.010	0.72	
15.936	323476947	3101400	0.010	1.60	
16.066	18641631	206537	0.011	0.09	
16.291	47426841	253312	0.005	0.23	
16.843	75553028	640696	0.008	0.37	
17.398	1857685898	15023511	0.008	9.22	\$ 34 DCB
18.065	50701940	202975	0.004	0.25	
20.301	45447980	154629	0.003	0.22	
===== 20128881151	===== 261773745	===== 100.000			

Total unknown % area = 54.37

Data File: \\Terastation\share\GCdata\GC66B.I\042810.B\0428-002.D
 Date: 28-APR-2010 11:49
 Client ID:
 Sample Info: 1660_300 090CSW0493 8082 300PB;2;4;??;
 Column phase: DB-1701

Instrument: GC66B.i
 Operator: WN
 Column diameter: 0.53



Chromatography Summary
Method 8082 Target Analyte Results

Injection Date: 4/28/2010 18:21 Operator: VN
DataFile: GC66B.I\042810.B\0428-015.D Vial Num: 49
Instrument ID: GC66B

Sample : LOM101AA 0118266 MB

Method File: GC66B.I\042810.B\8082.M
Start Cal Date: 4/7/2010 23:24 End Cal Date: 4/8/2010 4:51

Dilution Factor	Extract Volume	Sample Volume	Sample Weight
1X	10 mL	0 mL	30 g

Matrix: SOIL SubList: PCBS6268.sub SpikeList:
Samp. Info: LOM101AA 0118266 MB;0;;;30;10
Misc. Info: 2;PCBS6268.sub;;0;

Column1 DB-1701 30mX320umX1000nm

Compound Name	RT	Diff	Response	Conc (ug/Kg)	Flag
TCX	3.72	0.014	1937711260	12.0600	
DCB	17.45	0.054	1326405432	11.7900	
Aroclor 1016-Totals					
Aroclor 1260-Totals					
Aroclor 1221-Total					
Aroclor 1232-Totals					
Aroclor 1242-Totals					
Aroclor 1248-Totals					
Aroclor 1254-Totals					
Aroclor 1262-Totals					
Aroclor 1268-Totals					

ND

Surrogates:	Spiked	Recovered	% Rec	Limits
TCX	13.3330	12.0600	90 ✓	(47-134)
DCB	13.3330	11.7900	88 ✓	(53-136)

VN 4/28/10

Notes: M = Manually Integrated
D = Operator Disabled Result
O = Over Calibration Range

TestAmerica West Sacramento

8082, TO-4, TO-4A, TO-10, and TO-10A

Data file : \\Terastation\share\GCdata\GC66B.I\042810.B\0428-015.D
 Lab Smp Id: L0M101AA 0118266 M
 Inj Date : 28-APR-2010 18:21
 Operator : VN Inst ID: GC66B.i
 Smp Info : L0M101AA 0118266 MB;0;;;30;10
 Misc Info : 2;PCBS6268.sub;;0;
 Comment : PCBs by GC-ECD
 Method : \\Terastation\share\GCdata\GC66B.I\042810.B\8082.m
 Meth Date : 28-Apr-2010 12:43 rustic Quant Type: AREA%
 Cal Date : 07-APR-2010 23:50 Cal File: 0407-006.D
 Als bottle: 49
 Dil Factor: 1.00000
 Integrator: HP Genie Compound Sublist: PCBS6268.sub
 Target Version: 4.14
 Processing Host: SACP307P

Concentration Formula: Amt * DF * Uf * Vt/ Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	10.000	Volume of final extract (mL)
Ws	30.000	Weight of sample extracted (g)
Cpnd Variable		Local Compound Variable

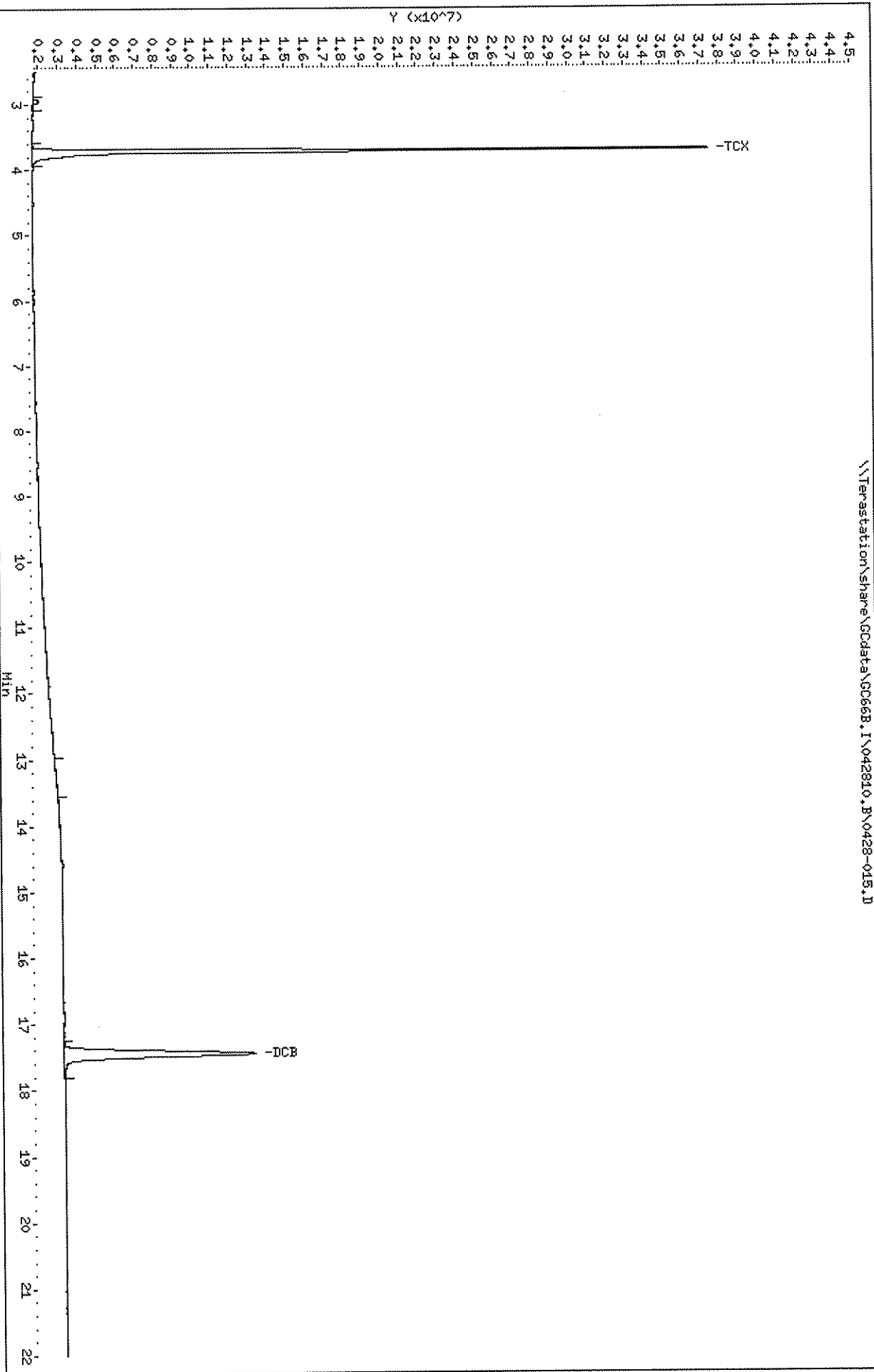
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
2.947	26470431	319639	0.012	0.80	
3.716	1937711260	35823644	0.018	58.58	\$ 13 TCX
13.538	17556777	57225	0.003	0.53	
17.451	1326405433	10132190	0.008	40.09	\$ 34 DCB
	3308143902	46332698		100.000	

Total unknown % area = 1.330

Data File: \\Terastation\share\GCdata\GC66B.I\042810.B\0428-015.D
Date: 28-APR-2010 18:21
Client ID:
Sample Info: L0H101A9 0118266 HB3077330710
Volume Injected (ul): 2.0
Column phase: DB-1701

Instrument: GC66B.1
Operator: VN
Column diameter: 0.53

\\Terastation\share\GCdata\GC66B.I\042810.B\0428-015.D



Chromatography Summary
Method 8082 Target Analyte Results

Injection Date: 4/28/2010 18:51 Operator: VN
 DataFile: GC66B.I042810.B\0428-016.D Vial Num: 50
 Instrument ID: GC66B

Sample : **LOM101AC 0118266 LCS**

Method File: GC66B.I042810.B\8082.M
 Start Cal Date: 4/7/2010 23:24 End Cal Date: 4/8/2010 4:51

Matrix: SOIL SubList: 1660SOIL.sub SpikeList: SOIL.spk
 Samp. Info: LOM101AC 0118266 LCS;3;LCS;;;30;10
 Misc. Info: 2;PCBS6268.sub;;0;

Dilution Factor	Extract Volume	Sample Volume	Sample Weight
1X	10 mL	0 mL	30 g

DB-1701

Compound Name	RT	Response	Conc (ug/Kg)	Spike Level	% R	Result	Flag	Limits(%)
TCX	3.72	1828337591	11.3800	13.333	85%	Acceptable		(47-134)
DCB	17.45	1306943455	11.6100	13.333	87%	Acceptable		(53-136)
Aroclor 1016-Totals	1.00	1143591613	61.4000	66.667	92%	Acceptable		(68-126)
Aroclor 1260-Totals	1.00	1709048074	60.1500	66.667	90%	Acceptable	✓	(65-131)

Surrogates:	Spiked	Recovered	% Rec	Limits
TCX	13.3330	11.3800	85	(47-134)
DCB	13.3330	11.6100	87	(53-136)

MAN=1/6/10

Notes: M = Manually Integrated
 D = Operator Disabled Result
 O = Over Calibration Range

TestAmerica West Sacramento

8082, TO-4, TO-4A, TO-10, and TO-10A

Data file : \\Terastation\share\GCdata\GC66B.I\042810.B\0428-016.D
 Lab Smp Id: L0M101AC 0118266 L
 Inj Date : 28-APR-2010 18:51
 Operator : VN Inst ID: GC66B.i
 Smp Info : L0M101AC 0118266 LCS;3;LCS;;;30;10
 Misc Info : 2;1660SOIL.sub;;0;
 Comment : PCBs by GC-ECD
 Method : \\Terastation\share\GCdata\GC66B.I\042810.B\8082.m
 Meth Date : 28-Apr-2010 12:43 rustic Quant Type: AREA%
 Cal Date : 07-APR-2010 23:50 Cal File: 0407-006.D
 Als bottle: 50 QC Sample: LCS
 Dil Factor: 1.00000
 Integrator: HP Genie Compound Sublist: 1660SOIL.sub
 Target Version: 4.14
 Processing Host: SACP307VN

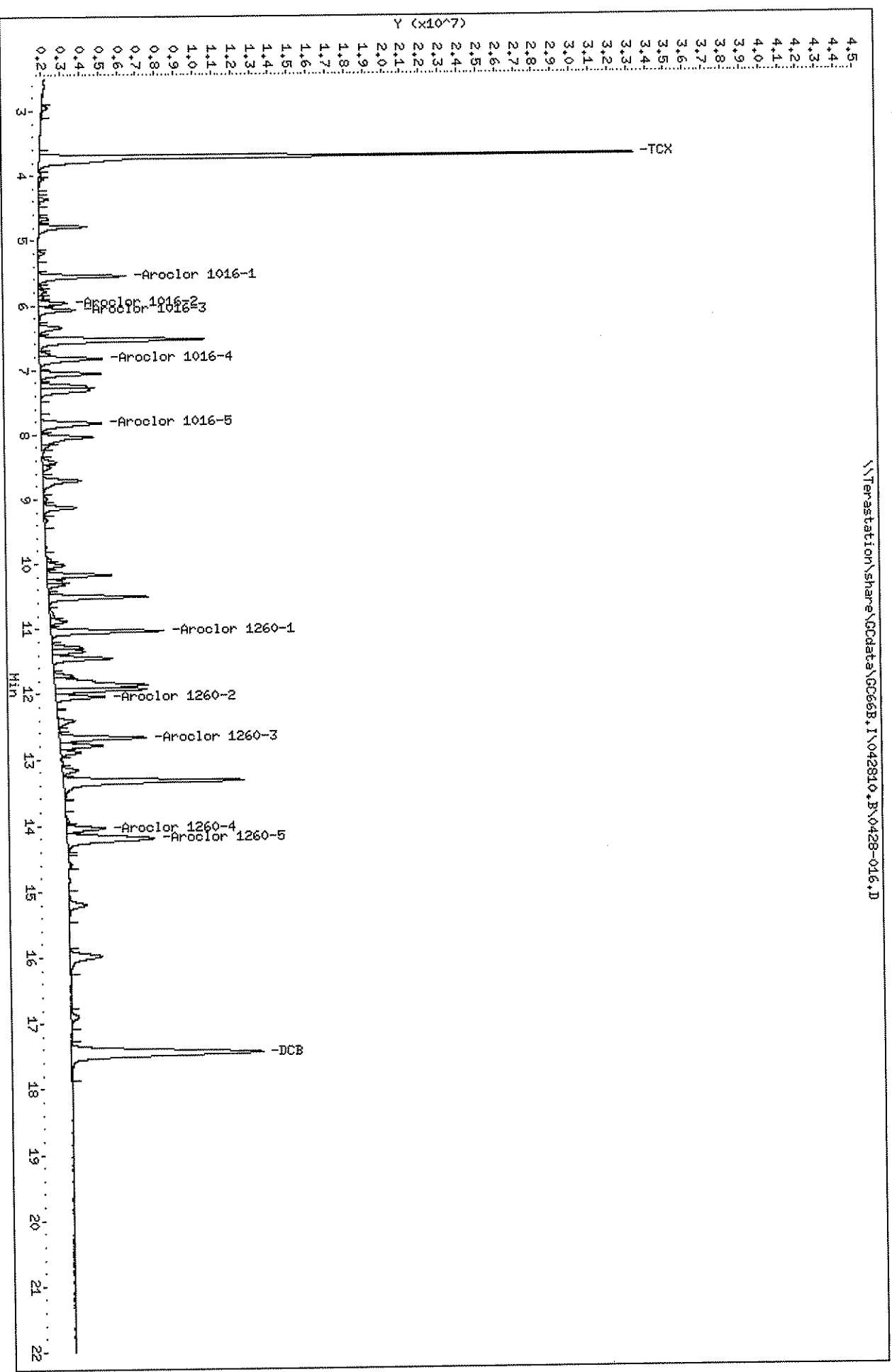
Concentration Formula: Amt * DF * Uf * Vt/ Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	10.000	Volume of final extract (mL)
Ws	30.000	Weight of sample extracted (g)
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
1.000	1143591613	14523584	0.013	9.19	M 190 Aroclor 1016-Totals
5.555	329975770	4635991	0.014		191 Aroclor 1016-1
5.968	100328346	1489650	0.015		192 Aroclor 1016-2
6.073	142045617	1931745	0.014		193 Aroclor 1016-3
6.827	271900483	3292021	0.012		194 Aroclor 1016-4
7.826	299341397	3174177	0.011		195 Aroclor 1016-5
1.000	1709048074	19736127	0.012	13.74	M 196 Aroclor 1260-Totals
11.038	440748656	5972333	0.014		197 Aroclor 1260-1
12.044	196414438	2570136	0.013		198 Aroclor 1260-2
12.672	347452160	4574983	0.013		199 Aroclor 1260-3
14.041	163385700	2034848	0.012		200 Aroclor 1260-4
14.197	561047120	4583827	0.008		201 Aroclor 1260-5
2.954	27210396	326577	0.012	0.21	
3.716	1828337591	31468938	0.017	14.96	\$ 13 TCX
4.050	18475460	258113	0.014	0.14	
4.358	32020348	489735	0.015	0.25	
4.662	35078962	566766	0.016	0.28	
4.785	181361556	2571981	0.014	1.45	
5.194	22405679	341413	0.015	0.18	
5.723	12107630	198314	0.016	0.09	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
5.788	25951905	396592	0.015	0.20	
5.877	18567380	287199	0.015	0.14	
6.344	99279937	1214096	0.012	0.79	
6.538	693611543	8683644	0.013	5.57	
6.749	31869102	529593	0.017	0.25	
7.059	228246811	3184507	0.014	1.83	
7.253	148142731	2459221	0.017	1.19	
7.308	277094569	2611521	0.009	2.22	
8.040	242432666	2703570	0.011	1.94	
8.158	28794096	438409	0.015	0.23	
8.419	53425252	724295	0.014	0.42	
8.502	33264600	423142	0.013	0.26	
8.709	183487850	1995355	0.011	1.47	
8.988	14365277	205126	0.014	0.11	
9.127	125715601	1736342	0.014	1.01	
9.321	14170869	145023	0.010	0.11	
9.936	15464569	246812	0.016	0.12	
10.014	69965150	932098	0.013	0.56	
10.172	242136866	3358113	0.014	1.94	
10.264	44270766	766403	0.017	0.35	
10.316	66172310	927249	0.014	0.53	
10.511	375954597	5258009	0.014	3.02	
10.812	29355443	272266	0.009	0.23	
10.884	65700383	858644	0.013	0.52	
11.288	108668820	1600125	0.015	0.87	
11.348	124294349	1738345	0.014	0.99	
11.456	236007463	3138157	0.013	1.89	
11.719	66971159	1013992	0.015	0.53	
11.863	499958183	4921707	0.010	4.01	
11.931	355744930	4853132	0.014	2.86	
12.409	80075028	875389	0.011	0.64	
12.792	166746826	2229329	0.013	1.34	
12.895	75968501	1043559	0.014	0.61	
13.167	70531381	859198	0.012	0.56	
13.337	826441059	9559615	0.012	6.64	
13.926	10490237	150217	0.014	0.08	
14.586	10108240	149562	0.015	0.08	
15.201	100194594	900764	0.009	0.80	
15.980	213375192	1704234	0.008	1.71	
16.894	48696751	398356	0.008	0.39	
17.448	1306943456	10110919	0.008	10.50	\$ 34 DCB
=====	=====	=====	=====	=====	
	12438293755	156085377		100.000	

Total unknown % area = 51.61



Chromatography Summary
Method 8082 Target Analyte Results

Injection Date: 4/28/2010 19:21 Operator: VN
 DataFile: GC66B.I\042810.B\0428-017.D Vial Num: 51
 Instrument ID: GC66B

Sample: **L0MR71AC 0118266 D280454-2**

Method File: GC66B.I\042810.B\8082.M
 Start Cal Date: 4/7/2010 23:24 End Cal Date: 4/8/2010 4:51

Matrix: SOIL SubList: PCBS6268.sub SpikeList:
 Samp. Info: L0MR71AC 0118266 D280454-2;0;;;29.96;10
 Misc. Info: 2;PCBS6268.sub;0;

Dilution Factor	Extract Volume	Sample Volume	Sample Weight
1X	10 mL	0 mL	29.96 g

Column1 DB-1701 30mX320umX1000nm

Compound Name	RT	Diff	Response	Conc (ug/Kg)	Flag
TCX	3.71	0.012	1737109526	10.8200	
DCB	17.45	0.048	1234469811	10.9800	
Aroclor 1016-Totals	1.00	0.000	2337579482	125.7000	ND
Aroclor 1260-Totals					
Aroclor 1221-Total					
Aroclor 1232-Totals					
Aroclor 1242-Totals					
Aroclor 1248-Totals	1.00	0.000	243442677	11.9000	ND
Aroclor 1254-Totals	1.00	0.000	731159539	24.8200	ND
Aroclor 1262-Totals					
Aroclor 1268-Totals					

NO Aroclor Patterns

Surrogates:	Spiked	Recovered	% Rec	Limits
TCX	13.3508	10.8200	81 ✓	(47-134)
DCB	13.3508	10.9800	82 ✓	(53-136)

VMN 4/28/10

Notes: M = Manually Integrated
 D = Operator Disabled Result
 O = Over Calibration Range

TestAmerica West Sacramento

8082, TO-4, TO-4A, TO-10, and TO-10A

Data file : \\Terastation\share\GCdata\GC66B.I\042810.B\0428-017.D
 Lab Smp Id: L0MR71AC 0118266 D2
 Inj Date : 28-APR-2010 19:21
 Operator : VN Inst ID: GC66B.i
 Smp Info : L0MR71AC 0118266 D280454-2;0;;;29.96;10
 Misc Info : 2;PCBS6268.sub;;0;
 Comment : PCBs by GC-ECD
 Method : \\Terastation\share\GCdata\GC66B.I\042810.B\8082.m
 Meth Date : 28-Apr-2010 20:24 nihartv Quant Type: AREA%
 Cal Date : 07-APR-2010 23:50 Cal File: 0407-006.D
 Als bottle: 51
 Dil Factor: 1.00000
 Integrator: HP Genie Compound Sublist: PCBS6268.sub
 Target Version: 4.14
 Processing Host: SACP307VN

Concentration Formula: Amt * DF * Uf * Vt/ Ws * CpndVariable

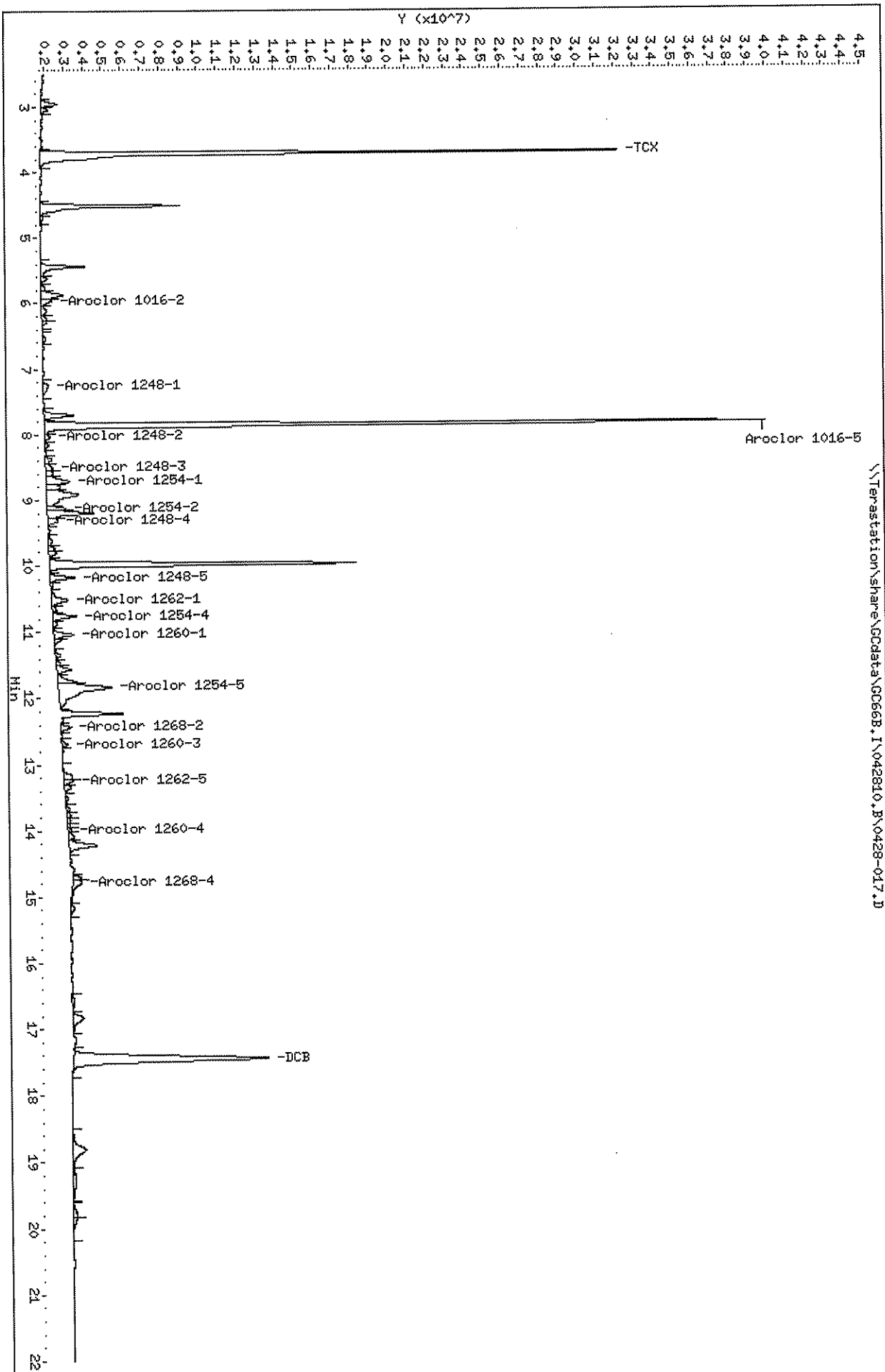
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	10.000	Volume of final extract (mL)
Ws	29.960	Weight of sample extracted (g)
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
1.000	2337579482	38533040	0.016	22.43	M 190 Aroclor 1016-Totals
5.961	41774678	517280	0.012		192 Aroclor 1016-2
7.855	2295804804	38015760	0.017		195 Aroclor 1016-5
1.000	114279948	1510846	0.013	1.08	M 196 Aroclor 1260-Totals
11.036	79216251	1057816	0.013		197 Aroclor 1260-1
12.690	23438636	294484	0.013		199 Aroclor 1260-3
13.980	11625061	158546	0.014		200 Aroclor 1260-4
1.000	243442677	2758245	0.011	2.30	M 218 Aroclor 1248-Totals
7.247	41014827	313884	0.008		219 Aroclor 1248-1
8.035	23909687	269570	0.011		220 Aroclor 1248-2
8.500	37348650	367418	0.010		221 Aroclor 1248-3
9.315	52133445	535755	0.010		222 Aroclor 1248-4
10.176	89036068	1271618	0.014		223 Aroclor 1248-5
1.000	731159539	6225228	0.009	6.92	M 224 Aroclor 1254-Totals
8.712	121037712	1206110	0.010		225 Aroclor 1254-1
9.129	66652828	985975	0.015		226 Aroclor 1254-2
10.759	92236240	1235681	0.013		228 Aroclor 1254-4

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
11.836	451232759	2797462	0.006		229 Aroclor 1254-5
1.000	128939116	1337012	0.010	1.22	M 230 Aroclor 1262-Totals
10.514	93489040	847134	0.009		231 Aroclor 1262-1
13.237	35450076	489878	0.014		235 Aroclor 1262-5
1.000	100074105	980508	0.010	0.94	M 236 Aroclor 1268-Totals
12.436	37490184	515971	0.014		238 Aroclor 1268-2
14.780	62583921	464537	0.007		240 Aroclor 1268-4
2.956	60227667	882097	0.015	0.57	
3.042	23886506	397255	0.017	0.22	
3.714	1737109526	30476617	0.018	16.46	\$ 13 TCX
4.513	470886161	7308432	0.016	4.46	
4.690	13878969	161053	0.012	0.13	
5.438	154702597	2308200	0.015	1.46	
5.620	26207245	305900	0.012	0.24	
5.774	18810615	221046	0.012	0.17	
5.872	109752174	1165175	0.011	1.04	
6.119	31061497	272072	0.009	0.29	
6.239	17176412	247611	0.014	0.16	
6.279	18658086	259109	0.014	0.17	
6.541	20404910	195816	0.010	0.19	
7.700	118937171	1587310	0.013	1.12	
8.159	16165528	196127	0.012	0.15	
8.379	27205304	332679	0.012	0.25	
8.590	38379771	381243	0.010	0.36	
8.791	58665785	729231	0.012	0.55	
8.916	262815938	1680357	0.006	2.49	
9.199	184227741	2430200	0.013	1.74	
9.630	22521002	231986	0.010	0.21	
9.735	24914219	349577	0.014	0.23	
9.799	35986531	426283	0.012	0.34	
9.980	1104417106	16131225	0.015	10.46	
10.305	10279434	110279	0.011	0.09	
10.666	18944214	237744	0.013	0.17	
10.875	17184942	225707	0.013	0.16	
11.117	25439470	349831	0.014	0.24	
11.351	21739598	284103	0.013	0.20	
11.465	15161240	239073	0.016	0.14	
11.563	67652010	730661	0.011	0.64	
11.760	81933319	1026985	0.013	0.77	
13.177	48497931	492113	0.010	0.45	
13.336	34790231	381098	0.011	0.32	
13.521	16609312	135423	0.008	0.15	
13.673	19503717	224277	0.011	0.18	
13.769	18973620	209096	0.011	0.17	
13.835	14777309	184414	0.012	0.14	
13.903	12114290	154014	0.013	0.11	
14.084	30863620	315436	0.010	0.29	
14.217	146223612	1437096	0.010	1.38	
14.707	34178539	445505	0.013	0.32	
15.170	20592743	209544	0.010	0.19	
16.569	24455364	135417	0.006	0.23	
16.829	90331790	572953	0.006	0.85	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
17.445	1234469811	10233345	0.008	11.69	\$ 34 DCB
18.811	156036756	705711	0.005	1.47	
19.306	63978677	179473	0.003	0.60	
19.804	34714226	227235	0.007	0.32	
19.820	40191507	228787	0.006	0.38	
	10552110620	139696800		100.000	

Total unknown % area = 36.96



Chromatography Summary
Method 8082 Target Analyte Results

Injection Date: 4/28/2010 19:52 Operator: VN
 DataFile: GC66B.I\042810.B\0428-018.D Vial Num: 52
 Instrument ID: GC66B

Sample : **L0MR71AD 0118266 D280454-2S**

Method File: GC66B.I\042810.B\8082.M
 Start Cal Date: 4/7/2010 23:24 End Cal Date: 4/8/2010 4:51

Matrix: SOIL SubList: 1660SOIL.sub SpikeList: SOIL.spk
 Samp. Info: L0MR71AD 0118266 D280454-2S;3;MS;;;30.15;10
 Misc. Info: 2;1660SOIL.sub;SOIL.spk;1;1;

Dilution Factor	Extract Volume	Sample Volume	Sample Weight
1X	10 mL	0 mL	30.15 g

DB-1701

Compound Name	RT	Response	Conc (ug/Kg)	Spike Level	% R	Result	Flag	Limits(%)
TCX	3.71	1824888847	11.3000	13.266667	85%	Acceptable		(47-134)
DCB	17.44	1397748905	12.3600	13.266667	93%	Acceptable		(53-136)
Aroclor 1016-Totals	1.00	3744728314	200.0000	66.335323	301%	Fails		(68-126)
Aroclor 1260-Totals	1.00	2130370866	74.6100	66.335323	112%	Acceptable		(65-131)

Surrogates:	Spiked	Recovered	% Rec	Limits
TCX	13.2667	11.3000	85	(47-134)
DCB	13.2667	12.3600	93	(53-136)

Notes: M = Manually Integrated
 D = Operator Disabled Result
 O = Over Calibration Range

VMM 4/28/10

TestAmerica West Sacramento

8082, TO-4, TO-4A, TO-10, and TO-10A

Data file : \\Terastation\share\GCdata\GC66B.I\042810.B\0428-018.D
 Lab Smp Id: LOMR71AD 0118266 D2
 Inj Date : 28-APR-2010 19:52
 Operator : VN
 Smp Info : LOMR71AD 0118266 D280454-2S;3;MS;;;30.15;10
 Misc Info : 2;1660SOIL.sub;SOIL.spk;1;1;
 Comment : PCBs by GC-ECD
 Method : \\Terastation\share\GCdata\GC66B.I\042810.B\8082.m
 Meth Date : 28-Apr-2010 20:24 nihartv Quant Type: AREA%
 Cal Date : 07-APR-2010 23:50 Cal File: 0407-006.D
 Als bottle: 52 QC Sample: MS
 Dil Factor: 1.00000
 Integrator: HP Genie Compound Sublist: 1660SOIL.sub
 Target Version: 4.14
 Processing Host: SACP307VN

Concentration Formula: Amt * DF * Uf * Vt/ Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	10.000	Volume of final extract (mL)
Ws	30.150	Weight of sample extracted (g)
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
1.000	3744728314	54031592	0.014	18.17	M 190 Aroclor 1016-Totals
5.554	377191959	4953649	0.013		191 Aroclor 1016-1
5.966	146176802	2065340	0.014		192 Aroclor 1016-2
6.073	175081138	2141741	0.012		193 Aroclor 1016-3
6.826	288418561	3618035	0.013		194 Aroclor 1016-4
7.856	2757859854	41252827	0.015		195 Aroclor 1016-5
1.000	2130370866	24786485	0.012	10.13	M 196 Aroclor 1260-Totals
11.038	586770253	8028892	0.014		197 Aroclor 1260-1
12.043	254927035	3185031	0.012		198 Aroclor 1260-2
12.672	407086815	5331142	0.013		199 Aroclor 1260-3
14.040	203746899	2465394	0.012		200 Aroclor 1260-4
14.198	677839864	5776026	0.009		201 Aroclor 1260-5
2.956	80703413	1316660	0.016	0.38	
3.043	28368790	448606	0.016	0.13	
3.175	55652585	752196	0.014	0.26	
3.304	22667999	226883	0.010	0.10	
3.714	1824888847	31769370	0.017	8.67	\$ 13 TCX
4.047	18990473	291444	0.015	0.09	
4.357	39705523	527304	0.013	0.18	
4.513	542451223	8385720	0.015	2.57	

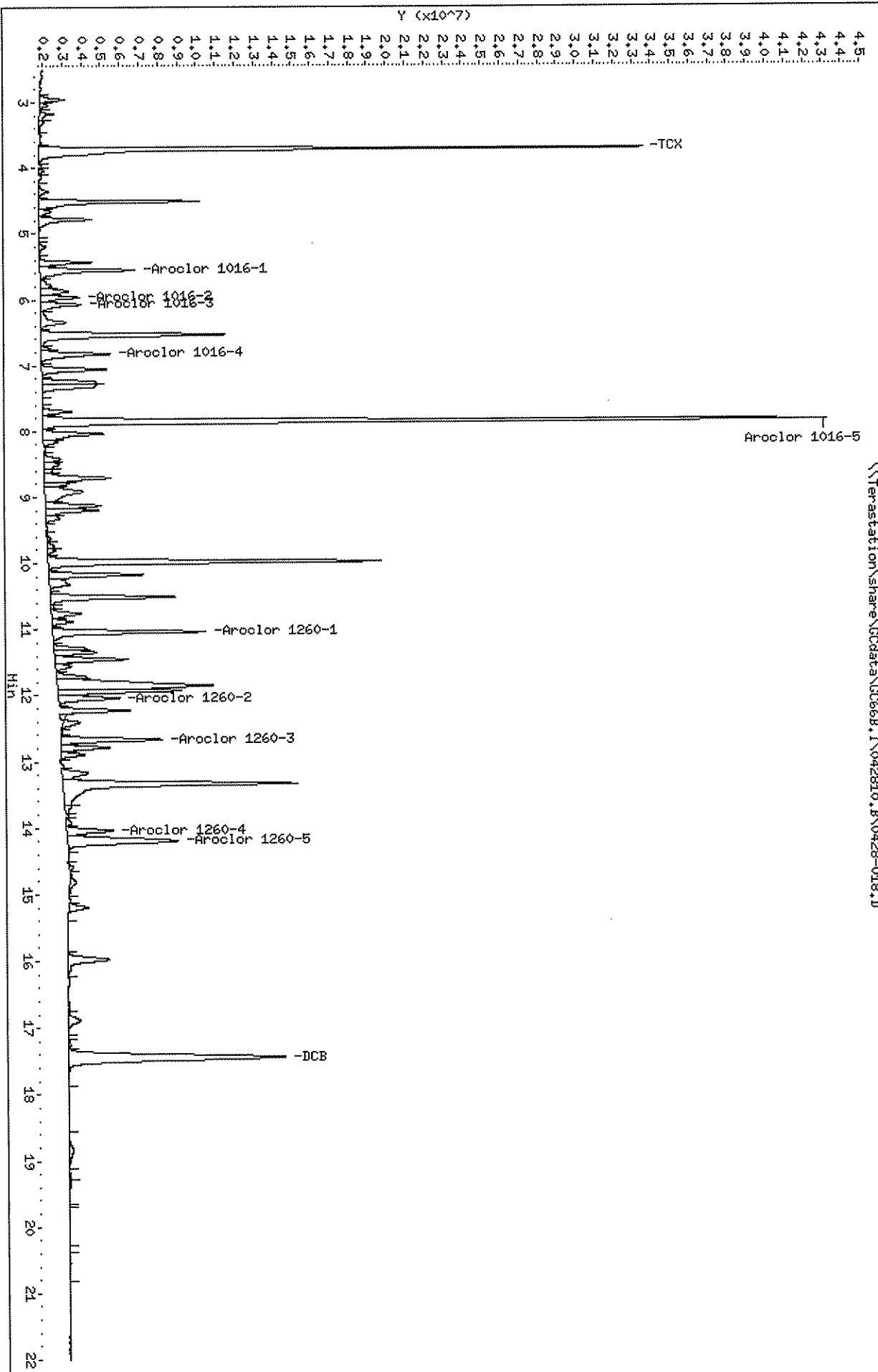
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
4.662	50147037	656905	0.013	0.23	
4.785	192894072	2721891	0.014	0.91	
5.194	24305088	353214	0.015	0.11	
5.438	164199983	2706174	0.016	0.78	
5.786	58201963	593694	0.010	0.27	
5.872	126046410	1495393	0.012	0.59	
6.343	141396618	1336765	0.009	0.67	
6.537	750048408	9599322	0.013	3.56	
6.749	30887279	525875	0.017	0.14	
7.058	242206068	3401986	0.014	1.15	
7.256	184193967	2861766	0.016	0.87	
7.293	287132508	2887253	0.010	1.36	
7.701	105965146	1510547	0.014	0.50	
8.039	275705317	3143718	0.011	1.31	
8.159	54823952	743586	0.014	0.26	
8.420	69813735	877534	0.013	0.33	
8.501	75205216	812455	0.011	0.35	
8.581	27591528	412000	0.015	0.13	
8.710	306785340	3422412	0.011	1.45	
8.785	91563576	1250695	0.014	0.43	
8.914	304045374	1981873	0.007	1.44	
9.127	211054305	2911648	0.014	1.00	
9.197	198596902	2746275	0.014	0.94	
9.317	70704594	766374	0.011	0.33	
9.624	18564443	231102	0.012	0.08	
9.734	28923185	397091	0.014	0.13	
9.801	31745396	415869	0.013	0.15	
9.979	1289293215	17516126	0.014	6.13	
10.170	350146192	4918556	0.014	1.66	
10.313	122762194	1055050	0.009	0.58	
10.509	480934214	6567029	0.014	2.28	
10.665	13827615	178133	0.013	0.06	
10.758	132448854	1578950	0.012	0.62	
10.881	77338293	1098162	0.014	0.36	
11.284	111347457	1696528	0.015	0.52	
11.346	158944664	2240799	0.014	0.75	
11.454	278973107	3813806	0.014	1.32	
11.559	66696297	821658	0.012	0.31	
11.718	116170632	1588125	0.014	0.55	
11.858	919561950	8167197	0.009	4.37	
11.930	474190650	6432983	0.014	2.25	
12.409	55235452	900603	0.016	0.26	
12.788	188691180	2584481	0.014	0.89	
12.893	88263014	1244773	0.014	0.41	
13.172	148138995	1363979	0.009	0.70	
13.335	1243673336	12290211	0.010	5.91	
13.670	38219201	329803	0.009	0.18	
13.920	27472484	297207	0.011	0.13	
14.589	15637366	215528	0.014	0.07	
14.816	54737046	315706	0.006	0.26	
15.197	98221488	1082342	0.011	0.46	
15.977	239742662	2148413	0.009	1.14	
16.887	80502424	619922	0.008	0.38	
17.246	10770672	97160	0.009	0.05	
17.443	1397748905	11379278	0.008	6.64	\$ 34 DCB
18.844	66144529	251207	0.004	0.31	
19.254	12495228	76238	0.006	0.05	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
19.304	20583152	79578	0.004	0.09	
19.879	18075257	49757	0.003	0.08	
20.549	18365894	62434	0.003	0.08	
	21026629069	266361399		100.000	

Total unknown % area = 56.39

Data File: \\Terastation\share\GCdata\GC66B.I\042810.B\0428-018.D
 Date: 28-APR-2010 19:52
 Client ID:
 Sample Info: L0HR71AD 0118266 D280454-2S;3;MS;130.15;10
 Volume Injected (ul): 2.0
 Column phase: DB-1701

Instrument: GC66B.1
 Operator: VJH
 Column diameter: 0.53



Chromatography Summary
Method 8082 Target Analyte Results

Injection Date: 4/28/2010 20:22 Operator: VN
 DataFile: GC66B.N042810.B\0428-019.D Vial Num: 53
 Instrument ID: GC66B

Sample : **L0MR71AE 0118266 D280454-2D**

Method File: GC66B.N042810.B\8082.M
 Start Cal Date: 4/7/2010 23:24 End Cal Date: 4/8/2010 4:51

Matrix: SOIL SubList: 1660SOIL.sub SpikeList: SOIL.spk
 Samp. Info: L0MR71AE 0118266 D280454-2D;3;MS;;;30.35;10
 Misc. Info: 2;1660SOIL.sub;SOIL.spk;1;1;

Dilution Factor	Extract Volume	Sample Volume	Sample Weight
1X	10 mL	0 mL	30.35 g

DB-1701

Compound Name	RT	Response	Conc (ug/Kg)	Spike Level	% R	Result	Flag	Limits(%)
TCX	3.71	1904816236	11.7200	13.179242	89%	Acceptable		(47-134)
DCB	17.44	1394164703	12.2400	13.179242	93%	Acceptable		(53-136)
Aroclor 1016-Totals	1.00	3732169837	198.1000	65.898188	301%	Fails		(68-126)
Aroclor 1260-Totals	1.00	2103943999	73.2000	65.898188	111%	Acceptable		(65-131)

Surrogates:	Spiked	Recovered	% Rec	Limits
TCX	13.1792	11.7200	89 ✓	(47-134)
DCB	13.1792	12.2400	93 ✓	(53-136)

VUN 4/28/10

Notes: M = Manually Integrated
 D = Operator Disabled Result
 O = Over Calibration Range

TestAmerica West Sacramento

8082, TO-4, TO-4A, TO-10, and TO-10A

Data file : \\Terastation\share\GCdata\GC66B.I\042810.B\0428-019.D
 Lab Smp Id: LOMR71AE 0118266 D2
 Inj Date : 28-APR-2010 20:22
 Operator : VN Inst ID: GC66B.i
 Smp Info : LOMR71AE 0118266 D280454-2D;3;MS;;;30.35;10
 Misc Info : 2;1660SOIL.sub;SOIL.spk;1;1;
 Comment : PCBs by GC-ECD
 Method : \\Terastation\share\GCdata\GC66B.I\042810.B\8082.m
 Meth Date : 28-Apr-2010 20:24 nihartv Quant Type: AREA%
 Cal Date : 07-APR-2010 23:50 Cal File: 0407-006.D
 Als bottle: 53 QC Sample: MS
 Dil Factor: 1.00000
 Integrator: HP Genie Compound Sublist: 1660SOIL.sub
 Target Version: 4.14
 Processing Host: SACP307P

Concentration Formula: Amt * DF * Uf * Vt/ Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	10.000	Volume of final extract (mL)
Ws	30.350	Weight of sample extracted (g)
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
1.000	3732169837	53023486	0.014	17.63	M 190 Aroclor 1016-Totals
5.554	375934245	4761496	0.013		191 Aroclor 1016-1
5.966	143396348	1972186	0.014		192 Aroclor 1016-2
6.075	170838441	2103571	0.012		193 Aroclor 1016-3
6.826	285032857	3472692	0.012		194 Aroclor 1016-4
7.856	2756967946	40713541	0.015		195 Aroclor 1016-5
1.000	2103943999	23887882	0.011	9.73	M 196 Aroclor 1260-Totals
11.037	560044348	7205102	0.013		197 Aroclor 1260-1
12.043	242582863	2988251	0.012		198 Aroclor 1260-2
12.669	390665239	5277111	0.014		199 Aroclor 1260-3
14.040	204833938	2423155	0.012		200 Aroclor 1260-4
14.201	705817611	5994263	0.008		201 Aroclor 1260-5
2.956	66082337	1002815	0.015	0.30	
3.045	39099736	620773	0.016	0.18	
3.117	11175309	145262	0.013	0.05	
3.310	11846970	171336	0.014	0.05	
3.714	1904816237	32304445	0.017	8.80	\$ 13 TCX
4.048	20431842	301051	0.015	0.09	
4.358	38874005	524918	0.014	0.17	
4.514	531844398	8191444	0.015	2.45	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
4.663	54713188	670845	0.012	0.25	
4.785	196624277	2712207	0.014	0.90	
5.194	24417928	349276	0.014	0.11	
5.438	168145151	2619200	0.016	0.77	
5.785	56101811	569987	0.010	0.25	
5.871	115148526	1347559	0.012	0.53	
6.345	137588055	1298376	0.009	0.63	
6.537	746974026	9336360	0.012	3.45	
6.749	31227853	522158	0.017	0.14	
7.058	241081897	3329532	0.014	1.11	
7.250	180258301	2837139	0.016	0.83	
7.304	279922162	2796299	0.010	1.29	
7.701	103149391	1486348	0.014	0.47	
8.040	270294818	3042904	0.011	1.25	
8.158	53315781	740986	0.014	0.24	
8.418	80884253	867164	0.011	0.37	
8.500	62964536	736399	0.012	0.29	
8.575	31063062	391724	0.013	0.14	
8.709	370843496	3237779	0.009	1.71	
8.920	262862981	1642816	0.006	1.21	
9.126	192966815	2717607	0.014	0.89	
9.198	228620655	3070843	0.013	1.05	
9.317	63539575	692593	0.011	0.29	
9.628	24788282	282334	0.011	0.11	
9.733	25987023	377009	0.015	0.12	
9.819	62494066	679566	0.011	0.28	
9.980	2072089426	30402401	0.015	9.58	
10.171	335532178	4632938	0.014	1.55	
10.312	121726950	1041877	0.009	0.56	
10.510	472862471	6131835	0.013	2.18	
10.667	16561548	227163	0.014	0.07	
10.758	121969948	1418567	0.012	0.56	
10.881	83531208	1112605	0.013	0.38	
11.288	110266734	1690274	0.015	0.50	
11.346	150382406	2092434	0.014	0.69	
11.454	268879315	3816703	0.014	1.24	
11.559	71094122	892731	0.013	0.32	
11.723	111945642	1550060	0.014	0.51	
11.860	887796222	7840493	0.009	4.10	
11.932	448229206	6089839	0.014	2.07	
12.413	69781390	1004540	0.014	0.32	
12.789	180994706	2470978	0.014	0.83	
12.892	85496017	1215845	0.014	0.39	
13.165	139970882	1391388	0.010	0.64	
13.333	923992543	11741388	0.013	4.27	
13.454	69302827	520975	0.008	0.32	
13.675	67059667	545525	0.008	0.31	
13.811	14826368	187047	0.013	0.06	
13.914	37496998	393596	0.010	0.17	
14.588	14780473	206682	0.014	0.06	
14.712	23661075	316112	0.013	0.10	
14.800	55713591	399532	0.007	0.25	
15.197	102642137	1080818	0.011	0.47	
15.975	225216758	2122552	0.009	1.04	
16.302	22661528	193450	0.009	0.10	
16.703	22170306	112487	0.005	0.10	
16.878	115145694	715725	0.006	0.53	

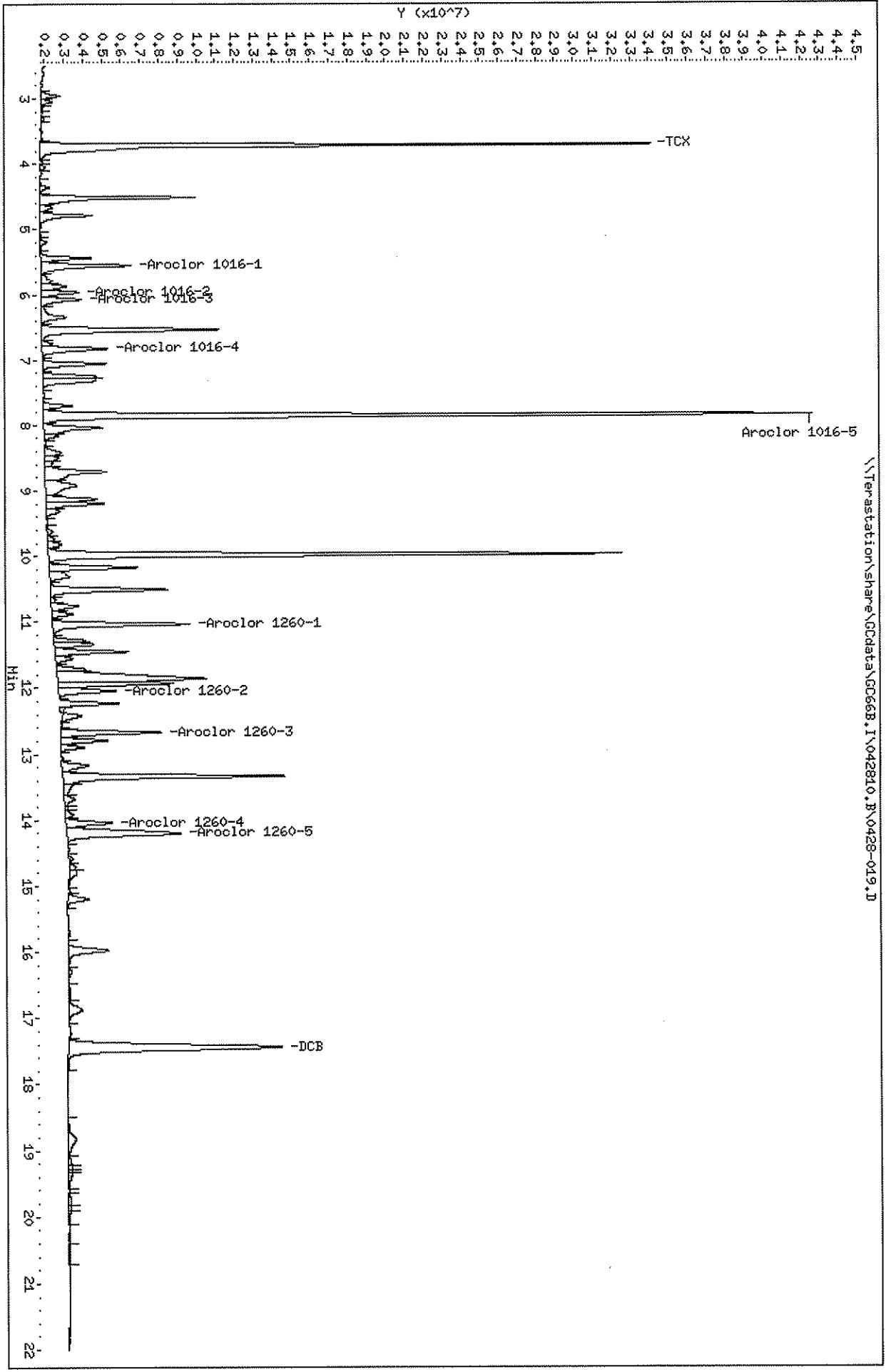
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
17.442	1394164703	11262690	0.008	6.44	\$ 34 DCB
18.827	104092560	402971	0.004	0.48	
19.202	20382816	177194	0.009	0.09	
19.269	14898740	194131	0.013	0.06	
19.297	11406188	203056	0.018	0.05	
19.328	35103854	204102	0.006	0.16	
19.799	23966926	140067	0.006	0.11	
19.845	12600055	146685	0.012	0.05	
19.900	15708870	128272	0.008	0.07	
20.537	19600327	68909	0.004	0.09	
	21621967955	275015059		100.000	

Total unknown % area = 57.40

Data File: \\Terastation\share\GCdata\GC66B.I\042810.B\0428-019.D
 Date: 28-APR-2010 20:22
 Client ID:
 Sample Info: L0HR71AE 0118266 D280454-2D;3;NS;130.35;10
 Volume Injected (uL): 2.0
 Column phase: DB-1701

Instrument: GC66B.1
 Operator: VN
 Column diameter: 0.53

\\Terastation\share\GCdata\GC66B.I\042810.B\0428-019.D



Chromatography Summary
Method 8082 Target Analyte Results

Injection Date: 4/28/2010 20:52 Operator: VN
 DataFile: GC66B.I\042810.B\0428-020.D Vial Num: 54
 Instrument ID: GC66B

Sample : **1660_500 09GCSV0494 8082 500PPB**

Method File: GC66B.I\042810.B\8082.M
 Start Cal Date: 4/7/2010 23:24 End Cal Date: 4/8/2010 4:51

Matrix: NONE SubList: 1-1660CAL.SUB SpikeList:
 Samp. Info: 1660_500 09GCSV0494 8082 500PPB;2;;5;;;
 Misc. Info: 3;1-1660CAL.SUB;;;

Dilution Factor	Extract Volume	Sample Volume	Sample Weight
1X	0 mL	0 mL	0 g

DB-1701

Compound Name	RT	Response	PPB	Spike Level	%D	Result	Flag	Limits(%)
TCX	3.72	3851142412	71.8900	70	3%	Acceptable		(±15)
DCB	17.45	2857479766	76.1700	70	9%	Acceptable		(±15)
Aroclor 1016-Totals	1.00	3045985716	490.6000	500	-2%	Acceptable		(±15)
Aroclor 1260-Totals	1.00	4915907159	519.1000	500	4%	Acceptable		(±15)

Notes: M = Manually Integrated
 D = Operator Disabled Result
 O = Over Calibration Range

TestAmerica West Sacramento

8082, TO-4, TO-4A, TO-10, and TO-10A.

Data file : \\Terastation\share\GCdata\GC66B.I\042810.B\0428-020.D
 Lab Smp Id: 1660 500 09GCSV0494
 Inj Date : 28-APR-2010 20:52
 Operator : VN Inst ID: GC66B.i
 Smp Info : 1660 500 09GCSV0494 8082 500PPB;2;;5;;;
 Misc Info : 3;1-1660CAL.SUB;;;
 Comment : PCBs by GC-ECD
 Method : \\Terastation\share\GCdata\GC66B.I\042810.B\8082.m
 Meth Date : 28-Apr-2010 21:19 tap Quant Type: AREA%
 Cal Date : 07-APR-2010 23:50 Cal File: 0407-006.D
 Als bottle: 54 Continuing Calibration Sample
 Dil Factor: 1.00000
 Integrator: HP Genie Compound Sublist: 1-1660CAL.SUB
 Target Version: 4.14
 Processing Host: SACP307P

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
1.000	3045985716	39537157	0.013	9.10	M 190 Aroclor 1016-Totals
5.555	876015801	12803438	0.015		191 Aroclor 1016-1
5.967	268604611	4009235	0.015		192 Aroclor 1016-2
6.071	374524346	5039834	0.013		193 Aroclor 1016-3
6.826	727460315	9132499	0.013		194 Aroclor 1016-4
7.827	799380643	8552151	0.011		195 Aroclor 1016-5
1.000	3045985719	39537157	0.013	9.10	M 190 Aroclor 1016-Totals
5.555	876015801	12803438	0.015		191 Aroclor 1016-1
5.967	268604611	4009235	0.015		192 Aroclor 1016-2
6.071	374524346	5039834	0.013		193 Aroclor 1016-3
6.826	727460315	9132499	0.013		194 Aroclor 1016-4
7.827	799380643	8552151	0.011		195 Aroclor 1016-5
1.000	4915907159	59659407	0.012	5.91	M 196 Aroclor 1260-Totals
11.038	1229023796	17458080	0.014		197 Aroclor 1260-1
12.043	534972648	7479185	0.014		198 Aroclor 1260-2
12.671	1010736387	13834251	0.014		199 Aroclor 1260-3
14.039	474538295	6211029	0.013		200 Aroclor 1260-4
14.200	1666636033	14676862	0.009		201 Aroclor 1260-5
2.602	12722960	218241	0.017	0.03	
2.756	12109776	229413	0.019	0.03	
2.931	94645971	1952501	0.021	0.28	
3.057	34410461	591712	0.017	0.10	
3.715	3851142412	66867975	0.017	11.50	\$ 13 TCX
3.980	17854078	306763	0.017	0.05	
4.050	53729356	726737	0.014	0.16	
4.358	90424315	1353284	0.015	0.27	
4.661	97088961	1539195	0.016	0.29	
4.785	491333692	7026947	0.014	1.46	
5.194	62284476	900985	0.014	0.18	
5.724	33635037	543388	0.016	0.10	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
5.789	71559760	1072110	0.015	0.21	
5.874	53101300	804341	0.015	0.15	
6.207	23677143	257288	0.011	0.07	
6.344	272642211	3354236	0.012	0.81	
6.536	1925048418	25309314	0.013	5.75	
6.750	83670618	1372741	0.016	0.24	
7.058	618811152	8920671	0.014	1.84	
7.303	1115754768	7032338	0.006	3.33	
7.557	36054796	302864	0.008	0.10	
8.039	657345551	7594435	0.012	1.96	
8.160	87527978	1296049	0.015	0.26	
8.254	20591690	282195	0.014	0.06	
8.421	143120561	1964796	0.014	0.42	
8.506	157354841	1978114	0.013	0.47	
8.711	493940072	5347114	0.011	1.47	
8.871	29007666	373971	0.013	0.08	
8.988	42437420	571257	0.013	0.12	
9.124	332807124	4445678	0.013	0.99	
9.322	41076063	434617	0.011	0.12	
9.934	43162738	680032	0.016	0.12	
10.015	183812629	2506683	0.014	0.54	
10.170	633166042	8495768	0.013	1.89	
10.265	111751225	2084169	0.019	0.33	
10.314	185483211	2460597	0.013	0.55	
10.508	1025061029	14343540	0.014	3.06	
10.809	89569662	752100	0.008	0.26	
10.882	183356559	2359092	0.013	0.54	
11.284	284393841	4269463	0.015	0.84	
11.346	350083701	4834116	0.014	1.04	
11.454	655914356	8923613	0.014	1.95	
11.717	189712286	2889041	0.015	0.56	
11.860	1470381593	14442334	0.010	4.39	
11.929	962244919	13330757	0.014	2.87	
12.407	249621017	2697010	0.011	0.74	
12.556	48776612	650364	0.013	0.14	
12.787	469853538	6214633	0.013	1.40	
12.891	221286142	3154997	0.014	0.66	
13.056	13253642	274040	0.021	0.03	
13.166	233725459	2685941	0.011	0.69	
13.334	2554464575	32425168	0.013	7.63	
13.679	94473783	566800	0.006	0.28	
13.917	40548269	520425	0.013	0.12	
14.586	26112523	350858	0.013	0.07	
14.851	66064342	421951	0.006	0.19	
15.099	20956001	305503	0.015	0.06	
15.200	259749256	2696868	0.010	0.77	
15.973	584846678	5526664	0.009	1.74	
16.106	37827377	392342	0.010	0.11	
16.333	57133993	298122	0.005	0.17	
16.890	137187965	1189654	0.009	0.40	
17.445	2857479766	23829697	0.008	8.53	\$ 34 DCB
18.125	58453103	239326	0.004	0.17	
20.366	53421048	178140	0.003	0.15	
===== 33472132391	===== 421157642	===== 100.000			

Total unknown % area = 55.86

Data File: \\Terastation\share\GCdata\GC66B.I\042810.B\0428-020.D
Date: 28-APR-2010 20:52

Client ID:

Sample Info: 1660_500 09GCSI0494 8082 500PPB;2;5;1;1;1

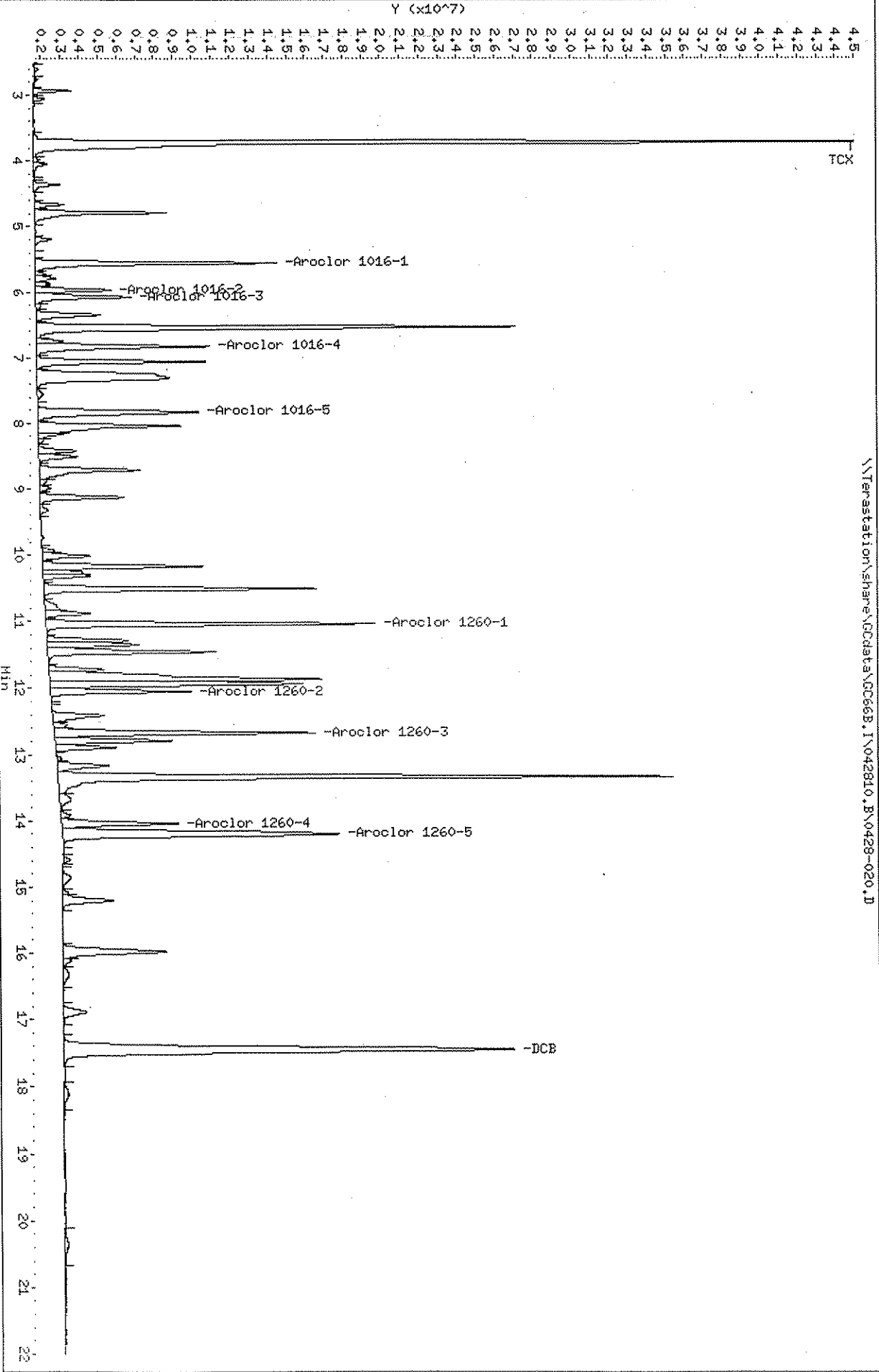
Column phase: DB-1701

Instrument: GC66B.i

Operator: VN

Column diameter: 0.53

\\Terastation\share\GCdata\GC66B.I\042810.B\0428-020.D



Initial Calibration

Includes (as applicable):

runlog

standard raw data

statistical summary

ms tune data

Instrument ID: GC100B ICAL ID: 040710 Method: 8082

Analytes Included in curve (with dates): PHI

A. Included Sections of ICAL	Analyst	Reviewer	N/A
1. ICAL Summary included (for both columns if applicable).	✓	✓	
2. ICAL Runlog included.	✓	✓	
3. ICV included and moved to after summary.	✓	✓	
4. PEM meets requirements and is included for 8081.			✓
5. Alkane Marker included for 8015 TPH.			
6. ICAL Raw Data included for all analytes.	✓	✓	
B. ICAL Summary			
1. All analytes meet %RSD or linear regression requirements.	✓	✓	
2. ICAL meets requirements stated in SOP.	✓	✓	
2. Any levels dropped are reviewed and appropriate.			✓
3. All analytes in ICAL are in the ICAL summary.	✓	✓	
4. RFs are calculated correctly. Perform Manual calculation.	✓	✓	
C. ICAL Analysis			
1. Manual Integrations reviewed and appropriate.			✓
2. All peaks correctly identified.	✓	✓	
3. No analytes have saturated peaks.	✓	✓	
4. RT windows set correctly (8015 TPH).	✓	✓	
5. ICV meets requirements and is run after the ICAL.	✓	✓	
6. Standards used in ICAL are current.	✓	✓	
7. ICAL is copied to source method.	✓	✓	

Curve Valid for:	Yes	No	Criteria
Standard SOP	✓		RSD ≤20%, r ≥ 0.995 (intercept <1/2RL for 8081,8082, NQ, 8310) and (<RL for 8330) and r>0.990 (intercept <RL for 8015), ICV≤15%, PEM ≤15%
DOD QSM V3	✓		RSD ≤20%, r ≥ 0.995, ICV≤20%, PEM ≤15%
AFCEE 3.1	✓		RSD ≤20%, r ≥ 0.995, ICV≤15%, PEM ≤15%
AFCEE 4.0	✓		RSD ≤20%, r ≥ 0.995, ICV≤20% (8081, 8082, 8015) and ICV≤25% (8330,8310), PEM ≤15%

Analyst: V. Nebout

Date: 4/8/10

Reviewer: K. Mass

Date: 4-8-10

Comments:

TestAmerica West Sacramento

INITIAL CALIBRATION DATA

Start Cal Date : 07-APR-2010 23:24
 End Cal Date : 08-APR-2010 04:51
 Quant Method : ESTD
 Origin : Disabled
 Target Version : 4.14
 Integrator : HP Genie
 Method file : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.M
 Last Edit : 08-Apr-2010 12:08 nihartv
 Curve Type : Average

Calibration File Names:

- Level 1: \\Terastation\share\GCdata\GCdata\GC66B.I\040710.B\0407-006.D
- Level 2: \\Terastation\share\GCdata\GCdata\GC66B.I\040710.B\0407-007.D
- Level 3: \\Terastation\share\GCdata\GCdata\GC66B.I\040710.B\0407-008.D
- Level 4: \\Terastation\share\GCdata\GCdata\GC66B.I\040710.B\0407-018.D
- Level 5: \\Terastation\share\GCdata\GCdata\GC66B.I\040710.B\0407-010.D
- Level 6: \\Terastation\share\GCdata\GCdata\GC66B.I\040710.B\0407-011.D
- Level 7: \\Terastation\share\GCdata\GCdata\GC66B.I\040710.B\0407-012.D
- Level 8: \\Terastation\share\GCdata\GCdata\GC66B.I\040710.B\0407-005.D

Compound	50.000	100.000	200.000	300.000	500.000	1000.000	RRF	% RSD
	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6		
	2000.000	20.000						
	Level 7	Level 8						
M 190 Aroclor 1016-Totals	6919373 5537851	6374033 7212881	6076869	6134298	5818629	5595002	6208617	9.707
191 Aroclor 1016-1	2008362 1610926	1835622 2101309	1741684	1759400	1673377	1622602	1794160	9.959
192 Aroclor 1016-2	608068 487796	571311 631611	545859	552730	523670	499213	552532	9.075
193 Aroclor 1016-3	829308 658674	778220 881800	742156	745601	697774	671985	750690	10.280
194 Aroclor 1016-4	1637347 1329398	1520694 1713766	1455111	1466622	1393038	1340877	1482107	9.245
195 Aroclor 1016-5	1836287 1451057	1668186 1884396	1592059	1609945	1530770	1460325	1629128	9.876
M 196 Aroclor 1260-Totals	10647618 8817036	9619119 10381448	9065050	9248688	9302872	8601596	9470428	7.615
197 Aroclor 1260-1	2761828 2218606	2616815 2745664	2317849	2359106	2334081	2145317	2437408	9.767

TestAmerica West Sacramento

INITIAL CALIBRATION DATA

Start Cal Date : 07-APR-2010 23:24
 End Cal Date : 08-APR-2010 04:51
 Quant Method : ESTD
 Origin : Disabled
 Target Version : 4.14
 Integrator : HP Genie
 Method file : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.M
 Last Edit : 08-Apr-2010 12:08 nihartv
 Curve Type : Average

Compound	50.000	100.000	200.000	300.000	500.000	1000.000	RRF	% RSD
	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6		
	2000.000	20.000						
	Level 7	Level 8						
198 Aroclor 1260-2	1108150 922716	1033021 1073970	992873	1001869	1007016	924041	1007957	6.451
199 Aroclor 1260-3	2313149 1807127	1914544 1979359	1852085	1922070	1943367	1778039	1938718	8.573
200 Aroclor 1260-4	1048409 622078	939969 1139910	886497	891012	907003	816562	931430	11.943
201 Aroclor 1260-5	3416082 3046508	3114769 3442544	3015747	3074632	3191406	2937638	3154916	5.853
M 202 Aroclor 1221-Total	++++ ++++	++++ ++++	++++	2116180	++++	++++	2116180	0.000
203 Aroclor 1221-1	++++ ++++	++++ ++++	++++	518795	++++	++++	518795	0.000
204 Aroclor 1221-2	++++ ++++	++++ ++++	++++	340568	++++	++++	340568	0.000
205 Aroclor 1221-3	++++ ++++	++++ ++++	++++	1256818	++++	++++	1256818	0.000
M 206 Aroclor 1232-Totals	++++ ++++	++++ ++++	++++	2850602	++++	++++	2850602	0.000
207 Aroclor 1232-1	++++ ++++	++++ ++++	++++	847287	++++	++++	847287	0.000
208 Aroclor 1232-2	++++ ++++	++++ ++++	++++	262497	++++	++++	262497	0.000

TestAmerica West Sacramento

INITIAL CALIBRATION DATA

Start Cal Date : 07-APR-2010 23:24
 End Cal Date : 08-APR-2010 04:51
 Quant Method : ESTD
 Origin : Disabled
 Target Version : 4.14
 Integrator : HP Genie
 Method file : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.M
 Last Edit : 08-Apr-2010 12:08 nihartv
 Curve Type : Average

Compound	50.000	100.000	200.000	300.000	500.000	1000.000	RRF	% RSD
	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6		
	2000.000	20.000						
	Level 7	Level 8						
209 Aroclor 1232-3	+++++	+++++	+++++	360818	+++++	+++++	360818	0.000
210 Aroclor 1232-4	+++++	+++++	+++++	691649	+++++	+++++	691649	0.000
211 Aroclor 1232-5	+++++	+++++	+++++	688351	+++++	+++++	688351	0.000
M 212 Aroclor 1242-Totals	+++++	+++++	+++++	5006667	+++++	+++++	5006667	0.000
213 Aroclor 1242-1	+++++	+++++	+++++	1423822	+++++	+++++	1423822	0.000
214 Aroclor 1242-2	+++++	+++++	+++++	445368	+++++	+++++	445368	0.000
215 Aroclor 1242-3	+++++	+++++	+++++	619511	+++++	+++++	619511	0.000
216 Aroclor 1242-4	+++++	+++++	+++++	1194355	+++++	+++++	1194355	0.000
217 Aroclor 1242-5	+++++	+++++	+++++	1323612	+++++	+++++	1323612	0.000
M 218 Aroclor 1248-Totals	+++++	+++++	+++++	6826954	+++++	+++++	6826954	0.000
219 Aroclor 1248-1	+++++	+++++	+++++	1160225	+++++	+++++	1160225	0.000

TestAmerica West Sacramento

INITIAL CALIBRATION DATA

Start Cal Date : 07-APR-2010 23:24
 End Cal Date : 08-APR-2010 04:51
 Quant Method : ESTD
 Origin : Disabled
 Target Version : 4.14
 Integrator : HP Genie
 Method file : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.M
 Last Edit : 08-Apr-2010 12:08 nihartv
 Curve Type : Average

Compound	50.000	100.000	200.000	300.000	500.000	1000.000	RRF	% RSD
	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6		
	2000.000	20.000						
	Level 7	Level 8						
220 Aroclor 1248-2	++++	++++	++++	1804777	++++	++++	1804777	0.000
221 Aroclor 1248-3	++++	++++	++++	996842	++++	++++	996842	0.000
222 Aroclor 1248-4	++++	++++	++++	1951615	++++	++++	1951615	0.000
223 Aroclor 1248-5	++++	++++	++++	913496	++++	++++	913496	0.000
M 224 Aroclor 1254-Totals	++++	++++	++++	9831780	++++	++++	9831780	0.000
225 Aroclor 1254-1	++++	++++	++++	2253592	++++	++++	2253592	0.000
226 Aroclor 1254-2	++++	++++	++++	1818583	++++	++++	1818583	0.000
227 Aroclor 1254-3	++++	++++	++++	1406211	++++	++++	1406211	0.000
228 Aroclor 1254-4	++++	++++	++++	1895242	++++	++++	1895242	0.000
229 Aroclor 1254-5	++++	++++	++++	2458152	++++	++++	2458152	0.000
M 230 Aroclor 1262-Totals	++++	++++	++++	9516106	++++	++++	9516106	0.000

TestAmerica West Sacramento

INITIAL CALIBRATION DATA

Start Cal Date : 07-APR-2010 23:24
 End Cal Date : 08-APR-2010 04:51
 Quant Method : ESTD
 Origin : Disabled
 Target Version : 4.14
 Integrator : HP Genie
 Method file : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.M
 Last Edit : 08-Apr-2010 12:08 nihartv
 Curve Type : Average

Compound	50.000	100.000	200.000	300.000	500.000	1000.000	RRF	% RSD
	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6		
	2000.000	20.000						
	Level 7	Level 8						
231 Aroclor 1262-1	+++++	+++++	+++++	1616288	+++++	+++++	1616288	0.000
232 Aroclor 1262-2	+++++	+++++	+++++	1142008	+++++	+++++	1142008	0.000
233 Aroclor 1262-3	+++++	+++++	+++++	931171	+++++	+++++	931171	0.000
234 Aroclor 1262-4	+++++	+++++	+++++	909536	+++++	+++++	909536	0.000
235 Aroclor 1262-5	+++++	+++++	+++++	4917102	+++++	+++++	4917102	0.000
M 236 Aroclor 1268-Totals	+++++	+++++	+++++	10003631	+++++	+++++	10003631	0.000
237 Aroclor 1268-1	+++++	+++++	+++++	1079957	+++++	+++++	1079957	0.000
238 Aroclor 1268-2	+++++	+++++	+++++	1326795	+++++	+++++	1326795	0.000
239 Aroclor 1268-3	+++++	+++++	+++++	4555398	+++++	+++++	4555398	0.000
240 Aroclor 1268-4	+++++	+++++	+++++	1114980	+++++	+++++	1114980	0.000
241 Aroclor 1268-5	+++++	+++++	+++++	1926501	+++++	+++++	1926501	0.000

TestAmerica West Sacramento

INITIAL CALIBRATION DATA

Start Cal Date : 07-APR-2010 23:24
 End Cal Date : 08-APR-2010 04:51
 Quant Method : ESTD
 Origin : Disabled
 Target Version : 4.14
 Integrator : HP Genie
 Method file : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.M
 Last Edit : 08-Apr-2010 12:08 nihartv
 Curve Type : Average

Compound	50.000	100.000	200.000	300.000	500.000	1000.000	RRF	% RSD
	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6		
	2000.000	20.000						
	Level 7	Level 8						
\$ 13 TCX	53538341	51942485	52674633	52467350	53640080	54513538	53571663	2.283
	55728063	54068816						
\$ 34 DCB	41449935	37536090	37362202	35746075	37752540	34472037	37513570	6.496
	35313002	40476660						

Report Date: 08-Apr-2010 12:11

Calibration History

Method : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.M
Start Cal Date: 07-APR-2010 23:24
End Cal Date : 08-APR-2010 04:51
Last Cal Level: 1
Last Cal Type : Initial Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 50.00000		
07-APR-2010 23:50	1-1660CAL	\\Terastation\share\GCdata\GC66B.I\040710.B\0407-006.D
Cal Level: 2 , Cal Amount: 100.00000		
08-APR-2010 00:15	1-1660CAL	\\Terastation\share\GCdata\GC66B.I\040710.B\0407-007.D
Cal Level: 3 , Cal Amount: 200.00000		
08-APR-2010 00:40	1-1660CAL	\\Terastation\share\GCdata\GC66B.I\040710.B\0407-008.D
Cal Level: 4 , Cal Amount: 300.00000		
08-APR-2010 04:51	5-1248CAL	\\Terastation\share\GCdata\GC66B.I\040710.B\0407-018.D
08-APR-2010 04:26	4-1242-1268CAL	\\Terastation\share\GCdata\GC66B.I\040710.B\0407-017.D
08-APR-2010 04:01	3-1232-1262CAL	\\Terastation\share\GCdata\GC66B.I\040710.B\0407-016.D
08-APR-2010 03:36	2-1221-1254CAL	\\Terastation\share\GCdata\GC66B.I\040710.B\0407-015.D
08-APR-2010 01:05	1-1660CAL	\\Terastation\share\GCdata\GC66B.I\040710.B\0407-009.D
Cal Level: 5 , Cal Amount: 500.00000		
08-APR-2010 01:30	1-1660CAL	\\Terastation\share\GCdata\GC66B.I\040710.B\0407-010.D
Cal Level: 6 , Cal Amount: 1000.00000		
08-APR-2010 01:55	1-1660CAL	\\Terastation\share\GCdata\GC66B.I\040710.B\0407-011.D

| Cal Level: 7 , Cal Amount: 2000.00000

08-APR-2010 02:21 |1-1660CAL
\\Terastation\share\GCdata\GC66B.I\040710.B\0407-012.D

| Cal Level: 8 , Cal Amount: 20.00000

07-APR-2010 23:24 |1-1660CAL
\\Terastation\share\GCdata\GC66B.I\040710.B\0407-005.D

Continuing Calibration
Ccal Level Mode: BY SAMPLE

08-APR-2010 04:51 |5-1248CAL
\\Terastation\share\GCdata\GC66B.I\040710.B\0407-018.D
08-APR-2010 04:26 |4-1242-1268CAL
\\Terastation\share\GCdata\GC66B.I\040710.B\0407-017.D
08-APR-2010 04:01 |3-1232-1262CAL
\\Terastation\share\GCdata\GC66B.I\040710.B\0407-016.D
08-APR-2010 03:36 |2-1221-1254CAL
\\Terastation\share\GCdata\GC66B.I\040710.B\0407-015.D
08-APR-2010 01:05 |1-1660CAL
\\Terastation\share\GCdata\GC66B.I\040710.B\0407-009.D

TestAmerica West Sacramento

Calibration Standard Level Reference Sheet

8082, TO-4, TO-4A, TO-10, TO-10A

Analyte	Concentration (ppb)							
	Level 8	1	2	3	4	5	6	7
Aroclor 1016	20	50	100	200	300	500	1000	2000
Aroclor 1260	20	50	100	200	300	500	1000	2000
Aroclor 1221		50	100	200	300	500	1000	
Aroclor 1232		50	100	200	300	500	1000	
Aroclor 1242		50	100	200	300	500	1000	
Aroclor 1248		50	100	200	300	500	1000	
Aroclor 1254		50	100	200	300	500	1000	
Aroclor 1262		50	100	200	300	500	1000	
Aroclor 1268		50	100	200	300	500	1000	
Tetrachloro-m-xylene (surr)	2	5	10	25	50	70	100	200
Decachlorobiphenyl (surr)	2	5	10	25	50	70	100	200

QA-600-PCB
Revision Date 12/11/09

Inst ID: GC66B Batch ID: 040710
Method : 8082, TO-4, TO-4A, TO-10, and TO-10A Test : PCBs by GC-ECD
ICAL Date: See Calibration Report

Date	Time	Operator	Sample ID	File ID	Vol or Wt	Extract Vol	Diln	Comments
07-APR-2010	21:44	VN	HEXANE	0407-001.	0 g	0 mL	1	
07-APR-2010	22:09	VN	PRIME	0407-002.	0 g	0 mL	1	
07-APR-2010	22:34	VN	PRIME	0407-003.	0 g	0 mL	1	
07-APR-2010	22:59	VN	HEXANE	0407-004.	0 g	0 mL	1	
07-APR-2010	23:24	VN	1660_20 09GCSV0497 ICAL8	0407-005.	0 g	0 mL	1	
07-APR-2010	23:50	VN	1660_50 09GCSV0490 ICAL1	0407-006.	0 g	0 mL	1	
08-APR-2010	00:15	VN	1660_100 09GCSV0491 ICAL2	0407-007.	0 g	0 mL	1	
08-APR-2010	00:40	VN	1660_200 09GCSV0492 ICAL3	0407-008.	0 g	0 mL	1	
08-APR-2010	01:05	VN	1660_300 09GCSV0493 ICAL4	0407-009.	0 g	0 mL	1	
08-APR-2010	01:30	VN	1660_500 09GCSV0494 ICAL5	0407-010.	0 g	0 mL	1	
08-APR-2010	01:55	VN	1660_1000 09GCSV0495 ICAL6	0407-011.	0 g	0 mL	1	
08-APR-2010	02:21	VN	1660_2000 09GCSV0496 ICAL7	0407-012.	0 g	0 mL	1	
08-APR-2010	02:46	VN	HEXANE	0407-013.	0 g	0 mL	1	
08-APR-2010	03:11	VN	1660_300 09GCSV0469 ICV	0407-014.	0 g	0 mL	1	
08-APR-2010	03:36	VN	1221-54_300 10GCSV0067 ICAL	0407-015.	0 g	0 mL	1	
08-APR-2010	04:01	VN	1232-62_300 10GCSV0068 ICAL4	0407-016.	0 g	0 mL	1	
08-APR-2010	04:26	VN	1242-68_300 10GCSV0069 ICAL	0407-017.	0 g	0 mL	1	
08-APR-2010	04:51	VN	1248_300 10GCSV0070 ICAL	0407-018.	0 g	0 mL	1	

Chromatography Summary
Method 8082 Target Analyte Results

Injection Date: 4/8/2010 3:11 Operator: VN
DataFile: GC66B.N040710.B\0407-014.D Vial Num: 11
Instrument ID: GC66B

Sample: 1660_300 09GCSV0469 ICV

Method File: GC66B.N040710.B\8082.M
Start Cal Date: 4/7/2010 23:24 End Cal Date: 4/8/2010 4:51

Matrix: NONE SubList: 10-1660ICV.sub SpikeList:
Samp. Info: 1660_300 09GCSV0469 ICV;2;;4;;;
Misc. Info: 3;10-1660ICV.sub;0;;

Dilution Factor	Extract Volume	Sample Volume	Sample Weight
1X	0 mL	0 mL	0 g

DB-1701

Compound Name	RT	Response	PPB	Spike Level	%D	Result	Flag	Limits(%)
Aroclor 1016-Totals	1.00	1711173814	275.6000	300	-8%	Acceptable		(±15)
Aroclor 1260-Totals	1.00	2609648003	275.6000	300	-8%	Acceptable		(±15)

*Passes second source criteria
MNH/SLC*

Notes: M = Manually Integrated
D = Operator Disabled Result
O = Over Calibration Range

TestAmerica West Sacramento

8082, TO-4, TO-4A, TO-10, and TO-10A

Data file : \\Terastation\share\GCdata\GC66B.I\040710.B\0407-014.D
 Lab Smp Id: 1660 300 09GCSV0469
 Inj Date : 08-APR-2010 03:11
 Operator : VN Inst ID: GC66B.i
 Smp Info : 1660 300 09GCSV0469 ICV;2;;4;;;;
 Misc Info : 3;10-1660ICV.sub;;;0;;
 Comment : PCBs by GC-ECD
 Method : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.m
 Meth Date : 08-Apr-2010 03:33 tap Quant Type: AREA%
 Cal Date : 18-MAR-2010 18:05 Cal File: 0318-005.D
 Als bottle: 11 Continuing Calibration Sample
 Dil Factor: 1.00000
 Integrator: HP Genie Compound Sublist: 10-1660ICV.sub
 Target Version: 4.14
 Processing Host: SACP307P

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
1.000	1711173814	21758120	0.013	11.84	M 190 Aroclor 1016-Totals
5.523	487282602	6818536	0.014		191 Aroclor 1016-1
5.934	152779554	2233286	0.015		192 Aroclor 1016-2
6.039	213502074	2847327	0.013		193 Aroclor 1016-3
6.791	411385780	5037932	0.012		194 Aroclor 1016-4
7.788	446223804	4821039	0.011		195 Aroclor 1016-5
1.000	1711173816	21758120	0.013	11.84	M 190 Aroclor 1016-Totals
5.523	487282602	6818536	0.014		191 Aroclor 1016-1
5.934	152779554	2233286	0.015		192 Aroclor 1016-2
6.039	213502074	2847327	0.013		193 Aroclor 1016-3
6.791	411385780	5037932	0.012		194 Aroclor 1016-4
7.788	446223804	4821039	0.011		195 Aroclor 1016-5
1.000	2609648003	31060642	0.012	6.52	M 196 Aroclor 1260-Totals
10.993	670862185	9486949	0.014		197 Aroclor 1260-1
11.996	277674225	3719258	0.013		198 Aroclor 1260-2
12.623	530502342	6905217	0.013		199 Aroclor 1260-3
13.986	269178230	3417667	0.013		200 Aroclor 1260-4
14.141	861431021	7531551	0.009		201 Aroclor 1260-5
4.023	24912088	383709	0.015	0.17	
4.328	49796865	735975	0.015	0.34	
4.631	53190706	856260	0.016	0.36	
4.754	267911347	3846373	0.014	1.85	
5.164	35373035	528175	0.015	0.24	
5.689	18322837	287839	0.016	0.12	
5.756	40308821	598352	0.015	0.27	
5.840	31735526	496941	0.016	0.21	
6.310	155673572	1940860	0.012	1.07	
6.501	1058359366	13619682	0.013	7.32	
6.713	44371770	753079	0.017	0.30	
7.021	346813440	4900649	0.014	2.40	

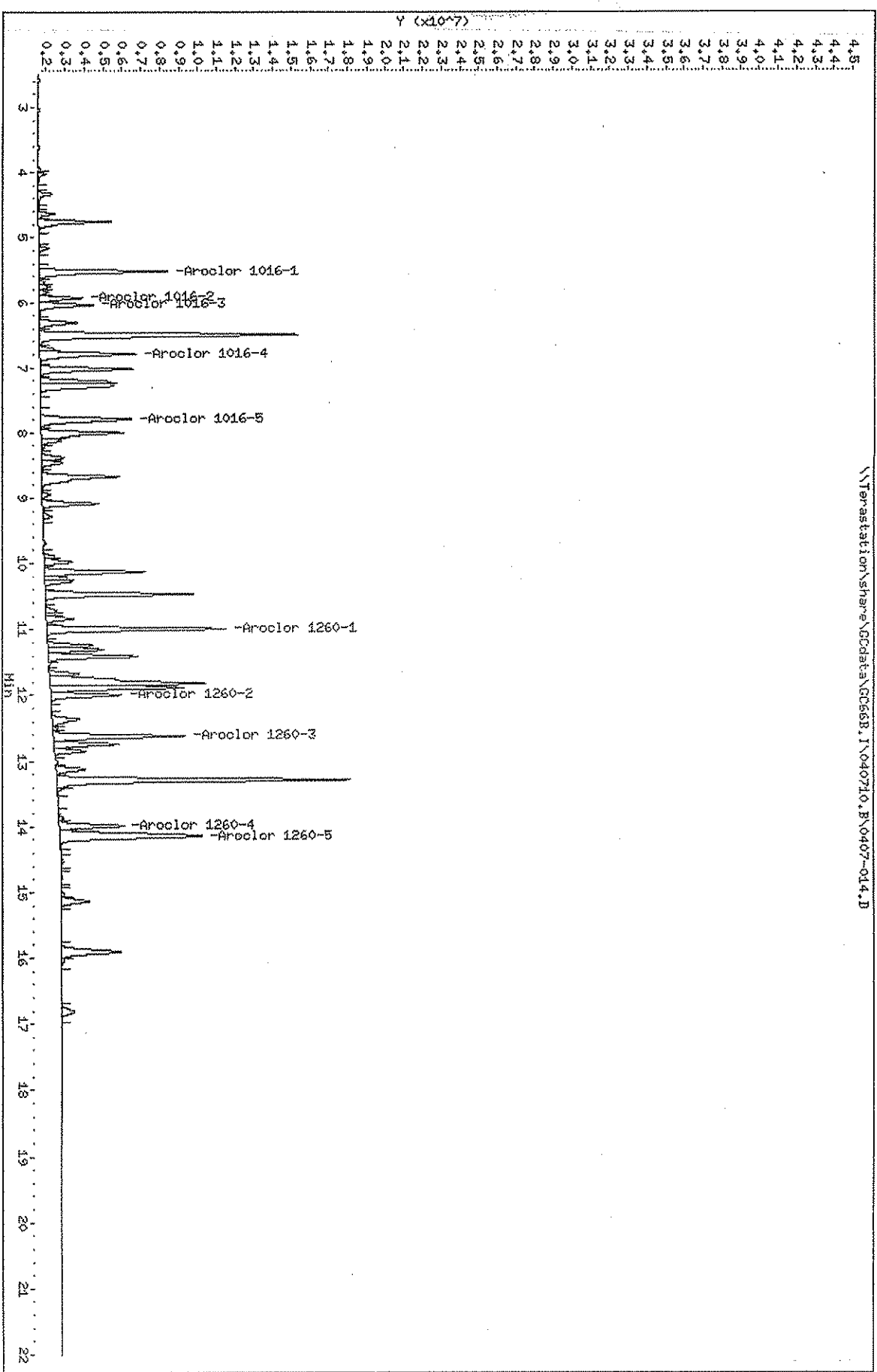
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
7.215	239317095	3727565	0.016	1.65	
7.271	382766330	3892368	0.010	2.65	
7.999	369820194	4324172	0.012	2.56	
8.119	75081964	1059801	0.014	0.51	
8.219	14016743	201122	0.014	0.09	
8.381	91073314	1180866	0.013	0.63	
8.459	84879815	1101394	0.013	0.58	
8.673	399139017	4061807	0.010	2.76	
8.948	29704958	412356	0.014	0.20	
9.087	214875090	2912416	0.014	1.48	
9.281	41197644	432869	0.011	0.28	
9.893	35949893	544236	0.015	0.24	
9.973	108285284	1497557	0.014	0.74	
10.127	384939059	5323752	0.014	2.66	
10.223	60867574	1158370	0.019	0.42	
10.271	104719169	1431646	0.014	0.72	
10.465	565537263	7777078	0.014	3.91	
10.712	41767200	544442	0.013	0.28	
10.767	24324820	487925	0.020	0.16	
10.838	104575202	1402656	0.013	0.72	
11.240	157165811	2387354	0.015	1.08	
11.305	202320224	2911874	0.014	1.40	
11.409	354309646	4763406	0.013	2.45	
11.671	105837016	1581797	0.015	0.73	
11.817	833264928	8240133	0.010	5.76	
11.885	489110303	7059266	0.014	3.38	
12.362	135006943	1418877	0.011	0.93	
12.502	15805375	239394	0.015	0.10	
12.741	248335380	3417273	0.014	1.71	
12.847	117563658	1626710	0.014	0.81	
13.120	130248299	1518745	0.012	0.90	
13.286	1209946875	15612693	0.013	8.37	
13.408	23712780	375137	0.016	0.16	
13.867	21526097	257567	0.012	0.14	
14.526	11687120	144557	0.012	0.08	
14.763	10767479	120406	0.011	0.07	
15.032	13412957	180407	0.013	0.09	
15.133	133260757	1471276	0.011	0.92	
15.902	316383384	3124210	0.010	2.19	
16.035	15647811	176538	0.011	0.10	
16.814	78011199	684528	0.009	0.54	
===== 14443752869	===== 182553202	===== 182553202	===== 0.009	===== 100.000	

Total unknown % area = 69.80

Data File: \\Terastation\share\GCdata\GC66B.I\040710.B\0407-014.D
Date: 08-APR-2010 03:11
Client ID:
Sample Info: 1660_300 090CSW0469 ICV+2+4+3+3
Column phase: DB-1701

Instrument: GC66B.i
Operator: VN
Column diameter: 0.53

\\Terastation\share\GCdata\GC66B.I\040710.B\0407-014.D



Chromatography Summary
Method 8082 Target Analyte Results

Injection Date: 4/7/2010 23:24 Operator: VN
 DataFile: GC66B.I040710.B\0407-005.D Vial Num: 2
 Instrument ID: GC66B

Sample: **1660_20 09GCSV0497 ICAL8**

Method File: GC66B.I040710.B\8082.M
 Start Cal Date: End Cal Date:

Matrix: NONE SubList: 1-1660CAL.SUB SpikeList:
 Samp. Info: 1660_20 09GCSV0497 ICAL8;1;;8;;;
 Misc. Info: 3;1-1660CAL.SUB;;

Dilution Factor	Extract Volume	Sample Volume	Sample Weight
1X	0 mL	0 mL	0 g

Column: DB-1701 30mX320umX1000nm

Compound Name	RT	Response	Spike Level	Flag	Response Factor
TCX	3.68	108137632	2		54068816
DCB	17.35	80953360	2		40476680
Aroclor 1016-Totals	1.00	144257617	20		7212880.85
Aroclor 1260-Totals	1.00	207628956	20		10381447.6

Notes: M = Manually Integrated
 D = Operator Disabled Result
 O = Over Calibration Range

TestAmerica West Sacramento

8082, TO-4, TO-4A, TO-10, and TO-10A
 Data file : \\Terastation\share\GCdata\GC66B.I\040710.B\0407-005.D
 Lab Smp Id: 1660 20 09GCSV0497
 Inj Date : 07-APR-2010 23:24
 Operator : VN Inst ID: GC66B.i
 Smp Info : 1660 20 09GCSV0497 ICAL8;1;;8;;;
 Misc Info : 3;1-1660CAL.SUB;;;
 Comment : PCBs by GC-ECD
 Method : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.m
 Meth Date : 07-Apr-2010 23:47 tap Quant Type: AREA%
 Cal Date : 18-MAR-2010 18:05 Cal File: 0318-005.D
 Als bottle: 2 Calibration Sample, Level: 8
 Dil Factor: 1.00000
 Integrator: HP Genie Compound Sublist: 1-1660CAL.SUB
 Target Version: 4.14
 Processing Host: SACP307P

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
1.000	144257617	1947664	0.014	11.75	M 190 Aroclor 1016-Totals
5.521	42026170	626294	0.015		191 Aroclor 1016-1
5.932	12632215	193482	0.015		192 Aroclor 1016-2
6.038	17635993	254987	0.014		193 Aroclor 1016-3
6.789	34275323	452120	0.013		194 Aroclor 1016-4
7.788	37687916	420781	0.011		195 Aroclor 1016-5
1.000	207628956	2441300	0.012	17.04	M 196 Aroclor 1260-Totals
10.992	54913288	774053	0.014		197 Aroclor 1260-1
11.994	21479400	297486	0.014		198 Aroclor 1260-2
12.621	39587177	525562	0.013		199 Aroclor 1260-3
13.984	22798203	265299	0.012		200 Aroclor 1260-4
14.142	68850888	578900	0.008		201 Aroclor 1260-5
3.685	108137632	1800768	0.017	8.81	\$ 13 TCX
4.754	23224174	357030	0.015	1.89	
6.308	13282251	169889	0.013	1.08	
6.500	86080711	1137288	0.013	7.01	
7.019	28215727	419169	0.015	2.29	
7.213	20073524	333026	0.017	1.63	
7.266	33416025	343625	0.010	2.72	
7.998	29085369	341277	0.012	2.37	
8.670	22657609	264050	0.012	1.84	
9.083	15523774	229032	0.015	1.26	
10.126	30037491	433124	0.014	2.44	
10.465	47076539	653068	0.014	3.83	
11.240	13491336	202375	0.015	1.09	
11.305	14997414	213829	0.014	1.22	
11.406	27505644	375881	0.014	2.24	
11.813	59706720	604134	0.010	4.86	
11.880	40622640	581837	0.014	3.31	
12.368	13753930	138998	0.010	1.12	
12.741	18580490	260527	0.014	1.51	
13.119	10638077	115368	0.011	0.86	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
13.283	94934892	1201561	0.013	7.73	
13.869	10811871	54983	0.005	0.88	
15.128	10243730	108258	0.011	0.83	
15.902	22196313	217631	0.010	1.80	
17.352	80953361	662232	0.008	6.59	\$ 34 DCB
	1227133821	15607924		100.000	

Total unknown % area = 55.81

Data File: \\Terastation\share\GCdata\GC66B, I\040710, B\0407-005, D

Date: 07-APR-2010 23:24

Client ID:

Sample Info: 1660_20 09GCSV0497 ICALSF118111

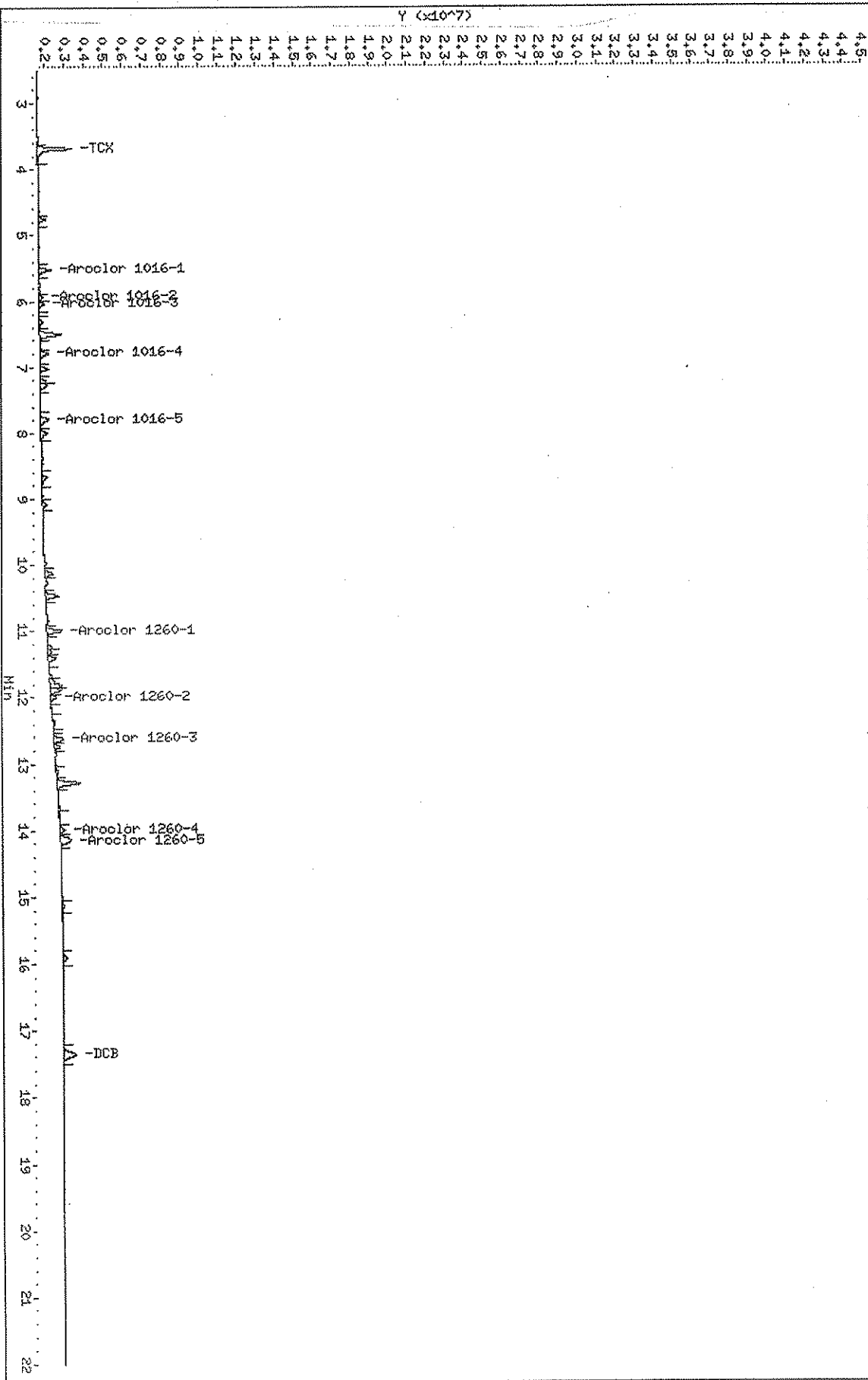
Column phase: DB-1701

Instrument: GC66B.1

Operator: MN

Column diameter: 0.53

\\Terastation\share\GCdata\GC66B, I\040710, B\0407-005, D



Chromatography Summary
Method 8082 Target Analyte Results

Injection Date: 4/7/2010 23:50 Operator: VN
DataFile: GC66B.I\040710.B\0407-006.D Vial Num: 3
Instrument ID: GC66B

Sample: 1660_50 09GCSV0490 ICAL1

Method File: GC66B.I\040710.B\8082.M
Start Cal Date: 4/7/2010 23:24 End Cal Date: 4/8/2010 4:51

Matrix: NONE SubList: 1-1660CAL.SUB SpikeList:
Samp. Info: 1660_50 09GCSV0490 ICAL1;1;1;;;
Misc. Info: 3;1-1660CAL.SUB;;;

Dilution Factor	Extract Volume	Sample Volume	Sample Weight
1X	0 mL	0 mL	0 g

Column1 DB-1701 30mX320umX1000nm

Compound Name	RT	Response	Spike Level	Flag	Response Factor
TCX	3.68	267691705	5		53538341
DCB	17.35	207249676	5		41449935.2
Aroclor 1016-Totals	1.00	345968623 ✓	50 ✓		6919372.46
Aroclor 1260-Totals	1.00	532380916	50		10647618.32

Notes: M = Manually Integrated
D = Operator Disabled Result
O = Over Calibration Range

$$\text{Response factor (RF)} = \frac{\text{response}}{\text{spike level}}$$

$$RF(1016) = \frac{345968623}{50} = 6919372.46 \checkmark$$

in 4.7.10

TestAmerica West Sacramento

8082, TO-4, TO-4A, TO-10, and TO-10A
 Data file : \\Terastation\share\GCdata\GC66B.I\040710.B\0407-006.D
 Lab Smp Id: 1660 50 09GCSV0490
 Inj Date : 07-APR-2010 23:50
 Operator : VN Inst ID: GC66B.i
 Smp Info : 1660 50 09GCSV0490 ICAL1;1;;1;;;
 Misc Info : 3;1-1660CAL.SUB;;;
 Comment : PCBs by GC-ECD
 Method : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.m
 Meth Date : 08-Apr-2010 00:12 tap Quant Type: AREA%
 Cal Date : 18-MAR-2010 18:05 Cal File: 0318-005.D
 Als bottle: 3 Calibration Sample, Level: 1
 Dil Factor: 1.00000
 Integrator: HP Genie Compound Sublist: 1-1660CAL.SUB
 Target Version: 4.14
 Processing Host: SACP307P

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
1.000	345968623	4517755	0.013	8.79	M 190 Aroclor 1016-Totals
5.521	100418109	1427525	0.014		191 Aroclor 1016-1
5.931	30403413	465726	0.015		192 Aroclor 1016-2
6.039	41465414	604570	0.015		193 Aroclor 1016-3
6.789	81867350	1037575	0.013		194 Aroclor 1016-4
7.786	91814337	982359	0.011		195 Aroclor 1016-5
1.000	532380916	6229216	0.012	13.81	M 196 Aroclor 1260-Totals
10.993	138091407	1940087	0.014		197 Aroclor 1260-1
11.997	55407517	762670	0.014		198 Aroclor 1260-2
12.622	115657464	1404992	0.012		199 Aroclor 1260-3
13.985	52420448	673735	0.013		200 Aroclor 1260-4
14.141	170804080	1447732	0.008		201 Aroclor 1260-5
2.582	25754556	267975	0.010	0.65	
2.911	94844568	1855581	0.020	2.41	
3.033	25548902	439709	0.017	0.64	
3.608	12819488	192769	0.015	0.32	
3.684	267691706	4323487	0.016	6.80	\$ 13 TCX
4.327	11631998	158565	0.014	0.29	
4.631	11515236	182599	0.016	0.29	
4.753	75736816	832813	0.011	1.92	
6.171	25903100	255473	0.010	0.65	
6.308	31367560	405752	0.013	0.79	
6.499	208860467	2694603	0.013	5.30	
7.021	69956023	1002174	0.014	1.77	
7.213	48012390	769377	0.016	1.21	
7.257	79288366	815944	0.010	2.01	
7.513	34149200	309981	0.009	0.86	
7.998	71222180	821446	0.012	1.80	
8.118	10576968	173545	0.016	0.26	
8.380	14910092	218663	0.015	0.37	
8.490	97240598	1276223	0.013	2.47	
8.669	53781800	616910	0.011	1.36	

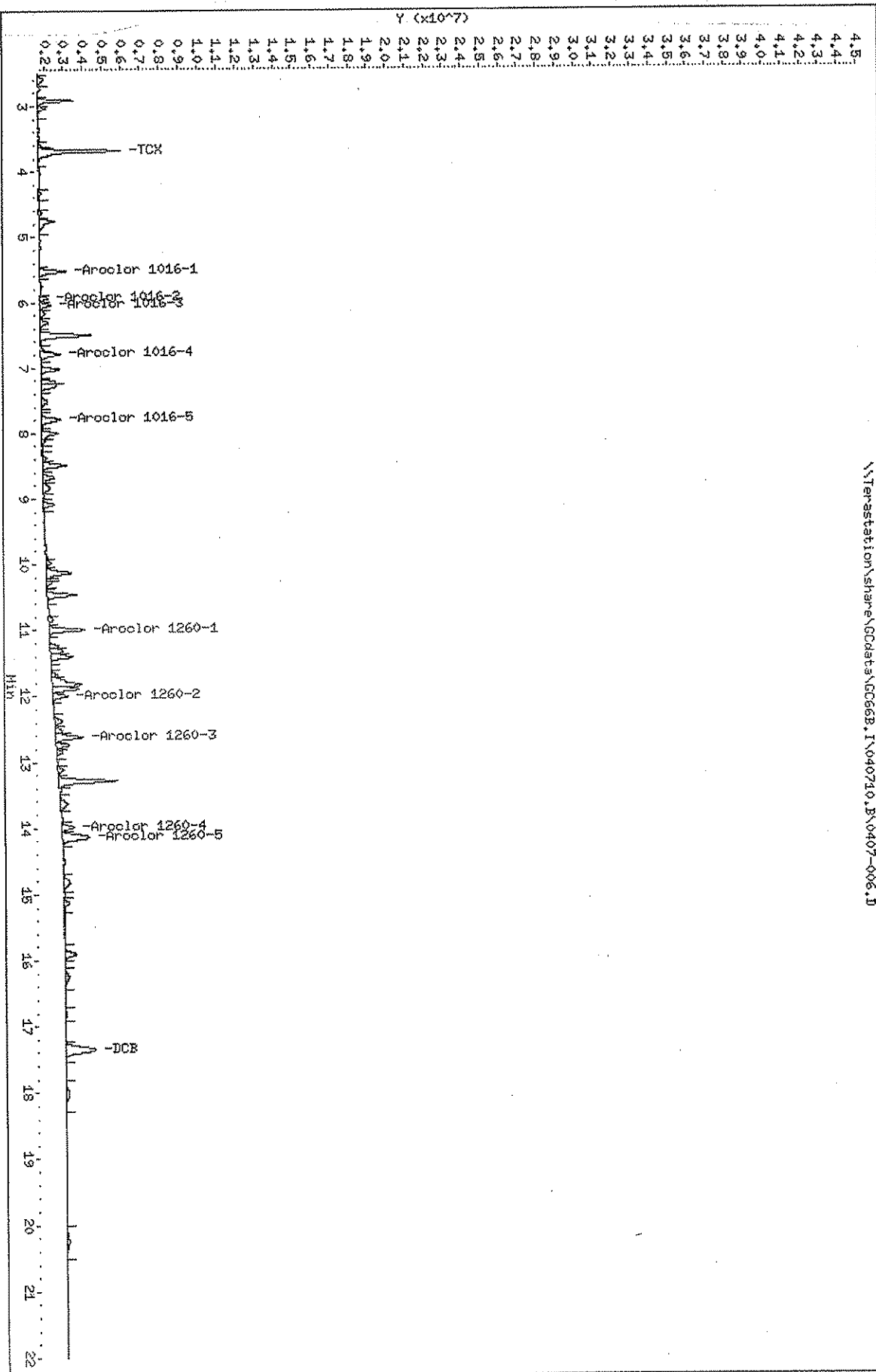
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
8.836	44680212	356957	0.008	1.13	
9.084	39859659	554571	0.014	1.01	
9.972	19931195	285250	0.014	0.50	
10.124	116181730	1333279	0.011	2.95	
10.220	11002990	225506	0.020	0.27	
10.271	19086838	269723	0.014	0.48	
10.464	112864256	1588031	0.014	2.86	
10.837	21211637	280104	0.013	0.53	
11.241	31530972	481561	0.015	0.80	
11.310	56378750	701784	0.012	1.43	
11.405	99819796	1185672	0.012	2.53	
11.668	19879101	306931	0.015	0.50	
11.815	158061555	1550038	0.010	4.01	
11.883	99768934	1410053	0.014	2.53	
12.372	34247880	376761	0.011	0.87	
12.525	34006882	383663	0.011	0.86	
12.740	47908552	668243	0.014	1.21	
12.845	22668995	317266	0.014	0.57	
13.118	24721701	289923	0.012	0.62	
13.284	240697513	3089840	0.013	6.11	
13.633	53611565	393139	0.007	1.36	
14.816	46255328	311213	0.007	1.17	
15.129	27435951	284677	0.010	0.69	
15.901	57607215	584706	0.010	1.46	
16.255	42075459	237466	0.006	1.06	
16.807	12800708	112823	0.009	0.32	
17.354	207249676	1601226	0.008	5.26	\$ 34 DCB
18.011	41953961	182884	0.004	1.06	
20.245	42786559	150805	0.004	1.08	
===== 3935447131	===== 47874655	===== 100.000			

Total unknown % area = 65.34

Data File: \\Terastation\share\GCdata\GC66B, I\040710, B\0407-006.D
Date: 07-06-2010 23:50
Client ID:
Sample Info: 1660_50 09CCSN0490 ICAL11111111;
Column phase: DB-1701

Instrument: GC66B.i
Operator: VN
Column diameter: 0.53

\\Terastation\share\GCdata\GC66B, I\040710, B\0407-006.D



Chromatography Summary
Method 8082 Target Analyte Results

Injection Date: 4/8/2010 0:15 Operator: VN
Data File: GC66B.N040710.BA0407-007.D Vial Num: 4
Instrument ID: GC66B

Sample: 1660_100 09GCSV0491 ICAL2

Method File: GC66B.N040710.BA08082.M
Start Cal Date: End Cal Date:

Matrix: NONE SubList: 1-1660CAL.SUB SpikeList:
Samp. Info: 1660_100 09GCSV0491 ICAL2;1;;2;;;
Misc. Info: 3;1-1660CAL.SUB;;;

Dilution Factor	Extract Volume	Sample Volume	Sample Weight
1X	0 mL	0 mL	0 g

Column1 DB-1701 30mX320umX1000nm

Compound Name	RT	Response	Spike Level	Flag	Response Factor
TCX	3.68	519424853	10		51942485.3
DCB	17.35	375360895	10		37536089.5
Aroclor 1016-Totals	1.00	637403310	100		6374033.1
Aroclor 1260-Totals	1.00	961911868	100		9619118.68

Notes: M = Manually Integrated
D = Operator Disabled Result
O = Over Calibration Range

TestAmerica West Sacramento

8082, TO-4, TO-4A, TO-10, and TO-10A

Data file : \\Terastation\share\GCdata\GC66B.I\040710.B\0407-007.D
 Lab Smp Id: 1660_100_09GCSV0491
 Inj Date : 08-APR-2010 00:15
 Operator : VN Inst ID: GC66B.i
 Smp Info : 1660_100_09GCSV0491 ICAL2;1;;2;;;;
 Misc Info : 3;1-1660CAL.SUB;;;;
 Comment : PCBs by GC-ECD
 Method : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.m
 Meth Date : 08-Apr-2010 00:37 tap Quant Type: AREA%
 Cal Date : 18-MAR-2010 18:05 Cal File: 0318-005.D
 Als bottle: 4 Calibration Sample, Level: 2
 Dil Factor: 1.00000
 Integrator: HP Genie Compound Sublist: 1-1660CAL.SUB
 Target Version: 4.14
 Processing Host: SACP307P

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
1.000	637403310	8426722	0.013	10.54	M 190 Aroclor 1016-Totals
5.521	183562218	2656964	0.014		191 Aroclor 1016-1
5.933	57131074	855095	0.015		192 Aroclor 1016-2
6.039	77822018	1085587	0.014		193 Aroclor 1016-3
6.789	152069423	1954145	0.013		194 Aroclor 1016-4
7.786	166818577	1874931	0.011		195 Aroclor 1016-5
1.000	961911868	11284685	0.012	16.14	M 196 Aroclor 1260-Totals
10.991	261681533	3434867	0.013		197 Aroclor 1260-1
11.995	103302148	1408709	0.014		198 Aroclor 1260-2
12.619	191454414	2571329	0.013		199 Aroclor 1260-3
13.983	93996921	1201051	0.013		200 Aroclor 1260-4
14.141	311476852	2668729	0.009		201 Aroclor 1260-5
3.685	519424854	8825777	0.017	8.59	\$ 13 TCX
4.022	10852426	150105	0.014	0.17	
4.329	20014821	302241	0.015	0.33	
4.631	21479783	346270	0.016	0.35	
4.755	104083906	1519160	0.015	1.72	
5.163	13063020	197277	0.015	0.21	
5.755	14498335	224859	0.016	0.23	
5.840	11490938	185823	0.016	0.19	
6.309	57948428	734548	0.013	0.95	
6.501	384312913	5127303	0.013	6.36	
6.714	17015144	292194	0.017	0.28	
7.021	127162980	1875268	0.015	2.10	
7.215	88162639	1431461	0.016	1.45	
7.271	146546654	1468597	0.010	2.42	
7.998	133423131	1567894	0.012	2.20	
8.118	20325640	321231	0.016	0.33	
8.382	29416598	423084	0.014	0.48	
8.458	17138071	240140	0.014	0.28	
8.671	103001068	1140611	0.011	1.70	
9.083	70311730	995181	0.014	1.16	

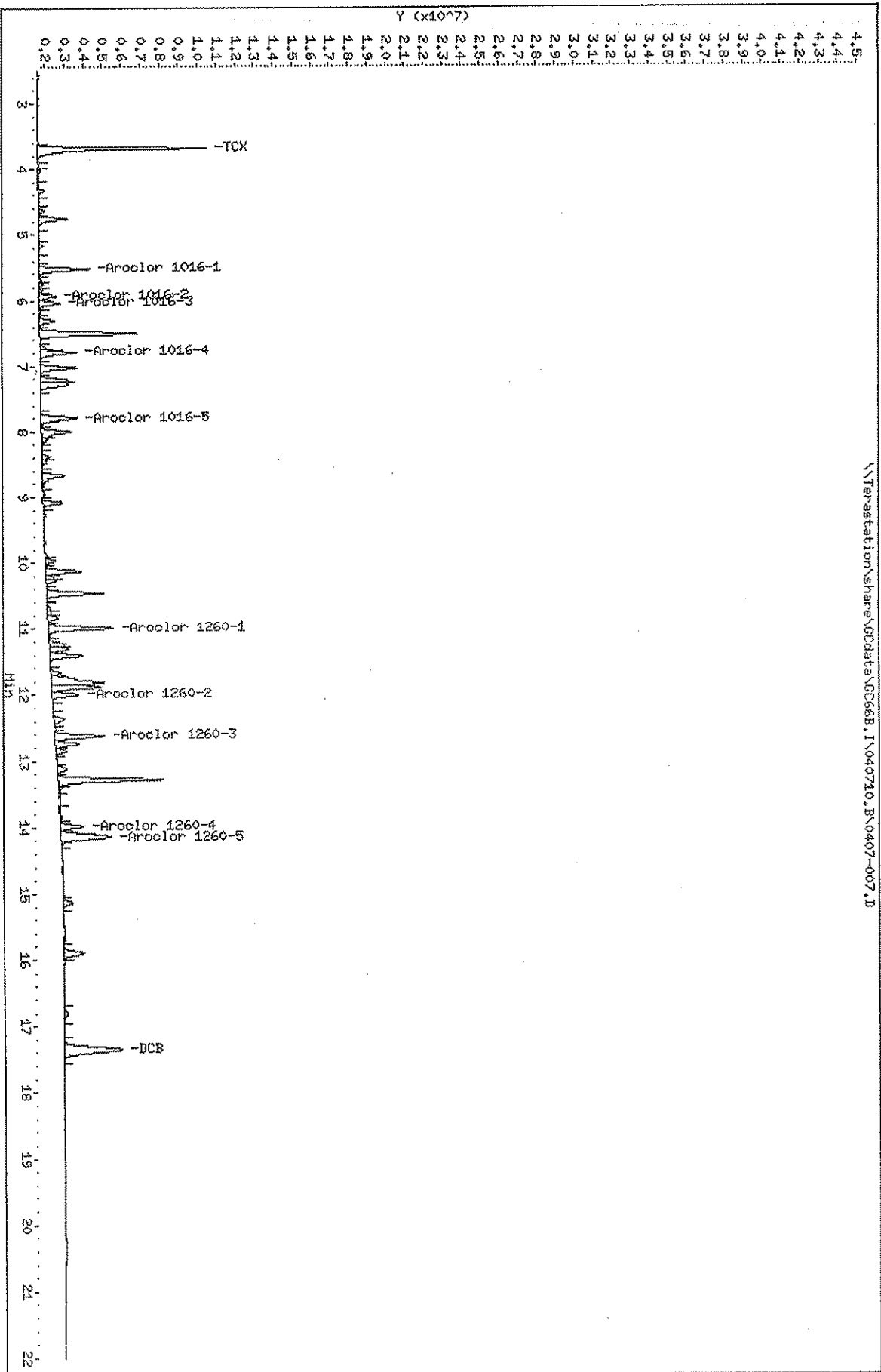
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
9.972	38951907	545095	0.014	0.64	
10.126	136644491	1916076	0.014	2.26	
10.218	23436086	413698	0.018	0.38	
10.270	37155726	527870	0.014	0.61	
10.464	208862688	2986609	0.014	3.45	
10.709	13832921	174682	0.013	0.22	
10.763	11449337	200644	0.018	0.18	
10.834	45551322	558491	0.012	0.75	
11.237	66614749	935429	0.014	1.10	
11.303	70365031	1012399	0.014	1.16	
11.407	132009825	1790062	0.014	2.18	
11.669	37625911	562359	0.015	0.62	
11.815	285662042	2763711	0.010	4.72	
11.882	184618268	2644974	0.014	3.05	
12.360	50390575	516828	0.010	0.83	
12.738	91970277	1268202	0.014	1.52	
12.846	42524800	605899	0.014	0.70	
13.116	45353391	535051	0.012	0.75	
13.284	433307639	5559916	0.013	7.17	
13.404	11643663	162812	0.014	0.19	
13.862	15758006	113905	0.007	0.26	
15.131	46446565	507829	0.011	0.76	
15.899	104633633	1049587	0.010	1.73	
16.804	23145428	209720	0.009	0.38	
17.352	375360895	3064889	0.008	6.21	\$ 34 DCB
===== 6042303439	===== 77707168	===== 100.000			

Total unknown % area = 58.52

Data File: \\Terastation\share\GCdata\GC66B.I\040710.B\0407-007.D
 Date: 08-APR-2010 00:15
 Client ID:
 Sample Info: 1660_100 09CCSV0491 ICAL211;2;1;1;
 Column phase: DB-1701

Instrument: GC66B.i
 Operator: VN
 Column diameter: 0.53

\\Terastation\share\GCdata\GC66B.I\040710.B\0407-007.D



Chromatography Summary
Method 8082 Target Analyte Results

Injection Date: 4/8/2010 0:40 Operator: VN
DataFile: GC66B.N040710.B\0407-008.D Vial Num: 5
Instrument ID: GC66B

Sample : 1660_200 09GCSV0492 ICAL3

Method File: GC66B.N040710.B\8082.M
Start Cal Date: End Cal Date:

Matrix: NONE SubList: 1-1660CAL.SUB SpikeList:
Samp. Info: 1660_200 09GCSV0492 ICAL3;1;3;;;
Misc. Info: 3;1-1660CAL.SUB;;

Dilution Factor	Extract Volume	Sample Volume	Sample Weight
1X	0 mL	0 mL	0 g

Column1 DB-1701 30mX320umX1000um

Compound Name	RT	Response	Spike Level	Flag	Response Factor
TCX	3.68	1316865823	25		52674632.92
DCB	17.35	934055054	25		37362202.16
Aroclor 1016-Totals	1.00	1215373878	200		6076869.39
Aroclor 1260-Totals	1.00	1813010053	200		9065050.265

Notes: M = Manually Integrated
D = Operator Disabled Result
O = Over Calibration Range

TestAmerica West Sacramento

8082, TO-4, TO-4A, TO-10, and TO-10A
 Data file : \\Terastation\share\GCdata\GC66B.I\040710.B\0407-008.D
 Lab Smp Id: 1660 200 09GCSV0492
 Inj Date : 08-APR-2010 00:40
 Operator : VN Inst ID: GC66B.i
 Smp Info : 1660 200 09GCSV0492 ICAL3;1;;3;;;;
 Misc Info : 3;1-1660CAL.SUB;;;;
 Comment : PCBs by GC-ECD
 Method : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.m
 Meth Date : 08-Apr-2010 01:02 tap Quant Type: AREA%
 Cal Date : 18-MAR-2010 18:05 Cal File: 0318-005.D
 Als bottle: 5 Calibration Sample, Level: 3
 Dil Factor: 1.00000
 Integrator: HP Genie Compound Sublist: 1-1660CAL.SUB
 Target Version: 4.14
 Processing Host: SACP307P

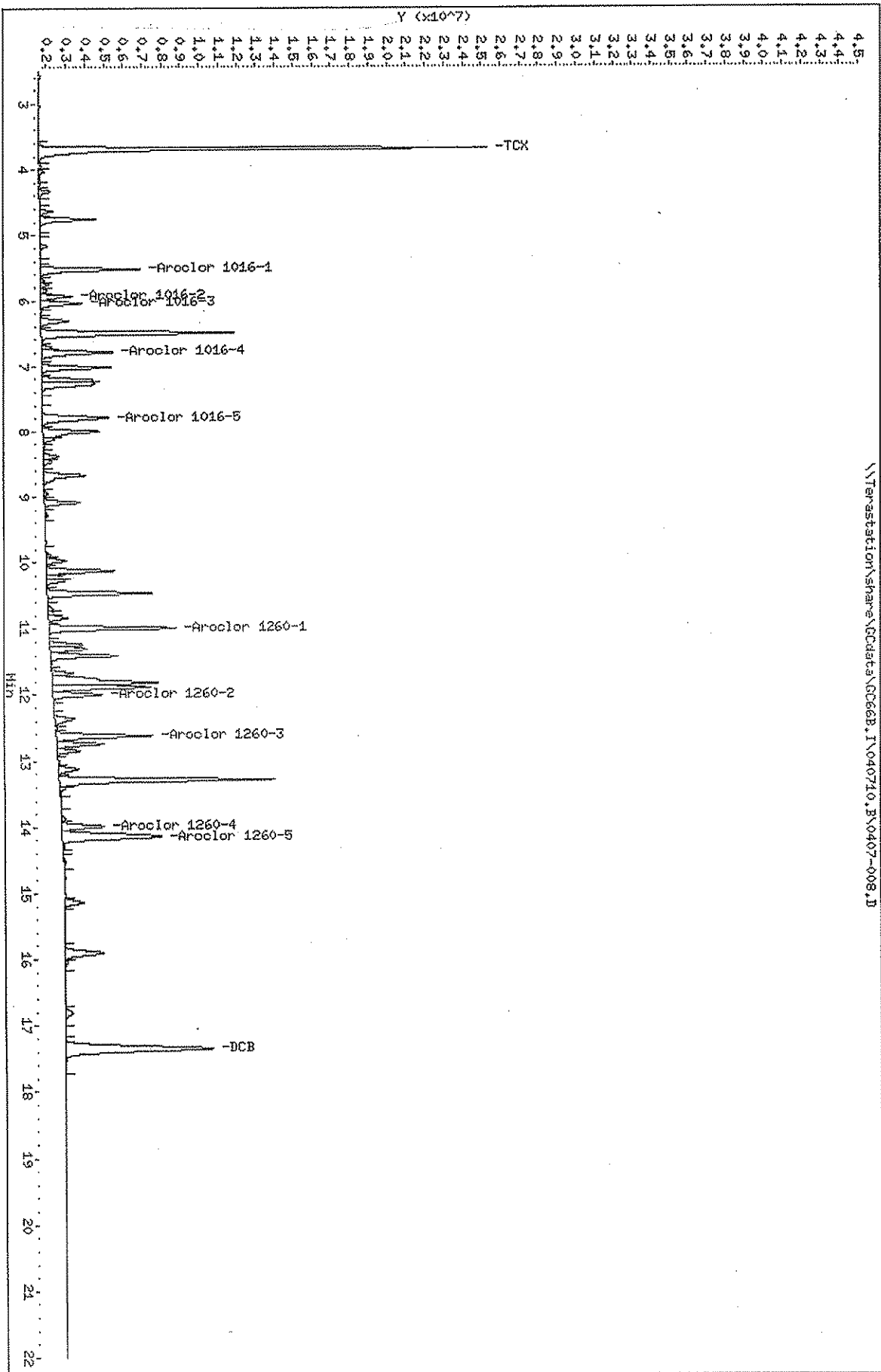
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
1.000	1215373878	16242912	0.013	10.02	M 190 Aroclor 1016-Totals
5.521	348336897	5232521	0.015		191 Aroclor 1016-1
5.932	109171820	1661546	0.015		192 Aroclor 1016-2
6.038	148431215	2144139	0.014		193 Aroclor 1016-3
6.788	291022123	3714771	0.013		194 Aroclor 1016-4
7.787	318411823	3489935	0.011		195 Aroclor 1016-5
1.000	1813010053	21754748	0.012	15.20	M 196 Aroclor 1260-Totals
10.993	463569793	6624372	0.014		197 Aroclor 1260-1
11.996	198574644	2601066	0.013		198 Aroclor 1260-2
12.622	370416959	5077731	0.014		199 Aroclor 1260-3
13.984	177299314	2263877	0.013		200 Aroclor 1260-4
14.144	603149343	5187702	0.009		201 Aroclor 1260-5
3.685	1316865824	23701688	0.018	10.86	\$ 13 TCX
4.022	20011086	295089	0.015	0.16	
4.328	36681258	580514	0.016	0.30	
4.630	41315730	667884	0.016	0.34	
4.754	193554038	2943425	0.015	1.59	
5.163	25887481	386923	0.015	0.21	
5.687	13501117	215249	0.016	0.11	
5.755	28543240	439714	0.015	0.23	
5.839	22930685	369483	0.016	0.18	
6.308	110232905	1427278	0.013	0.90	
6.498	747122772	10163188	0.014	6.16	
6.712	33465187	573558	0.017	0.27	
7.019	245382717	3676066	0.015	2.02	
7.214	160286152	2710860	0.017	1.32	
7.260	286334185	2805264	0.010	2.36	
7.999	258651146	2983217	0.012	2.13	
8.118	39048142	610347	0.016	0.32	
8.380	57636645	785536	0.014	0.47	
8.458	33066209	467771	0.014	0.27	
8.672	194620646	2211464	0.011	1.60	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
8.945	14996392	226057	0.015	0.12	
9.082	132083530	1887894	0.014	1.08	
9.278	15824421	174290	0.011	0.13	
9.891	18074398	283776	0.016	0.14	
9.970	73002092	1016566	0.014	0.60	
10.128	255303197	3541212	0.014	2.10	
10.220	45706040	810648	0.018	0.37	
10.271	68696291	963818	0.014	0.56	
10.465	391031352	5502219	0.014	3.22	
10.712	19465630	261202	0.013	0.16	
10.765	15641226	287349	0.018	0.12	
10.837	71128190	958370	0.013	0.58	
11.239	114956710	1719395	0.015	0.94	
11.304	129320867	1891869	0.015	1.06	
11.409	248204039	3506622	0.014	2.04	
11.670	72860356	1146288	0.016	0.60	
11.814	548702494	5547250	0.010	4.52	
11.882	352327135	5142637	0.015	2.90	
12.359	96215422	1052781	0.011	0.79	
12.739	177151548	2462409	0.014	1.46	
12.845	84522009	1224505	0.014	0.69	
13.118	89321057	1073112	0.012	0.73	
13.285	849078269	11391238	0.013	7.00	
13.407	21633296	296478	0.014	0.17	
13.865	17696459	192325	0.011	0.14	
14.523	10310362	126330	0.012	0.08	
15.134	92665922	1017221	0.011	0.76	
15.902	212421556	2021715	0.010	1.75	
16.030	10201688	120155	0.012	0.08	
16.807	48269449	414497	0.009	0.39	
17.354	934055055	7791077	0.008	7.70	\$ 34 DCB
	12124387557	160063483		100.000	

Total unknown % area = 56.22

Data File: \\Terastation\share\GCdata\GC66B.I\040710.B\0407-008.D
Date: 08-09-2010 00:40
Client ID:
Sample Info: 1660_200 09SCSV0492 ICAL31131313
Column phase: DB-1701

Instrument: GC66B.1
Operator: VN
Column diameter: 0.53



Chromatography Summary
 Method 8082 Target Analyte Results

Injection Date: 4/8/2010 1:05 Operator: VN
 Data File: GC66B.N040710.B\0407-009.D Vial Num: 6
 Instrument ID: GC66B

Sample: 1660_300 09GCSV0493 ICAL4

Method File: GC66B.N040710.B\8082.M

Start Cal Date: End Cal Date:

Matrix: NONE SubList: 1-1660CAL.SUB SpikeList:
 Samp. Info: 1660_300 09GCSV0493 ICAL4;1;4;;
 Misc. Info: 3;1-1660CAL.SUB;;

Dilution Factor	Extract Volume	Sample Volume	Sample Weight
1X	0 mL	0 mL	0 g

Column1 DB-1701 30mX320umX1000nm

Compound Name	RT	Response	Spike Level	Flag	Response Factor
TCX	3.69	2623367477	50		52467349.54
DCB	17.35	1787303761	50		35746075.22
Aroclor 1016-Totals	1.00	1840289270	300		6134297.567
Aroclor 1260-Totals	1.00	2774606404	300		9248688.013

Notes: M = Manually Integrated
 D = Operator Disabled Result
 O = Over Calibration Range

TestAmerica West Sacramento

8082, TO-4, TO-4A, TO-10, and TO-10A
 Data file : \\Terastation\share\GCdata\GC66B.I\040710.B\0407-009.D
 Lab Smp Id: 1660 300 09GCSV0493
 Inj Date : 08-APR-2010 01:05
 Operator : VN Inst ID: GC66B.i
 Smp Info : 1660 300 09GCSV0493 ICAL4;1;;4;;;
 Misc Info : 3;1-1660CAL.SUB;;;
 Comment : PCBs by GC-ECD
 Method : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.m
 Meth Date : 08-Apr-2010 01:27 tap Quant Type: AREA%
 Cal Date : 18-MAR-2010 18:05 Cal File: 0318-005.D
 Als bottle: 6 Calibration Sample, Level: 4
 Dil Factor: 1.00000
 Integrator: HP Genie Compound Sublist: 1-1660CAL.SUB
 Target Version: 4.14
 Processing Host: SACP307P

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
1.000	1840289270	24224080	0.013	9.21	M 190 Aroclor 1016-Totals
5.521	527819896	7650263	0.014		191 Aroclor 1016-1
5.932	165818858	2475027	0.015		192 Aroclor 1016-2
6.039	223680345	3162316	0.014		193 Aroclor 1016-3
6.789	439986631	5599584	0.013		194 Aroclor 1016-4
7.789	482983540	5336890	0.011		195 Aroclor 1016-5
1.000	2774606404	33270478	0.012	14.22	M 196 Aroclor 1260-Totals
10.994	707731804	10113148	0.014		197 Aroclor 1260-1
11.996	300560565	4279573	0.014		198 Aroclor 1260-2
12.623	576621012	7765745	0.013		199 Aroclor 1260-3
13.985	267303544	3382344	0.013		200 Aroclor 1260-4
14.143	922389479	7729668	0.008		201 Aroclor 1260-5
2.580	23812450	292269	0.012	0.11	
2.735	13274242	215703	0.016	0.06	
2.911	49302717	930276	0.019	0.24	
3.035	13729395	246052	0.018	0.06	
3.685	2623367478	45212689	0.017	13.13	\$ 13 TCX
4.022	32249815	459198	0.014	0.16	
4.327	56707042	833027	0.015	0.28	
4.631	61962345	963565	0.016	0.31	
4.753	299052642	4259326	0.014	1.49	
5.163	38412231	572266	0.015	0.19	
5.690	20181364	323434	0.016	0.10	
5.755	43797895	652733	0.015	0.21	
5.839	34875809	535407	0.015	0.17	
6.310	167921523	2127305	0.013	0.84	
6.499	1144568770	15237758	0.013	5.73	
6.713	48661165	836551	0.017	0.24	
7.021	372381620	5393578	0.014	1.86	
7.219	233203497	4041116	0.017	1.16	
7.260	439003344	4157316	0.009	2.19	
7.513	14676154	150567	0.010	0.07	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
7.999	392490057	4519873	0.012	1.96	
8.118	59638296	893276	0.015	0.29	
8.379	87050410	1166375	0.013	0.43	
8.482	126785489	1431965	0.011	0.63	
8.670	296219881	3257079	0.011	1.48	
8.829	16761216	223028	0.013	0.08	
8.947	24512705	349840	0.014	0.12	
9.084	198001731	2792572	0.014	0.99	
9.281	24779755	262826	0.011	0.12	
9.890	26899531	430198	0.016	0.13	
9.972	108834443	1539756	0.014	0.54	
10.126	391182446	5273311	0.013	1.95	
10.221	66528139	1217165	0.018	0.33	
10.270	105133025	1448581	0.014	0.52	
10.466	589675450	8342225	0.014	2.95	
10.710	32412829	421240	0.013	0.16	
10.766	21486765	447912	0.021	0.10	
10.837	110146640	1459394	0.013	0.55	
11.241	170794721	2482963	0.015	0.85	
11.302	208931802	2855767	0.014	1.04	
11.409	390958117	5287635	0.014	1.95	
11.671	110820481	1742336	0.016	0.55	
11.816	855865053	8755504	0.010	4.28	
11.886	521237360	7543047	0.014	2.61	
12.359	146611952	1622547	0.011	0.73	
12.508	37501588	464918	0.012	0.18	
12.741	270037505	3682501	0.014	1.35	
12.845	129415047	1767990	0.014	0.64	
13.008	10336874	168430	0.016	0.05	
13.119	136361953	1643814	0.012	0.68	
13.284	1314873817	17925239	0.014	6.58	
13.405	27351292	403044	0.015	0.13	
13.633	41714686	334988	0.008	0.20	
13.865	21966032	274147	0.012	0.11	
14.527	18387003	229672	0.012	0.09	
14.805	48623121	310553	0.006	0.24	
15.029	14984905	189866	0.013	0.07	
15.134	142206903	1513302	0.011	0.71	
15.901	320192441	3248420	0.010	1.60	
16.035	16881721	188522	0.011	0.08	
16.254	39808211	230749	0.006	0.19	
16.806	74697081	685994	0.009	0.37	
17.351	1787303761	14663063	0.008	8.95	\$ 34 DCB
18.017	42860464	192846	0.004	0.21	
20.248	40383185	147018	0.004	0.20	
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	19965683063	258966185		100.000	

Total unknown % area = 54.49

Data File: \\Terastation\share\GCdata\GC66B.I\040710.B\0407-009.D
Date: 08-APR-2010 01:05

Client ID:

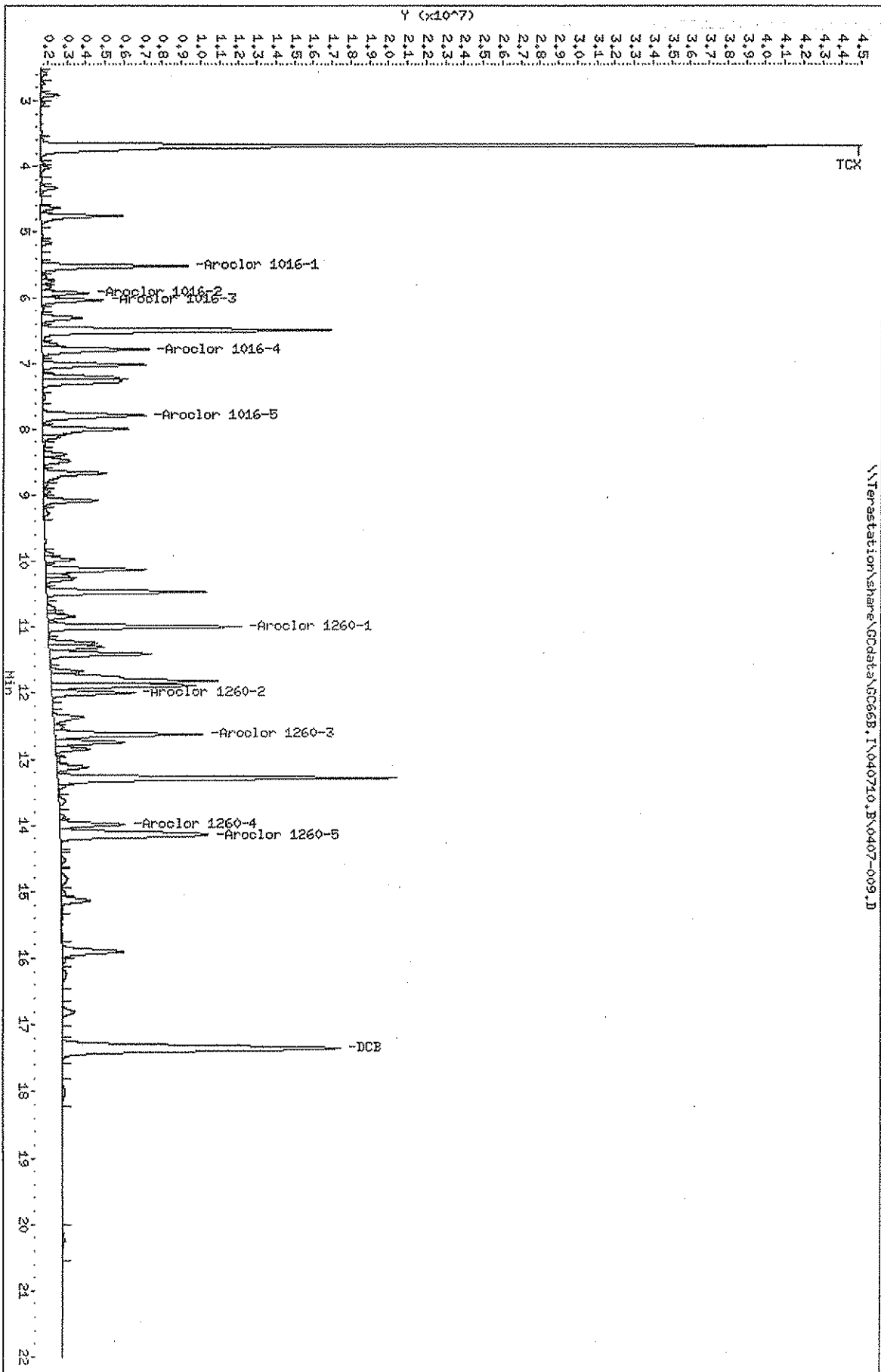
Sample Info: 1660_300 09SCSW0493 ICN14114111

Column phase: DB-1701

Instrument: GC66B.1

Operator: VN

Column diameter: 0.53



Chromatography Summary
Method 8082 Target Analyte Results

Injection Date: 4/8/2010 1:30 Operator: VN
 DataFile: GC66B.N040710.B\0407-010.D Vial Num: 7
 Instrument ID: GC66B

Sample : **1660_500 09GCSV0494 ICAL5**

Method File: GC66B.N040710.B\8082.M
 Start Cal Date: End Cal Date:

Matrix: NONE SubList: 1-1660CAL.SUB SpikeList:
 Samp. Info: 1660_500 09GCSV0494 ICAL5;1;;5;;;
 Misc. Info: 3;1-1660CAL.SUB;;

Dilution Factor	Extract Volume	Sample Volume	Sample Weight
1X	0 mL	0 mL	0 g

Column1 DB-1701 30mX320umX1000nm

Compound Name	RT	Response	Spike Level	Flag	Response Factor
TCX	3.68	3754805616	70		53640080.23
DCB	17.35	2642677784	70		37752539.77
Aroclor 1016-Totals	1.00	2909314514	500		5818629.028
Aroclor 1260-Totals	1.00	4691436118	500		9382872.236

Notes: M = Manually Integrated
 D = Operator Disabled Result
 O = Over Calibration Range

TestAmerica West Sacramento

8082, TO-4, TO-4A, TO-10, and TO-10A

Data file : \\Terastation\share\GCdata\GC66B.I\040710.B\0407-010.D
 Lab Smp Id: 1660 500 09GCSV0494
 Inj Date : 08-APR-2010 01:30
 Operator : VN Inst ID: GC66B.i
 Smp Info : 1660 500 09GCSV0494 ICAL5;1;;5;;;
 Misc Info : 3;1-1660CAL.SUB;;;
 Comment : PCBs by GC-ECD
 Method : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.m
 Meth Date : 08-Apr-2010 01:53 tap Quant Type: AREA%
 Cal Date : 18-MAR-2010 18:05 Cal File: 0318-005.D
 Als bottle: 7 Calibration Sample, Level: 5
 Dil Factor: 1.00000
 Integrator: HP Genie Compound Sublist: 1-1660CAL.SUB
 Target Version: 4.14
 Processing Host: SACP307P

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
1.000	2909314514	39299146	0.014	9.14	M 190 Aroclor 1016-Totals
5.522	836688324	12415296	0.015		191 Aroclor 1016-1
5.934	261835079	3972969	0.015		192 Aroclor 1016-2
6.039	348886816	5054839	0.014		193 Aroclor 1016-3
6.790	696519166	9153585	0.013		194 Aroclor 1016-4
7.786	765385129	8702457	0.011		195 Aroclor 1016-5
1.000	4691436118	56565162	0.012	15.11	M 196 Aroclor 1260-Totals
10.994	1167040312	16639108	0.014		197 Aroclor 1260-1
11.997	503508090	7117847	0.014		198 Aroclor 1260-2
12.624	971683399	13054867	0.013		199 Aroclor 1260-3
13.986	453501338	5956203	0.013		200 Aroclor 1260-4
14.144	1595702979	13797137	0.009		201 Aroclor 1260-5
2.911	92658972	1846530	0.020	0.29	
3.034	30934502	573229	0.019	0.09	
3.685	3754805616	66842719	0.018	11.79	\$ 13 TCX
3.952	15081014	275786	0.018	0.04	
4.022	48697082	717687	0.015	0.15	
4.328	87172924	1323289	0.015	0.27	
4.631	96575193	1550422	0.016	0.30	
4.754	468453553	6971191	0.015	1.47	
5.164	59398019	891128	0.015	0.18	
5.690	32694056	520164	0.016	0.10	
5.754	69152089	1026719	0.015	0.21	
5.839	53965171	854322	0.016	0.16	
6.167	24081126	251219	0.010	0.07	
6.310	262546211	3395072	0.013	0.82	
6.500	1854022721	25771244	0.014	5.82	
6.712	76990322	1344440	0.017	0.24	
7.021	592936225	8867382	0.015	1.86	
7.212	381774504	6543539	0.017	1.19	
7.268	676818228	6775479	0.010	2.12	
7.514	32535019	293026	0.009	0.10	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
8.000	628862759	7282930	0.012	1.97	
8.116	92802411	1456462	0.016	0.29	
8.218	15559745	231502	0.015	0.04	
8.381	139230605	1892740	0.014	0.43	
8.476	150133933	1650741	0.011	0.47	
8.670	472558406	5331599	0.011	1.48	
8.829	28538931	348327	0.012	0.08	
8.948	40408891	562166	0.014	0.12	
9.084	318716205	4452907	0.014	1.00	
9.279	39965691	414296	0.010	0.12	
9.892	43327801	685975	0.016	0.13	
9.972	174400212	2408899	0.014	0.54	
10.127	613239236	8363591	0.014	1.92	
10.220	114684296	2004665	0.017	0.36	
10.271	166027840	2369041	0.014	0.52	
10.465	969849619	14070079	0.015	3.04	
10.712	54590716	705761	0.013	0.17	
10.767	41521198	772686	0.019	0.13	
10.837	184559473	2416631	0.013	0.57	
11.240	279276673	4063080	0.015	0.87	
11.303	337052016	4743133	0.014	1.05	
11.409	627515327	8858130	0.014	1.97	
11.670	184861787	2863150	0.015	0.58	
11.818	1446900987	14490237	0.010	4.54	
11.885	874362419	12793153	0.015	2.74	
12.360	240607714	2705868	0.011	0.75	
12.506	49883491	672962	0.013	0.15	
12.741	451613401	6302748	0.014	1.41	
12.843	217974011	3084554	0.014	0.68	
13.010	17796913	291726	0.016	0.05	
13.116	232294106	2748598	0.012	0.72	
13.286	2292830195	31357465	0.014	7.20	
13.402	41336217	681285	0.016	0.12	
13.636	47296412	380589	0.008	0.14	
13.862	37017486	466588	0.013	0.11	
14.523	29813374	364608	0.012	0.09	
14.786	56877672	376973	0.007	0.17	
15.027	25244610	334917	0.013	0.07	
15.132	240306038	2653624	0.011	0.75	
15.900	553191668	5444819	0.010	1.73	
16.040	27806129	315562	0.011	0.08	
16.256	41622520	247701	0.006	0.13	
16.809	126275266	1132600	0.009	0.39	
17.353	2642677785	21283235	0.008	8.30	\$ 34 DCB
18.019	44168964	198044	0.004	0.13	
20.258	31204445	177752	0.006	0.09	
20.276	29645230	175760	0.006	0.09	
=====					
	31828474004	419128754		100.000	

Total unknown % area = 55.66

Data File: \\Terastation\share\GCdata\GC66B.I\040710.B\0407-010.D

Date: 08-08-2010 01:30

Client ID:

Sample Info: 1660_500 09CCSV0494 ICALS1115777

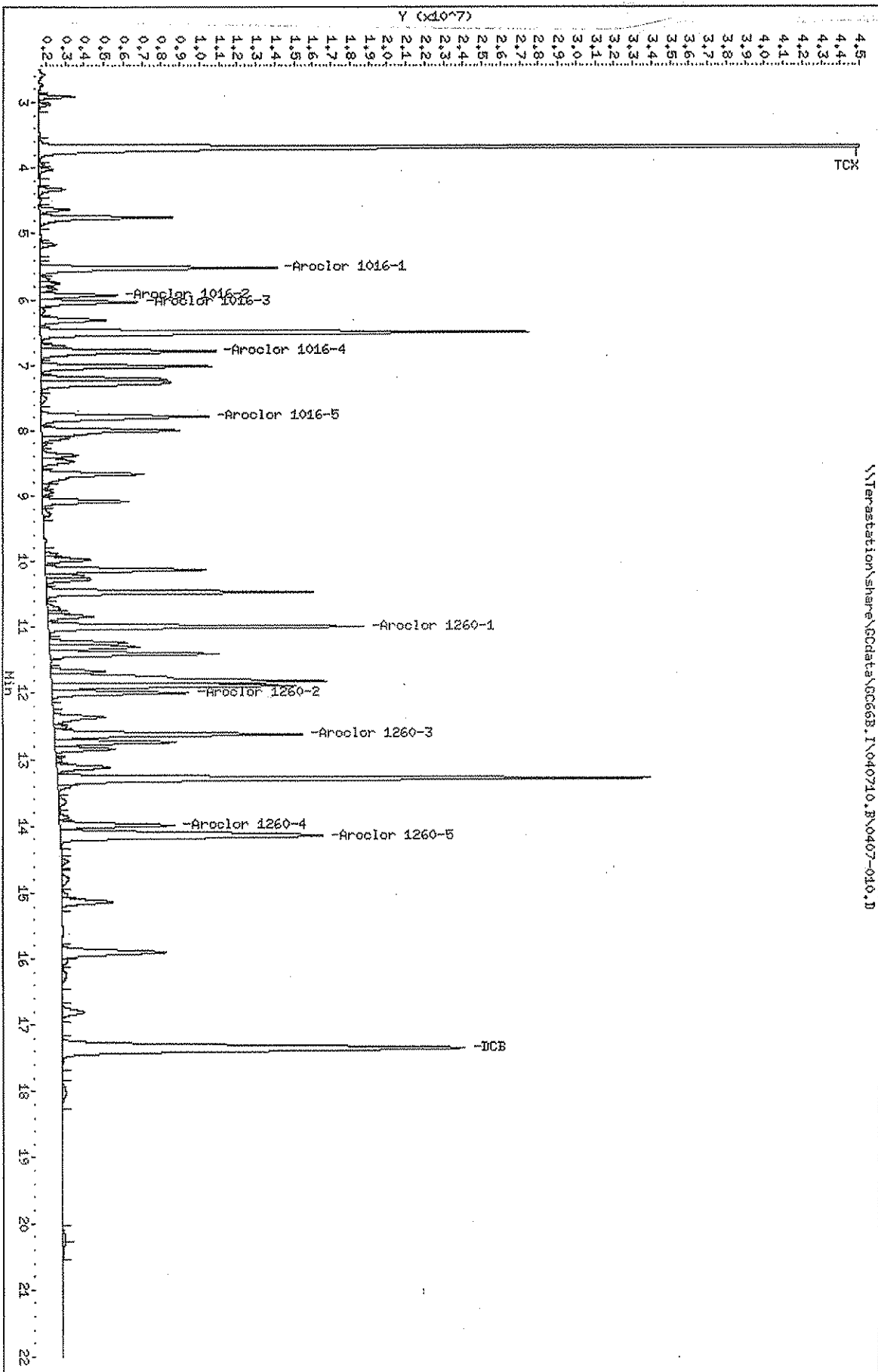
Column phase: DB-1701

Instrument: GC66B.i

Operator: UK

Column diameter: 0.53

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Chromatography Summary
Method 8082 Target Analyte Results

Injection Date: 4/8/2010 1:55 Operator: VN
 DataFile: GC66B.I\040710.B\0407-011.D Vial Num: 8
 Instrument ID: GC66B

Sample: **1660_1000 09GCSV0495 ICAL6**

Method File: GC66B.I\040710.B\8082.M
 Start Cal Date: End Cal Date:

Matrix: NONE SubList: 1-1660CAL.SUB SpikeList:
 Samp. Info: 1660_1000 09GCSV0495 ICAL6;1;;6;;;
 Misc. Info: 3;1-1660CAL.SUB;;

Dilution Factor	Extract Volume	Sample Volume	Sample Weight
IX	0 mL	0 mL	0 g

Column1 DB-1701 30mX320umX1000nm

Compound Name	RT	Response	Spike Level	Flag	Response Factor
TCX	3.69	5451353806	100		54513538.06
DCB	17.36	3447203672	100		34472036.72
Aroclor 1016-Totals	1.00	5595002342	1000		5595002.342
Aroclor 1260-Totals	1.00	8601596465	1000		8601596.465

Notes: M = Manually Integrated
 D = Operator Disabled Result
 O = Over Calibration Range

TestAmerica West Sacramento

8082, TO-4, TO-4A, TO-10, and TO-10A

Data file : \\Terastation\share\GCdata\GC66B.I\040710.B\0407-011.D
 Lab Smp Id: 1660 1000 09GCSV049
 Inj Date : 08-APR-2010 01:55
 Operator : VN
 Smp Info : 1660 1000 09GCSV0495 ICAL6;1;;6;;;
 Misc Info : 3;1-1660CAL.SUB;;;
 Comment : PCBs by GC-ECD
 Method : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.m
 Meth Date : 08-Apr-2010 02:18 tap
 Cal Date : 18-MAR-2010 18:05
 Als bottle: 8
 Dil Factor: 1.00000
 Integrator: HP Genie
 Target Version: 4.14
 Processing Host: SACP307P

Inst ID: GC66B.i
 Quant Type: AREA%
 Cal File: 0318-005.D
 Calibration Sample, Level: 6
 Compound Sublist: 1-1660CAL.SUB

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
1.000	5595002342	75167219	0.013	10.09	M 190 Aroclor 1016-Totals
5.522	1622602281	24125997	0.015		191 Aroclor 1016-1
5.934	499213135	7636899	0.015		192 Aroclor 1016-2
6.040	671984958	9690973	0.014		193 Aroclor 1016-3
6.791	1340876562	17380241	0.013		194 Aroclor 1016-4
7.790	1460325406	16333109	0.011		195 Aroclor 1016-5
1.000	8601596465	105061354	0.012	15.81	M 196 Aroclor 1260-Totals
10.993	2145316824	31379934	0.015		197 Aroclor 1260-1
11.998	924040993	12975516	0.014		198 Aroclor 1260-2
12.624	1778039359	24190970	0.014		199 Aroclor 1260-3
13.987	816561774	10684523	0.013		200 Aroclor 1260-4
14.144	2937637515	25830411	0.009		201 Aroclor 1260-5
3.036	14368883	210772	0.015	0.02	
3.685	5451353807	94862486	0.017	9.84	\$ 13 TCX
3.953	28489035	511072	0.018	0.05	
4.023	85492502	1220947	0.014	0.15	
4.329	162819634	2497843	0.015	0.29	
4.631	177014738	2776466	0.016	0.31	
4.755	872473927	13444227	0.015	1.57	
5.164	108493882	1646072	0.015	0.19	
5.691	60840975	960126	0.016	0.10	
5.755	127890868	1915815	0.015	0.23	
5.840	97382649	1504805	0.015	0.17	
6.311	493551302	6191882	0.013	0.89	
6.501	3645322816	50234049	0.014	6.58	
6.714	142619920	2424167	0.017	0.25	
7.023	1148323793	16743178	0.015	2.07	
7.220	714258703	11994898	0.017	1.28	
7.261	1302105975	12726774	0.010	2.35	
8.001	1207108978	14355849	0.012	2.17	
8.117	168120039	2655596	0.016	0.30	
8.221	30798627	439144	0.014	0.05	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
8.382	259394633	3549524	0.014	0.46	
8.461	149680736	2082322	0.014	0.27	
8.672	863616247	9648667	0.011	1.55	
8.948	71729747	990234	0.014	0.12	
9.086	581903993	7962212	0.014	1.05	
9.281	73262907	749921	0.010	0.13	
9.693	16230662	216158	0.013	0.02	
9.894	80124711	1273234	0.016	0.14	
9.975	319722284	4400775	0.014	0.57	
10.129	1158491502	16840231	0.015	2.09	
10.222	209138048	3599202	0.017	0.37	
10.273	307431412	4287134	0.014	0.55	
10.466	1808589471	25342042	0.014	3.26	
10.711	99320077	1294882	0.013	0.17	
10.770	78012726	1413986	0.018	0.14	
10.839	326676434	4412156	0.014	0.58	
11.242	503572000	7620498	0.015	0.90	
11.305	589374117	8422698	0.014	1.06	
11.411	1175526841	16703404	0.014	2.12	
11.674	332755653	5005000	0.015	0.60	
11.818	2690206813	27960910	0.010	4.85	
11.887	1626200624	24136485	0.015	2.93	
12.362	427707279	4730319	0.011	0.77	
12.501	43154529	660401	0.015	0.07	
12.742	819618141	11652900	0.014	1.47	
12.847	395061651	5525359	0.014	0.71	
13.012	33421259	568114	0.017	0.06	
13.119	421298909	4930919	0.012	0.76	
13.287	4292788816	57511005	0.013	7.74	
13.407	73908984	1214844	0.016	0.13	
13.867	62845991	848743	0.014	0.11	
14.528	47334984	590699	0.012	0.08	
14.766	29837713	342359	0.011	0.05	
15.029	45930963	631185	0.014	0.08	
15.135	435958424	4795393	0.011	0.78	
15.905	997179039	9635845	0.010	1.80	
16.037	50247512	565887	0.011	0.09	
16.812	218845776	1905705	0.009	0.39	
17.357	3447203673	28838053	0.008	6.22	\$ 34 DCB
	55398735144	732404146		100.000	

Total unknown % area = 58.04

Data File: \\Terastation\share\GCdata\GC66B.I\040710.B\0407-011.D

Date : 08-APR-2010 01:55

Client ID:

Sample Info: 1660_1000 090CSW0495 ICAL611616111

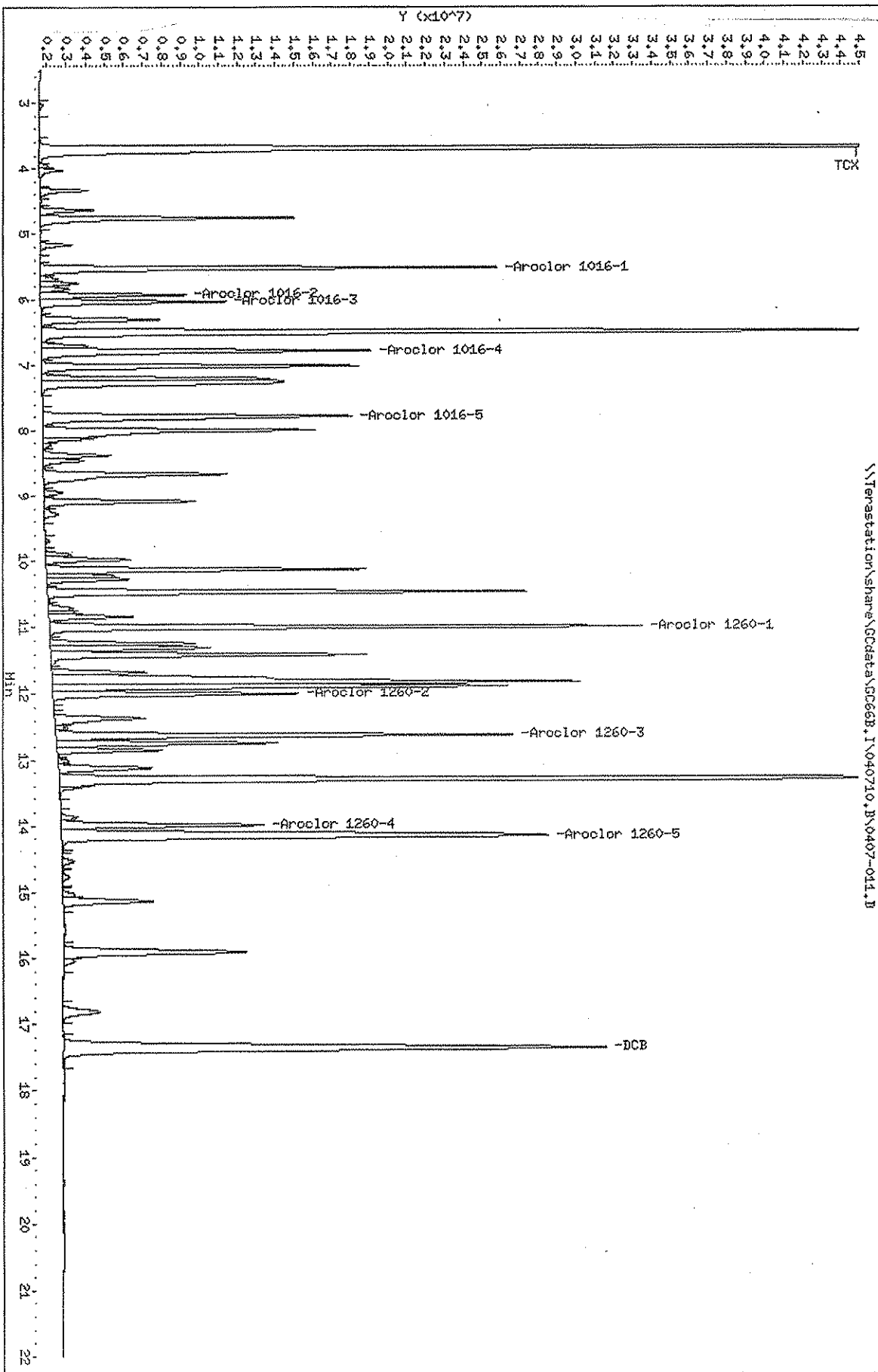
Column phase: DB-1701

Instrument: GC66B.1

Operator: VN

Column diameter: 0.53

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Chromatography Summary
 Method 8082 Target Analyte Results

Injection Date: 4/8/2010 2:21 Operator: VN
 DataFile: GC66B.I\040710.B\0407-012.D Vial Num: 9
 Instrument ID: GC66B

Sample: 1660_2000 09GCSV0496 ICAL7

Method File: GC66B.I\040710.B\8082.M
 Start Cal Date: End Cal Date:

Matrix: NONE SubList: 1-1660CAL.SUB SpikeList:
 Samp. Info: 1660_2000 09GCSV0496 ICAL7;1;;7;;;
 Misc. Info: 3;1-1660CAL.SUB;;

Dilution Factor	Extract Volume	Sample Volume	Sample Weight
IX	0 mL	0 mL	0 g

Column1 DB-1701 30mX320umX1000nm

Compound Name	RT	Response	Spike Level	Flag	Response Factor
TCX	3.69	11145612524	200	O	55728062.62
DCB	17.36	7062600362	200		35313001.81
Aroclor 1016-Totals	1.00	11075702528	2000		5537851.264
Aroclor 1260-Totals	1.00	17634071894	2000		8817035.947

Notes: M = Manually Integrated
 D = Operator Disabled Result
 O = Over Calibration Range

TestAmerica West Sacramento

8082, TO-4, TO-4A, TO-10, and TO-10A
 Data file : \\Terastation\share\GCdata\GC66B.I\040710.B\0407-012.D
 Lab Smp Id: 1660 2000 09GCSV049
 Inj Date : 08-APR-2010 02:21
 Operator : VN Inst ID: GC66B.i
 Smp Info : 1660 2000 09GCSV0496 ICAL7;1;;7;;;
 Misc Info : 3;1-1660CAL.SUB;;;
 Comment : PCBs by GC-ECD
 Method : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.m
 Meth Date : 08-Apr-2010 02:43 tap Quant Type: AREA%
 Cal Date : 18-MAR-2010 18:05 Cal File: 0318-005.D
 Als bottle: 9 Calibration Sample, Level: 7
 Dil Factor: 1.00000
 Integrator: HP Genie Compound Sublist: 1-1660CAL.SUB
 Target Version: 4.14
 Processing Host: SACP307P

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
1.000	11075702528	152372462	0.014	9.92	M 190 Aroclor 1016-Totals
5.522	3221851852	50154609	0.016		191 Aroclor 1016-1
5.934	975591382	15107569	0.015		192 Aroclor 1016-2
6.039	1317348999	19425708	0.015		193 Aroclor 1016-3
6.789	2658796731	35192654	0.013		194 Aroclor 1016-4
7.790	2902113564	32491922	0.011		195 Aroclor 1016-5
1.000	17634071894	214684230	0.012	16.12	M 196 Aroclor 1260-Totals
10.995	4437212539	64120799	0.014		197 Aroclor 1260-1
11.996	1845432392	26165092	0.014		198 Aroclor 1260-2
12.623	3614254529	48826396	0.014		199 Aroclor 1260-3
13.987	1644155961	21575405	0.013		200 Aroclor 1260-4
14.143	6093016473	53996538	0.009		201 Aroclor 1260-5
3.036	23914111	409059	0.017	0.02	
3.685	11145612524	205125850	0.018	9.98	\$ 13 TCX
3.953	53523787	973819	0.018	0.04	
4.023	153402895	2320446	0.015	0.13	
4.328	310207032	4842781	0.016	0.27	
4.492	13223797	215024	0.016	0.01	
4.631	332203474	5435273	0.016	0.29	
4.754	1709184616	27005405	0.016	1.53	
4.969	10132649	112761	0.011	0.00	
5.164	205852033	3083931	0.015	0.18	
5.691	116726475	1834077	0.016	0.10	
5.754	240325170	3774497	0.016	0.21	
5.840	181797717	2843589	0.016	0.16	
6.310	960926258	12350639	0.013	0.86	
6.500	7350271377	100293195	0.014	6.58	
6.714	268792073	4548923	0.017	0.24	
7.022	2292041549	34598453	0.015	2.05	
7.215	1382374698	24244106	0.018	1.23	
7.270	2612170583	25731071	0.010	2.33	
8.000	2422102457	29064245	0.012	2.16	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
8.119	309753615	4885616	0.016	0.27	
8.218	58869871	851280	0.014	0.05	
8.382	502359596	6692738	0.013	0.44	
8.459	284662327	3884446	0.014	0.25	
8.672	1678224454	19338472	0.012	1.50	
8.947	137407600	1952785	0.014	0.12	
9.085	1126053093	15749872	0.014	1.00	
9.281	141156645	1468086	0.010	0.12	
9.692	31571419	426624	0.014	0.02	
9.892	156215790	2504784	0.016	0.13	
9.972	607875150	8433758	0.014	0.54	
10.128	2306336510	32917427	0.014	2.06	
10.222	400640394	7141680	0.018	0.35	
10.274	590526170	8142009	0.014	0.52	
10.468	3649207085	53929892	0.015	3.26	
10.710	178846736	2419008	0.014	0.16	
10.765	148494479	2600235	0.018	0.13	
10.835	620165980	8817530	0.014	0.55	
11.241	974103019	14254277	0.015	0.87	
11.303	1173634833	16925933	0.014	1.05	
11.409	2386981859	34694339	0.015	2.13	
11.672	652207309	10042669	0.015	0.58	
11.819	5513820038	55926504	0.010	4.93	
11.884	3288061835	47556377	0.014	2.94	
12.360	845327415	9452398	0.011	0.75	
12.498	87643906	1323215	0.015	0.07	
12.742	1631444373	22515555	0.014	1.46	
12.846	780749882	10727658	0.014	0.69	
13.010	68563354	1076441	0.016	0.06	
13.121	844792713	9852186	0.012	0.75	
13.287	8959122831	125889259	0.014	8.02	
13.408	139564622	2335414	0.017	0.12	
13.868	124497397	1667798	0.013	0.11	
14.525	94310016	1158675	0.012	0.08	
14.765	57339716	663494	0.012	0.05	
15.025	93740325	1240592	0.013	0.08	
15.131	875299187	9489246	0.011	0.78	
15.905	2029766180	20691478	0.010	1.81	
16.040	104798363	1140200	0.011	0.09	
16.810	433599028	3849412	0.009	0.38	
17.356	7062600363	61159573	0.009	6.32	\$ 34 DCB
	111644895179	1501652771		100.000	

Total unknown % area = 57.66

Data File: \\Terastation\share\GCdata\GC66B.I\040710.B\0407-012.D

Date: 08-09-2010 02:21

Client ID:

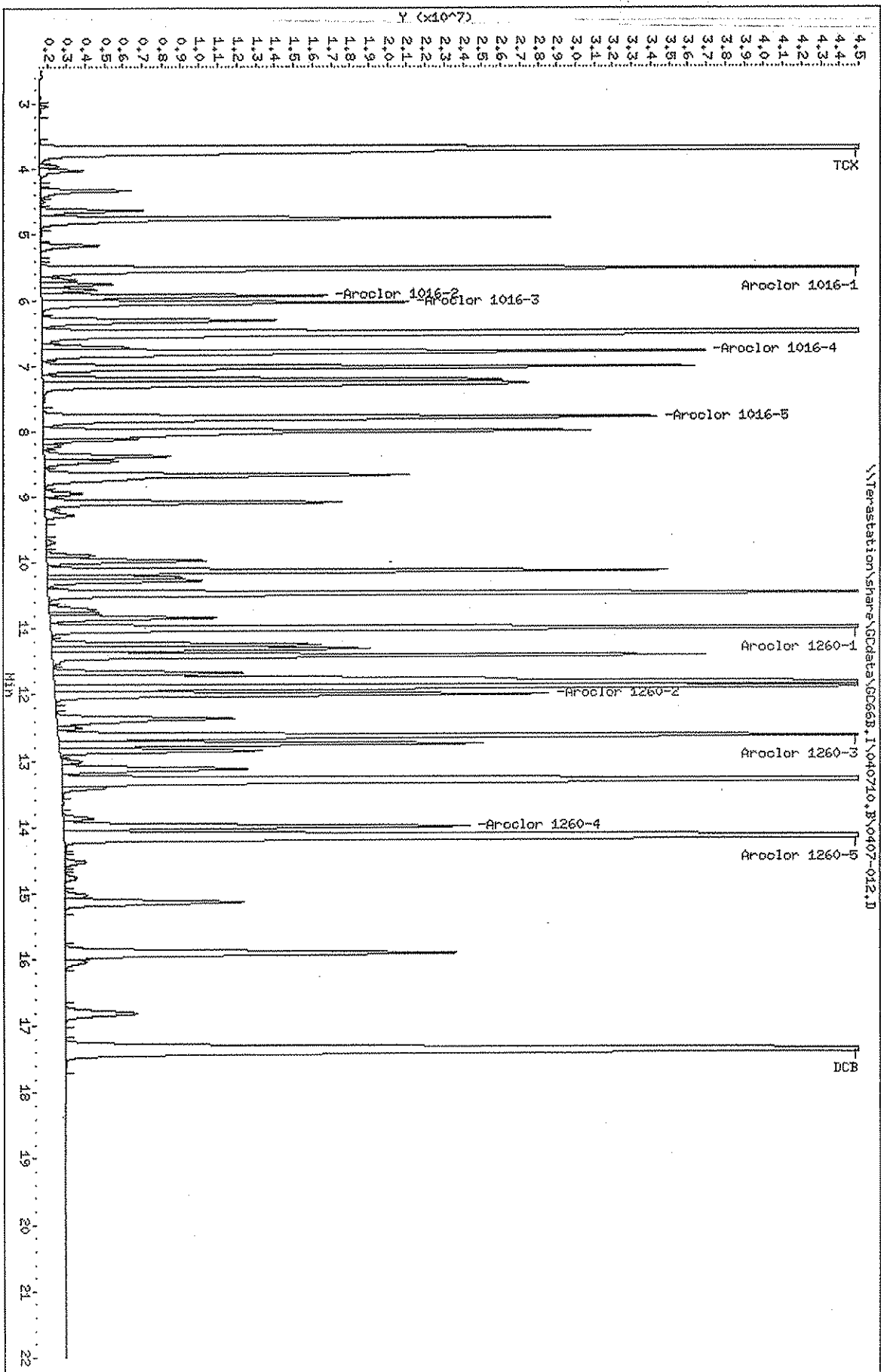
Sample Info: 1660_2000 09GC66B0496 ICAL71417111

Column phase: DB-1701

Instrument: GC66B.1

Operator: VN

Column diameter: 0.53



Chromatography Summary
Method 8082 Target Analyte Results

Injection Date: 4/8/2010 3:36 Operator: VN
 Data File: GC66B.N\040710.B\0407-015.D Vial Num: 12
 Instrument ID: GC66B

Sample: **1221-54_300 10GCSV0067 ICAL**

Method File: GC66B.N\040710.B\8082.M
 Start Cal Date: End Cal Date:

Matrix: NONE SubList: 2-1221-1254CAL.SSpikeList:
 Samp. Info: 1221-54_300 10GCSV0067 ICAL;1;4;;;
 Misc. Info: 3;2-1221-1254CAL.SUB;;

Dilution Factor	Extract Volume	Sample Volume	Sample Weight
1X	0 mL	0 mL	0 g

Column1 DB-1701 30mX320umX1000nm

Compound Name	RT	Response	Spike Level	Flag	Response Factor
Aroclor 1221-Total	1.01	634854098	300		2116180.327
Aroclor 1254-Totals	1.00	2949533959	300		9831779.863

Notes: M = Manually Integrated
 D = Operator Disabled Result
 O = Over Calibration Range

TestAmerica West Sacramento

8082, TO-4, TO-4A, TO-10, and TO-10A
 Data file : \\Terastation\share\GCdata\GC66B.I\040710.B\0407-015.D
 Lab Smp Id: 1221-54 300 10GCSV0
 Inj Date : 08-APR-2010 03:36
 Operator : VN
 Smp Info : 1221-54 300 10GCSV0067 ICAL;1;;4;;; Inst ID: GC66B.i
 Misc Info : 3;2-122I-1254CAL.SUB;;;
 Comment : PCBs by GC-ECD
 Method : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.m
 Meth Date : 08-Apr-2010 03:58 tap Quant Type: AREA%
 Cal Date : 18-MAR-2010 18:05 Cal File: 0318-005.D
 Als bottle: 12 Calibration Sample, Level: 4
 Dil Factor: 1.00000
 Integrator: HP Genie Compound Sublist: 2-1221-1254CAL.SU
 Target Version: 4.14
 Processing Host: SACP307P

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
1.000	2949533959	37505607	0.013	32.16	M 224 Aroclor 1254-Totals
8.676	676077636	8753796	0.013		225 Aroclor 1254-1
9.085	545575008	7421534	0.014		226 Aroclor 1254-2
9.893	421863159	5731446	0.014		227 Aroclor 1254-3
10.713	568572683	7655673	0.013		228 Aroclor 1254-4
11.818	737445473	7943158	0.011		229 Aroclor 1254-5
1.012	634854098	9412337	0.015	6.86	M 202 Aroclor 1221-Total
4.328	155638361	2352479	0.015		203 Aroclor 1221-1
4.632	102170381	1591629	0.016		204 Aroclor 1221-2
4.757	377045356	5468229	0.015		205 Aroclor 1221-3
3.037	120005231	2011169	0.017	1.29	
3.733	38796870	610497	0.016	0.41	
3.954	20593706	396246	0.019	0.22	
4.023	37955451	582527	0.015	0.41	
5.523	44974808	666603	0.015	0.48	
5.612	17585205	283546	0.016	0.19	
5.670	19341105	265996	0.014	0.20	
5.842	50682828	737460	0.015	0.54	
5.933	14409284	214020	0.015	0.15	
6.039	21851331	299340	0.014	0.23	
6.315	20107276	254406	0.013	0.21	
6.502	90049795	1167556	0.013	0.97	
6.792	40215471	477630	0.012	0.43	
7.023	29371604	426233	0.015	0.31	
7.212	362300553	3971593	0.011	3.92	
7.787	190284595	2458951	0.013	2.05	
8.001	79242280	1101117	0.014	0.85	
8.125	12666995	172729	0.014	0.13	
8.380	16799050	222056	0.013	0.18	
8.463	85385123	1101840	0.013	0.92	
8.744	129605326	2094666	0.016	1.40	
8.950	120580622	1721350	0.014	1.30	

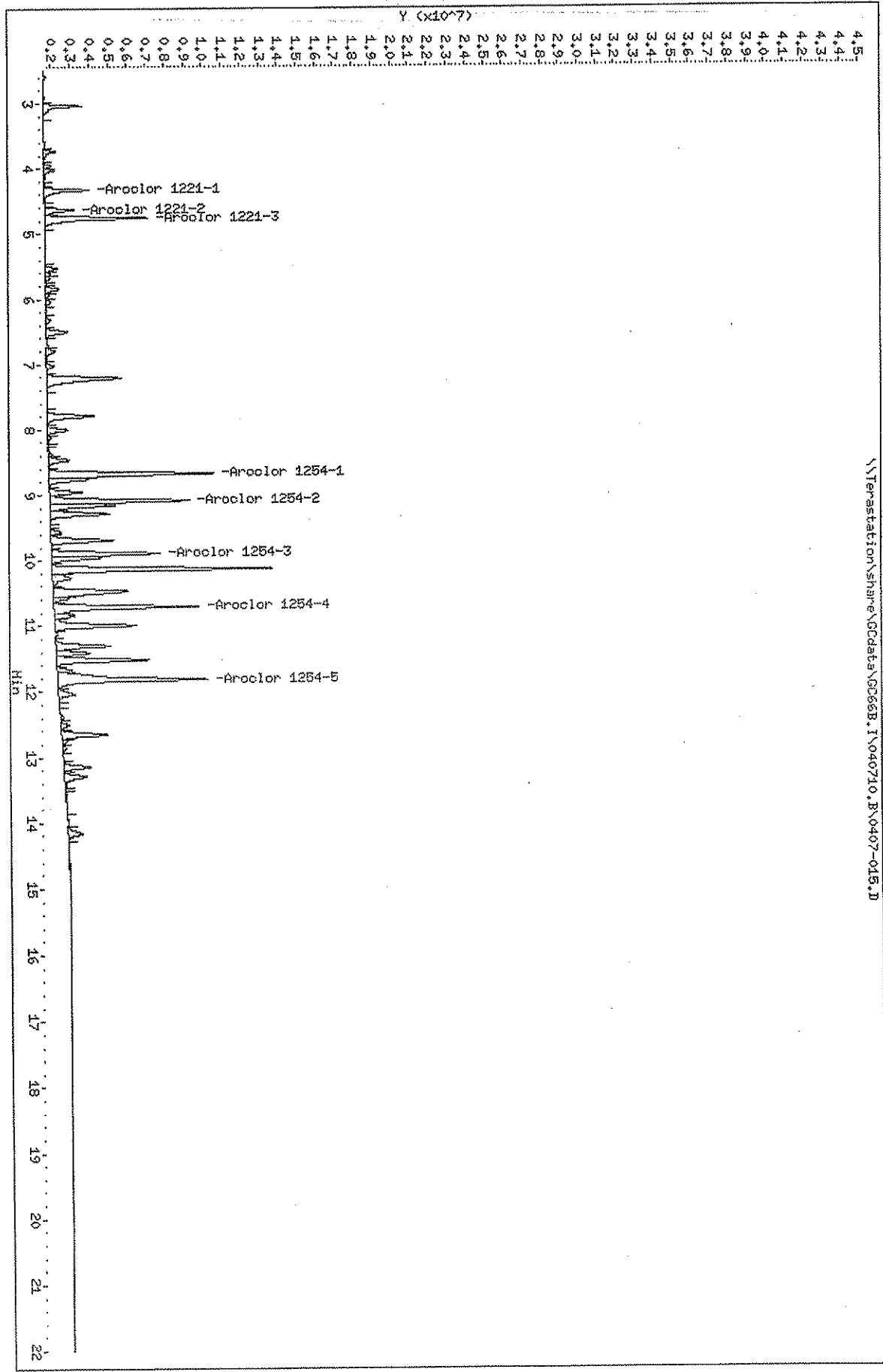
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
9.154	228006212	3465178	0.015	2.46	
9.286	243148434	3122298	0.013	2.63	
9.563	39645253	575768	0.015	0.42	
9.691	251391401	3301620	0.013	2.72	
9.959	159651907	2622390	0.016	1.72	
10.134	828685648	11692155	0.014	8.96	
10.270	105299342	960361	0.009	1.13	
10.470	383388828	3930405	0.010	4.14	
10.573	46438816	778568	0.017	0.50	
10.840	81345622	1070259	0.013	0.88	
10.996	330297450	4326836	0.013	3.57	
11.305	210170847	2884752	0.014	2.27	
11.411	125152432	1772351	0.014	1.35	
11.518	355403866	4907963	0.014	3.84	
11.671	50059961	743886	0.015	0.54	
12.040	77251193	862923	0.011	0.83	
12.379	15850690	170422	0.011	0.17	
12.499	31007809	428730	0.014	0.33	
12.648	191465103	2446373	0.013	2.07	
12.742	18907880	288619	0.015	0.20	
12.845	16473603	231530	0.014	0.17	
13.143	106433340	1415536	0.013	1.15	
13.291	108127075	1130941	0.010	1.17	
13.823	15208891	42182	0.003	0.16	
14.158	75189078	781625	0.010	0.81	
	9241193249	122109146		100.000	

Total unknown % area = 60.98

Data File: \\Terastation\share\GCdata\GC66B.I\040710.B\0407-015.D
 Date: 08-APR-2010 03:36
 Client ID:
 Sample Info: 1221-54_300 10GC5V0067 10AL11141111
 Column phase: DB-1701

Instrument: GC66B.I
 Operator: WN
 Column diameter: 0.53

\\Terastation\share\GCdata\GC66B.I\040710.B\0407-015.D



Chromatography Summary
Method 8082 Target Analyte Results

Injection Date: 4/8/2010 4:01 Operator: VN
 DataFile: GC66B.N040710.B\0407-016.D Vial Num: 13
 Instrument ID: GC66B

Sample : **1232-62_300 10GCSV0068 ICAL4**

Method File: GC66B.N040710.B\8082.M
 Start Cal Date: End Cal Date:

Matrix: NONE SubList: 3-1232-1262CAL.SSpikeList:
 Samp. Info: 1232-62_300 10GCSV0068 ICAL4;1;4;;;
 Misc. Info: 3;3-1232-1262CAL.SUB;;

Dilution Factor	Extract Volume	Sample Volume	Sample Weight
IX	0 mL	0 mL	0 g

Column1 DB-1701 30mX320umXI1000nm

Compound Name	RT	Response	Spike Level	Flag	Response Factor
Aroclor 1232-Totals	1.00	855180537	300		2850601.79
Aroclor 1262-Totals	1.00	2854831698	300		9516105.66

Notes: M = Manually Integrated
 D = Operator Disabled Result
 O = Over Calibration Range

TestAmerica West Sacramento

8082, TO-4, TO-4A, TO-10, and TO-10A
 Data file : \\Terastation\share\GCdata\GC66B.I\040710.B\0407-016.D
 Lab Smp Id: 1232-62_300 10GCSV0
 Inj Date : 08-APR-2010 04:01
 Operator : VN Inst ID: GC66B.i
 Smp Info : 1232-62_300 10GCSV0068 ICAL4;1;;4;;;
 Misc Info : 3;3-1232-1262CAL.SUB;;;
 Comment : PCBs by GC-ECD
 Method : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.m
 Meth Date : 08-Apr-2010 04:23 tap Quant Type: AREA%
 Cal Date : 18-MAR-2010 18:05 Cal File: 0318-005.D
 Als bottle: 13 Calibration Sample, Level: 4
 Dil Factor: 1.00000
 Integrator: HP Genie Compound Sublist: 3-1232-1262CAL.SU
 Target Version: 4.14
 Processing Host: SACP307P

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
1.000	855180537	11016879	0.013	6.45	M 206 Aroclor 1232-Totals
5.523	254186180	3456492	0.014		207 Aroclor 1232-1
5.933	78749042	1133066	0.014		208 Aroclor 1232-2
6.041	108245418	1503162	0.014		209 Aroclor 1232-3
6.792	207494587	2612359	0.013		210 Aroclor 1232-4
7.789	206505310	2311800	0.011		211 Aroclor 1232-5
1.000	2854831698	36769869	0.013	21.80	M 230 Aroclor 1262-Totals
10.466	484886507	6578827	0.014		231 Aroclor 1262-1
11.242	342602268	3535844	0.010		232 Aroclor 1262-2
11.408	279351364	3836846	0.014		233 Aroclor 1262-3
12.743	272860874	3736555	0.014		234 Aroclor 1262-4
13.285	1475130685	19081797	0.013		235 Aroclor 1262-5
3.036	74060066	1214533	0.016	0.55	
3.732	23439629	370447	0.016	0.17	
3.953	15586338	300966	0.019	0.11	
4.023	34155141	518674	0.015	0.25	
4.328	114153632	1712813	0.015	0.86	
4.631	83577344	1301464	0.016	0.63	
4.755	335052364	4781882	0.014	2.52	
5.165	18566500	274049	0.015	0.14	
5.680	17844056	245470	0.014	0.13	
5.756	20697946	330368	0.016	0.15	
5.840	39980388	617271	0.015	0.30	
6.310	82437267	1032026	0.013	0.62	
6.503	515733228	6806897	0.013	3.88	
6.715	20807810	365725	0.018	0.15	
7.022	169919444	2486144	0.015	1.28	
7.217	110391529	1720793	0.016	0.83	
7.272	173392792	1804279	0.010	1.30	
8.001	164421230	1938734	0.012	1.24	
8.120	46768596	641058	0.014	0.35	
8.381	44272605	615411	0.014	0.33	

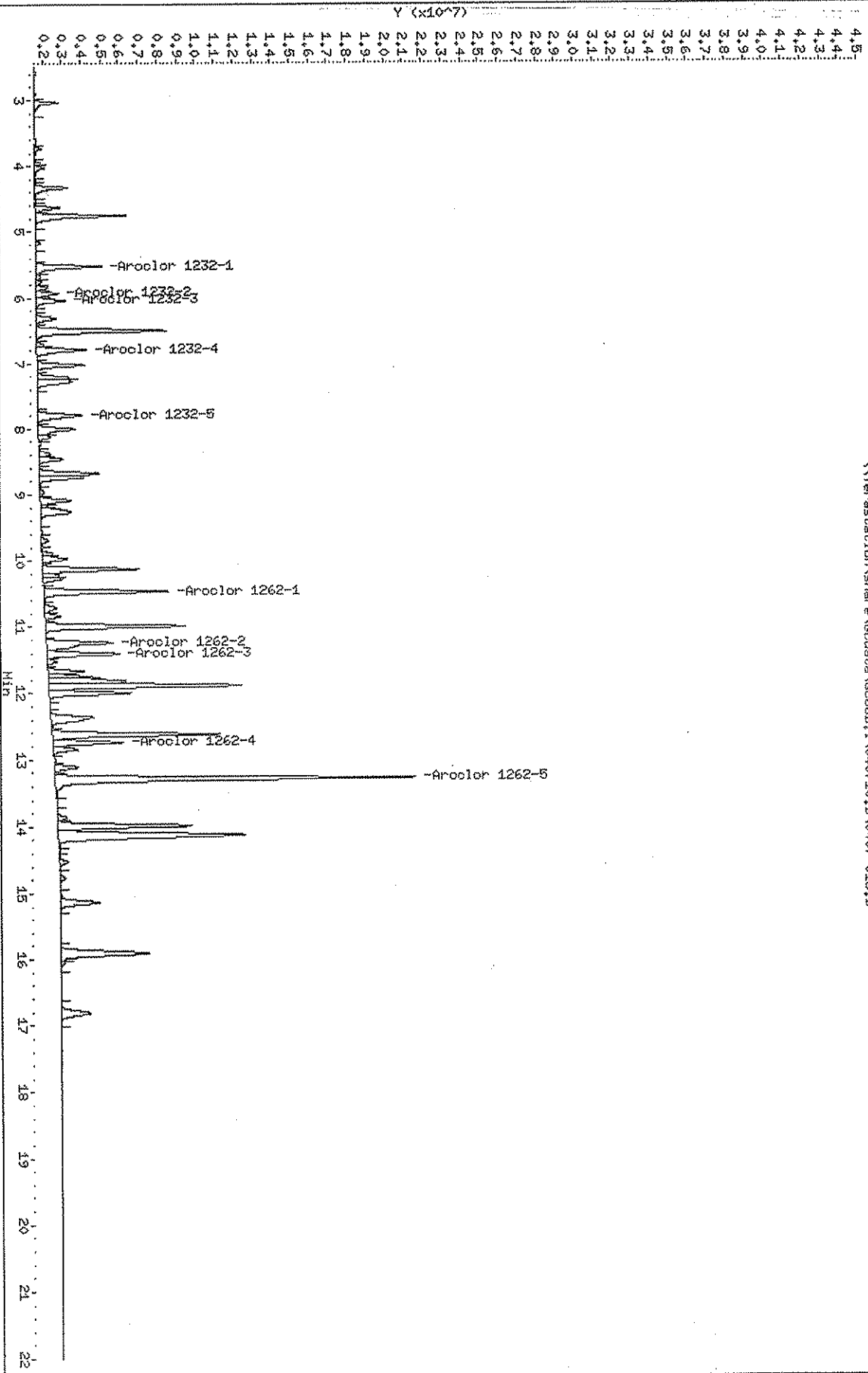
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
8.458	91181199	1271767	0.014	0.68	
8.681	239067948	3102219	0.013	1.80	
8.736	148756206	2318039	0.016	1.12	
8.950	19150536	206046	0.011	0.14	
9.085	120687586	1633826	0.014	0.91	
9.151	17287675	410465	0.024	0.13	
9.266	181275297	1627299	0.009	1.36	
9.690	29677988	381398	0.013	0.22	
9.892	35798854	567613	0.016	0.27	
9.969	102048977	1345480	0.013	0.76	
10.126	365922662	5106000	0.014	2.75	
10.218	47271814	873774	0.018	0.35	
10.272	74180867	1040009	0.014	0.55	
10.710	56950883	635948	0.011	0.42	
10.837	60150686	864211	0.014	0.45	
10.991	539768253	7395841	0.014	4.07	
11.518	33561761	506105	0.015	0.25	
11.671	134343961	1948779	0.015	1.01	
11.756	121359396	2273461	0.019	0.91	
11.819	273513436	4103360	0.015	2.06	
11.886	797813729	10223966	0.013	6.01	
11.997	313734735	4333391	0.014	2.36	
12.361	245616486	2218158	0.009	1.85	
12.622	644946858	8827818	0.014	4.86	
12.846	95316720	1327954	0.014	0.71	
13.114	95443212	1223899	0.013	0.71	
13.866	40786013	500629	0.012	0.30	
13.986	547388399	7035830	0.013	4.12	
14.123	1021190921	9860052	0.010	7.70	
14.527	36330809	460223	0.013	0.27	
14.766	25397982	294400	0.012	0.19	
15.135	197858355	2080678	0.011	1.49	
15.906	489113914	4697415	0.010	3.68	
16.037	23932358	262168	0.011	0.18	
16.809	176290720	1548421	0.009	1.32	
=====	=====	=====	=====	=====	
	13258387337	169372394		100.000	

Total unknown % area = 71.75

Data File: \\Terastation\share\GCdata\GC66B.IV040710.BV0407-016.D
 Date: 08-08-2010 04:01
 Client ID:
 Sample Info: 1232-62.300 10GCSV068 ICAL41:4:4:??
 Column phase: DB-1701

Instrument: GC66B.1
 Operator: WN
 Column diameter: 0.53

\\Terastation\share\GCdata\GC66B.IV040710.BV0407-016.D



Chromatography Summary
Method 8082 Target Analyte Results

Injection Date: 4/8/2010 4:26 Operator: VN
 Data File: GC66B.N040710.B\0407-017.D Vial Num: 14
 Instrument ID: GC66B

Sample: **1242-68_300 10GCSV0069 ICAL**

Method File: GC66B.N040710.B\8082.M
 Start Cal Date: End Cal Date:

Matrix: NONE SubList: 4-1242-1268CAL.SSpikeList:
 Samp. Info: 1242-68_300 10GCSV0069 ICAL;1;4;;;
 Misc. Info: 3;4-1242-1268CAL.SUB;;

Dilution Factor	Extract Volume	Sample Volume	Sample Weight
1X	0 mL	0 mL	0 g

Column1 DB-1701 30mX320umX1000nm

Compound Name	RT	Response	Spike Level	Flag	Response Factor
Aroclor 1242-Totals	1.00	1502000234	300		5006667.447
Aroclor 1268-Totals	1.00	3001089171	300		10003630.57

Notes: M = Manually Integrated
 D = Operator Disabled Result
 O = Over Calibration Range

TestAmerica West Sacramento

8082, TO-4, TO-4A, TO-10, and TO-10A

Data file : \\Terastation\share\GCdata\GC66B.I\040710.B\0407-017.D
 Lab Smp Id: 1242-68 300 10GCSV0
 Inj Date : 08-APR-2010 04:26
 Operator : VN
 Smp Info : 1242-68 300 10GCSV0069 ICAL;1;;4;;; Inst ID: GC66B.i
 Misc Info : 3;4-1242-1268CAL.SUB;;;
 Comment : PCBs by GC-ECD
 Method : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.m
 Meth Date : 08-Apr-2010 04:48 tap Quant Type: AREA%
 Cal Date : 18-MAR-2010 18:05 Cal File: 0318-005.D
 Als bottle: 14 Calibration Sample, Level: 4
 Dil Factor: 1.00000
 Integrator: HP Genie Compound Sublist: 4-1242-1268CAL.SU
 Target Version: 4.14
 Processing Host: SACP307P

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
1.000	1502000234	18965261	0.013	8.23	M 212 Aroclor 1242-Totals
5.522	427146601	5898145	0.014		213 Aroclor 1242-1
5.934	133610534	1949569	0.015		214 Aroclor 1242-2
6.040	185853166	2462450	0.013		215 Aroclor 1242-3
6.791	358306405	4316329	0.012		216 Aroclor 1242-4
7.789	397083528	4338768	0.011		217 Aroclor 1242-5
1.000	3001089171	35478801	0.012	16.45	M 236 Aroclor 1268-Totals
11.887	323987115	4171267	0.013		237 Aroclor 1268-1
12.413	398038377	5339434	0.013		238 Aroclor 1268-2
14.528	1366619338	16381121	0.012		239 Aroclor 1268-3
14.766	334493894	3813867	0.011		240 Aroclor 1268-4
15.903	577950447	5773112	0.010		241 Aroclor 1268-5
4.021	22660474	325966	0.014	0.12	
4.328	44941059	647068	0.014	0.24	
4.630	47722783	740124	0.016	0.26	
4.754	236170299	3298039	0.014	1.29	
5.164	31358399	441532	0.014	0.17	
5.690	15737459	254694	0.016	0.08	
5.755	35414972	518349	0.015	0.19	
5.840	27518019	416628	0.015	0.15	
6.312	135011875	1644952	0.012	0.74	
6.502	916979126	11808939	0.013	5.02	
6.716	38955148	673877	0.017	0.21	
7.023	302087696	4255774	0.014	1.65	
7.218	199964077	3252911	0.016	1.09	
7.263	346541420	3463646	0.010	1.90	
8.002	330195333	3866826	0.012	1.81	
8.120	77309445	1081794	0.014	0.42	
8.219	16934321	250883	0.015	0.09	
8.379	86289153	1149288	0.013	0.47	
8.460	185867601	2523522	0.014	1.01	
8.684	320769440	4683501	0.015	1.75	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
8.737	320364433	4563029	0.014	1.75	
8.955	13873404	241176	0.017	0.07	
9.004	15702138	238871	0.015	0.08	
9.086	66488101	934110	0.014	0.36	
9.156	43666894	757530	0.017	0.23	
9.267	358582489	3129753	0.009	1.96	
9.692	57801967	711599	0.012	0.31	
9.896	63504390	935409	0.015	0.34	
9.957	43528918	669567	0.015	0.23	
10.135	105909968	1518637	0.014	0.58	
10.504	73498499	705425	0.010	0.40	
10.713	81742803	1080172	0.013	0.44	
10.992	21238518	204019	0.010	0.11	
11.242	21619857	295727	0.014	0.11	
11.521	71295324	1022085	0.014	0.39	
11.997	20307556	272304	0.013	0.11	
12.603	130964338	1669645	0.013	0.71	
13.288	251497567	2515974	0.010	1.37	
13.666	12222787	35142	0.003	0.06	
13.866	26412238	335949	0.013	0.14	
13.986	1690739018	21774816	0.013	9.27	
14.115	1642217318	20772073	0.013	9.00	
15.137	27231745	296712	0.011	0.14	
16.809	4336319965	39054462	0.009	24.01	
17.356	820426499	6760545	0.008	4.49	
	18238674245	210237106		100.000	

Total unknown % area = 75.32

Data File: \\Terastation\share\GCdata\GC66B.I\040710.B\0407-017.D

Date: 08-APR-2010 04:26

Client ID:

Sample Info: 1242-68_300 106CSN0069 ICAL141441111

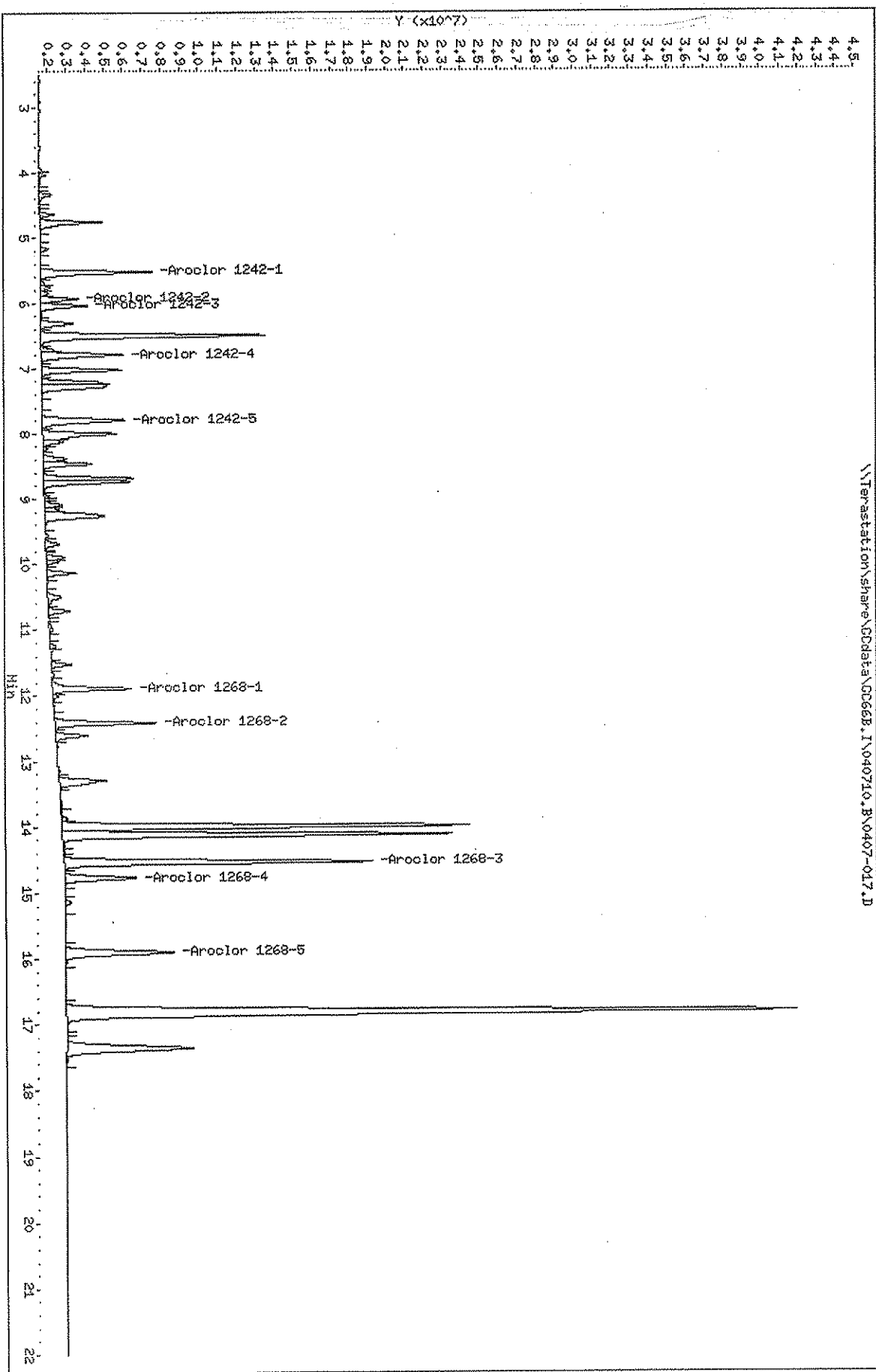
Column phase: DB-1701

Instrument: GC66B.1

Operator: WN

Column diameter: 0.53

\\Terastation\share\GCdata\GC66B.I\040710.B\0407-017.D



Chromatography Summary
Method 8082 Target Analyte Results

Injection Date: 4/8/2010 4:51 Operator: VN
DataFile: GC66B.N040710.B\0407-018.D Vial Num: 15
Instrument ID: GC66B

Sample : 1248_300 10GCSV0070 ICAL

Method File: GC66B.N040710.B\8082.M
Start Cal Date: End Cal Date:

Matrix: NONE SubList: 5-1248CAL.SUB SpikeList:
Samp. Info: 1248_300 10GCSV0070 ICAL;1;4;;;
Misc. Info: 3;5-1248CAL.SUB;;;

Dilution Factor	Extract Volume	Sample Volume	Sample Weight
1X	0 mL	0 mL	0 g

Column1 DB-1701 30mX320umX1000nm

Compound Name	RT	Response	Spike Level	Flag	Response Factor
Aroclor 1248-Totals	1.00	2048086308	300		6826954.36

Notes: M = Manually Integrated
D = Operator Disabled Result
O = Over Calibration Range

TestAmerica West Sacramento

8082, TO-4, TO-4A, TO-10, and TO-10A
 Data file : \\Terastation\share\GCdata\GC66B.I\040710.B\0407-018.D
 Lab Smp Id: 1248 300 10GCSV0070
 Inj Date : 08-APR-2010 04:51
 Operator : VN Inst ID: GC66B.i
 Smp Info : 1248 300 10GCSV0070 ICAL;1;;4;;;
 Misc Info : 3;5-1248CAL.SUB;;;
 Comment : PCBs by GC-ECD
 Method : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.m
 Meth Date : 08-Apr-2010 05:14 tap Quant Type: AREA%
 Cal Date : 18-MAR-2010 18:05 Cal File: 0318-005.D
 Als bottle: 15 Calibration Sample, Level: 4
 Dil Factor: 1.00000
 Integrator: HP Genie Compound Sublist: 5-1248CAL.SUB
 Target Version: 4.14
 Processing Host: SACP307P

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
1.000	2048086308	24748312	0.012	28.05	M 218 Aroclor 1248-Totals
7.214	348067499	5594180	0.016		219 Aroclor 1248-1
8.000	541433200	6224092	0.011		220 Aroclor 1248-2
8.459	299052593	3867054	0.013		221 Aroclor 1248-3
9.270	585484351	5325713	0.009		222 Aroclor 1248-4
10.134	274048665	3737273	0.014		223 Aroclor 1248-5
4.755	32731966	424113	0.013	0.44	
5.522	209503214	2987248	0.014	2.85	
5.756	10626106	155455	0.015	0.14	
5.934	67260398	1006723	0.015	0.91	
6.041	68887116	973231	0.014	0.93	
6.306	41286317	527411	0.013	0.56	
6.500	575394416	7461765	0.013	7.83	
6.716	53128310	859861	0.016	0.72	
6.789	176568674	2300905	0.013	2.40	
7.023	199853177	2832820	0.014	2.72	
7.252	507658761	5384569	0.011	6.91	
7.788	608394362	6866925	0.011	8.28	
8.219	13052491	191631	0.015	0.17	
8.380	124869829	1707625	0.014	1.69	
8.685	655595914	9022111	0.014	8.92	
8.738	478681084	7379770	0.015	6.51	
8.949	42498506	548165	0.013	0.57	
9.086	175642577	2302842	0.013	2.39	
9.156	112210462	1861703	0.017	1.52	
9.562	21901422	322071	0.015	0.29	
9.690	141040743	1758056	0.012	1.92	
9.893	158946668	2333964	0.015	2.16	
9.955	108561119	1686075	0.016	1.47	
10.505	158655536	1532781	0.010	2.15	
10.711	190685160	2644105	0.014	2.59	
10.932	16296451	252743	0.016	0.22	
10.992	22920224	316392	0.014	0.31	
11.306	19768998	256175	0.013	0.26	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
11.410	10179031	148014	0.015	0.13	
11.520	174933355	2509351	0.014	2.38	
11.817	53026762	573871	0.011	0.72	
12.648	14966182	194812	0.013	0.20	
13.144	10042690	112182	0.011	0.13	
13.292	13481123	128532	0.010	0.18	
13.985	17066137	52448	0.003	0.23	
14.160	11223309	73942	0.007	0.15	
	7345624899	94438699		100.000	

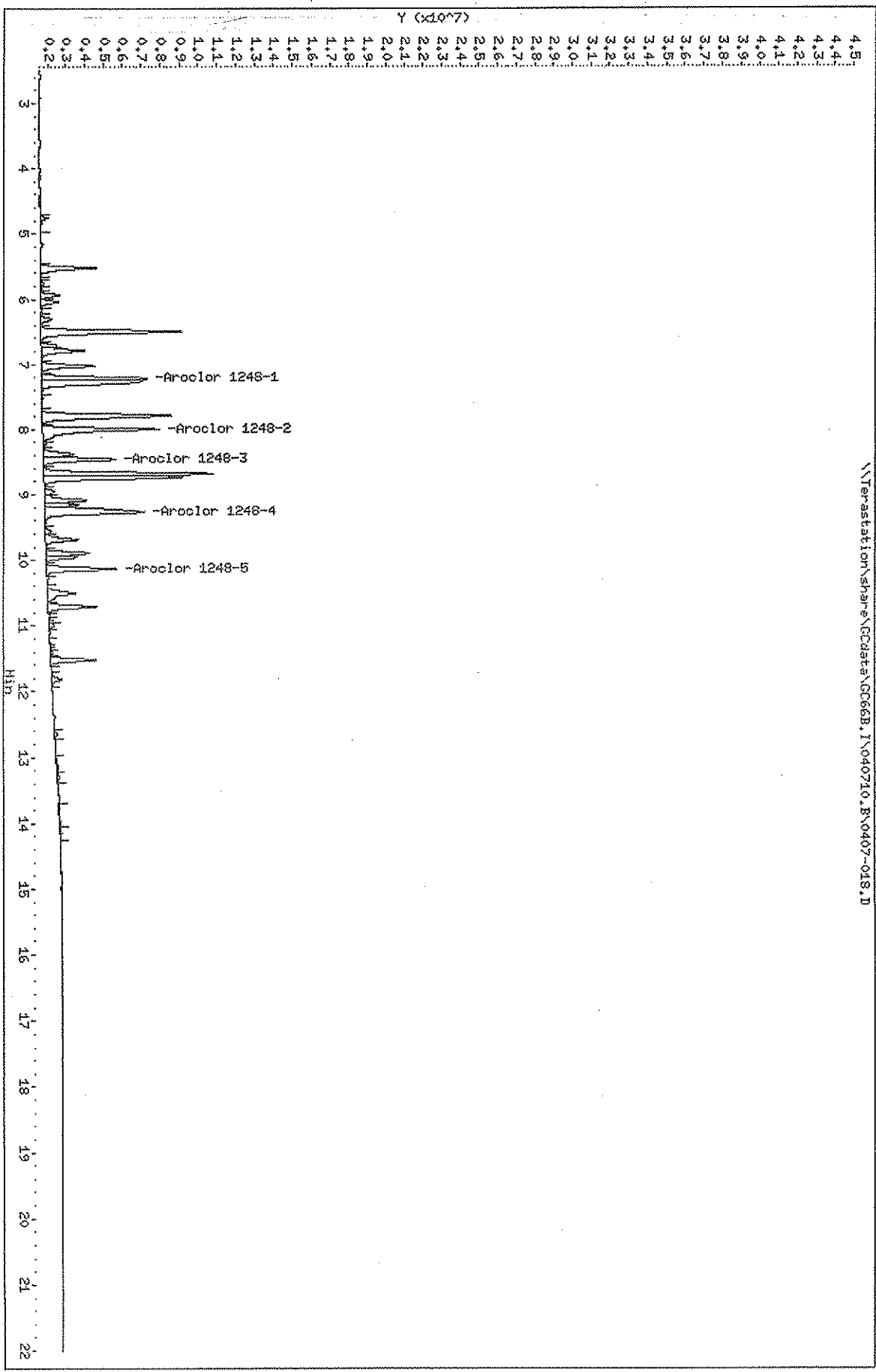
Total unknown % area = 71.95

Data File: \\Terastation\share\GCdata\GC66B.I\040710.B\0407-018.D
Date: 08-APR-2010 04:51

Client ID:
Sample Info: 1248-300 10GC660070 ICAL1111111111
Column Phaset: DB-1701

Instrument: GC66B.i
Operator: UN
Column diameter: 0.53

\\Terastation\share\GCdata\GC66B.I\040710.B\0407-018.D



Sample Extraction/Preparation Log
Copies

TestAmerica West Sacramento
GC/HPLC Data Review Checklist

Batch: 0118266

Method ID: PCBs (8082)

Solid DRA

NCM: (Y) N

GOD280454

A. Calibration/Instrument Run QC	Analyst	Reviewer	N/A
1. ICAL or ICAL Summary and CCV included.	✓	✓	
2. ICAL, CCV criteria met.	✓	✓	
3. Multiple-eluters (TPH-D, 8081A, 8082) ICAL/CCVs appropriate and within criteria	✓	✓	
4. CCVs every 10 samples/12 hours, all samples bracketed front and back.	✓	✓	
5. PEM frequency and criteria met.			✓
6. Peaks correctly ID'd by data system.	✓	✓	
7. Method Number is identified on data.	✓	✓	
B. QA/QC			
1. Method blank, LCS/LCSD and MS/SD frequencies met.	✓	✓	
2. LCS/LCSD and MB data is included.	✓	✓	
3. LCS/LCSD and MB data are within control limits. If not, NCM is present in Clouseau.	✓	✓	
4. MS/MSD data complete.	✓	✓	
5. Holding Times were met.	✓	✓	
C. Sample Analysis			
1. Logbook copies for all injections made, including ICV standards and ICAL.	✓	✓	
2. Logbooks/prep sheets properly filled out.	✓	✓	
3. Manual Integrations reviewed and appropriate.			✓
4. All raw data for samples is included (applies to unused data as well)	✓	✓	
5. All analytes correctly reported.	✓	✓	
6. Correct reporting limits used. (based on client request, prep factors, and dilutions)	✓	✓	
D. Documentation			
1. Are all nonconformances documented appropriately?	✓	✓	
2. Quantims entry correct, including dates and times.	✓	✓	
3. Appropriate footnotes used.	✓	✓	
4. Report sheets included and error-free.	✓	✓	

Analyst: V. D. Hart

Date: 4/28/10

2nd Level Reviewer: K. Russell

Date: 4-29-10

Comments:

**TestAmerica West Sacramento
Organic Prep Log
8082 Solids**

RUSIT

estAmericc

Box # _____
Shared _____
QC Batch: *NA*

Shares _____
QC With: *NA*

Internal COC:	
Delivered to Inst.:	
Inst Receipt:	

Batch: 0118266
MS Run #:
Prep Date: 4/28/2010
Method: QH 8082
Matrix: A SOLID
Extraction: 71 SONICATION w/ACID STRIP (PCB)
QC: 01 STANDARD TEST SET
SAC: QH - A - 71 - 01

AM 4/28/10

WS-OP-0002

Prep Reagents		
Reagent	Supplier	Lot #
DCM	Baker	<i>H46507</i>
DCM: Ace	NA	<i>3960 3640-39C</i>
Na2SO4	Baker	<i>3640-39A</i>
Hexane	Baker	<i>H38604</i>
Florisil	Baker	<i>H38N70</i>
H2SO4	Mallinckrodt	<i>H46F04</i>
Hg	Mallinckrodt	<i>H45N10</i>
90:10 Ace:Hex	NA	<i>030210AM</i>

Extraction Table							
Sample ID	Suff	Work Order	Extraction Hold Time Expires	Sample size * 30g nom.	Final Volume		Analysis Hold Time Expires
					10mL	Other	
G0D280000 - 266	B	L0M101AA	5/11/2010	30.00	<i>/</i>		6/7/2010
G0D280000 - 266	C	L0M101AC	5/11/2010	30.00	<i>/</i>		6/7/2010
G0D280454 - 2		L0MR71AC	5/11/2010	29.96	<i>/</i>		6/7/2010
G0D280454 - 2	S	L0MR71AD	5/11/2010	30.15	<i>/</i>		6/7/2010
G0D280454 - 2	D	L0MR71AE	5/11/2010	30.35	<i>/</i>		6/7/2010

* See attached sheet for sample volumes recorded from scale

Comments/NCMs: *weight sheet 100428B*

	ID	Spike Exp Date:	Spiked By:	Witnessed By:	Date:
Surrogate Spike All Samples	<i>2.0ml 100p0047</i>	<i>9/22/10</i>	<i>JS</i>	<i>AM</i>	<i>4/28/10</i>
Spike Mix LCS/LCSD/MS/MS	<i>1.0ml 100p0061</i>	<i>5/31/10</i>	<i>JS</i>	<i>AM</i>	<i>4/28/10</i>
Additional Spike or Surrogate					
Extraction Analyst/Date	<i>AM 4/28/10</i>		KD Analyst/Date <i>WS/JS 4/28/10</i>		
Concentration Analyst/Date	<i>WS/JS 4/28/10</i>		KD Temp <i>87°</i>		
Clean up Analyst/Date	<i>JS 4/28/10</i>		Review Analyst/Date <i>4/28/10</i>		

Florisil Hg H2SO4
WS 4/28/10
JS 4/28/10

R0C058

TestAmerica Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 4/28/10
Time: 14:28:03

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

Extractionist: _____

Concentrationist: _____

Reviewer/Date: _____ / 0/00/00

PCBs (8082)
SONICATION w/ACID STRIP (PCB)

EXTR EXPR	ANL DUE	LOT# WORK ORDER	MSRUN# /	TEST FLGS	EXT MTH	MATRIX	INIT/ WT/VOL	PH'S ADJ1	ADJ2	EXTRACTION VOL	EXCHANGE	VOL	SPIKE STANDARD/ SURROGATE ID
5/11/10	5/17/10	GDD280454-002			R	71 QH SOLID	29.96g 10.00mL	NA	NA	DCM:ACE	300.0	HEXANE	50.0 100P0047-2.OML
COMMENTS: GODD280454-002													
5/11/10	5/17/10	GDD280454-002			R	71 QH SOLID	30.15g 10.00mL	NA	NA	DCM:ACE	300.0	HEXANE	50.0 100P0061-1.OML 100P0047-2.OML
COMMENTS: GODD280454-002													
5/11/10	5/17/10	GDD280000-266			R	71 QH SOLID	30.35g 10.00mL	NA	NA	DCM:ACE	300.0	HEXANE	50.0 100P0061-1.OML 100P0047-2.OML
COMMENTS: GODD280000-266													
5/11/10	0/00/00	GDD280000-266			R	71 QH SOLID	30.00g 10.00mL	NA	NA	DCM:ACE	300.0	HEXANE	50.0 100P0061-1.OML 100P0047-2.OML
COMMENTS: GODD280000-266													

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

NUMBER OF WORK ORDERS IN BATCH: 5

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

PREP DATE: 4/28/10 11:00
COMP DATE: 4/28/10 15:00

TestAmerica

West Sacramento
Soil Weight Worksheet

Batch Id: 100428B
Created date: 4/28/2010 11:00:30
Test Date: 4/28/2010

ANALYST: amantri
TEST: 8082-S
BALANCE ID: QA-063
QuantIMS BATCH: 0118266

Group Comments:

Sample Id:	Weight (g)	Comments:
GOD280454-02	29.96	
GOD280454-02D	30.35	
GOD280454-02S	30.15	

Preparation Data Review Checklist

Am 4/28/10

Prep Batch(es) 0118266

Test: ~~8082-5~~ 8082-5

Prep Date: 4/28/10

Holding Times: 5/1/10 NCM: Y **(N)**

A. Spike Witness/Batch setup	Spike Witness	Reviewer
1. Holding times checked? NCMs filed as appropriate	✓	✓
2. QAS checked for QC instructions (LCS, LCSD, MS, MSD, etc)	✓	✓
3. Amount of samples in hood match amount of samples on bench sheet. Sample IDS match.	✓	NA
4. Worksheets have been checked for required spiking compounds	✓	✓
5. Spiking volumes are correctly documented	✓	✓
6. Std ID numbers on spike labels match numbers on bench sheet	✓	NA
7. Expiration dates have been checked	✓	✓
8. Calibration expiration dates on pipettors have been checked	✓	NA
9. Spiker and spike witness have signed and dated bench sheet	✓	✓
B. Weights and Volumes		
1. Recorded weights are in anticipated range	NA	✓
2. Balance upload or raw data for weights is included	NA	✓
3. Weights and volumes have been transcribed correctly to LIMS.	NA	✓
4. Weights are not targeted to meet exact weights.	NA	✓
5. Each weight or volume measurement is a unique record (no dittos or line downs)	NA	✓
C. Standards and Reagents		
1. Lot numbers for all reagents, including clean up stages, are recorded.	NA	✓
2. Are dates and analysts for cleanups recorded?	NA	✓
3. Are correct IDs used for standards? Are expiration dates to day/month/year, when listed?	NA	✓
D. Documentation		
1. Are all nonconformances documented appropriately?	NA	✓
2. QuantIMs entry correct, including dates and times.	NA	✓
3. Are all fields completed?	NA	✓

Spike witness: Am

Date: 4/28/10

2nd Level Reviewer: [Signature]

Date: 4-28-10

Comments:

WATER, 8082, PCBs

Raw Data Package

Run/Batch Data

Includes (as applicable):

runlogs

initial/continuing calibration standards

interference/performance check standards

initial/continuing calibration blanks

method blanks

lcs

ms/sd

sample raw data

ms tune data

Inst ID: GC66B Batch ID: 042810
Method : 8082, TO-4, TO-4A, TO-10, and TO-10A Test : PCBs by GC-ECD
ICAL Date: See Calibration Report

Date	Time	Operator	Sample ID	File ID	Vol or Wt	Extract Vol	Diln	Comments
28-APR-2010	11:19	VN	HEXANE	0428-001.	1000 mL	10 mL	1	
28-APR-2010	11:49	VN	1660_300 09GCSV0493 8082 300PP	0428-002.	0 g	0 mL	1	
28-APR-2010	12:19	VN	LOFX91AA 0113374 MB	0428-003.	30 g	10 mL	1	
28-APR-2010	12:49	VN	LOFX91AC 0113374 LCS	0428-004.	30 g	10 mL	1	
28-APR-2010	13:19	VN	LX8PM1AE 0113374 D200503-12	0428-005.	30.24 g	10 mL	1	
28-APR-2010	13:50	VN	LX8PN1AE 0113374 D200503-13 10	0428-006.	30.12 g	10 mL	10	
28-APR-2010	14:20	VN	HEXANE	0428-007.	1000 mL	10 mL	1	
28-APR-2010	14:50	VN	LX8PQ1AE 0113374 D200503-14 10	0428-008.	30.27 g	10 mL	10	
28-APR-2010	15:20	VN	HEXANE	0428-009.	1000 mL	10 mL	1	
28-APR-2010	15:50	VN	LX8PW1AE 0113374 D200503-15 20	0428-010.	30.01 g	10 mL	20	
28-APR-2010	16:20	VN	HEXANE	0428-011.	1000 mL	10 mL	1	
28-APR-2010	16:51	VN	LOM3C1AA 0118268 MB	0428-012.	1000 mL	10 mL	1	
28-APR-2010	17:21	VN	LOM3C1AC 0118268 LCS	0428-013.	1000 mL	10 mL	1	
28-APR-2010	17:51	VN	LOMR11AA 0118268 D280454-1	0428-014.	1032.6 mL	10 mL	1	
28-APR-2010	18:21	VN	LOM101AA 0118266 MB	0428-015.	30 g	10 mL	1	
28-APR-2010	18:51	VN	LOM101AC 0118266 LCS	0428-016.	30 g	10 mL	1	
28-APR-2010	19:21	VN	LOMR71AC 0118266 D280454-2	0428-017.	29.96 g	10 mL	1	
28-APR-2010	19:52	VN	LOMR71AD 0118266 D280454-2S	0428-018.	30.15 g	10 mL	1	
28-APR-2010	20:22	VN	LOMR71AE 0118266 D280454-2D	0428-019.	30.35 g	10 mL	1	
28-APR-2010	20:52	VN	1660_500 09GCSV0494 8082 500PP	0428-020.	0 g	0 mL	1	

Printed before sequence complete.
MUN 4/28/10

Chromatography Summary
Method 8082 Target Analyte Results

Injection Date: 4/28/2010 11:49 Operator: VN
 DataFile: GC66B.I042810.BV0428-002.D Vial Num: 2
 Instrument ID: GC66B

Sample : **1660_300 09GCSV0493 8082 300PPB**

Method File: GC66B.I042810.BV8082.M
 Start Cal Date: 4/7/2010 23:24 End Cal Date: 4/8/2010 4:51

Matrix: NONE SubList: 1-1660CAL.SUB SpikeList:
 Samp. Info: 1660_300 09GCSV0493 8082 300PPB;2;;4;;;
 Misc. Info: 3;1-1660CAL.SUB;;;

Dilution Factor	Extract Volume	Sample Volume	Sample Weight
1X	0 mL	0 mL	0 g

DB-1701

Compound Name	RT	Response	PPB	Spike Level	%D	Result	Flag	Limits(%)
TCX	3.70	2618790101	48.8800	50	-2%	Acceptable		(±15)
DCB	17.40	1857685897	49.5200	50	-1%	Acceptable		(±15)
Aroclor 1016-Totals	1.00	1829180520	294.6000	300	-2%	Acceptable		(±15)
Aroclor 1260-Totals	1.00	2812325347	297.0000	300	-1%	Acceptable		(±15)

Notes: M = Manually Integrated
 D = Operator Disabled Result
 O = Over Calibration Range

TestAmerica West Sacramento

8082, TO-4, TO-4A, TO-10, and TO-10A

Data file : \\Terastation\share\GCdata\GC66B.I\042810.B\0428-002.D
 Lab Smp Id: 1660 300 09GCSV0493
 Inj Date : 28-APR-2010 11:49
 Operator : VN Inst ID: GC66B.i
 Smp Info : 1660 300 09GCSV0493 8082 300PPB;2;;4;;;;
 Misc Info : 3;1-1660CAL.SUB;;;;
 Comment : PCBs by GC-ECD
 Method : \\Terastation\share\GCdata\GC66B.I\042810.B\8082.m
 Meth Date : 28-Apr-2010 12:16 tap Quant Type: AREA%
 Cal Date : 07-APR-2010 23:50 Cal File: 0407-006.D
 Als bottle: 2 Continuing Calibration Sample
 Dil Factor: 1.00000
 Integrator: HP Genie Compound Sublist: 1-1660CAL.SUB
 Target Version: 4.14
 Processing Host: SACP307P

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
1.000	1829180520	24498011	0.013	9.08	M 190 Aroclor 1016-Totals
5.536	526259050	7942460	0.015		191 Aroclor 1016-1
5.949	162541369	2517376	0.015		192 Aroclor 1016-2
6.053	223240694	3205476	0.014		193 Aroclor 1016-3
6.807	434758797	5533861	0.013		194 Aroclor 1016-4
7.801	482380610	5298838	0.011		195 Aroclor 1016-5
1.000	1829180522	24498011	0.013	9.08	M 190 Aroclor 1016-Totals
5.536	526259050	7942460	0.015		191 Aroclor 1016-1
5.949	162541369	2517376	0.015		192 Aroclor 1016-2
6.053	223240694	3205476	0.014		193 Aroclor 1016-3
6.807	434758797	5533861	0.013		194 Aroclor 1016-4
7.801	482380610	5298838	0.011		195 Aroclor 1016-5
1.000	2812325347	33356046	0.012	5.24	M 196 Aroclor 1260-Totals
11.013	708678976	9876679	0.014		197 Aroclor 1260-1
12.017	305388589	4154436	0.014		198 Aroclor 1260-2
12.643	587661381	7733138	0.013		199 Aroclor 1260-3
14.010	272151616	3526652	0.013		200 Aroclor 1260-4
14.165	938444785	8065141	0.009		201 Aroclor 1260-5
2.593	21108436	268794	0.013	0.10	
2.748	24301500	403433	0.017	0.12	
2.920	44742175	891676	0.020	0.22	
3.047	14964650	263006	0.018	0.07	
3.702	2618790102	48406494	0.018	13.01	\$ 13 TCX
3.966	10562318	189041	0.018	0.05	
4.035	32990398	470098	0.014	0.16	
4.343	55717969	860868	0.015	0.27	
4.645	60339785	975315	0.016	0.29	
4.768	296271179	4352199	0.015	1.47	
5.177	37423952	575822	0.015	0.18	
5.705	19679866	326653	0.017	0.09	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
5.769	42892273	666204	0.016	0.21	
5.855	32134816	500750	0.016	0.15	
6.325	164474689	2047480	0.012	0.81	
6.518	1140342910	15227489	0.013	5.66	
6.729	50567635	839010	0.017	0.25	
7.037	370158679	5398181	0.015	1.83	
7.229	241486431	4071690	0.017	1.19	
7.285	429823565	4311964	0.010	2.13	
7.539	15321120	150417	0.010	0.07	
8.016	389505541	4463237	0.011	1.93	
8.136	54011131	802430	0.015	0.26	
8.234	10600240	150963	0.014	0.05	
8.397	83019768	1164291	0.014	0.41	
8.489	130358635	1638895	0.013	0.64	
8.687	290384615	3181475	0.011	1.44	
8.855	18281438	224689	0.012	0.09	
8.963	24406726	336869	0.014	0.12	
9.102	196024809	2722299	0.014	0.97	
9.297	23601861	257535	0.011	0.11	
9.909	25146907	402584	0.016	0.12	
9.990	106321408	1485131	0.014	0.52	
10.147	385732968	5284363	0.014	1.91	
10.239	73037212	1235368	0.017	0.36	
10.288	98323610	1419651	0.014	0.48	
10.483	593173024	8257845	0.014	2.94	
10.734	25498821	368553	0.014	0.12	
10.788	25308535	428971	0.017	0.12	
10.859	104035397	1448728	0.014	0.51	
11.260	166222554	2482319	0.015	0.82	
11.320	205064619	2838256	0.014	1.01	
11.428	390813994	5106169	0.013	1.94	
11.689	108987943	1650782	0.015	0.54	
11.836	846551029	8259600	0.010	4.20	
11.905	544180407	7715749	0.014	2.70	
12.381	141551282	1493031	0.011	0.70	
12.534	34216565	458277	0.013	0.16	
12.761	272122901	3763303	0.014	1.35	
12.864	131344942	1805206	0.014	0.65	
13.033	11173175	174174	0.016	0.05	
13.137	136235368	1576115	0.012	0.67	
13.308	1390523405	17695172	0.013	6.90	
13.657	57018338	388929	0.007	0.28	
13.890	25416815	299912	0.012	0.12	
14.554	17917062	221489	0.012	0.08	
14.836	51526593	319005	0.006	0.25	
15.066	11372676	178126	0.016	0.05	
15.163	145334252	1440553	0.010	0.72	
15.936	323476947	3101400	0.010	1.60	
16.066	18641631	206537	0.011	0.09	
16.291	47426841	253312	0.005	0.23	
16.843	75553028	640696	0.008	0.37	
17.398	1857685898	15023511	0.008	9.22	\$ 34 DCB
18.065	50701940	202975	0.004	0.25	
20.301	45447980	154629	0.003	0.22	
	===== 20128881151	===== 261773745		===== 100.000	

Total unknown % area = 54.37

Data File: \\Terastation\share\GCdata\GC66B.I\042810.B\0428-002.D
Date: 28-APR-2010 11:49

Client ID:

Sample Info: 1660_300 09GC66B0493 8082 300PPB;2;4;???

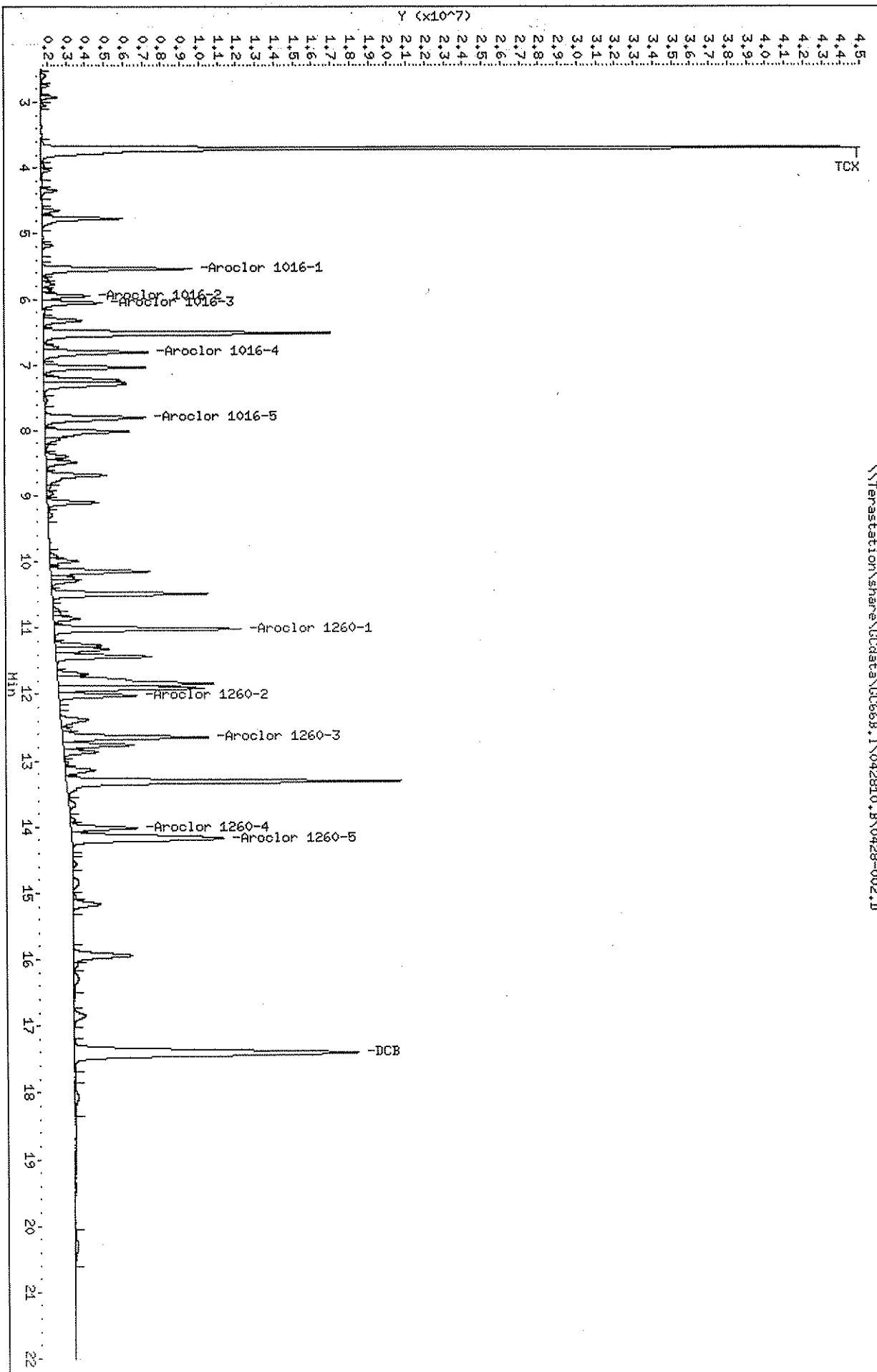
Column phase: DB-1701

Instrument: GC66B.i

Operator: WN

Column diameter: 0.53

\\Terastation\share\GCdata\GC66B.I\042810.B\0428-002.D



Chromatography Summary
Method 8082 Target Analyte Results

Injection Date: 4/28/2010 16:51 Operator: VN
 DataFile: GC66B.I\042810.B\0428-012.D Vial Num: 46
 Instrument ID: GC66B

Sample: **L0M3C1AA 0118268 MB**

Method File: GC66B.I\042810.B\8082.M
 Start Cal Date: 4/7/2010 23:24 End Cal Date: 4/8/2010 4:51

Dilution Factor	Extract Volume	Sample Volume	Sample Weight
1X	10 mL	1000 mL	0 g

Matrix: WATER SubList: PCBW6268.sub SpikeList:
 Samp. Info: L0M3C1AA 0118268 MB;0;;1000;;10
 Misc. Info: 1;PCBW6268.sub;;0;

Column1 DB-1701 30mX320umX1000nm

Compound Name	RT	Diff	Response	Conc (ug/L)	Flag
TCX	3.72	0.013	835377066	0.1559	
DCB	17.45	0.053	413536890	0.1102	
Aroclor 1016-Totals					
Aroclor 1260-Totals					
Aroclor 1221-Total					
Aroclor 1232-Totals					
Aroclor 1242-Totals					
Aroclor 1248-Totals					
Aroclor 1254-Totals					
Aroclor 1262-Totals					
Aroclor 1268-Totals					

Surrogates:	Spiked	Recovered	% Rec	Limits
TCX	0.2000	0.1559	78	(47-114)
DCB	0.2000	0.1102	55	(13-137)

Notes: M = Manually Integrated
 D = Operator Disabled Result
 O = Over Calibration Range

TestAmerica West Sacramento

8082, TO-4, TO-4A, TO-10, and TO-10A
 Data file : \\Terastation\share\GCdata\GC66B.I\042810.B\0428-012.D
 Lab Smp Id: L0M3C1AA 0118268 MB
 Inj Date : 28-APR-2010 16:51
 Operator : VN Inst ID: GC66B.i
 Smp Info : L0M3C1AA 0118268 MB;0;;;1000;;10
 Misc Info : 1;PCBW6268.sub;;0;
 Comment : PCBs by GC-ECD
 Method : \\Terastation\share\GCdata\GC66B.I\042810.B\8082.m
 Meth Date : 28-Apr-2010 12:43 rustic Quant Type: AREA%
 Cal Date : 07-APR-2010 23:50 Cal File: 0407-006.D
 Als bottle: 46
 Dil Factor: 1.00000
 Integrator: HP Genie Compound Sublist: PCBW6268.sub
 Target Version: 4.14
 Processing Host: SACP307P

Concentration Formula: Amt * DF * Uf * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	10.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
2.958	102785832	1794186	0.017	7.41	
3.715	835377066	15251024	0.018	60.27	\$ 13 TCX
13.499	16378392	69133	0.004	1.18	
13.872	18188355	45529	0.003	1.31	
17.451	413536891	3140487	0.008	29.83	\$ 34 DCB
	1386266537	20300359		100.000	

Total unknown % area = 9.900

Date: 28-APR-2010 16:51

Client ID:

Sample Info: LOHC1A4 0118268 MB#0;11000;110

Volume Injected (uL): 2.0

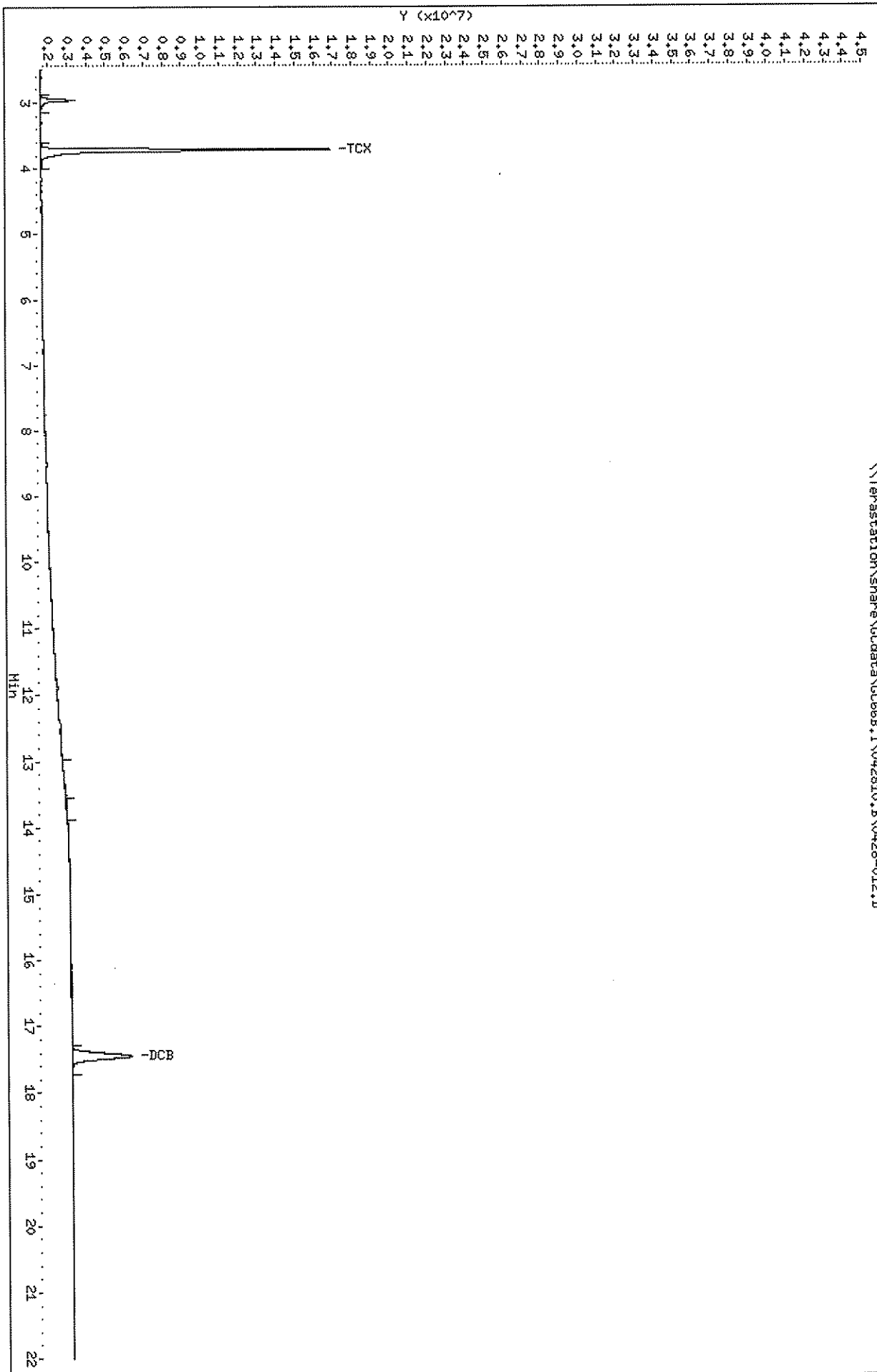
Column phase: DB-1701

Instrument: GC66B.i

Operator: VN

Column diameter: 0.53

\\Terastation\share\GCdata\GC66B.I\042810.B\0428-012.D



Chromatography Summary
Method 8082 Target Analyte Results

Injection Date: 4/28/2010 17:21 Operator: VN
 DataFile: GC66B.I\042810.B\0428-013.D Vial Num: 47
 Instrument ID: GC66B

Sample : **L0M3C1AC 0118268 LCS**

Method File: GC66B.I\042810.B\8082.M
 Start Cal Date: 4/7/2010 23:24 End Cal Date: 4/8/2010 4:51

Matrix: WATER SubList: 1660WATER.sub SpikeList: WATER.spk
 Samp. Info: L0M3C1AC 0118268 LCS;3;LCS;;1000;;10
 Misc. Info: 1;1660WATER.sub;WATER.spk;1;1;

Dilution Factor	Extract Volume	Sample Volume	Sample Weight
1X	10 mL	1000 mL	0 g

DB-1701

Compound Name	RT	Response	Conc (ug/L)	Spike Level	% R	Result	Flag	Limits(%)
TCX	3.72	846027337	0.1579	0.2	79%	Acceptable		(49-116)
DCB	17.45	667306403	0.1779	0.2	89%	Acceptable		(10-130)
Aroclor 1016-Totals	1.00	1164783407	1.8760	2	94%	Acceptable		(64-121)
Aroclor 1260-Totals	1.00	1698833221	1.7940	2	90%	Acceptable		(49-117)

Surrogates:	Spiked	Recovered	% Rec	Limits
TCX	0.2000	0.1579	79	(49-116)
DCB	0.2000	0.1779	89	(10-130)

Notes: M = Manually Integrated
 D = Operator Disabled Result
 O = Over Calibration Range

TestAmerica West Sacramento

8082, TO-4, TO-4A, TO-10, and TO-10A
 Data file : \\Terastation\share\GCdata\GC66B.I\042810.B\0428-013.D
 Lab Smp Id: LOM3C1AC 0118268 L
 Inj Date : 28-APR-2010 17:21
 Operator : VN Inst ID: GC66B.i
 Smp Info : LOM3C1AC 0118268 LCS;3;LCS;;1000;;10
 Misc Info : 1;1660WATER.sub;WATER.spk;1;1;
 Comment : PCBs by GC-ECD
 Method : \\Terastation\share\GCdata\GC66B.I\042810.B\8082.m
 Meth Date : 28-Apr-2010 12:43 rustic Quant Type: AREA%
 Cal Date : 07-APR-2010 23:50 Cal File: 0407-006.D
 Als bottle: 47 QC Sample: LCS
 Dil Factor: 1.00000
 Integrator: HP Genie Compound Sublist: 1660WATER.sub
 Target Version: 4.14
 Processing Host: SACP307P

Concentration Formula: Amt * DF * Uf * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	10.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
1.000	1164783407	14915171	0.013	10.65	M 190 Aroclor 1016-Totals
5.555	334008061	4752137	0.014		191 Aroclor 1016-1
5.968	102370690	1549655	0.015		192 Aroclor 1016-2
6.073	145528835	2018457	0.014		193 Aroclor 1016-3
6.827	278335310	3353478	0.012		194 Aroclor 1016-4
7.826	304540511	3241444	0.011		195 Aroclor 1016-5
1.000	1698833221	19723791	0.012	15.78	M 196 Aroclor 1260-Totals
11.038	442995490	5999463	0.014		197 Aroclor 1260-1
12.042	194136027	2585835	0.013		198 Aroclor 1260-2
12.672	347378060	4583700	0.013		199 Aroclor 1260-3
14.039	160766729	1978670	0.012		200 Aroclor 1260-4
14.197	553556915	4576123	0.008		201 Aroclor 1260-5
2.958	86661461	1529072	0.018	0.79	
3.716	846027337	14235110	0.017	7.74	\$ 13 TCX
4.050	17359628	280764	0.016	0.15	
4.359	35667323	549181	0.015	0.32	
4.662	37736440	602684	0.016	0.34	
4.786	186542977	2677288	0.014	1.70	
5.195	24342784	359951	0.015	0.22	
5.724	12723980	201444	0.016	0.11	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
5.789	27512505	417543	0.015	0.25	
5.876	19815419	307242	0.016	0.18	
6.346	103861107	1256458	0.012	0.95	
6.538	704197567	9007001	0.013	6.44	
6.749	32708839	546669	0.017	0.29	
7.060	233943024	3223921	0.014	2.14	
7.251	144876227	2501927	0.017	1.32	
7.305	285969793	2669615	0.009	2.61	
8.039	246565532	2743435	0.011	2.25	
8.158	29966706	447445	0.015	0.27	
8.420	54782660	747562	0.014	0.50	
8.501	35075617	438980	0.013	0.32	
8.713	186986055	2027503	0.011	1.71	
8.989	14819576	206707	0.014	0.13	
9.127	127667563	1720424	0.013	1.16	
9.321	14956569	163367	0.011	0.13	
9.935	15576430	251927	0.016	0.14	
10.015	70472273	960887	0.014	0.64	
10.170	244737471	3403351	0.014	2.23	
10.266	42542393	783562	0.018	0.38	
10.315	68237352	912187	0.013	0.62	
10.510	378010394	5280524	0.014	3.45	
10.811	30576622	287482	0.009	0.27	
10.883	65852838	878336	0.013	0.60	
11.285	105337999	1591570	0.015	0.96	
11.348	128178549	1730400	0.013	1.17	
11.455	237355217	3241857	0.014	2.17	
11.719	67629068	1008410	0.015	0.61	
11.867	509862207	4893320	0.010	4.66	
11.931	345646406	4533511	0.013	3.16	
12.408	82648954	894754	0.011	0.75	
12.789	166276131	2198379	0.013	1.52	
12.893	76320691	1071715	0.014	0.69	
13.165	71153932	832210	0.012	0.65	
13.333	820076240	9510500	0.012	7.50	
13.920	11330372	147384	0.013	0.10	
15.203	96452595	910154	0.009	0.88	
15.981	207868414	1660373	0.008	1.90	
16.897	44371436	357073	0.008	0.40	
17.448	667306404	5411769	0.008	6.10	\$ 34 DCB
=====	=====	=====	=====	=====	
	10928203707	136251890		100.000	

Total unknown % area = 59.73

Date : 28-APR-2010 17:21

Instrument: GC66B.i

Client ID:

Sample Info: L0H3C1AC 0118268 LCS:3;LCS:11000;110

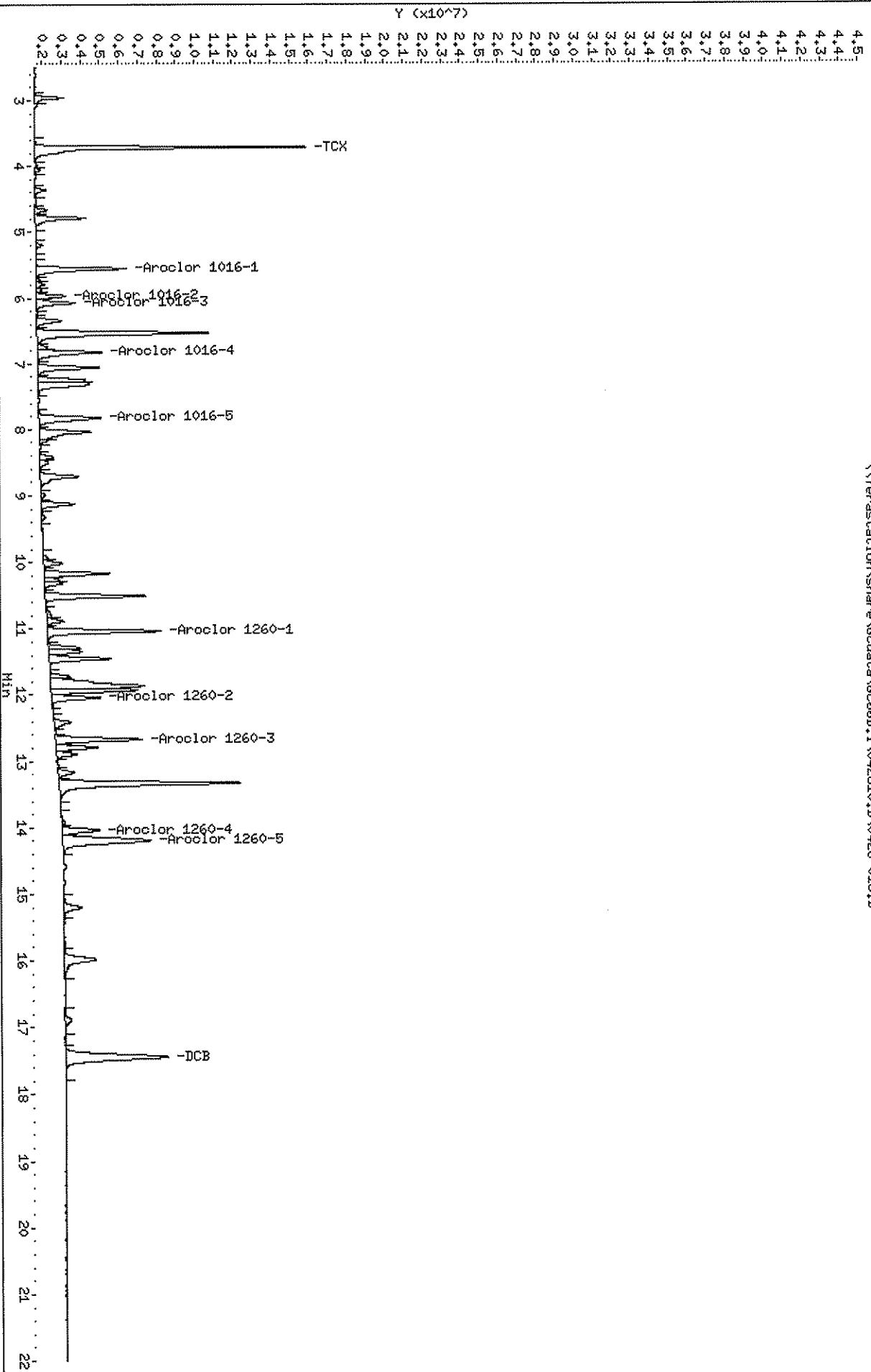
Volume Injected (uL): 2.0

Operator: VN

Column phase: DB-1701

Column diameter: 0.53

\\Terastation\share\GCdata\GC66B.I\042810.B\0428-013.D



Chromatography Summary
Method 8082 Target Analyte Results

Injection Date: 4/28/2010 17:51 Operator: VN
 DataFile: GC66B.I\042810.B\0428-014.D Vial Num: 48
 Instrument ID: GC66B

Sample : **L0MR11AA 0118268 D280454-1**

Method File: GC66B.I\042810.B\8082.M
 Start Cal Date: 4/7/2010 23:24 End Cal Date: 4/8/2010 4:51

Matrix: WATER SubList: PCBW6268.sub SpikeList:
 Samp. Info: L0MR11AA 0118268 D280454-1;0;;1032.60;;10
 Misc. Info: 1;PCBW6268.sub;;0;

Dilution Factor	Extract Volume	Sample Volume	Sample Weight
1X	10 mL	1032.6 mL	0 g

Column1 DB-1701 30mX320umX1000nm

Compound Name	RT	Diff	Response	Conc (ug/L)	Flag
TCX	3.71	0.012	895896938	0.1620	
DCB	17.45	0.052	627071348	0.1619	
Aroclor 1016-Totals					
Aroclor 1260-Totals					
Aroclor 1221-Total					
Aroclor 1232-Totals					
Aroclor 1242-Totals					
Aroclor 1248-Totals					
Aroclor 1254-Totals					
Aroclor 1262-Totals					
Aroclor 1268-Totals					

Surrogates:	Spiked	Recovered	% Rec	Limits
TCX	0.1937	0.1620	84	(47-114)
DCB	0.1937	0.1619	84	(13-137)

Notes: M = Manually Integrated
 D = Operator Disabled Result
 O = Over Calibration Range

TestAmerica West Sacramento

8082, TO-4, TO-4A, TO-10, and TO-10A
 Data file : \\Terastation\share\GCdata\GC66B.I\042810.B\0428-014.D
 Lab Smp Id: LOMR11AA 0118268 D
 Inj Date : 28-APR-2010 17:51
 Operator : VN Inst ID: GC66B.i
 Smp Info : LOMR11AA 0118268 D280454-1;0;;;1032.60;;;10
 Misc Info : 1;PCBW6268.sub;;;0;
 Comment : PCBs by GC-ECD
 Method : \\Terastation\share\GCdata\GC66B.I\042810.B\8082.m
 Meth Date : 28-Apr-2010 12:43 rustic Quant Type: AREA%
 Cal Date : 07-APR-2010 23:50 Cal File: 0407-006.D
 Als bottle: 48
 Dil Factor: 1.00000
 Integrator: HP Genie Compound Sublist: PCBW6268.sub
 Target Version: 4.14
 Processing Host: SACP307P

Concentration Formula: Amt * DF * Uf * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	10.000	Volume of final extract (mL)
Vo	1032.600	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
2.955	59783169	904805	0.015	3.67	
3.714	895896938	15765105	0.018	55.12	\$ 13 TCX
4.513	15720125	229338	0.015	0.96	
13.499	17215538	65206	0.004	1.05	
13.750	10642502	50798	0.005	0.65	
17.450	627071349	4856167	0.008	38.55	\$ 34 DCB
	1626329619	21871419		100.000	

Total unknown % area = 6.330

Data File: \\Terastation\share\GCdata\GC66B.I\042810.B\0428-014.D

Date: 28-APR-2010 17:51

Client ID:

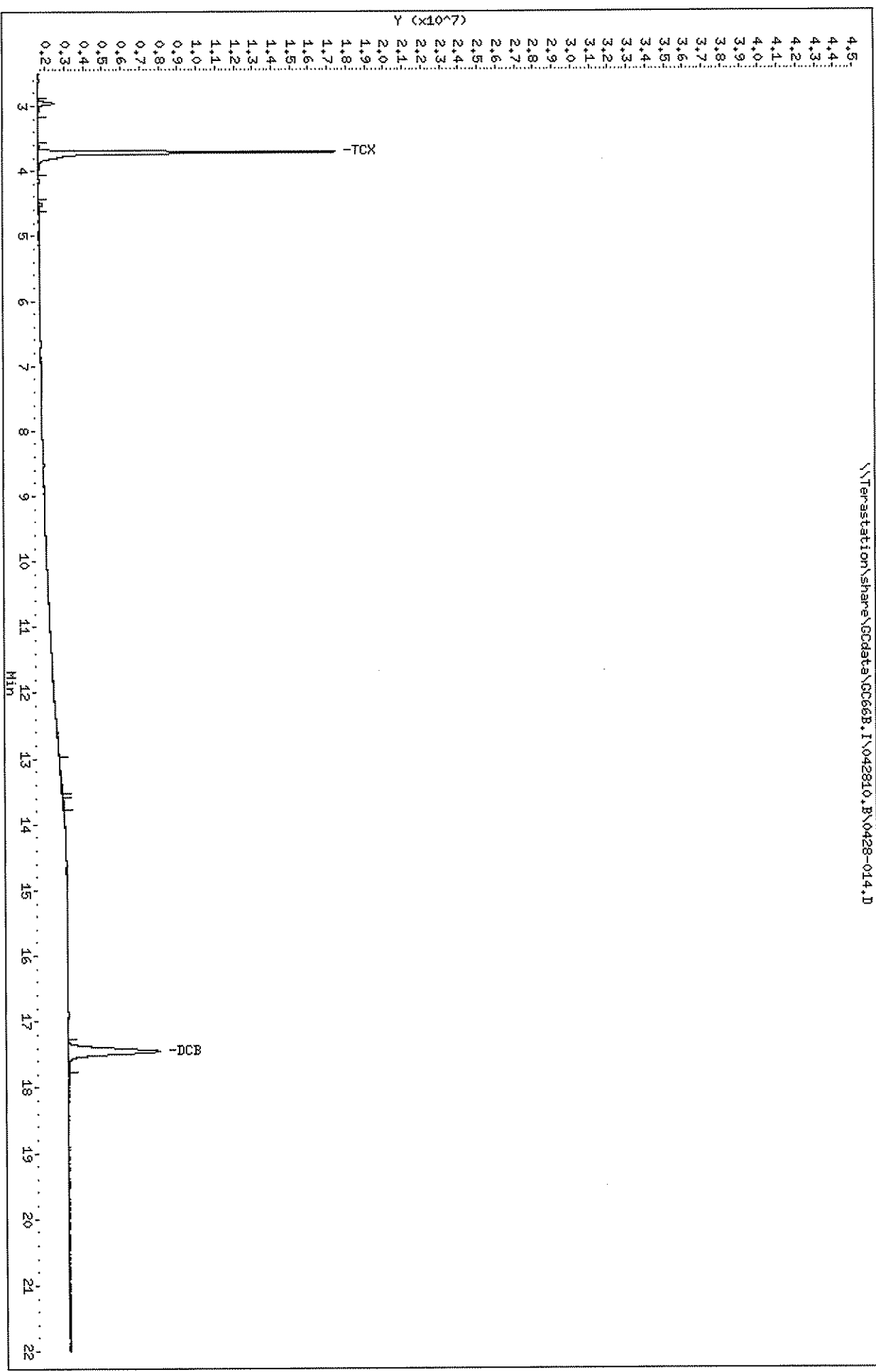
Sample Info: LOHR14A 0118268 D280454-11011032.60110
Volume Injected (uL): 2.0
Column phase: DB-1701

\\Terastation\share\GCdata\GC66B.I\042810.B\0428-014.D

Instrument: GC66B.i

Operator: WN

Column diameter: 0.53



Chromatography Summary
Method 8082 Target Analyte Results

Injection Date: 4/28/2010 20:52 Operator: VN
DataFile: GC66B.I\042810.B\0428-020.D Vial Num: 54
Instrument ID: GC66B

Sample : 1660_500 09GCSV0494 8082 500PPB

Method File: GC66B.I\042810.B\8082.M
Start Cal Date: 4/7/2010 23:24 End Cal Date: 4/8/2010 4:51

Matrix: NONE SubList: 1-1660CAL.SUB SpikeList:
Samp. Info: 1660_500 09GCSV0494 8082 500PPB;2;;5;;;
Misc. Info: 3;1-1660CAL.SUB;;

Dilution Factor	Extract Volume	Sample Volume	Sample Weight
1X	0 mL	0 mL	0 g

DB-1701

Compound Name	RT	Response	PPB	Spike Level	% D	Result	Flag	Limits(%)
TCX	3.72	3851142412	71.8900	70	3%	Acceptable		(±15)
DCB	17.45	2857479766	76.1700	70	9%	Acceptable		(±15)
Aroclor 1016-Totals	1.00	3045985716	490.6000	500	-2%	Acceptable		(±15)
Aroclor 1260-Totals	1.00	4915907159	519.1000	500	4%	Acceptable		(±15)

Notes: M = Manually Integrated
D = Operator Disabled Result
O = Over Calibration Range

TestAmerica West Sacramento

8082, TO-4, TO-4A, TO-10, and TO-10A.

Data file : \\Terastation\share\GCdata\GC66B.I\042810.B\0428-020.D
 Lab Smp Id: 1660_500_09GCSV0494
 Inj Date : 28-APR-2010 20:52
 Operator : VN Inst ID: GC66B.i
 Smp Info : 1660_500_09GCSV0494 8082 500PPB;2;;5;;;;
 Misc Info : 3;1-1660CAL.SUB;;;;
 Comment : PCBs by GC-ECD
 Method : \\Terastation\share\GCdata\GC66B.I\042810.B\8082.m
 Meth Date : 28-Apr-2010 21:19 tap Quant Type: AREA%
 Cal Date : 07-APR-2010 23:50 Cal File: 0407-006.D
 Als bottle: 54 Continuing Calibration Sample
 Dil Factor: 1.00000
 Integrator: HP Genie Compound Sublist: 1-1660CAL.SUB
 Target Version: 4.14
 Processing Host: SACP307P

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
1.000	3045985716	39537157	0.013	9.10	M 190 Aroclor 1016-Totals
5.555	876015801	12803438	0.015		191 Aroclor 1016-1
5.967	268604611	4009235	0.015		192 Aroclor 1016-2
6.071	374524346	5039834	0.013		193 Aroclor 1016-3
6.826	727460315	9132499	0.013		194 Aroclor 1016-4
7.827	799380643	8552151	0.011		195 Aroclor 1016-5
1.000	3045985719	39537157	0.013	9.10	M 190 Aroclor 1016-Totals
5.555	876015801	12803438	0.015		191 Aroclor 1016-1
5.967	268604611	4009235	0.015		192 Aroclor 1016-2
6.071	374524346	5039834	0.013		193 Aroclor 1016-3
6.826	727460315	9132499	0.013		194 Aroclor 1016-4
7.827	799380643	8552151	0.011		195 Aroclor 1016-5
1.000	4915907159	59659407	0.012	5.91	M 196 Aroclor 1260-Totals
11.038	1229023796	17458080	0.014		197 Aroclor 1260-1
12.043	534972648	7479185	0.014		198 Aroclor 1260-2
12.671	1010736387	13834251	0.014		199 Aroclor 1260-3
14.039	474538295	6211029	0.013		200 Aroclor 1260-4
14.200	1666636033	14676862	0.009		201 Aroclor 1260-5
2.602	12722960	218241	0.017	0.03	
2.756	12109776	229413	0.019	0.03	
2.931	94645971	1952501	0.021	0.28	
3.057	34410461	591712	0.017	0.10	
3.715	3851142412	66867975	0.017	11.50	\$ 13 TCX
3.980	17854078	306763	0.017	0.05	
4.050	53729356	726737	0.014	0.16	
4.358	90424315	1353284	0.015	0.27	
4.661	97088961	1539195	0.016	0.29	
4.785	491333692	7026947	0.014	1.46	
5.194	62284476	900985	0.014	0.18	
5.724	33635037	543388	0.016	0.10	

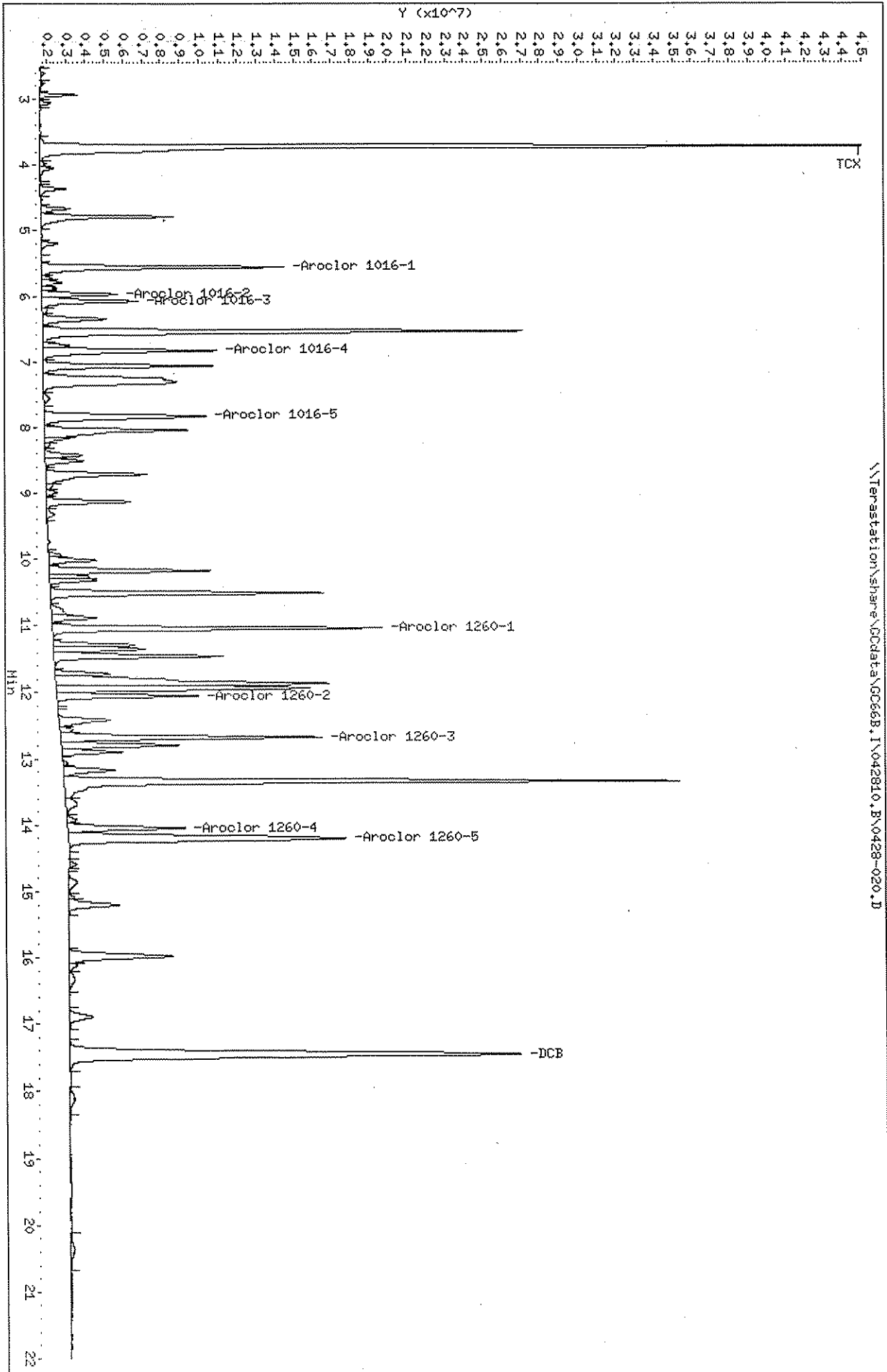
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
5.789	71559760	1072110	0.015	0.21	
5.874	53101300	804341	0.015	0.15	
6.207	23677143	257288	0.011	0.07	
6.344	272642211	3354236	0.012	0.81	
6.536	1925048418	25309314	0.013	5.75	
6.750	83670618	1372741	0.016	0.24	
7.058	618811152	8920671	0.014	1.84	
7.303	1115754768	7032338	0.006	3.33	
7.557	36054796	302864	0.008	0.10	
8.039	657345551	7594435	0.012	1.96	
8.160	87527978	1296049	0.015	0.26	
8.254	20591690	282195	0.014	0.06	
8.421	143120561	1964796	0.014	0.42	
8.506	157354841	1978114	0.013	0.47	
8.711	493940072	5347114	0.011	1.47	
8.871	29007666	373971	0.013	0.08	
8.988	42437420	571257	0.013	0.12	
9.124	332807124	4445678	0.013	0.99	
9.322	41076063	434617	0.011	0.12	
9.934	43162738	680032	0.016	0.12	
10.015	183812629	2506683	0.014	0.54	
10.170	633166042	8495768	0.013	1.89	
10.265	111751225	2084169	0.019	0.33	
10.314	185483211	2460597	0.013	0.55	
10.508	1025061029	14343540	0.014	3.06	
10.809	89569662	752100	0.008	0.26	
10.882	183356559	2359092	0.013	0.54	
11.284	284393841	4269463	0.015	0.84	
11.346	350083701	4834116	0.014	1.04	
11.454	655914356	8923613	0.014	1.95	
11.717	189712286	2889041	0.015	0.56	
11.860	1470381593	14442334	0.010	4.39	
11.929	962244919	13330757	0.014	2.87	
12.407	249621017	2697010	0.011	0.74	
12.556	48776612	650364	0.013	0.14	
12.787	469853538	6214633	0.013	1.40	
12.891	221286142	3154997	0.014	0.66	
13.056	13253642	274040	0.021	0.03	
13.166	233725459	2685941	0.011	0.69	
13.334	2554464575	32425168	0.013	7.63	
13.679	94473783	566800	0.006	0.28	
13.917	40548269	520425	0.013	0.12	
14.586	26112523	350858	0.013	0.07	
14.851	66064342	421951	0.006	0.19	
15.099	20956001	305503	0.015	0.06	
15.200	259749256	2696868	0.010	0.77	
15.973	584846678	5526664	0.009	1.74	
16.106	37827377	392342	0.010	0.11	
16.333	57133993	298122	0.005	0.17	
16.890	137187965	1189654	0.009	0.40	
17.445	2857479766	23829697	0.008	8.53	\$ 34 DCB
18.125	58453103	239326	0.004	0.17	
20.366	53421048	178140	0.003	0.15	
=====	=====	=====	=====	=====	
	33472132391	421157642		100.000	

Total unknown % area = 55.86

Data File: \\Terastation\share\GCdata\GC66B.I\042810.B\0428-020.D
Date: 28-APR-2010 20:52

Client ID:
Sample Info: 1660_500 09GCSV0494 8082 500PPB;2;5;1;1;
Column phase: DB-1701

Instrument: GC66B.I
Operator: VN
Column diameter: 0.53



Initial Calibration

Includes (as applicable):

runlog

standard raw data

statistical summary

ms tune data

Instrument ID: GC100B ICAL ID: 040710 Method: 8082

Analytes Included in curve (with dates): PHH

A. Included Sections of ICAL	Analyst	Reviewer	N/A
1. ICAL Summary included (for both columns if applicable).	✓	✓	
2. ICAL Runlog included.	✓	✓	
3. ICV Included and moved to after summary.	✓	✓	
4. PEM meets requirements and is included for 8081.			✓
5. Alkane Marker included for 8015 TPH.			✓
6. ICAL Raw Data included for all analytes.	✓	✓	
B. ICAL Summary			
1. All analytes meet %RSD or linear regression requirements.	✓	✓	
2. ICAL meets requirements stated in SOP.	✓	✓	
2. Any levels dropped are reviewed and appropriate.			✓
3. All analytes in ICAL are in the ICAL summary.	✓	✓	
4. RFs are calculated correctly. Perform Manual calculation.	✓	✓	
C. ICAL Analysis			
1. Manual Integrations reviewed and appropriate.			✓
2. All peaks correctly identified.	✓	✓	
3. No analytes have saturated peaks.	✓	✓	
4. RT windows set correctly (8015 TPH).	✓	✓	
5. ICV meets requirements and is run after the ICAL.	✓	✓	
6. Standards used in ICAL are current.	✓	✓	
7. ICAL is copied to source method.	✓	✓	

Curve Valid for:	Yes	No	Criteria
Standard SOP	✓		RSD ≤20%, r ≥ 0.995 (intercept <1/2RL for 8081,8082, NQ, 8310) and (<RL for 8330) and r>0.990 (intercept <RL for 8015), ICV≤15%, PEM ≤15%
DOD QSM V3	✓		RSD ≤20%, r ≥ 0.995, ICV≤20%, PEM ≤15%
AFCEE 3.1	✓		RSD ≤20%, r ≥ 0.995, ICV≤15%, PEM ≤15%
AFCEE 4.0	✓		RSD ≤20%, r ≥ 0.995, ICV≤20% (8081, 8082, 8015) and ICV≤25% (8330,8310), PEM ≤15%

Analyst: V. Dehart

Date: 4/8/10

Reviewer: K. Maso

Date: 4-8-10

Comments:

TestAmerica West Sacramento

INITIAL CALIBRATION DATA

Start Cal Date : 07-APR-2010 23:24
 End Cal Date : 08-APR-2010 04:51
 Quant Method : ESTD
 Origin : Disabled
 Target Version : 4.14
 Integrator : HP Genie
 Method file : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.M
 Last Edit : 08-Apr-2010 12:08 nihartv
 Curve Type : Average

Calibration File Names:

- Level 1: \\Terastation\share\GCdata\GCdata\GC66B.I\040710.B\0407-006.D
- Level 2: \\Terastation\share\GCdata\GCdata\GC66B.I\040710.B\0407-007.D
- Level 3: \\Terastation\share\GCdata\GCdata\GC66B.I\040710.B\0407-008.D
- Level 4: \\Terastation\share\GCdata\GCdata\GC66B.I\040710.B\0407-018.D
- Level 5: \\Terastation\share\GCdata\GCdata\GC66B.I\040710.B\0407-010.D
- Level 6: \\Terastation\share\GCdata\GCdata\GC66B.I\040710.B\0407-011.D
- Level 7: \\Terastation\share\GCdata\GCdata\GC66B.I\040710.B\0407-012.D
- Level 8: \\Terastation\share\GCdata\GCdata\GC66B.I\040710.B\0407-005.D

Compound	50.000	100.000	200.000	300.000	500.000	1000.000	RRF	% RSD
	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6		
	2000.000	20.000						
	Level 7	Level 8						
M 190 Aroclor 1016-Totals	6919373 55378514	6374033 7212881	6076869	6134298	5818629	5595002	6208617	9.707
191 Aroclor 1016-1	2008362 1610926	1835622 2101309	1741684	1759400	1673377	1622602	1794160	9.959
192 Aroclor 1016-2	608068 487796	571311 631611	545859	552730	523670	499213	552532	9.075
193 Aroclor 1016-3	829308 658674	778220 881800	742156	745601	697774	671985	750690	10.280
194 Aroclor 1016-4	1637347 1329398	1520694 1713766	1455111	1466622	1393038	1340877	1482107	9.245
195 Aroclor 1016-5	1836287 1451057	1668186 1884396	1592059	1609945	1530770	1460225	1629128	9.876
M 196 Aroclor 1260-Totals	10647618 8817036	9619119 10381448	9065050	9248688	9382872	8601596	9470428	7.615
197 Aroclor 1260-1	2761828 2218606	2616815 2745664	2317849	2359106	2334081	2145317	2437408	9.767

TestAmerica West Sacramento

INITIAL CALIBRATION DATA

Start Cal Date : 07-APR-2010 23:24
 End Cal Date : 08-APR-2010 04:51
 Quant Method : ESTD
 Origin : Disabled
 Target Version : 4.14
 Integrator : HP Genie
 Method file : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.M
 Last Edit : 08-Apr-2010 12:08 nihartv
 Curve Type : Average

Compound	50.000	100.000	200.000	300.000	500.000	1000.000	RRF	% RSD
	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6		
	2000.000	20.000						
	Level 7	Level 8						
198 Aroclor 1260-2	1108150 922716	1033021 1073970	992873	1001869	1007016	924041	1007957	6.451
199 Aroclor 1260-3	2313149 1907127	1914544 1979359	1852085	1922070	1943367	1778039	1938718	8.573
200 Aroclor 1260-4	1048409 822078	939969 1139910	886497	891012	907003	816562	931430	11.943
201 Aroclor 1260-5	3416082 3046508	3114769 3442544	3015747	3074632	3191406	2937638	3154916	5.853
M 202 Aroclor 1221-Total	++++ ++++	++++ ++++	++++	2116180	++++	++++	2116180	0.000
203 Aroclor 1221-1	++++ ++++	++++ ++++	++++	518795	++++	++++	518795	0.000
204 Aroclor 1221-2	++++ ++++	++++ ++++	++++	340568	++++	++++	340568	0.000
205 Aroclor 1221-3	++++ ++++	++++ ++++	++++	1256818	++++	++++	1256818	0.000
M 206 Aroclor 1232-Totals	++++ ++++	++++ ++++	++++	2850602	++++	++++	2850602	0.000
207 Aroclor 1232-1	++++ ++++	++++ ++++	++++	847287	++++	++++	847287	0.000
208 Aroclor 1232-2	++++ ++++	++++ ++++	++++	262497	++++	++++	262497	0.000

TestAmerica West Sacramento

INITIAL CALIBRATION DATA

Start Cal Date : 07-APR-2010 23:24
 End Cal Date : 08-APR-2010 04:51
 Quant Method : ESTD
 Origin : Disabled
 Target Version : 4.14
 Integrator : HP Genie
 Method file : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.M
 Last Edit : 08-Apr-2010 12:08 nihartv
 Curve Type : Average

Compound	50.000 Level 1	100.000 Level 2	200.000 Level 3	300.000 Level 4	500.000 Level 5	1000.000 Level 6	RRF	% RSD
209 Aroclor 1232-3	++++ ++++	++++ ++++	++++	360818	++++	++++	360818	0.000
210 Aroclor 1232-4	++++ ++++	++++ ++++	++++	691649	++++	++++	691649	0.000
211 Aroclor 1232-5	++++ ++++	++++ ++++	++++	688351	++++	++++	688351	0.000
M 212 Aroclor 1242-Totals	++++ ++++	++++ ++++	++++	5006667	++++	++++	5006667	0.000
213 Aroclor 1242-1	++++ ++++	++++ ++++	++++	1423822	++++	++++	1423822	0.000
214 Aroclor 1242-2	++++ ++++	++++ ++++	++++	445368	++++	++++	445368	0.000
215 Aroclor 1242-3	++++ ++++	++++ ++++	++++	619511	++++	++++	619511	0.000
216 Aroclor 1242-4	++++ ++++	++++ ++++	++++	1194355	++++	++++	1194355	0.000
217 Aroclor 1242-5	++++ ++++	++++ ++++	++++	1323612	++++	++++	1323612	0.000
M 218 Aroclor 1248-Totals	++++ ++++	++++ ++++	++++	6826954	++++	++++	6826954	0.000
219 Aroclor 1248-1	++++ ++++	++++ ++++	++++	1160225	++++	++++	1160225	0.000

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INITIAL CALIBRATION DATA

Start Cal Date : 07-APR-2010 23:24
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 Origin : Disabled
 Target Version : 4.14
 Integrator : HP Genie
 Method file : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.M
 Last Edit : 08-Apr-2010 12:08 nihartv
 Curve Type : Average

Compound	50.000	100.000	200.000	300.000	500.000	1000.000	RRF	% RSD
	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6		
	2000.000	20.000						
	Level 7	Level 8						
220 Aroclor 1248-2	+++++	+++++	+++++	1804777	+++++	+++++	1804777	0.000
221 Aroclor 1248-3	+++++	+++++	+++++	996842	+++++	+++++	996842	0.000
222 Aroclor 1248-4	+++++	+++++	+++++	1951615	+++++	+++++	1951615	0.000
223 Aroclor 1248-5	+++++	+++++	+++++	913496	+++++	+++++	913496	0.000
M 224 Aroclor 1254-Totals	+++++	+++++	+++++	9831780	+++++	+++++	9831780	0.000
225 Aroclor 1254-1	+++++	+++++	+++++	2253592	+++++	+++++	2253592	0.000
226 Aroclor 1254-2	+++++	+++++	+++++	1818583	+++++	+++++	1818583	0.000
227 Aroclor 1254-3	+++++	+++++	+++++	1406211	+++++	+++++	1406211	0.000
228 Aroclor 1254-4	+++++	+++++	+++++	1895242	+++++	+++++	1895242	0.000
229 Aroclor 1254-5	+++++	+++++	+++++	2458152	+++++	+++++	2458152	0.000
M 230 Aroclor 1262-Totals	+++++	+++++	+++++	9516106	+++++	+++++	9516106	0.000

TestAmerica West Sacramento

INITIAL CALIBRATION DATA

Start Cal Date : 07-APR-2010 23:24
 End Cal Date : 08-APR-2010 04:51
 Quant Method : ESTD
 Origin : Disabled
 Target Version : 4.14
 Integrator : HP Genie
 Method file : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.M
 Last Edit : 08-Apr-2010 12:08 nihartv
 Curve Type : Average

Compound	50.000	100.000	200.000	300.000	500.000	1000.000	RRF	% RSD
	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6		
231 Aroclor 1262-1	+++++	+++++	+++++	1616288	+++++	+++++	1616288	0.000
232 Aroclor 1262-2	+++++	+++++	+++++	1142008	+++++	+++++	1142008	0.000
233 Aroclor 1262-3	+++++	+++++	+++++	931171	+++++	+++++	931171	0.000
234 Aroclor 1262-4	+++++	+++++	+++++	909536	+++++	+++++	909536	0.000
235 Aroclor 1262-5	+++++	+++++	+++++	4917102	+++++	+++++	4917102	0.000
M 236 Aroclor 1268-Totals	+++++	+++++	+++++	10003631	+++++	+++++	10003631	0.000
237 Aroclor 1268-1	+++++	+++++	+++++	1079957	+++++	+++++	1079957	0.000
238 Aroclor 1268-2	+++++	+++++	+++++	1326795	+++++	+++++	1326795	0.000
239 Aroclor 1268-3	+++++	+++++	+++++	4555398	+++++	+++++	4555398	0.000
240 Aroclor 1268-4	+++++	+++++	+++++	1114980	+++++	+++++	1114980	0.000
241 Aroclor 1268-5	+++++	+++++	+++++	1926501	+++++	+++++	1926501	0.000

TestAmerica West Sacramento

INITIAL CALIBRATION DATA

Start Cal Date : 07-APR-2010 23:24
 End Cal Date : 08-APR-2010 04:51
 Quant Method : ESTD
 Origin : Disabled
 Target Version : 4.14
 Integrator : HP Genie
 Method file : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.M
 Last Edit : 08-Apr-2010 12:08 nihartv
 Curve Type : Average

Compound	50.000	100.000	200.000	300.000	500.000	1000.000	RRF	% RSD
	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6		
	2000.000	20.000						
	Level 7	Level 8						
\$ 13 TCX	53528341	51942485	52674633	52467350	53640080	54513538		
	55728063	54068816					53571663	2.283
\$ 34 DCB	41449935	37536090	37362202	35746075	37752540	34472037		
	35313002	40476680					37513570	6.496

Report Date: 08-Apr-2010 12:11

Calibration History

Method : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.M
Start Cal Date: 07-APR-2010 23:24
End Cal Date : 08-APR-2010 04:51
Last Cal Level: 1
Last Cal Type : Initial Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 50.00000		
07-APR-2010 23:50	1-1660CAL	\\Terastation\share\GCdata\GC66B.I\040710.B\0407-006.D
Cal Level: 2 , Cal Amount: 100.00000		
08-APR-2010 00:15	1-1660CAL	\\Terastation\share\GCdata\GC66B.I\040710.B\0407-007.D
Cal Level: 3 , Cal Amount: 200.00000		
08-APR-2010 00:40	1-1660CAL	\\Terastation\share\GCdata\GC66B.I\040710.B\0407-008.D
Cal Level: 4 , Cal Amount: 300.00000		
08-APR-2010 04:51	5-1248CAL	\\Terastation\share\GCdata\GC66B.I\040710.B\0407-018.D
08-APR-2010 04:26	4-1242-1268CAL	\\Terastation\share\GCdata\GC66B.I\040710.B\0407-017.D
08-APR-2010 04:01	3-1232-1262CAL	\\Terastation\share\GCdata\GC66B.I\040710.B\0407-016.D
08-APR-2010 03:36	2-1221-1254CAL	\\Terastation\share\GCdata\GC66B.I\040710.B\0407-015.D
08-APR-2010 01:05	1-1660CAL	\\Terastation\share\GCdata\GC66B.I\040710.B\0407-009.D
Cal Level: 5 , Cal Amount: 500.00000		
08-APR-2010 01:30	1-1660CAL	\\Terastation\share\GCdata\GC66B.I\040710.B\0407-010.D
Cal Level: 6 , Cal Amount: 1000.00000		
08-APR-2010 01:55	1-1660CAL	\\Terastation\share\GCdata\GC66B.I\040710.B\0407-011.D

| Cal Level: 7 , Cal Amount: 2000.00000

+-----+
| 08-APR-2010 02:21 | 1-1660CAL
| \\Terastation\share\GCdata\GC66B.I\040710.B\0407-012.D
+-----+

+-----+
| Cal Level: 8 , Cal Amount: 20.00000

+-----+
| 07-APR-2010 23:24 | 1-1660CAL
| \\Terastation\share\GCdata\GC66B.I\040710.B\0407-005.D
+-----+

Continuing Calibration
Ccal Level Mode: BY SAMPLE

+-----+
| 08-APR-2010 04:51 | 5-1248CAL
| \\Terastation\share\GCdata\GC66B.I\040710.B\0407-018.D
| 08-APR-2010 04:26 | 4-1242-1268CAL
| \\Terastation\share\GCdata\GC66B.I\040710.B\0407-017.D
| 08-APR-2010 04:01 | 3-1232-1262CAL
| \\Terastation\share\GCdata\GC66B.I\040710.B\0407-016.D
| 08-APR-2010 03:36 | 2-1221-1254CAL
| \\Terastation\share\GCdata\GC66B.I\040710.B\0407-015.D
| 08-APR-2010 01:05 | 1-1660CAL
| \\Terastation\share\GCdata\GC66B.I\040710.B\0407-009.D
+-----+

TestAmerica West Sacramento

Calibration Standard Level Reference Sheet

8082, TO-4, TO-4A, TO-10, TO-10A

Analyte	Level	Concentration (ppb)							
		8	1	2	3	4	5	6	7
Aroclor 1016	20		50	100	200	300	500	1000	2000
Aroclor 1260	20		50	100	200	300	500	1000	2000
Aroclor 1221			50	100	200	300	500	1000	
Aroclor 1232			50	100	200	300	500	1000	
Aroclor 1242			50	100	200	300	500	1000	
Aroclor 1248			50	100	200	300	500	1000	
Aroclor 1254			50	100	200	300	500	1000	
Aroclor 1262			50	100	200	300	500	1000	
Aroclor 1268			50	100	200	300	500	1000	
Tetrachloro-m-xylene (surr)	2		5	10	25	50	70	100	200
Decachlorobiphenyl (surr)	2		5	10	25	50	70	100	200

QA-600-PCB
Revision Date 12/11/09

Inst ID: GC66B Batch ID: 040710
 Method : 8082, TO-4, TO-4A, TO-10, and TO-10A Test : PCBs by GC-ECD
 ICAL Date: See Calibration Report

Date	Time	Operator	Sample ID	File ID	Vol or Wt	Extract Vol	Diln	Comments
07-APR-2010	21:44	VN	HEXANE	0407-001.	0 g	0 mL	1	
07-APR-2010	22:09	VN	PRIME	0407-002.	0 g	0 mL	1	
07-APR-2010	22:34	VN	PRIME	0407-003.	0 g	0 mL	1	
07-APR-2010	22:59	VN	HEXANE	0407-004.	0 g	0 mL	1	
07-APR-2010	23:24	VN	1660_20 09GCSV0497 ICAL8	0407-005.	0 g	0 mL	1	
07-APR-2010	23:50	VN	1660_50 09GCSV0490 ICAL1	0407-006.	0 g	0 mL	1	
08-APR-2010	00:15	VN	1660_100 09GCSV0491 ICAL2	0407-007.	0 g	0 mL	1	
08-APR-2010	00:40	VN	1660_200 09GCSV0492 ICAL3	0407-008.	0 g	0 mL	1	
08-APR-2010	01:05	VN	1660_300 09GCSV0493 ICAL4	0407-009.	0 g	0 mL	1	
08-APR-2010	01:30	VN	1660_500 09GCSV0494 ICAL5	0407-010.	0 g	0 mL	1	
08-APR-2010	01:55	VN	1660_1000 09GCSV0495 ICAL6	0407-011.	0 g	0 mL	1	
08-APR-2010	02:21	VN	1660_2000 09GCSV0496 ICAL7	0407-012.	0 g	0 mL	1	
08-APR-2010	02:46	VN	HEXANE	0407-013.	0 g	0 mL	1	
08-APR-2010	03:11	VN	1660_300 09GCSV0469 ICV	0407-014.	0 g	0 mL	1	
08-APR-2010	03:36	VN	1221-54_300 10GCSV0067 ICAL	0407-015.	0 g	0 mL	1	
08-APR-2010	04:01	VN	1232-62_300 10GCSV0068 ICAL4	0407-016.	0 g	0 mL	1	
08-APR-2010	04:26	VN	1242-68_300 10GCSV0069 ICAL	0407-017.	0 g	0 mL	1	
08-APR-2010	04:51	VN	1248_300 10GCSV0070 ICAL	0407-018.	0 g	0 mL	1	

Chromatography Summary
Method 8082 Target Analyte Results

Injection Date: 4/8/2010 3:11 Operator: VN
 DataFile: GC66B.N040710.B\0407-014.D Vial Num: 11
 Instrument ID: GC66B

Sample : **1660_300 09GCSV0469 ICV**

Method File: GC66B.N040710.B\8082.M
 Start Cal Date: 4/7/2010 23:24 End Cal Date: 4/8/2010 4:51

Matrix: NONE SubList: 10-1660ICV.sub SpikeList:
 Samp. Info: 1660_300 09GCSV0469 ICV:2;;4;;;
 Misc. Info: 3;10-1660ICV.sub;0;;

Dilution Factor	Extract Volume	Sample Volume	Sample Weight
1X	0 mL	0 mL	0 g

DB-1701

Compound Name	RT	Response	PPB	Spike Level	%D	Result	Flag	Limits(%)
Aroclor 1016-Totals	1.00	1711173814	275.6000	300	-8%	Acceptable		(±15)
Aroclor 1260-Totals	1.00	2609648003	275.6000	300	-8%	Acceptable		(±15)

*Passes second source criteria
 JMN/H/10*

Notes: M = Manually Integrated
 D = Operator Disabled Result
 O = Over Calibration Range

TestAmerica West Sacramento

8082, TO-4, TO-4A, TO-10, and TO-10A

Data file : \\Terastation\share\GCdata\GC66B.I\040710.B\0407-014.D
 Lab Smp Id: 1660_300_09GCSV0469
 Inj Date : 08-APR-2010 03:11
 Operator : VN Inst ID: GC66B.i
 Smp Info : 1660_300_09GCSV0469 ICV;2;;4;;;;
 Misc Info : 3;10-1660ICV.sub;;0;;
 Comment : PCBs by GC-ECD
 Method : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.m
 Meth Date : 08-Apr-2010 03:33 tap Quant Type: AREA%
 Cal Date : 18-MAR-2010 18:05 Cal File: 0318-005.D
 Als bottle: 11 Continuing Calibration Sample
 Dil Factor: 1.00000
 Integrator: HP Genie Compound Sublist: 10-1660ICV.sub
 Target Version: 4.14
 Processing Host: SACP307P

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
1.000	1711173814	21758120	0.013	11.84	M 190 Aroclor 1016-Totals
5.523	487282602	6818536	0.014		191 Aroclor 1016-1
5.934	152779554	2233286	0.015		192 Aroclor 1016-2
6.039	213502074	2847327	0.013		193 Aroclor 1016-3
6.791	411385780	5037932	0.012		194 Aroclor 1016-4
7.788	446223804	4821039	0.011		195 Aroclor 1016-5
1.000	1711173816	21758120	0.013	11.84	M 190 Aroclor 1016-Totals
5.523	487282602	6818536	0.014		191 Aroclor 1016-1
5.934	152779554	2233286	0.015		192 Aroclor 1016-2
6.039	213502074	2847327	0.013		193 Aroclor 1016-3
6.791	411385780	5037932	0.012		194 Aroclor 1016-4
7.788	446223804	4821039	0.011		195 Aroclor 1016-5
1.000	2609648003	31060642	0.012	6.52	M 196 Aroclor 1260-Totals
10.993	670862185	9486949	0.014		197 Aroclor 1260-1
11.996	277674225	3719258	0.013		198 Aroclor 1260-2
12.623	530502342	6905217	0.013		199 Aroclor 1260-3
13.986	269178230	3417667	0.013		200 Aroclor 1260-4
14.141	861431021	7531551	0.009		201 Aroclor 1260-5
4.023	24912088	383709	0.015	0.17	
4.328	49796865	735975	0.015	0.34	
4.631	53190706	856260	0.016	0.36	
4.754	267911347	3846373	0.014	1.85	
5.164	35373035	528175	0.015	0.24	
5.689	18322837	287839	0.016	0.12	
5.756	40308821	598352	0.015	0.27	
5.840	31735526	496941	0.016	0.21	
6.310	155673572	1940860	0.012	1.07	
6.501	1058359366	13619682	0.013	7.32	
6.713	44371770	753079	0.017	0.30	
7.021	346813440	4900649	0.014	2.40	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
7.215	239317095	3727565	0.016	1.65	
7.271	382766330	3892368	0.010	2.65	
7.999	369820194	4324172	0.012	2.56	
8.119	75081964	1059801	0.014	0.51	
8.219	14016743	201122	0.014	0.09	
8.381	91073314	1180866	0.013	0.63	
8.459	84879815	1101394	0.013	0.58	
8.673	399139017	4061807	0.010	2.76	
8.948	29704958	412356	0.014	0.20	
9.087	214875090	2912416	0.014	1.48	
9.281	41197644	432869	0.011	0.28	
9.893	35949893	544236	0.015	0.24	
9.973	108285284	1497557	0.014	0.74	
10.127	384939059	5323752	0.014	2.66	
10.223	60867574	1158370	0.019	0.42	
10.271	104719169	1431646	0.014	0.72	
10.465	565537263	7777078	0.014	3.91	
10.712	41767200	544442	0.013	0.28	
10.767	24324820	487925	0.020	0.16	
10.838	104575202	1402656	0.013	0.72	
11.240	157165811	2387354	0.015	1.08	
11.305	202320224	2911874	0.014	1.40	
11.409	354309646	4763406	0.013	2.45	
11.671	105837016	1581797	0.015	0.73	
11.817	833264928	8240133	0.010	5.76	
11.885	489110303	7059266	0.014	3.38	
12.362	135006943	1418877	0.011	0.93	
12.502	15805375	239394	0.015	0.10	
12.741	248335380	3417273	0.014	1.71	
12.847	117563658	1626710	0.014	0.81	
13.120	130248299	1518745	0.012	0.90	
13.286	1209946875	15612693	0.013	8.37	
13.408	23712780	375137	0.016	0.16	
13.867	21526097	257567	0.012	0.14	
14.526	11687120	144557	0.012	0.08	
14.763	10767479	120406	0.011	0.07	
15.032	13412957	180407	0.013	0.09	
15.133	133260757	1471276	0.011	0.92	
15.902	316383384	3124210	0.010	2.19	
16.035	15647811	176538	0.011	0.10	
16.814	78011199	684528	0.009	0.54	
===== 14443752869	===== 182553202	===== 100.000			

Total unknown % area = 69.80

Data File: \\Terastation\share\GCdata\GC66B, I\040710, B\0407-014.D

Date: 08-APR-2010 03:11

Client ID:

Sample Info: 1660_300 090CSW0469 ICV:2f44fff

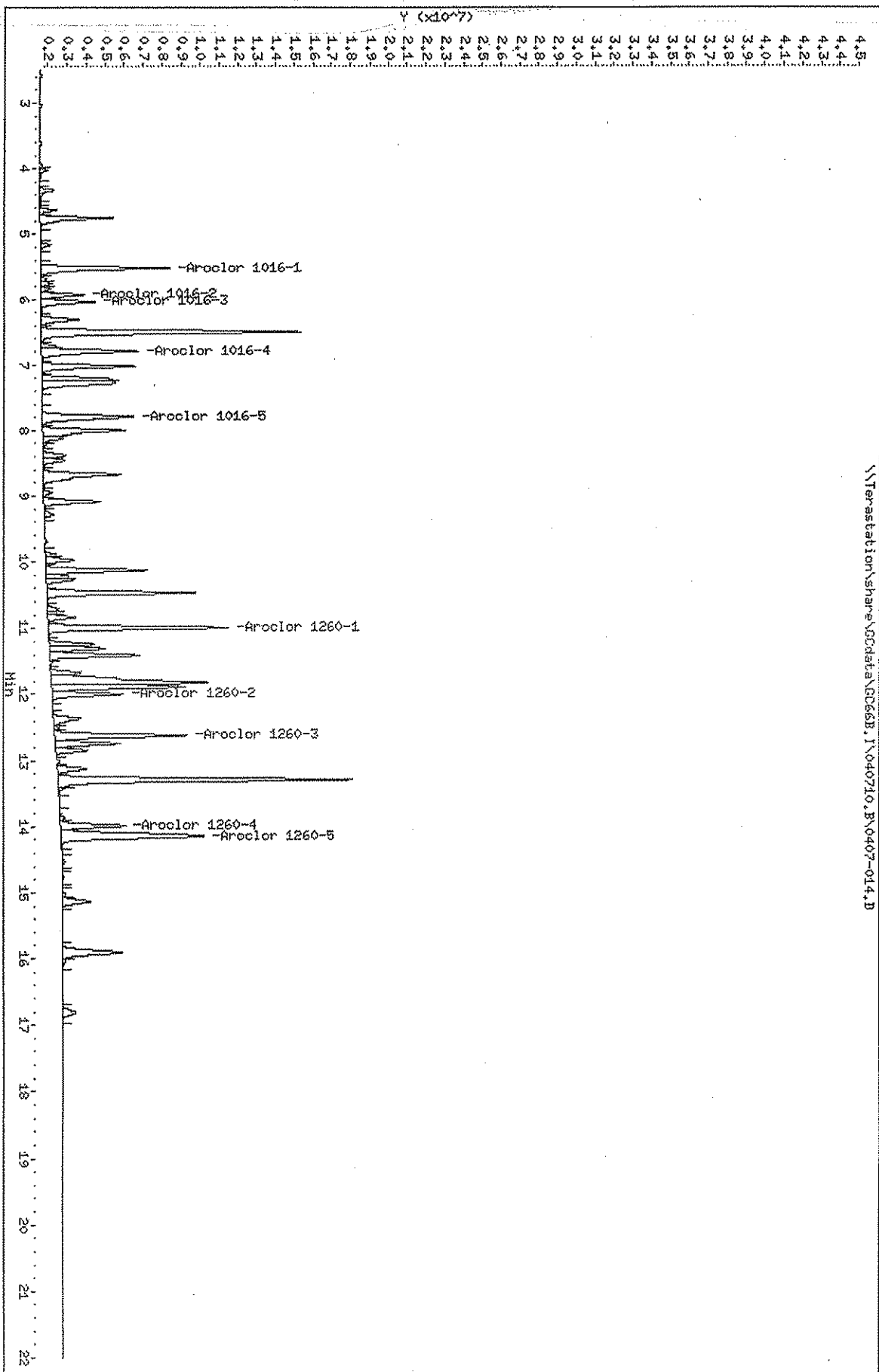
Column phase: DB-1701

Instrument: GC66B.i

Operator: VN

Column diameter: 0.53

\\Terastation\share\GCdata\GC66B, I\040710, B\0407-014.D



Chromatography Summary
Method 8082 Target Analyte Results

Injection Date: 4/7/2010 23:24 Operator: VN
 DataFile: GC66B.N040710.B0407-005.D Vial Num: 2
 Instrument ID: GC66B

Sample: **1660_20 09GCSV0497 ICAL8**

Method File: GC66B.N040710.B08082.M
 Start Cal Date: End Cal Date:

Matrix: NONE SubList: I-1660CAL.SUB SpikeList:
 Samp. Info: 1660_20 09GCSV0497 ICAL8;1;;8;;;
 Misc. Info: 3;I-1660CAL.SUB;;

Dilution Factor	Extract Volume	Sample Volume	Sample Weight
1X	0 mL	0 mL	0 g

Column1 DB-1701 30mX320umX1000nm

Compound Name	RT	Response	Spike Level	Flag	Response Factor
TCX	3.68	108137632	2		54068816
DCB	17.35	80953360	2		40476680
Aroclor 1016-Totals	1.00	144257617	20		7212880.85
Aroclor 1260-Totals	1.00	207628956	20		10381447.8

Notes: M = Manually Integrated
 D = Operator Disabled Result
 O = Over Calibration Range

TestAmerica West Sacramento

8082, TO-4, TO-4A, TO-10, and TO-10A

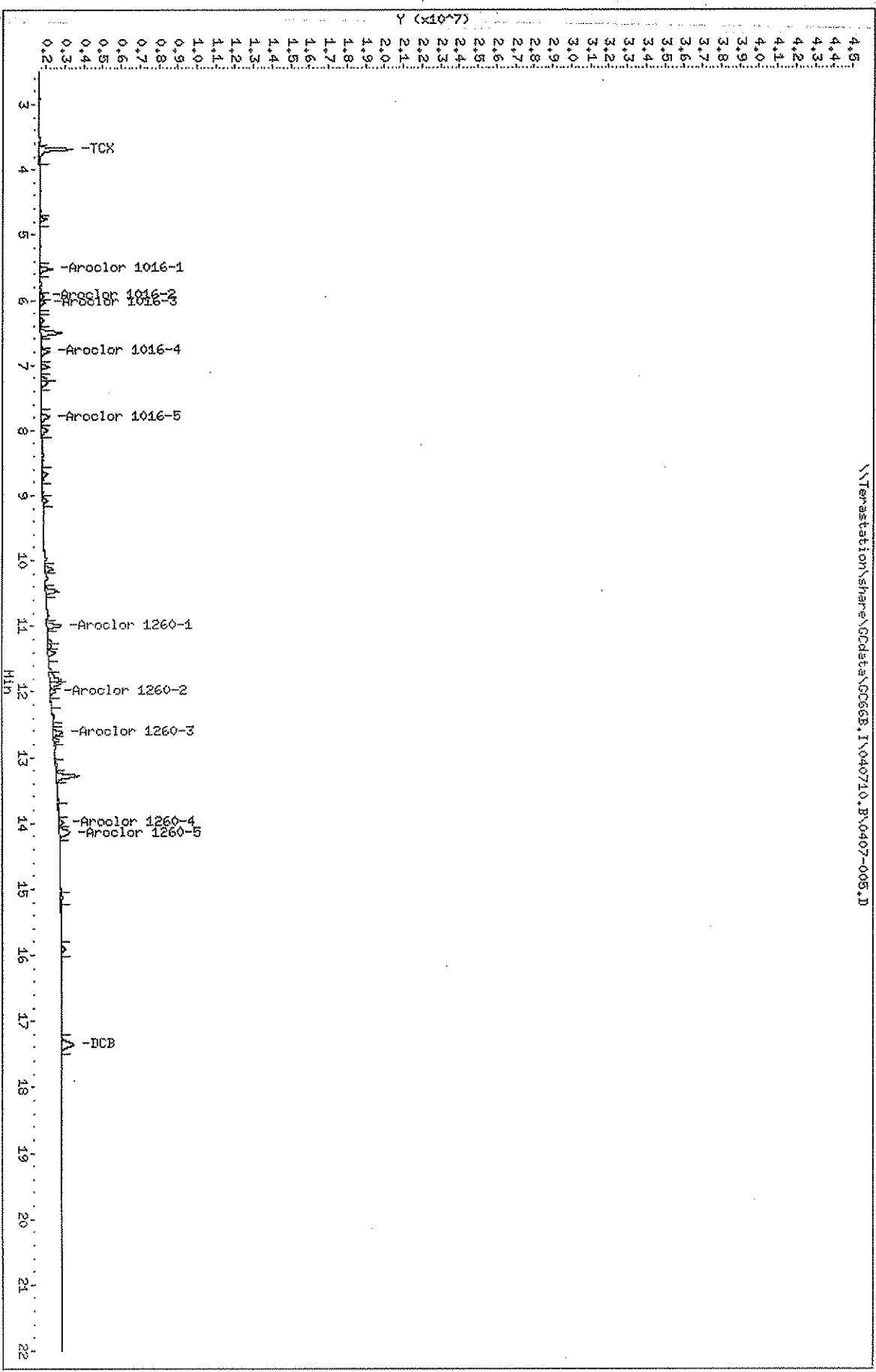
Data file : \\Terastation\share\GCdata\GC66B.I\040710.B\0407-005.D
 Lab Smp Id: 1660 20 09GCSV0497
 Inj Date : 07-APR-2010 23:24
 Operator : VN Inst ID: GC66B.i
 Smp Info : 1660 20 09GCSV0497 ICAL8;1;;8;;;
 Misc Info : 3;1-1660CAL.SUB;;;
 Comment : PCBs by GC-ECD
 Method : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.m
 Meth Date : 07-Apr-2010 23:47 tap Quant Type: AREA%
 Cal Date : 18-MAR-2010 18:05 Cal File: 0318-005.D
 Als bottle: 2 Calibration Sample, Level: 8
 Dil Factor: 1.00000
 Integrator: HP Genie Compound Sublist: 1-1660CAL.SUB
 Target Version: 4.14
 Processing Host: SACP307P

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
1.000	144257617	1947664	0.014	11.75	M 190 Aroclor 1016-Totals
5.521	42026170	626294	0.015		191 Aroclor 1016-1
5.932	12632215	193482	0.015		192 Aroclor 1016-2
6.038	17635993	254987	0.014		193 Aroclor 1016-3
6.789	34275323	452120	0.013		194 Aroclor 1016-4
7.788	37687916	420781	0.011		195 Aroclor 1016-5
1.000	207628956	2441300	0.012	17.04	M 196 Aroclor 1260-Totals
10.992	54913288	774053	0.014		197 Aroclor 1260-1
11.994	21479400	297486	0.014		198 Aroclor 1260-2
12.621	39587177	525562	0.013		199 Aroclor 1260-3
13.984	22798203	265299	0.012		200 Aroclor 1260-4
14.142	68850888	578900	0.008		201 Aroclor 1260-5
3.685	108137632	1800768	0.017	8.81	\$ 13 TCX
4.754	23224174	357030	0.015	1.89	
6.308	13282251	169889	0.013	1.08	
6.500	86080711	1137288	0.013	7.01	
7.019	28215727	419169	0.015	2.29	
7.213	20073524	333026	0.017	1.63	
7.266	33416025	343625	0.010	2.72	
7.998	29085369	341277	0.012	2.37	
8.670	22657609	264050	0.012	1.84	
9.083	15523774	229032	0.015	1.26	
10.126	30037491	433124	0.014	2.44	
10.465	47076539	653068	0.014	3.83	
11.240	13491336	202375	0.015	1.09	
11.305	14997414	213829	0.014	1.22	
11.406	27505644	375881	0.014	2.24	
11.813	59706720	604134	0.010	4.86	
11.880	40622640	581837	0.014	3.31	
12.368	13753930	138998	0.010	1.12	
12.741	18580490	260527	0.014	1.51	
13.119	10638077	115368	0.011	0.86	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
13.283	94934892	1201561	0.013	7.73	
13.869	10811871	54983	0.005	0.88	
15.128	10243730	108258	0.011	0.83	
15.902	22196313	217631	0.010	1.80	
17.352	80953361	662232	0.008	6.59	\$ 34 DCB
	1227133821	15607924		100.000	

Total unknown % area = 55.81

Data File: \\Terastation\share\GCdata\GC66B,1\040710.B\0407-005.D
 Date: 07-APR-2010 23:24
 Client ID:
 Sample Info: 1660_20 09GC5W0497 1CAL81178111
 Column phase: DB-1701
 Instrument: GC66B.1
 Operator: VN
 Column diameter: 0.53



Chromatography Summary
Method 8082 Target Analyte Results

Injection Date: 4/7/2010 23:50 Operator: VN
DataFile: GC66B.I\040710.B\0407-006.D Vial Num: 3
Instrument ID: GC66B

Sample : 1660_50 09GCSV0490 ICAL1

Method File: GC66B.I\040710.B\8082.M
Start Cal Date: 4/7/2010 23:24 End Cal Date: 4/8/2010 4:51

Matrix: NONE SubList: 1-1660CAL.SUB SpikeList:
Samp. Info: 1660_50 09GCSV0490 ICAL1;1;1;;
Misc. Info: 3;1-1660CAL.SUB;;

Dilution Factor	Extract Volume	Sample Volume	Sample Weight
1X	0 mL	0 mL	0 g

Column: DB-1701 30mX320umX1000nm

Compound Name	RT	Response	Spike Level	Flag	Response Factor
TCX	3.68	267691705	5		53538341
DCB	17.35	207249676	5		41449935.2
Aroclor 1016-Totals	1.00	345968623 ✓	50 ✓		6919372.46
Aroclor 1260-Totals	1.00	532380916	50		10647618.32

Notes: M = Manually Integrated
D = Operator Disabled Result
O = Over Calibration Range

$$\text{Response factor (RF)} = \frac{\text{response}}{\text{spike level}}$$

$$RF(1016) = \frac{345968623}{50} = 6919372.46 \checkmark$$

in 4.7.10

TestAmerica West Sacramento

8082, TO-4, TO-4A, TO-10, and TO-10A

Data file : \\Terastation\share\GCdata\GC66B.I\040710.B\0407-006.D
 Lab Smp Id: 1660 50 09GCSV0490
 Inj Date : 07-APR-2010 23:50
 Operator : VN Inst ID: GC66B.i
 Smp Info : 1660 50 09GCSV0490 ICAL1;1;;1;;;
 Misc Info : 3;1-1660CAL.SUB;;;
 Comment : PCBs by GC-ECD
 Method : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.m
 Meth Date : 08-Apr-2010 00:12 tap Quant Type: AREA%
 Cal Date : 18-MAR-2010 18:05 Cal File: 0318-005.D
 Als bottle: 3 Calibration Sample, Level: 1
 Dil Factor: 1.00000
 Integrator: HP Genie Compound Sublist: 1-1660CAL.SUB
 Target Version: 4.14
 Processing Host: SACP307P

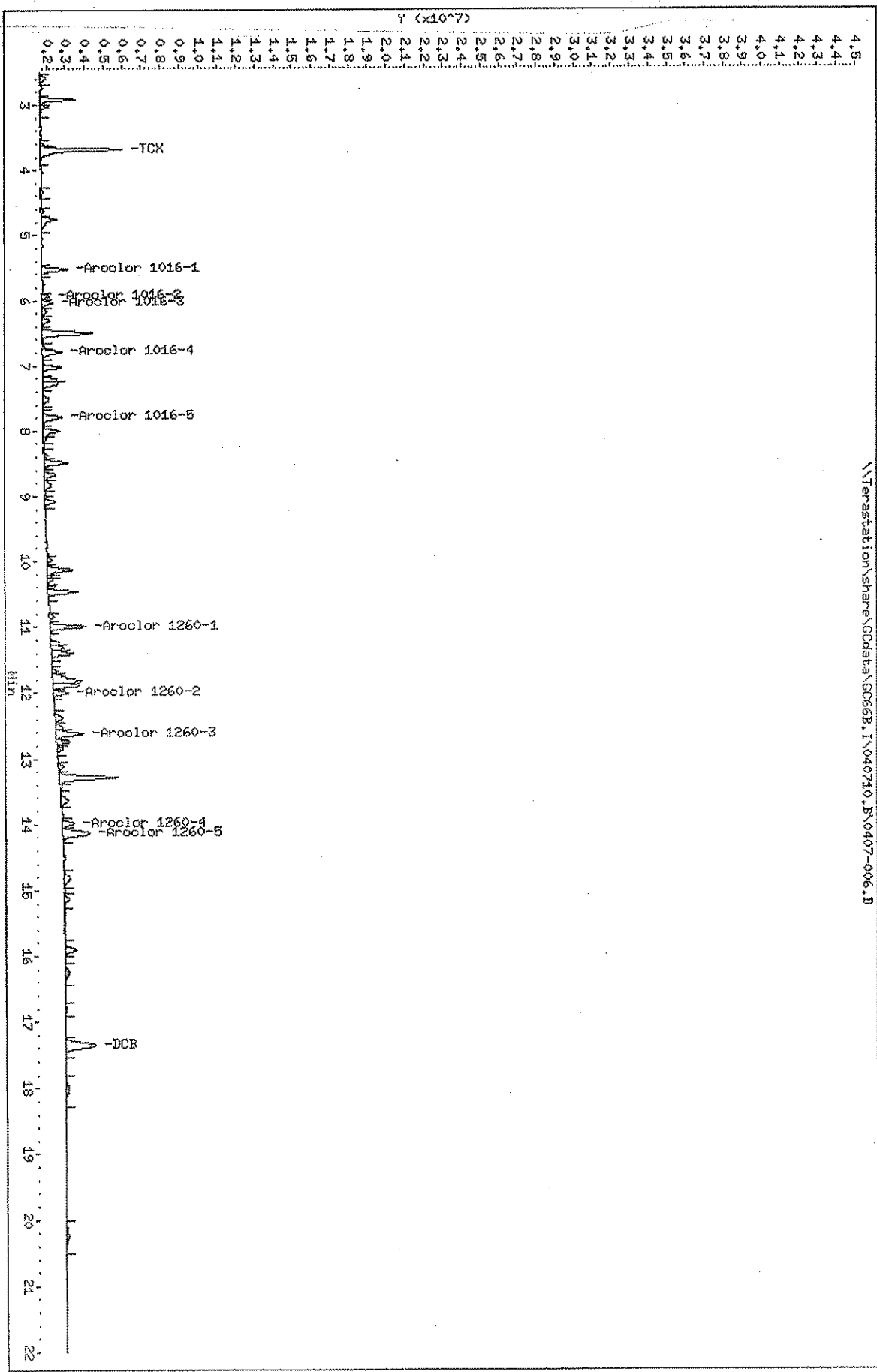
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
1.000	345968623	4517755	0.013	8.79	M 190 Aroclor 1016-Totals
5.521	100418109	1427525	0.014		191 Aroclor 1016-1
5.931	30403413	465726	0.015		192 Aroclor 1016-2
6.039	41465414	604570	0.015		193 Aroclor 1016-3
6.789	81867350	1037575	0.013		194 Aroclor 1016-4
7.786	91814337	982359	0.011		195 Aroclor 1016-5
1.000	532380916	6229216	0.012	13.81	M 196 Aroclor 1260-Totals
10.993	138091407	1940087	0.014		197 Aroclor 1260-1
11.997	55407517	762670	0.014		198 Aroclor 1260-2
12.622	115657464	1404992	0.012		199 Aroclor 1260-3
13.985	52420448	673735	0.013		200 Aroclor 1260-4
14.141	170804080	1447732	0.008		201 Aroclor 1260-5
2.582	25754556	267975	0.010	0.65	
2.911	94844568	1855581	0.020	2.41	
3.033	25548902	439709	0.017	0.64	
3.608	12819488	192769	0.015	0.32	
3.684	267691706	4323487	0.016	6.80	\$ 13 TCX
4.327	11631998	158565	0.014	0.29	
4.631	11515236	182599	0.016	0.29	
4.753	75736816	832813	0.011	1.92	
6.171	25903100	255473	0.010	0.65	
6.308	31367560	405752	0.013	0.79	
6.499	208860467	2694603	0.013	5.30	
7.021	69956023	1002174	0.014	1.77	
7.213	48012390	769377	0.016	1.21	
7.257	79288366	815944	0.010	2.01	
7.513	34149200	309981	0.009	0.86	
7.998	71222180	821446	0.012	1.80	
8.118	10576968	173545	0.016	0.26	
8.380	14910092	218663	0.015	0.37	
8.490	97240598	1276223	0.013	2.47	
8.669	53781800	616910	0.011	1.36	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
8.836	44680212	356957	0.008	1.13	
9.084	39859659	554571	0.014	1.01	
9.972	19931195	285250	0.014	0.50	
10.124	116181730	1333279	0.011	2.95	
10.220	11002990	225506	0.020	0.27	
10.271	19086838	269723	0.014	0.48	
10.464	112864256	1588031	0.014	2.86	
10.837	21211637	280104	0.013	0.53	
11.241	31530972	481561	0.015	0.80	
11.310	56378750	701784	0.012	1.43	
11.405	99819796	1185672	0.012	2.53	
11.668	19879101	306931	0.015	0.50	
11.815	158061555	1550038	0.010	4.01	
11.883	99768934	1410053	0.014	2.53	
12.372	34247880	376761	0.011	0.87	
12.525	34006882	383663	0.011	0.86	
12.740	47908552	668243	0.014	1.21	
12.845	22668995	317266	0.014	0.57	
13.118	24721701	289923	0.012	0.62	
13.284	240697513	3089840	0.013	6.11	
13.633	53611565	393139	0.007	1.36	
14.816	46255328	311213	0.007	1.17	
15.129	27435951	284677	0.010	0.69	
15.901	57607215	584706	0.010	1.46	
16.255	42075459	237466	0.006	1.06	
16.807	12800708	112823	0.009	0.32	
17.354	207249676	1601226	0.008	5.26	\$ 34 DCB
18.011	41953961	182884	0.004	1.06	
20.245	42786559	150805	0.004	1.08	
===== 3935447131	===== 47874655	===== 100.000			

Total unknown % area = 65.34

Data File: \\Terastation\share\GCdata\GC66B.I\040710.B\0407-006.D
Date: 07-APR-2010 23:50
Client ID:
Sample Info: 1660_50 09GC66B0490 ICAL1111111111
Column Phase: DP-1701

Instrument: GC66B.1
Operator: VN
Column diameter: 0.53



Chromatography Summary
Method 8082 Target Analyte Results

Injection Date: 4/8/2010 0:15 Operator: VN
 DataFile: GC66B.I\040710.B\0407-007.D Vial Num: 4
 Instrument ID: GC66B

Sample: **1660_100 09GCSV0491 ICAL2**

Method File: GC66B.I\040710.B\8082.M
 Start Cal Date: End Cal Date:

Matrix: NONE SubList: 1-1660CAL.SUB SpikeList:
 Samp. Info: 1660_100 09GCSV0491 ICAL2;1;;2;;;
 Misc. Info: 3;1-1660CAL.SUB;;

Dilution Factor	Extract Volume	Sample Volume	Sample Weight
1X	0 mL	0 mL	0 g

Column1 DB-1701 30mX320umX1000nm

Compound Name	RT	Response	Spike Level	Flag	Response Factor
TCX	3.68	519424853	10		51942485.3
DCB	17.35	375360895	10		37536089.5
Aroclor 1016-Totals	1.00	637403310	100		6374033.1
Aroclor 1260-Totals	1.00	961911868	100		9619118.68

Notes: M = Manually Integrated
 D = Operator Disabled Result
 O = Over Calibration Range

TestAmerica West Sacramento

8082, TO-4, TO-4A, TO-10, and TO-10A
 Data file : \\Terastation\share\GCdata\GC66B.I\040710.B\0407-007.D
 Lab Smp Id: 1660 100 09GCSV0491
 Inj Date : 08-APR-2010 00:15
 Operator : VN Inst ID: GC66B.i
 Smp Info : 1660 100 09GCSV0491 ICAL2;1;;2;;;
 Misc Info : 3;1-1660CAL.SUB;;;
 Comment : PCBs by GC-ECD
 Method : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.m
 Meth Date : 08-Apr-2010 00:37 tap Quant Type: AREA%
 Cal Date : 18-MAR-2010 18:05 Cal File: 0318-005.D
 Als bottle: 4 Calibration Sample, Level: 2
 Dil Factor: 1.00000
 Integrator: HP Genie Compound Sublist: 1-1660CAL.SUB
 Target Version: 4.14
 Processing Host: SACP307P

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
1.000	637403310	8426722	0.013	10.54	M 190 Aroclor 1016-Totals
5.521	183562218	2656964	0.014		191 Aroclor 1016-1
5.933	57131074	855095	0.015		192 Aroclor 1016-2
6.039	77822018	1085587	0.014		193 Aroclor 1016-3
6.789	152069423	1954145	0.013		194 Aroclor 1016-4
7.786	166818577	1874931	0.011		195 Aroclor 1016-5
1.000	961911868	11284685	0.012	16.14	M 196 Aroclor 1260-Totals
10.991	261681533	3434867	0.013		197 Aroclor 1260-1
11.995	103302148	1408709	0.014		198 Aroclor 1260-2
12.619	191454414	2571329	0.013		199 Aroclor 1260-3
13.983	93996921	1201051	0.013		200 Aroclor 1260-4
14.141	311476852	2668729	0.009		201 Aroclor 1260-5
3.685	519424854	8825777	0.017	8.59	\$ 13 TCX
4.022	10852426	150105	0.014	0.17	
4.329	20014821	302241	0.015	0.33	
4.631	21479783	346270	0.016	0.35	
4.755	104083906	1519160	0.015	1.72	
5.163	13063020	197277	0.015	0.21	
5.755	14498335	224859	0.016	0.23	
5.840	11490938	185823	0.016	0.19	
6.309	57948428	734548	0.013	0.95	
6.501	384312913	5127303	0.013	6.36	
6.714	17015144	292194	0.017	0.28	
7.021	127162980	1875268	0.015	2.10	
7.215	88162639	1431461	0.016	1.45	
7.271	146546654	1468597	0.010	2.42	
7.998	133423131	1567894	0.012	2.20	
8.118	20325640	321231	0.016	0.33	
8.382	29416598	423084	0.014	0.48	
8.458	17138071	240140	0.014	0.28	
8.671	103001068	1140611	0.011	1.70	
9.083	70311730	995181	0.014	1.16	

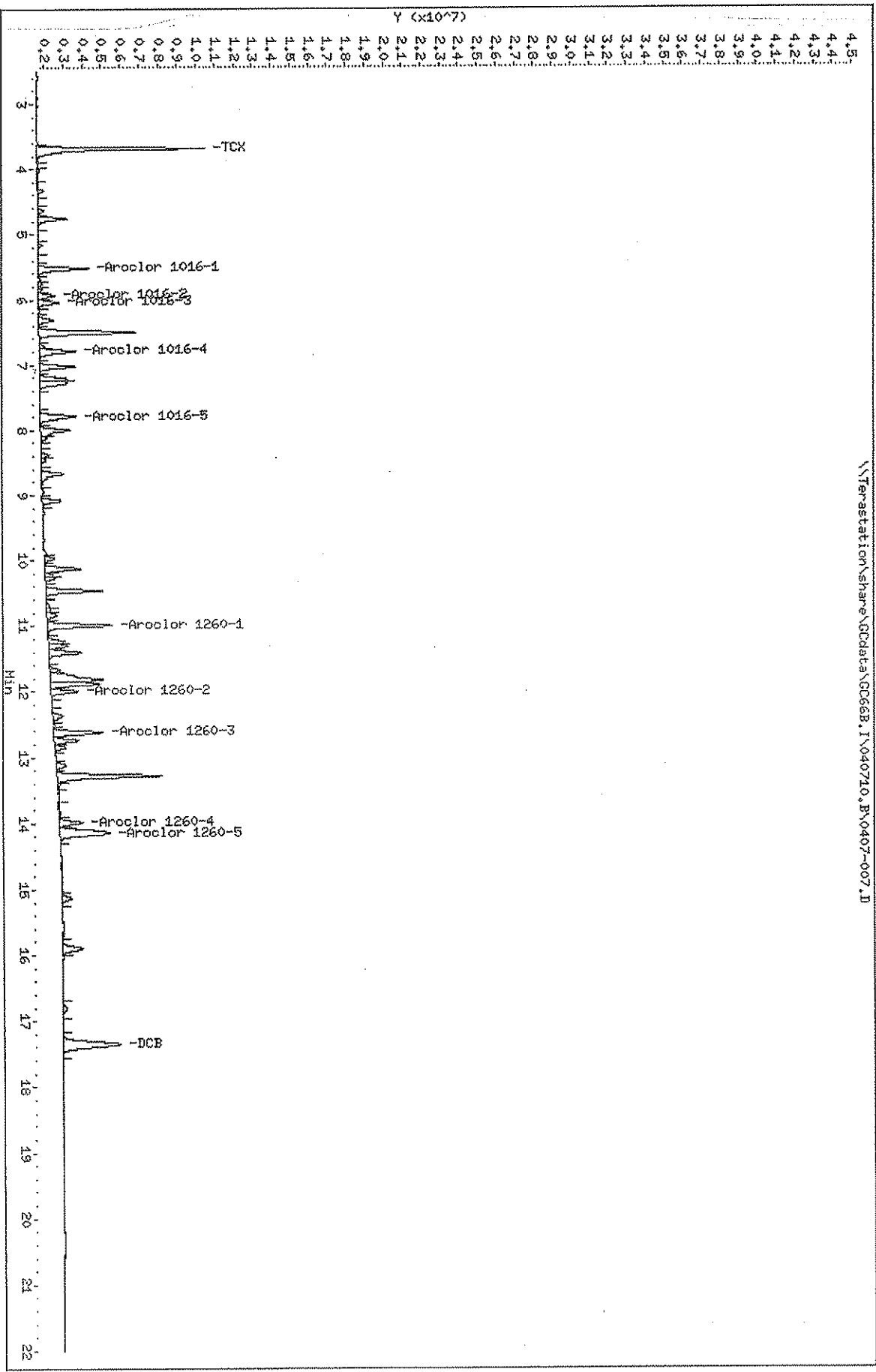
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
9.972	38951907	545095	0.014	0.64	
10.126	136644491	1916076	0.014	2.26	
10.218	23436086	413698	0.018	0.38	
10.270	37155726	527870	0.014	0.61	
10.464	208862688	2986609	0.014	3.45	
10.709	13832921	174682	0.013	0.22	
10.763	11449337	200644	0.018	0.18	
10.834	45551322	558491	0.012	0.75	
11.237	66614749	935429	0.014	1.10	
11.303	70365031	1012399	0.014	1.16	
11.407	132009825	1790062	0.014	2.18	
11.669	37625911	562359	0.015	0.62	
11.815	285662042	2763711	0.010	4.72	
11.882	184618268	2644974	0.014	3.05	
12.360	50390575	516828	0.010	0.83	
12.738	91970277	1268202	0.014	1.52	
12.846	42524800	605899	0.014	0.70	
13.116	45353391	535051	0.012	0.75	
13.284	433307639	5559916	0.013	7.17	
13.404	11643663	162812	0.014	0.19	
13.862	15758006	113905	0.007	0.26	
15.131	46446565	507829	0.011	0.76	
15.899	104633633	1049587	0.010	1.73	
16.804	23145428	209720	0.009	0.38	
17.352	375360895	3064889	0.008	6.21	\$ 34 DCB
===== 6042303439	===== 77707168	===== 100.000			

Total unknown % area = 58.52

Data File: \\Terastation\share\GCdata\GC66B.I\040710.B\0407-007.D
 Date: 08-09-2010 09:15
 Client ID:
 Sample Info: 1660_100 09CCS\0491 IC9L2\11222222
 Column phase: DB-1701

Instrument: GC66B.1
 Operator: WH
 Column diameter: 0.53

\\Terastation\share\GCdata\GC66B.I\040710.B\0407-007.D



Chromatography Summary
 Method 8082 Target Analyte Results

Injection Date: 4/8/2010 0:40 Operator: VN
 DataFile: GC66B.N040710.B\0407-008.D Vial Num: 5
 Instrument ID: GC66B

Sample : 1660_200 09GCSV0492 ICAL3

Method File: GC66B.N040710.B\8082.M

Start Cal Date: End Cal Date:

Matrix: NONE SubList: 1-1660CAL.SUB SpikeList:
 Samp. Info: 1660_200 09GCSV0492 ICAL3;1;;3;;;
 Misc. Info: 3;1-1660CAL.SUB;;

Dilution Factor	Extract Volume	Sample Volume	Sample Weight
1X	0 mL	0 mL	0 g

Column: DB-1701 30mX320umX1000nm

Compound Name	RT	Response	Spike Level	Flag	Response Factor
TCX	3.68	1316865823	25		52674632.92
DCB	17.35	934055054	25		37362202.16
Aroclor 1016-Totals	1.00	1215373878	200		6076869.39
Aroclor 1260-Totals	1.00	1813010053	200		9065050.265

Notes: M = Manually Integrated
 D = Operator Disabled Result
 O = Over Calibration Range

TestAmerica West Sacramento

8082, TO-4, TO-4A, TO-10, and TO-10A

Data file : \\Terastation\share\GCdata\GC66B.I\040710.B\0407-008.D
 Lab Smp Id: 1660 200 09GCSV0492
 Inj Date : 08-APR-2010 00:40
 Operator : VN Inst ID: GC66B.i
 Smp Info : 1660 200 09GCSV0492 ICAL3;1;;3;;;;
 Misc Info : 3;1-1660CAL.SUB;;;;
 Comment : PCBs by GC-ECD
 Method : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.m
 Meth Date : 08-Apr-2010 01:02 tap Quant Type: AREA%
 Cal Date : 18-MAR-2010 18:05 Cal File: 0318-005.D
 Als bottle: 5 Calibration Sample, Level: 3
 Dil Factor: 1.00000
 Integrator: HP Genie Compound Sublist: 1-1660CAL.SUB
 Target Version: 4.14
 Processing Host: SACP307P

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
1.000	1215373878	16242912	0.013	10.02	M 190 Aroclor 1016-Totals
5.521	348336897	5232521	0.015		191 Aroclor 1016-1
5.932	109171820	1661546	0.015		192 Aroclor 1016-2
6.038	148431215	2144139	0.014		193 Aroclor 1016-3
6.788	291022123	3714771	0.013		194 Aroclor 1016-4
7.787	318411823	3489935	0.011		195 Aroclor 1016-5
1.000	1813010053	21754748	0.012	15.20	M 196 Aroclor 1260-Totals
10.993	463569793	6624372	0.014		197 Aroclor 1260-1
11.996	198574644	2601066	0.013		198 Aroclor 1260-2
12.622	370416959	5077731	0.014		199 Aroclor 1260-3
13.984	177299314	2263877	0.013		200 Aroclor 1260-4
14.144	603149343	5187702	0.009		201 Aroclor 1260-5
3.685	1316865824	23701688	0.018	10.86	\$ 13 TCX
4.022	20011086	295089	0.015	0.16	
4.328	36681258	580514	0.016	0.30	
4.630	41315730	667884	0.016	0.34	
4.754	193554038	2943425	0.015	1.59	
5.163	25887481	386923	0.015	0.21	
5.687	13501117	215249	0.016	0.11	
5.755	28543240	439714	0.015	0.23	
5.839	22930685	369483	0.016	0.18	
6.308	110232905	1427278	0.013	0.90	
6.498	747122772	10163188	0.014	6.16	
6.712	33465187	573558	0.017	0.27	
7.019	245382717	3676066	0.015	2.02	
7.214	160286152	2710860	0.017	1.32	
7.260	286334185	2805264	0.010	2.36	
7.999	258651146	2983217	0.012	2.13	
8.118	39048142	610347	0.016	0.32	
8.380	57636645	785536	0.014	0.47	
8.458	33066209	467771	0.014	0.27	
8.672	194620646	2211464	0.011	1.60	

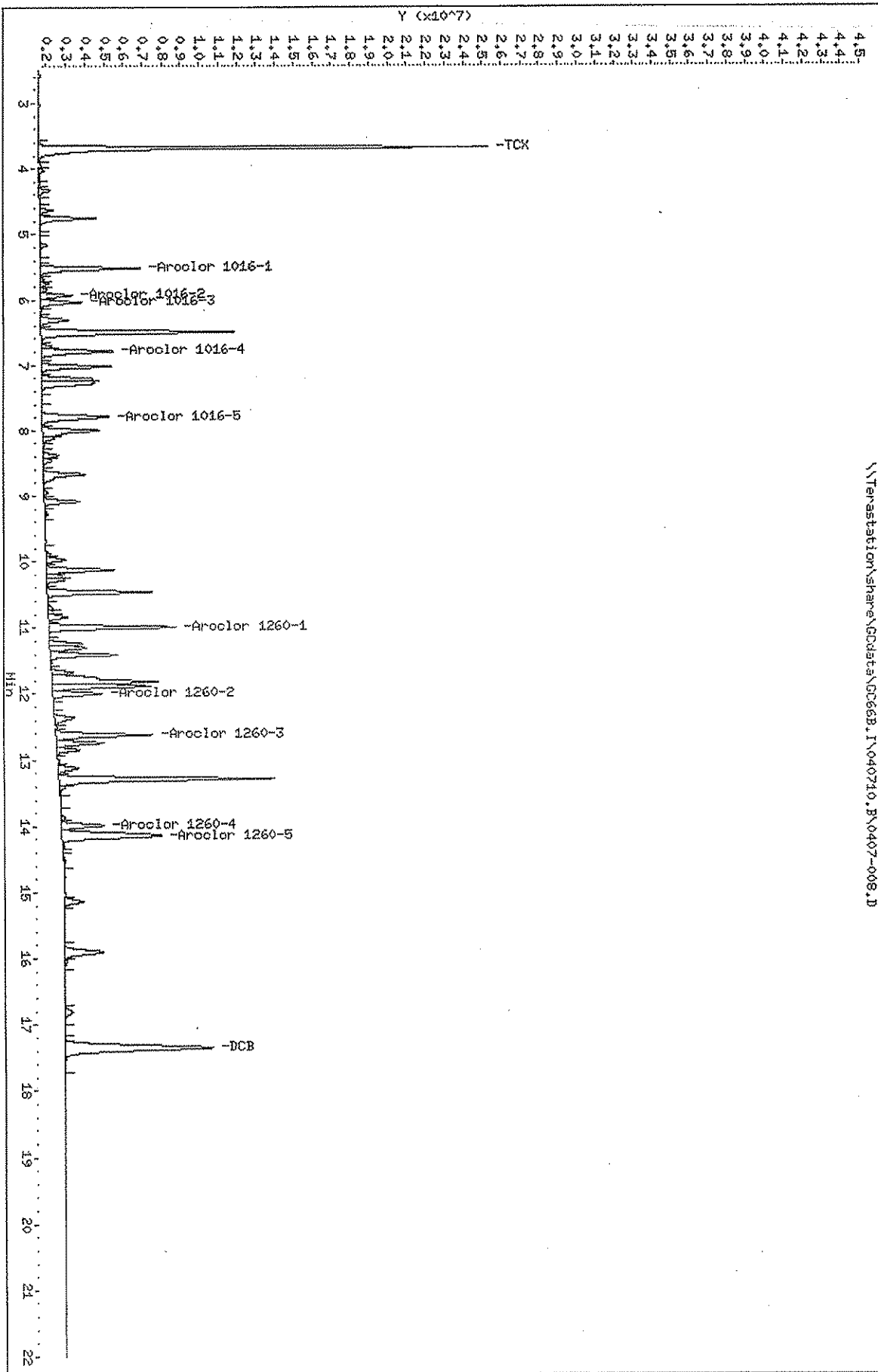
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
8.945	14996392	226057	0.015	0.12	
9.082	132083530	1887894	0.014	1.08	
9.278	15824421	174290	0.011	0.13	
9.891	18074398	283776	0.016	0.14	
9.970	73002092	1016566	0.014	0.60	
10.128	255303197	3541212	0.014	2.10	
10.220	45706040	810648	0.018	0.37	
10.271	68696291	963818	0.014	0.56	
10.465	391031352	5502219	0.014	3.22	
10.712	19465630	261202	0.013	0.16	
10.765	15641226	287349	0.018	0.12	
10.837	71128190	958370	0.013	0.58	
11.239	114956710	1719395	0.015	0.94	
11.304	129320867	1891869	0.015	1.06	
11.409	248204039	3506622	0.014	2.04	
11.670	72860356	1146288	0.016	0.60	
11.814	548702494	5547250	0.010	4.52	
11.882	352327135	5142637	0.015	2.90	
12.359	96215422	1052781	0.011	0.79	
12.739	177151548	2462409	0.014	1.46	
12.845	84522009	1224505	0.014	0.69	
13.118	89321057	1073112	0.012	0.73	
13.285	849078269	11391238	0.013	7.00	
13.407	21633296	296478	0.014	0.17	
13.865	17696459	192325	0.011	0.14	
14.523	10310362	126330	0.012	0.08	
15.134	92665922	1017221	0.011	0.76	
15.902	212421556	2021715	0.010	1.75	
16.030	10201688	120155	0.012	0.08	
16.807	48269449	414497	0.009	0.39	
17.354	934055055	7791077	0.008	7.70	\$ 34 DCB
	12124387557	160063483		100.000	

Total unknown % area = 56.22

Data File: \\Terastation\share\GCdata\GC66B.I\040710.B\0407-008.D
Date: 08-08-2010 00:40
Client ID:
Sample Info: 1660_200 09GCSW0492 ICAL3113111
Column phase: DB-1701

Instrument: GC66B.1
Operator: VN
Column diameter: 0.53

\\Terastation\share\GCdata\GC66B.I\040710.B\0407-008.D



Chromatography Summary
 Method 8082 Target Analyte Results

Injection Date: 4/8/2010 1:05 Operator: VN
 Data File: GC66B.I\040710.B\0407-009.D Vial Num: 6
 Instrument ID: GC66B

Sample: 1660_300 09GCSV0493 ICAL4

Method File: GC66B.I\040710.B\8082.M

Start Cal Date: End Cal Date:

Matrix: NONE SubList: I-1660CAL.SUB SpikeList:
 Samp. Info: 1660_300 09GCSV0493 ICAL4;1;4;;;
 Misc. Info: 3;I-1660CAL.SUB;;;

Dilution Factor	Extract Volume	Sample Volume	Sample Weight
1X	0 mL	0 mL	0 g

Column1 DB-1701 30mX320umX1000nm

Compound Name	RT	Response	Spike Level	Flag	Response Factor
TCX	3.69	2623367477	50		52467349.54
DCB	17.35	1787303761	50		35746075.22
Aroclor 1016-Totals	1.00	1840289270	300		6134297.567
Aroclor 1260-Totals	1.00	2774606404	300		9248688.013

Notes: M = Manually Integrated
 D = Operator Disabled Result
 O = Over Calibration Range

TestAmerica West Sacramento

8082, TO-4, TO-4A, TO-10, and TO-10A

Data file : \\Terastation\share\GCdata\GC66B.I\040710.B\0407-009.D
 Lab Smp Id: 1660 300 09GCSV0493
 Inj Date : 08-APR-2010 01:05
 Operator : VN Inst ID: GC66B.i
 Smp Info : 1660 300 09GCSV0493 ICAL4;1;;4;;;
 Misc Info : 3;1-1660CAL.SUB;;;
 Comment : PCBs by GC-ECD
 Method : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.m
 Meth Date : 08-Apr-2010 01:27 tap Quant Type: AREA%
 Cal Date : 18-MAR-2010 18:05 Cal File: 0318-005.D
 Als bottle: 6 Calibration Sample, Level: 4
 Dil Factor: 1.00000
 Integrator: HP Genie Compound Sublist: 1-1660CAL.SUB
 Target Version: 4.14
 Processing Host: SACP307P

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
1.000	1840289270	24224080	0.013	9.21	M 190 Aroclor 1016-Totals
5.521	527819896	7650263	0.014		191 Aroclor 1016-1
5.932	165818858	2475027	0.015		192 Aroclor 1016-2
6.039	223680345	3162316	0.014		193 Aroclor 1016-3
6.789	439986631	5599584	0.013		194 Aroclor 1016-4
7.789	482983540	5336890	0.011		195 Aroclor 1016-5
1.000	2774606404	33270478	0.012	14.22	M 196 Aroclor 1260-Totals
10.994	707731804	10113148	0.014		197 Aroclor 1260-1
11.996	300560565	4279573	0.014		198 Aroclor 1260-2
12.623	576621012	7765745	0.013		199 Aroclor 1260-3
13.985	267303544	3382344	0.013		200 Aroclor 1260-4
14.143	922389479	7729668	0.008		201 Aroclor 1260-5
2.580	23812450	292269	0.012	0.11	
2.735	13274242	215703	0.016	0.06	
2.911	49302717	930276	0.019	0.24	
3.035	13729395	246052	0.018	0.06	
3.685	2623367478	45212689	0.017	13.13	\$ 13 TCX
4.022	32249815	459198	0.014	0.16	
4.327	56707042	833027	0.015	0.28	
4.631	61962345	963565	0.016	0.31	
4.753	299052642	4259326	0.014	1.49	
5.163	38412231	572266	0.015	0.19	
5.690	20181364	323434	0.016	0.10	
5.755	43797895	652733	0.015	0.21	
5.839	34875809	535407	0.015	0.17	
6.310	167921523	2127305	0.013	0.84	
6.499	1144568770	15237758	0.013	5.73	
6.713	48661165	836551	0.017	0.24	
7.021	372381620	5393578	0.014	1.86	
7.219	233203497	4041116	0.017	1.16	
7.260	439003344	4157316	0.009	2.19	
7.513	14676154	150567	0.010	0.07	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
7.999	392490057	4519873	0.012	1.96	
8.118	59638296	893276	0.015	0.29	
8.379	87050410	1166375	0.013	0.43	
8.482	126785489	1431965	0.011	0.63	
8.670	296219881	3257079	0.011	1.48	
8.829	16761216	223028	0.013	0.08	
8.947	24512705	349840	0.014	0.12	
9.084	198001731	2792572	0.014	0.99	
9.281	24779755	262826	0.011	0.12	
9.890	26899531	430198	0.016	0.13	
9.972	108834443	1539756	0.014	0.54	
10.126	391182446	5273311	0.013	1.95	
10.221	66528139	1217165	0.018	0.33	
10.270	105133025	1448581	0.014	0.52	
10.466	589675450	8342225	0.014	2.95	
10.710	32412829	421240	0.013	0.16	
10.766	21486765	447912	0.021	0.10	
10.837	110146640	1459394	0.013	0.55	
11.241	170794721	2482963	0.015	0.85	
11.302	208931802	2855767	0.014	1.04	
11.409	390958117	5287635	0.014	1.95	
11.671	110820481	1742336	0.016	0.55	
11.816	855865053	8755504	0.010	4.28	
11.886	521237360	7543047	0.014	2.61	
12.359	146611952	1622547	0.011	0.73	
12.508	37501588	464918	0.012	0.18	
12.741	270037505	3682501	0.014	1.35	
12.845	129415047	1767990	0.014	0.64	
13.008	10336874	168430	0.016	0.05	
13.119	136361953	1643814	0.012	0.68	
13.284	1314873817	17925239	0.014	6.58	
13.405	27351292	403044	0.015	0.13	
13.633	41714686	334988	0.008	0.20	
13.865	21966032	274147	0.012	0.11	
14.527	18387003	229672	0.012	0.09	
14.805	48623121	310553	0.006	0.24	
15.029	14984905	189866	0.013	0.07	
15.134	142206903	1513302	0.011	0.71	
15.901	320192441	3248420	0.010	1.60	
16.035	16881721	188522	0.011	0.08	
16.254	39808211	230749	0.006	0.19	
16.806	74697081	685994	0.009	0.37	
17.351	1787303761	14663063	0.008	8.95	\$ 34 DCB
18.017	42860464	192846	0.004	0.21	
20.248	40383185	147018	0.004	0.20	
===== 19965683063	===== 258966185	===== 100.000			

Total unknown % area = 54.49

Data File: \\Terastation\share\GCdata\GC66B.I\040710.B\0407-009.D
Date: 08-APR-2010 01:05

Client ID:

Sample Infol 1660_300 09GC66B0493 ICAL41141111

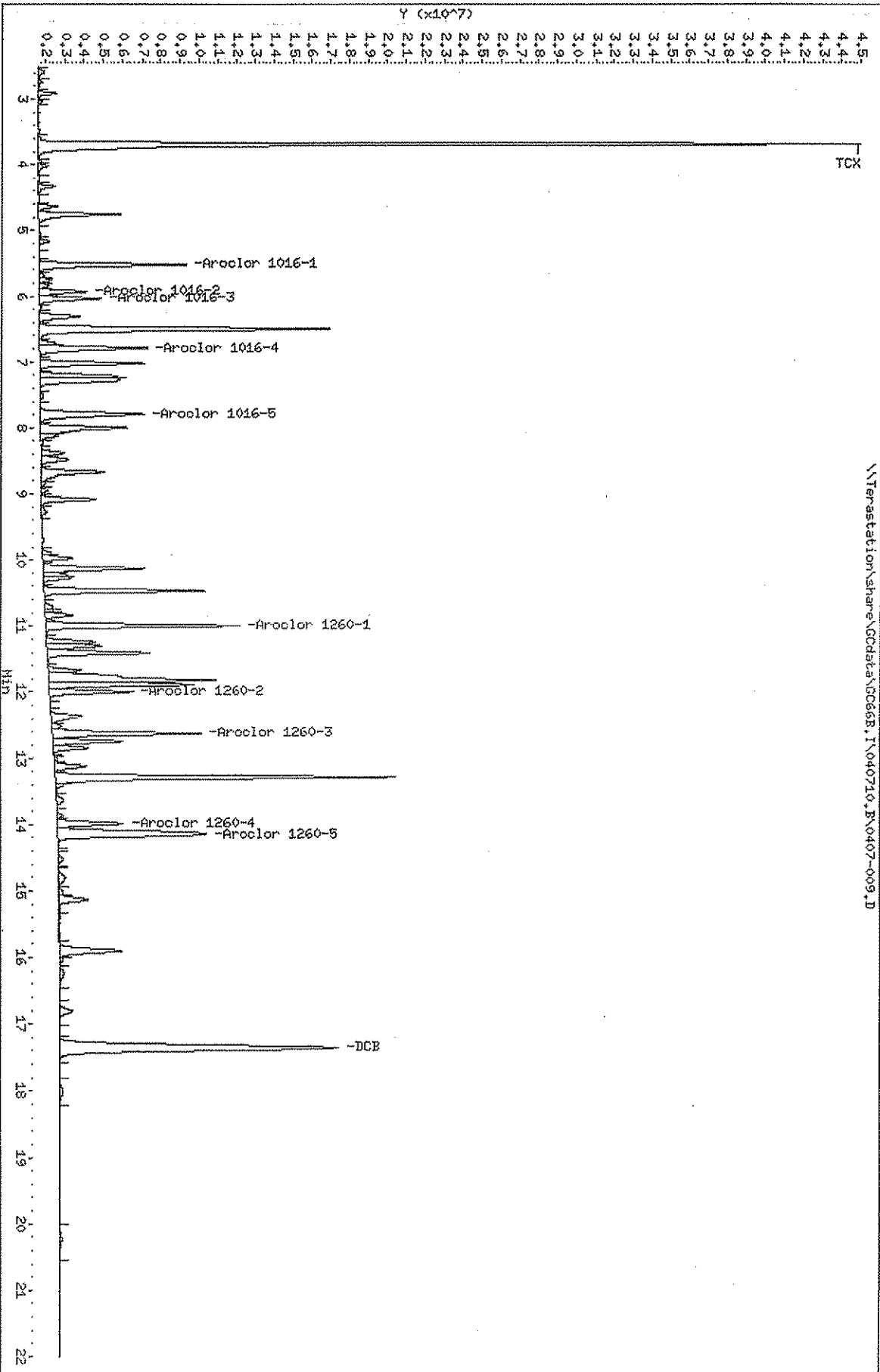
Column phase: DB-1701

Instrument: GC66B.1

Operator: VN

Column diameter: 0.53

\\Terastation\share\GCdata\GC66B.I\040710.B\0407-009.D



Chromatography Summary
 Method 8082 Target Analyte Results

Injection Date: 4/8/2010 1:30 Operator: VN
 DataFile: GC66B.I\040710.B\0407-010.D Vial Num: 7
 Instrument ID: GC66B

Sample: 1660_500 09GCSV0494 ICAL5

Method File: GC66B.I\040710.B\8082.M
 Start Cal Date: End Cal Date:

Matrix: NONE SubList: 1-1660CAL.SUB SpikeList:
 Samp. Info: 1660_500 09GCSV0494 ICAL5;1;;5;;;
 Misc. Info: 3;1-1660CAL.SUB;;;

Dilution Factor	Extract Volume	Sample Volume	Sample Weight
1X	0 mL	0 mL	0 g

Column1 DB-1701 30mX320umX1000nm

Compound Name	RT	Response	Spike Level	Flag	Response Factor
TCX	3.68	3754805616	70		53640080.23
DCB	17.35	2642677784	70		37752539.77
Aroclor 1016-Totals	1.00	2909314514	500		5618629.028
Aroclor 1260-Totals	1.00	4691436118	500		9382672.236

Notes: M = Manually Integrated
 D = Operator Disabled Result
 O = Over Calibration Range

TestAmerica West Sacramento

8082, TO-4, TO-4A, TO-10, and TO-10A
 Data file : \\Terastation\share\GCdata\GC66B.I\040710.B\0407-010.D
 Lab Smp Id: 1660 500 09GCSV0494
 Inj Date : 08-APR-2010 01:30
 Operator : VN Inst ID: GC66B.i
 Smp Info : 1660 500 09GCSV0494 ICAL5;1;;5;;;;
 Misc Info : 3;1-1660CAL.SUB;;;;
 Comment : PCBs by GC-ECD
 Method : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.m
 Meth Date : 08-Apr-2010 01:53 tap Quant Type: AREA%
 Cal Date : 18-MAR-2010 18:05 Cal File: 0318-005.D
 Als bottle: 7 Calibration Sample, Level: 5
 Dil Factor: 1.00000
 Integrator: HP Genie Compound Sublist: 1-1660CAL.SUB
 Target Version: 4.14
 Processing Host: SACP307P

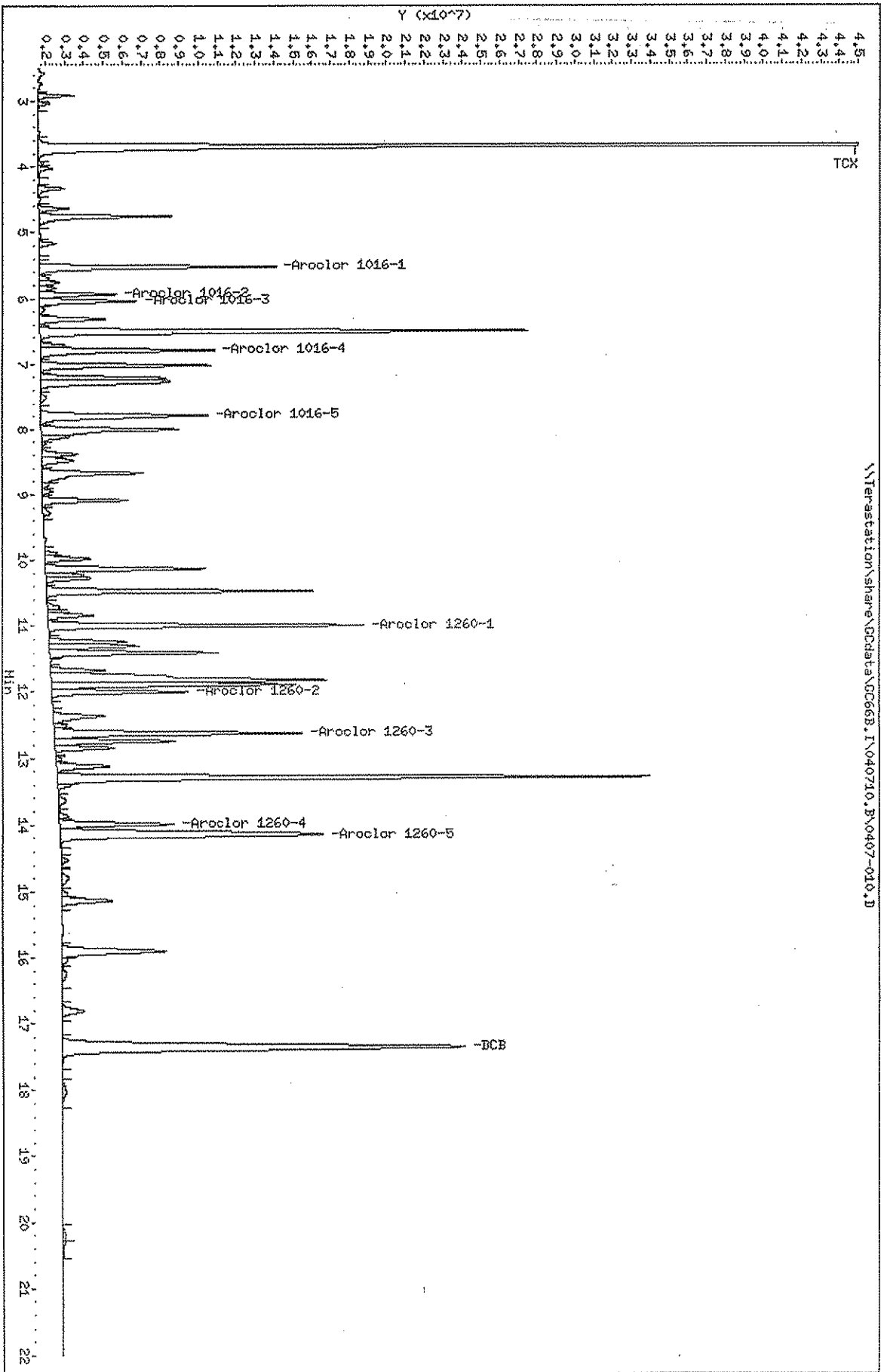
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
1.000	2909314514	39299146	0.014	9.14	M 190 Aroclor 1016-Totals
5.522	836688324	12415296	0.015		191 Aroclor 1016-1
5.934	261835079	3972969	0.015		192 Aroclor 1016-2
6.039	348886816	5054839	0.014		193 Aroclor 1016-3
6.790	696519166	9153585	0.013		194 Aroclor 1016-4
7.786	765385129	8702457	0.011		195 Aroclor 1016-5
1.000	4691436118	56565162	0.012	15.11	M 196 Aroclor 1260-Totals
10.994	1167040312	16639108	0.014		197 Aroclor 1260-1
11.997	503508090	7117847	0.014		198 Aroclor 1260-2
12.624	971683399	13054867	0.013		199 Aroclor 1260-3
13.986	453501338	5956203	0.013		200 Aroclor 1260-4
14.144	1595702979	13797137	0.009		201 Aroclor 1260-5
2.911	92658972	1846530	0.020	0.29	
3.034	30934502	573229	0.019	0.09	
3.685	3754805616	66842719	0.018	11.79	\$ 13 TCX
3.952	15081014	275786	0.018	0.04	
4.022	48697082	717687	0.015	0.15	
4.328	87172924	1323289	0.015	0.27	
4.631	96575193	1550422	0.016	0.30	
4.754	468453553	6971191	0.015	1.47	
5.164	59398019	891128	0.015	0.18	
5.690	32694056	520164	0.016	0.10	
5.754	69152089	1026719	0.015	0.21	
5.839	53965171	854322	0.016	0.16	
6.167	24081126	251219	0.010	0.07	
6.310	262546211	3395072	0.013	0.82	
6.500	1854022721	25771244	0.014	5.82	
6.712	76990322	1344440	0.017	0.24	
7.021	592936225	8867382	0.015	1.86	
7.212	381774504	6543539	0.017	1.19	
7.268	676818228	6775479	0.010	2.12	
7.514	32535019	293026	0.009	0.10	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
8.000	628862759	7282930	0.012	1.97	
8.116	92802411	1456462	0.016	0.29	
8.218	15559745	231502	0.015	0.04	
8.381	139230605	1892740	0.014	0.43	
8.476	150133933	1650741	0.011	0.47	
8.670	472558406	5331599	0.011	1.48	
8.829	28538931	348327	0.012	0.08	
8.948	40408891	562166	0.014	0.12	
9.084	318716205	4452907	0.014	1.00	
9.279	39965691	414296	0.010	0.12	
9.892	43327801	685975	0.016	0.13	
9.972	174400212	2408899	0.014	0.54	
10.127	613239236	8363591	0.014	1.92	
10.220	114684296	2004665	0.017	0.36	
10.271	166027840	2369041	0.014	0.52	
10.465	969849619	14070079	0.015	3.04	
10.712	54590716	705761	0.013	0.17	
10.767	41521198	772686	0.019	0.13	
10.837	184559473	2416631	0.013	0.57	
11.240	279276673	4063080	0.015	0.87	
11.303	337052016	4743133	0.014	1.05	
11.409	627515327	8858130	0.014	1.97	
11.670	184861787	2863150	0.015	0.58	
11.818	1446900987	14490237	0.010	4.54	
11.885	874362419	12793153	0.015	2.74	
12.360	240607714	2705868	0.011	0.75	
12.506	49883491	672962	0.013	0.15	
12.741	451613401	6302748	0.014	1.41	
12.843	217974011	3084554	0.014	0.68	
13.010	17796913	291726	0.016	0.05	
13.116	232294106	2748598	0.012	0.72	
13.286	2292830195	31357465	0.014	7.20	
13.402	41336217	681285	0.016	0.12	
13.636	47296412	380589	0.008	0.14	
13.862	37017486	466588	0.013	0.11	
14.523	29813374	364608	0.012	0.09	
14.786	56877672	376973	0.007	0.17	
15.027	25244610	334917	0.013	0.07	
15.132	240306038	2653624	0.011	0.75	
15.900	553191668	5444819	0.010	1.73	
16.040	27806129	315562	0.011	0.08	
16.256	41622520	247701	0.006	0.13	
16.809	126275266	1132600	0.009	0.39	
17.353	2642677785	21283235	0.008	8.30	\$ 34 DCB
18.019	44168964	198044	0.004	0.13	
20.258	31204445	177752	0.006	0.09	
20.276	29645230	175760	0.006	0.09	
=====					
	31828474004	419128754		100.000	

Total unknown % area = 55.66

Data File: \\Terastation\share\GCdata\GC66B.I\040710.B\0407-010.D
Date : 08-08-2010 01:30
Client ID:
Sample Info: 1660_800 090CSV0494 ICAL511511?
Column phase: DB-1701

Instrument: GC66B.i
Operator: VN
Column diameter: 0.53



Chromatography Summary
Method 8082 Target Analyte Results

Injection Date: 4/8/2010 1:55 Operator: VN
 DataFile: GC66B.N040710.B\0407-011.D Vial Num: 8
 Instrument ID: GC66B

Sample: **1660_1000 09GCSV0495 ICAL6**

Method File: GC66B.N040710.B\8082.M
 Start Cal Date: End Cal Date:

Matrix: NONE SubList: 1-1660CAL.SUB SpikeList:
 Samp. Info: 1660_1000 09GCSV0495 ICAL6;1;;6;;;
 Misc. Info: 3;1-1660CAL.SUB;;

Dilution Factor	Extract Volume	Sample Volume	Sample Weight
IX	0 mL	0 mL	0 g

Column1 DB-1701 30mX320umX1000nm

Compound Name	RT	Response	Spike Level	Flag	Response Factor
TCX	3.69	5451353806	100		54513538.06
DCB	17.36	3447203672	100		34472036.72
Aroclor 1016-Totals	1.00	5595002342	1000		5595002.342
Aroclor 1260-Totals	1.00	8601596465	1000		8601596.465

Notes: M = Manually Integrated
 D = Operator Disabled Result
 O = Over Calibration Range

TestAmerica West Sacramento

8082, TO-4, TO-4A, TO-10, and TO-10A
 Data file : \\Terastation\share\GCdata\GC66B.I\040710.B\0407-011.D
 Lab Smp Id: 1660 1000 09GCSV049
 Inj Date : 08-APR-2010 01:55
 Operator : VN Inst ID: GC66B.i
 Smp Info : 1660 1000 09GCSV0495 ICAL6;1;;6;iii
 Misc Info : 3;1-1660CAL.SUB;ii
 Comment : PCBs by GC-ECD
 Method : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.m
 Meth Date : 08-Apr-2010 02:18 tap Quant Type: AREA%
 Cal Date : 18-MAR-2010 18:05 Cal File: 0318-005.D
 Als bottle: 8 Calibration Sample, Level: 6
 Dil Factor: 1.00000
 Integrator: HP Genie Compound Sublist: 1-1660CAL.SUB
 Target Version: 4.14
 Processing Host: SACP307P

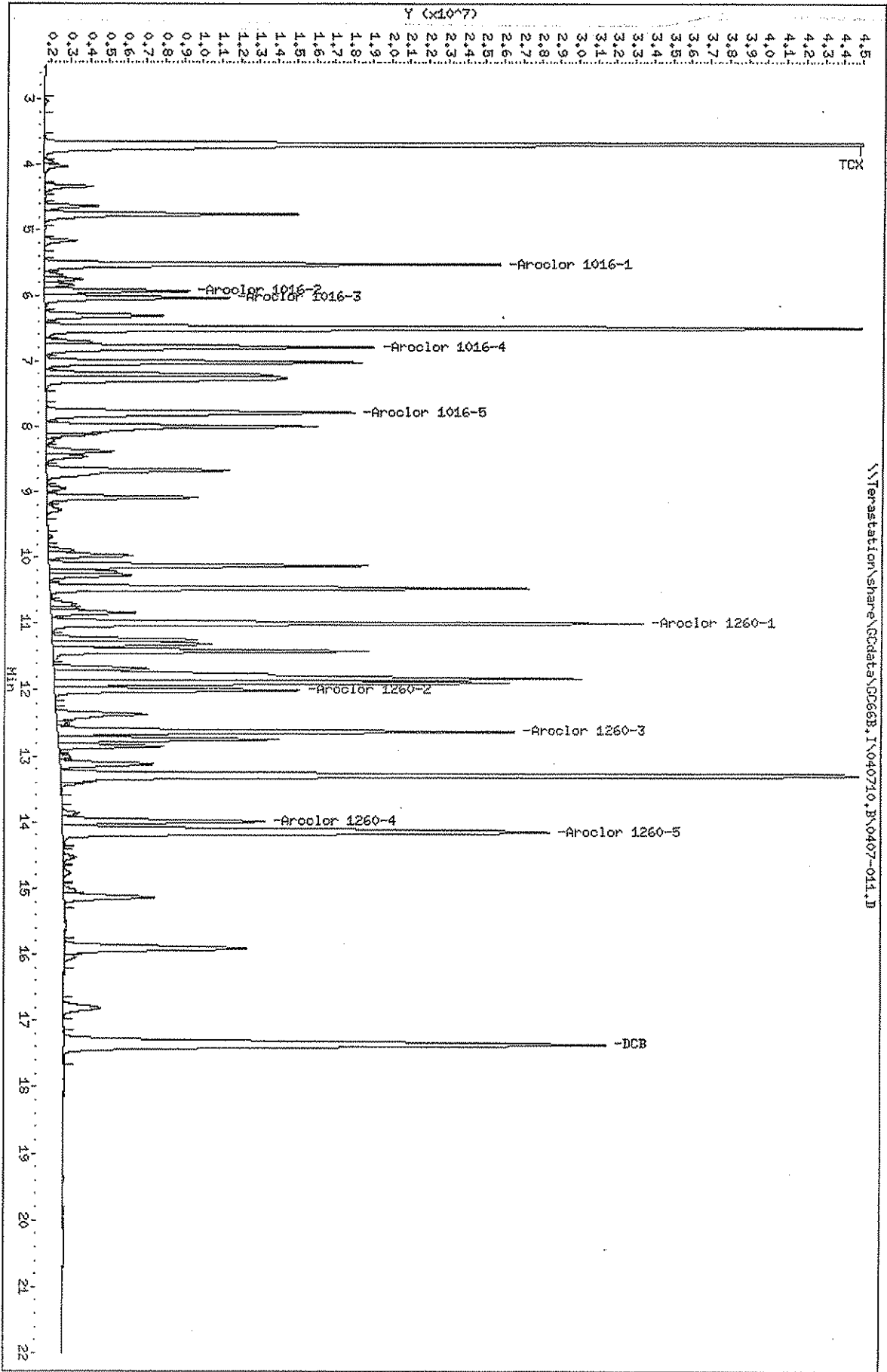
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
1.000	5595002342	75167219	0.013	10.09	M 190 Aroclor 1016-Totals
5.522	1622602281	24125997	0.015		191 Aroclor 1016-1
5.934	499213135	7636899	0.015		192 Aroclor 1016-2
6.040	671984958	9690973	0.014		193 Aroclor 1016-3
6.791	1340876562	17380241	0.013		194 Aroclor 1016-4
7.790	1460325406	16333109	0.011		195 Aroclor 1016-5
1.000	8601596465	105061354	0.012	15.81	M 196 Aroclor 1260-Totals
10.993	2145316824	31379934	0.015		197 Aroclor 1260-1
11.998	924040993	12975516	0.014		198 Aroclor 1260-2
12.624	1778039359	24190970	0.014		199 Aroclor 1260-3
13.987	816561774	10684523	0.013		200 Aroclor 1260-4
14.144	2937637515	25830411	0.009		201 Aroclor 1260-5
3.036	14368883	210772	0.015	0.02	
3.685	5451353807	94862486	0.017	9.84	\$ 13 TCX
3.953	28489035	511072	0.018	0.05	
4.023	85492502	1220947	0.014	0.15	
4.329	162819634	2497843	0.015	0.29	
4.631	177014738	2776466	0.016	0.31	
4.755	872473927	13444227	0.015	1.57	
5.164	108493882	1646072	0.015	0.19	
5.691	60840975	960126	0.016	0.10	
5.755	127890868	1915815	0.015	0.23	
5.840	97382649	1504805	0.015	0.17	
6.311	493551302	6191882	0.013	0.89	
6.501	3645322816	50234049	0.014	6.58	
6.714	142619920	2424167	0.017	0.25	
7.023	1148323793	16743178	0.015	2.07	
7.220	714258703	11994898	0.017	1.28	
7.261	1302105975	12726774	0.010	2.35	
8.001	1207108978	14355849	0.012	2.17	
8.117	168120039	2655596	0.016	0.30	
8.221	30798627	439144	0.014	0.05	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
8.382	259394633	3549524	0.014	0.46	
8.461	149680736	2082322	0.014	0.27	
8.672	863616247	9648667	0.011	1.55	
8.948	71729747	990234	0.014	0.12	
9.086	581903993	7962212	0.014	1.05	
9.281	73262907	749921	0.010	0.13	
9.693	16230662	216158	0.013	0.02	
9.894	80124711	1273234	0.016	0.14	
9.975	319722284	4400775	0.014	0.57	
10.129	1158491502	16840231	0.015	2.09	
10.222	209138048	3599202	0.017	0.37	
10.273	307431412	4287134	0.014	0.55	
10.466	1808589471	25342042	0.014	3.26	
10.711	99320077	1294882	0.013	0.17	
10.770	78012726	1413986	0.018	0.14	
10.839	326676434	4412156	0.014	0.58	
11.242	503572000	7620498	0.015	0.90	
11.305	589374117	8422698	0.014	1.06	
11.411	1175526841	16703404	0.014	2.12	
11.674	332755653	5005000	0.015	0.60	
11.818	2690206813	27960910	0.010	4.85	
11.887	1626200624	24136485	0.015	2.93	
12.362	427707279	4730319	0.011	0.77	
12.501	43154529	660401	0.015	0.07	
12.742	819618141	11652900	0.014	1.47	
12.847	395061651	5525359	0.014	0.71	
13.012	33421259	568114	0.017	0.06	
13.119	421298909	4930919	0.012	0.76	
13.287	4292788816	57511005	0.013	7.74	
13.407	73908984	1214844	0.016	0.13	
13.867	62845991	848743	0.014	0.11	
14.528	47334984	590699	0.012	0.08	
14.766	29837713	342359	0.011	0.05	
15.029	45930963	631185	0.014	0.08	
15.135	435958424	4795393	0.011	0.78	
15.905	997179039	9635845	0.010	1.80	
16.037	50247512	565887	0.011	0.09	
16.812	218845776	1905705	0.009	0.39	
17.357	3447203673	28838053	0.008	6.22	\$ 34 DCB
=====	=====	=====	=====	=====	
	55398735144	732404146		100.000	

Total unknown % area = 58.04

Data File: \\Terastation\share\GCdata\GC66B.I\040710.B\0407-011.D
 Date: 08-APR-2010 01:58
 Client ID:
 Sample Info: 1660_1000 09CCSN0495 ICAL51156111
 Column phase: DB-1701

Instrument: GC66B.1
 Operator: VN
 Column diameter: 0.53



Chromatography Summary
 Method 8082 Target Analyte Results

Injection Date: 4/8/2010 2:21 Operator: VN
 Data File: GC66B.N040710.BW0407-012.D Vial Num: 9
 Instrument ID: GC66B

Sample: 1660_2000 09GCSV0496 ICAL7

Method File: GC66B.N040710.BW082.M
 Start Cal Date: End Cal Date:

Matrix: NONE SubList: 1-1660CAL.SUB SpikeList:
 Samp. Info: 1660_2000 09GCSV0496 ICAL7;1;;7;;;
 Misc. Info: 3;1-1660CAL.SUB;;;

Dilution Factor	Extract Volume	Sample Volume	Sample Weight
1X	0 mL	0 mL	0 g

Column1 DB-1701 30mX320umX1000nm

Compound Name	RT	Response	Spike Level	Flag	Response Factor
TCX	3.69	11145612524	200	O	55728062.62
DCB	17.36	7062600362	200		35313001.81
Aroclor 1016-Totals	1.00	11075702528	2000		5537851.264
Aroclor 1260-Totals	1.00	17634071894	2000		8817035.947

Notes: M = Manually Integrated
 D = Operator Disabled Result
 O = Over Calibration Range

TestAmerica West Sacramento

8082, TO-4, TO-4A, TO-10, and TO-10A
 Data file : \\Terastation\share\GCdata\GC66B.I\040710.B\0407-012.D
 Lab Smp Id: 1660 2000 09GCSV049
 Inj Date : 08-APR-2010 02:21
 Operator : VN Inst ID: GC66B.i
 Smp Info : 1660 2000 09GCSV0496 ICAL7;1;;7;;;
 Misc Info : 3;1-1660CAL.SUB;;;
 Comment : PCBs by GC-ECD
 Method : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.m
 Meth Date : 08-Apr-2010 02:43 tap Quant Type: AREA%
 Cal Date : 18-MAR-2010 18:05 Cal File: 0318-005.D
 Als bottle: 9 Calibration Sample, Level: 7
 Dil Factor: 1.00000
 Integrator: HP Genie Compound Sublist: 1-1660CAL.SUB
 Target Version: 4.14
 Processing Host: SACP307P

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
1.000	11075702528	152372462	0.014	9.92	M 190 Aroclor 1016-Totals
5.522	3221851852	50154609	0.016		191 Aroclor 1016-1
5.934	975591382	15107569	0.015		192 Aroclor 1016-2
6.039	1317348999	19425708	0.015		193 Aroclor 1016-3
6.789	2658796731	35192654	0.013		194 Aroclor 1016-4
7.790	2902113564	32491922	0.011		195 Aroclor 1016-5
1.000	17634071894	214684230	0.012	16.12	M 196 Aroclor 1260-Totals
10.995	4437212539	64120799	0.014		197 Aroclor 1260-1
11.996	1845432392	26165092	0.014		198 Aroclor 1260-2
12.623	3614254529	48826396	0.014		199 Aroclor 1260-3
13.987	1644155961	21575405	0.013		200 Aroclor 1260-4
14.143	6093016473	53996538	0.009		201 Aroclor 1260-5
3.036	23914111	409059	0.017	0.02	
3.685	11145612524	205125850	0.018	9.98	\$ 13 TCX
3.953	53523787	973819	0.018	0.04	
4.023	153402895	2320446	0.015	0.13	
4.328	310207032	4842781	0.016	0.27	
4.492	13223797	215024	0.016	0.01	
4.631	332203474	5435273	0.016	0.29	
4.754	1709184616	27005405	0.016	1.53	
4.969	10132649	112761	0.011	0.00	
5.164	205852033	3083931	0.015	0.18	
5.691	116726475	1834077	0.016	0.10	
5.754	240325170	3774497	0.016	0.21	
5.840	181797717	2843589	0.016	0.16	
6.310	960926258	12350639	0.013	0.86	
6.500	7350271377	100293195	0.014	6.58	
6.714	268792073	4548923	0.017	0.24	
7.022	2292041549	34598453	0.015	2.05	
7.215	1382374698	24244106	0.018	1.23	
7.270	2612170583	25731071	0.010	2.33	
8.000	2422102457	29064245	0.012	2.16	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
8.119	309753615	4885616	0.016	0.27	
8.218	58869871	851280	0.014	0.05	
8.382	502359596	6692738	0.013	0.44	
8.459	284662327	3884446	0.014	0.25	
8.672	1678224454	19338472	0.012	1.50	
8.947	137407600	1952785	0.014	0.12	
9.085	1126053093	15749872	0.014	1.00	
9.281	141156645	1468086	0.010	0.12	
9.692	31571419	426624	0.014	0.02	
9.892	156215790	2504784	0.016	0.13	
9.972	607875150	8433758	0.014	0.54	
10.128	2306336510	32917427	0.014	2.06	
10.222	400640394	7141680	0.018	0.35	
10.274	590526170	8142009	0.014	0.52	
10.468	3649207085	53929892	0.015	3.26	
10.710	178846736	2419008	0.014	0.16	
10.765	148494479	2600235	0.018	0.13	
10.835	620165980	8817530	0.014	0.55	
11.241	974103019	14254277	0.015	0.87	
11.303	1173634833	16925933	0.014	1.05	
11.409	2386981859	34694339	0.015	2.13	
11.672	652207309	10042669	0.015	0.58	
11.819	5513820038	55926504	0.010	4.93	
11.884	3288061835	47556377	0.014	2.94	
12.360	845327415	9452398	0.011	0.75	
12.498	87643906	1323215	0.015	0.07	
12.742	1631444373	22515555	0.014	1.46	
12.846	780749882	10727658	0.014	0.69	
13.010	68563354	1076441	0.016	0.06	
13.121	844792713	9852186	0.012	0.75	
13.287	8959122831	125889259	0.014	8.02	
13.408	139564622	2335414	0.017	0.12	
13.868	124497397	1667798	0.013	0.11	
14.525	94310016	1158675	0.012	0.08	
14.765	57339716	663494	0.012	0.05	
15.025	93740325	1240592	0.013	0.08	
15.131	875299187	9489246	0.011	0.78	
15.905	2029766180	20691478	0.010	1.81	
16.040	104798363	1140200	0.011	0.09	
16.810	433599028	3849412	0.009	0.38	
17.356	7062600363	61159573	0.009	6.32	\$ 34 DCB
=====	=====	=====	=====	=====	
	111644895179	1501652771		100.000	

Total unknown % area = 57.66

Data File: \\Terastation\share\GCdata\GC66B.I\040710.B\0407-012.D

Date: 08-APR-2010 02:21

Client ID:

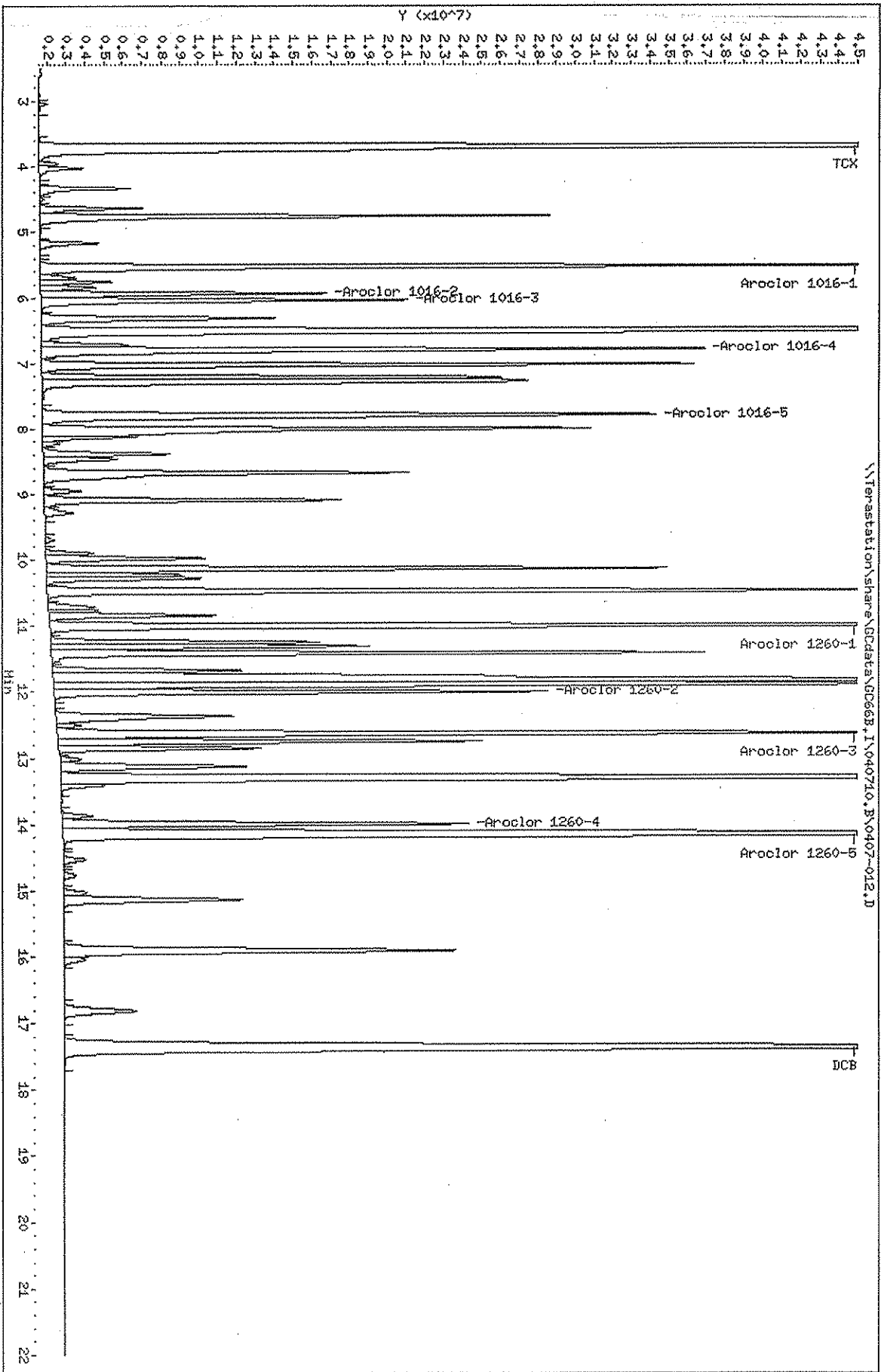
Sample Info: 1660_2000 09DCS\0496 10K171177777

Column phase: DB-1701

Instrument: GC66B.1

Operator: NH

Column diameter: 0.53



Chromatography Summary
Method 8082 Target Analyte Results

Injection Date: 4/8/2010 3:36 Operator: VN
DataFile: GC66B.1\040710.B\0407-015.D Vial Num: 12
Instrument ID: GC66B

Sample : 1221-54_300 10GCSV0067 ICAL

Method File: GC66B.1\040710.B\8082.M
Start Cal Date: End Cal Date:

Matrix: NONE SubList: 2-1221-1254CAL.SSpikeList:
Samp. Info: 1221-54_300 10GCSV0067 ICAL:1;4;;;
Misc. Info: 3;2-1221-1254CAL.SUB;;

Dilution Factor	Extract Volume	Sample Volume	Sample Weight
1X	0 mL	0 mL	0 g

Column1 DB-1701 30mX320umX1000nm

Compound Name	RT	Response	Spike Level	Flag	Response Factor
Aroclor 1221-Total	1.01	634854098	300		2116180.327
Aroclor 1254-Totals	1.00	2949533959	300		9831779.863

Notes: M = Manually Integrated
D = Operator Disabled Result
O = Over Calibration Range

TestAmerica West Sacramento

8082, TO-4, TO-4A, TO-10, and TO-10A
 Data file : \\Terastation\share\GCdata\GC66B.I\040710.B\0407-015.D
 Lab Smp Id: 1221-54 300 10GCSV0
 Inj Date : 08-APR-2010 03:36
 Operator : VN
 Smp Info : 1221-54 300 10GCSV0067 ICAL;1;;4;;; Inst ID: GC66B.i
 Misc Info : 3;2-1221-1254CAL.SUB;;;
 Comment : PCBs by GC-ECD
 Method : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.m
 Meth Date : 08-Apr-2010 03:58 tap Quant Type: AREA%
 Cal Date : 18-MAR-2010 18:05 Cal File: 0318-005.D
 Als bottle: 12 Calibration Sample, Level: 4
 Dil Factor: 1.00000
 Integrator: HP Genie Compound Sublist: 2-1221-1254CAL.SU
 Target Version: 4.14
 Processing Host: SACP307P

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
1.000	2949533959	37505607	0.013	32.16	M 224 Aroclor 1254-Totals
8.676	676077636	8753796	0.013		225 Aroclor 1254-1
9.085	545575008	7421534	0.014		226 Aroclor 1254-2
9.893	421863159	5731446	0.014		227 Aroclor 1254-3
10.713	568572683	7655673	0.013		228 Aroclor 1254-4
11.818	737445473	7943158	0.011		229 Aroclor 1254-5
1.012	634854098	9412337	0.015	6.86	M 202 Aroclor 1221-Total
4.328	155638361	2352479	0.015		203 Aroclor 1221-1
4.632	102170381	1591629	0.016		204 Aroclor 1221-2
4.757	377045356	5468229	0.015		205 Aroclor 1221-3
3.037	120005231	2011169	0.017	1.29	
3.733	38796870	610497	0.016	0.41	
3.954	20593706	396246	0.019	0.22	
4.023	37955451	582527	0.015	0.41	
5.523	44974808	666603	0.015	0.48	
5.612	17585205	283546	0.016	0.19	
5.670	19341105	265996	0.014	0.20	
5.842	50682828	737460	0.015	0.54	
5.933	14409284	214020	0.015	0.15	
6.039	21851331	299340	0.014	0.23	
6.315	20107276	254406	0.013	0.21	
6.502	90049795	1167556	0.013	0.97	
6.792	40215471	477630	0.012	0.43	
7.023	29371604	426233	0.015	0.31	
7.212	362300553	3971593	0.011	3.92	
7.787	190284595	2458951	0.013	2.05	
8.001	79242280	1101117	0.014	0.85	
8.125	12666995	172729	0.014	0.13	
8.380	16799050	222056	0.013	0.18	
8.463	85385123	1101840	0.013	0.92	
8.744	129605326	2094666	0.016	1.40	
8.950	120580622	1721350	0.014	1.30	

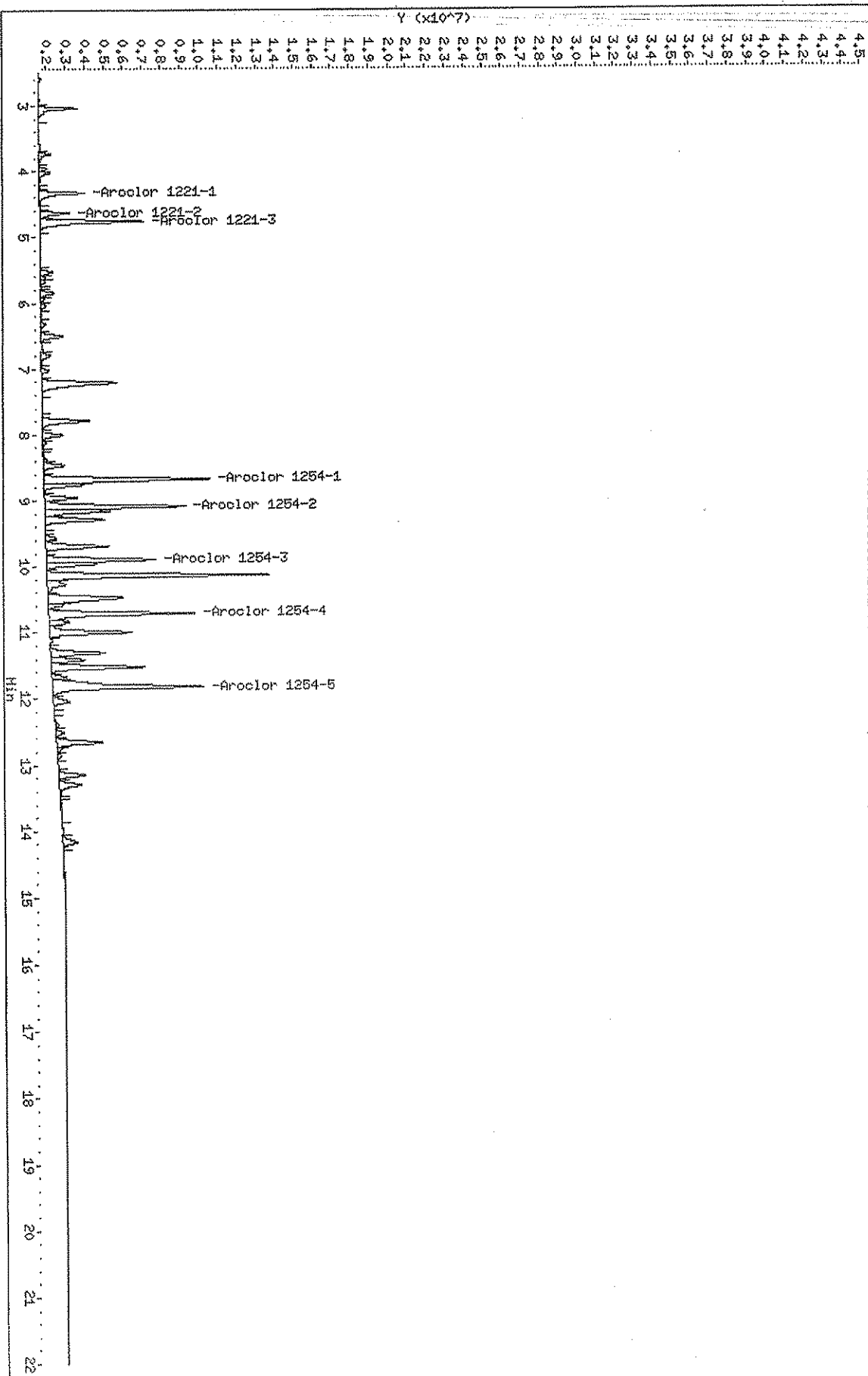
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
9.154	228006212	3465178	0.015	2.46	
9.286	243148434	3122298	0.013	2.63	
9.563	39645253	575768	0.015	0.42	
9.691	251391401	3301620	0.013	2.72	
9.959	159651907	2622390	0.016	1.72	
10.134	828685648	11692155	0.014	8.96	
10.270	105299342	960361	0.009	1.13	
10.470	383388828	3930405	0.010	4.14	
10.573	46438816	778568	0.017	0.50	
10.840	81345622	1070259	0.013	0.88	
10.996	330297450	4326836	0.013	3.57	
11.305	210170847	2884752	0.014	2.27	
11.411	125152432	1772351	0.014	1.35	
11.518	355403866	4907963	0.014	3.84	
11.671	50059961	743886	0.015	0.54	
12.040	77251193	862923	0.011	0.83	
12.379	15850690	170422	0.011	0.17	
12.499	31007809	428730	0.014	0.33	
12.648	191465103	2446373	0.013	2.07	
12.742	18907880	288619	0.015	0.20	
12.845	16473603	231530	0.014	0.17	
13.143	106433340	1415536	0.013	1.15	
13.291	108127075	1130941	0.010	1.17	
13.823	15208891	42182	0.003	0.16	
14.158	75189078	781625	0.010	0.81	
	9241193249	122109146		100.000	

Total unknown % area = 60.98

Data File: \\Terastation\share\GCdata\GC66B.I\040710.B\0407-015.D
Date: 08-APR-2010 03:36
Client ID:
Sample Info: 1221-54_300 10GCSW0067 ICAL11:4:4:4:4
Column Phase: DB-1701

Instrument: GC66B.i
Operator: VM
Column diameter: 0.53

\\Terastation\share\GCdata\GC66B.I\040710.B\0407-015.D



Chromatography Summary
Method 8082 Target Analyte Results

Injection Date: 4/8/2010 4:01 Operator: VN
 DataFile: GC66B.N040710.B\0407-016.D Vial Num: 13
 Instrument ID: GC66B

Sample : **1232-62_300 10GCSV0068 ICAL4**

Method File: GC66B.N040710.B\8082.M
 Start Cal Date: End Cal Date:

Matrix: NONE SubList: 3-1232-1262CAL.SSpikeList:
 Samp. Info: 1232-62_300 10GCSV0068 ICAL4;1;;4;;;
 Misc. Info: 3;3-1232-1262CAL.SUB;;

Dilution Factor	Extract Volume	Sample Volume	Sample Weight
IX	0 mL	0 mL	0 g

Column1 DB-1701 30mX320umX1000um

Compound Name	RT	Response	Spike Level	Flag	Response Factor
Aroclor 1232-Totals	1.00	855180537	300		2850601.79
Aroclor 1262-Totals	1.00	2854831698	300		9516105.66

Notes: M = Manually Integrated
 D = Operator Disabled Result
 O = Over Calibration Range

TestAmerica West Sacramento

8082, TO-4, TO-4A, TO-10, and TO-10A

Data file : \\Terastation\share\GCdata\GC66B.I\040710.B\0407-016.D
 Lab Smp Id: 1232-62_300_10GCSV0
 Inj Date : 08-APR-2010 04:01
 Operator : VN
 Smp Info : 1232-62_300_10GCSV0068 ICAL4;1;;4;;; Inst ID: GC66B.i
 Misc Info : 3;3-1232-1262CAL.SUB;;;
 Comment : PCBs by GC-ECD
 Method : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.m
 Meth Date : 08-Apr-2010 04:23 tap Quant Type: AREA%
 Cal Date : 18-MAR-2010 18:05 Cal File: 0318-005.D
 Als bottle: 13 Calibration Sample, Level: 4
 Dil Factor: 1.00000
 Integrator: HP Genie Compound Sublist: 3-1232-1262CAL.SU
 Target Version: 4.14
 Processing Host: SACP307P

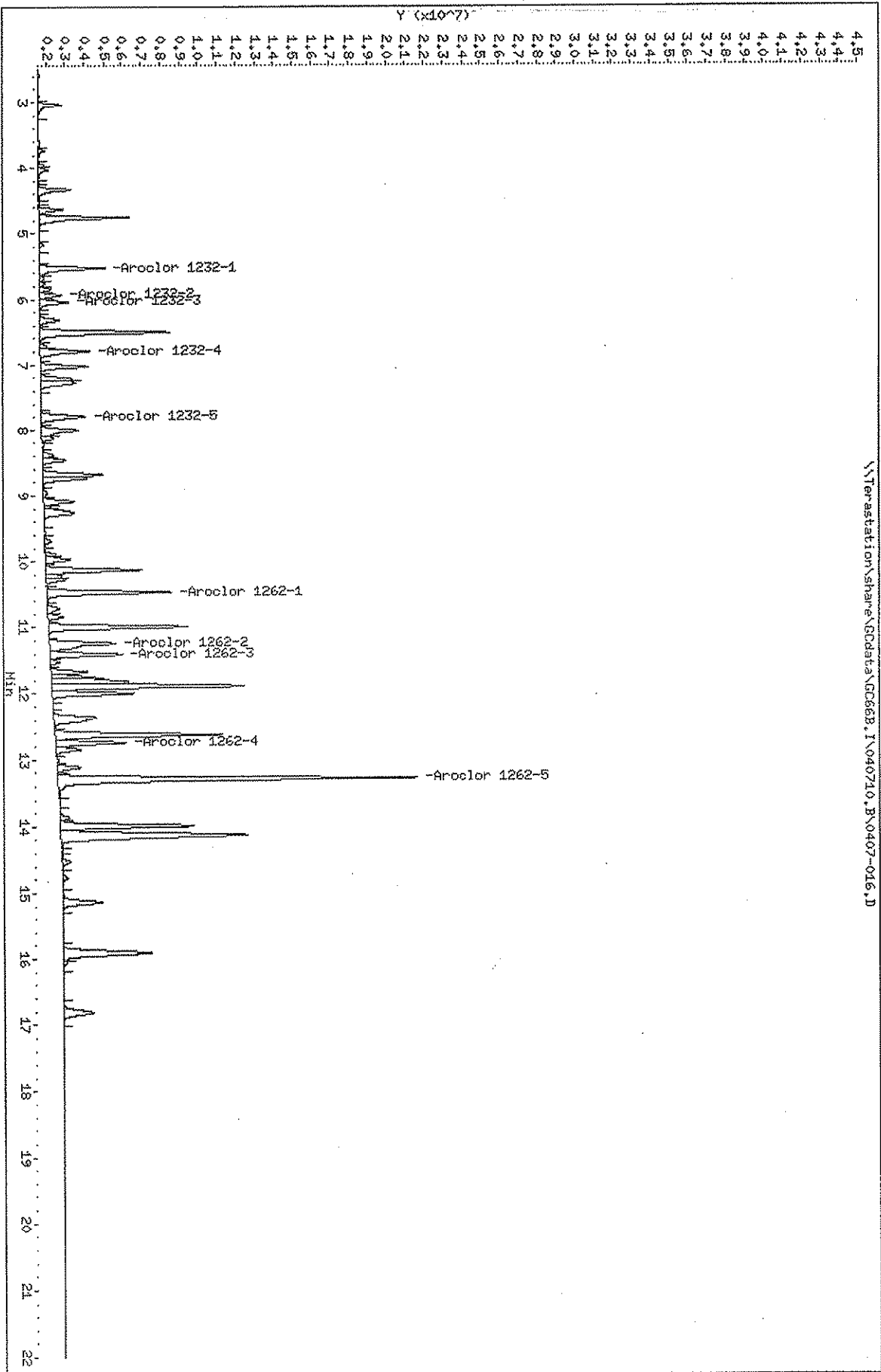
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
1.000	855180537	11016879	0.013	6.45	M 206 Aroclor 1232-Totals
5.523	254186180	3456492	0.014		207 Aroclor 1232-1
5.933	78749042	1133066	0.014		208 Aroclor 1232-2
6.041	108245418	1503162	0.014		209 Aroclor 1232-3
6.792	207494587	2612359	0.013		210 Aroclor 1232-4
7.789	206505310	2311800	0.011		211 Aroclor 1232-5
1.000	2854831698	36769869	0.013	21.80	M 230 Aroclor 1262-Totals
10.466	484886507	6578827	0.014		231 Aroclor 1262-1
11.242	342602268	3535844	0.010		232 Aroclor 1262-2
11.408	279351364	3836846	0.014		233 Aroclor 1262-3
12.743	272860874	3736555	0.014		234 Aroclor 1262-4
13.285	1475130685	19081797	0.013		235 Aroclor 1262-5
3.036	74060066	1214533	0.016	0.55	
3.732	23439629	370447	0.016	0.17	
3.953	15586338	300966	0.019	0.11	
4.023	34155141	518674	0.015	0.25	
4.328	114153632	1712813	0.015	0.86	
4.631	83577344	1301464	0.016	0.63	
4.755	335052364	4781882	0.014	2.52	
5.165	18566500	274049	0.015	0.14	
5.680	17844056	245470	0.014	0.13	
5.756	20697946	330368	0.016	0.15	
5.840	39980388	617271	0.015	0.30	
6.310	82437267	1032026	0.013	0.62	
6.503	515733228	6806897	0.013	3.88	
6.715	20807810	365725	0.018	0.15	
7.022	169919444	2486144	0.015	1.28	
7.217	110391529	1720793	0.016	0.83	
7.272	173392792	1804279	0.010	1.30	
8.001	164421230	1938734	0.012	1.24	
8.120	46768596	641058	0.014	0.35	
8.381	44272605	615411	0.014	0.33	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
8.458	91181199	1271767	0.014	0.68	
8.681	239067948	3102219	0.013	1.80	
8.736	148756206	2318039	0.016	1.12	
8.950	19150536	206046	0.011	0.14	
9.085	120687586	1633826	0.014	0.91	
9.151	17287675	410465	0.024	0.13	
9.266	181275297	1627299	0.009	1.36	
9.690	29677988	381398	0.013	0.22	
9.892	35798854	567613	0.016	0.27	
9.969	102048977	1345480	0.013	0.76	
10.126	365922662	5106000	0.014	2.75	
10.218	47271814	873774	0.018	0.35	
10.272	74180867	1040009	0.014	0.55	
10.710	56950883	635948	0.011	0.42	
10.837	60150686	864211	0.014	0.45	
10.991	539768253	7395841	0.014	4.07	
11.518	33561761	506105	0.015	0.25	
11.671	134343961	1948779	0.015	1.01	
11.756	121359396	2273461	0.019	0.91	
11.819	273513436	4103360	0.015	2.06	
11.886	797813729	10223966	0.013	6.01	
11.997	313734735	4333391	0.014	2.36	
12.361	245616486	2218158	0.009	1.85	
12.622	644946858	8827818	0.014	4.86	
12.846	95316720	1327954	0.014	0.71	
13.114	95443212	1223899	0.013	0.71	
13.866	40786013	500629	0.012	0.30	
13.986	547388399	7035830	0.013	4.12	
14.123	1021190921	9860052	0.010	7.70	
14.527	36330809	460223	0.013	0.27	
14.766	25397982	294400	0.012	0.19	
15.135	197858355	2080678	0.011	1.49	
15.906	489113914	4697415	0.010	3.68	
16.037	23932358	262168	0.011	0.18	
16.809	176290720	1548421	0.009	1.32	
=====	=====	=====	=====	=====	=====
	13258387337	169372394		100.000	

Total unknown % area = 71.75

Data File: \\Terastation\share\GCdata\GC66B.I\040710.P\0407-016.D
 Date: 08-09-2010 04:01
 Client ID:
 Sample Info: 1232-62-300 100CS\0068 ICAL41444444
 Column phase: DB-1701

Instrument: GC66B.1
 Operator: MN
 Column diameter: 0.53



Chromatography Summary
Method 8082 Target Analyte Results

Injection Date: 4/8/2010 4:26 Operator: VN
Data File: GC66B.I040710.B\0407-017.D Vial Num: 14
Instrument ID: GC66B

Sample: 1242-68_300 10GCSV0069 ICAL

Method File: GC66B.I040710.B\8082.M
Start Cal Date: End Cal Date:

Matrix: NONE SubList: 4-1242-1268CAL.SSpikeList:
Samp. Info: 1242-68_300 10GCSV0069 ICAL;1;;4;;;
Misc. Info: 3;4-1242-1268CAL.SUB;;;

Dilution Factor	Extract Volume	Sample Volume	Sample Weight
3X	0 mL	0 mL	0 g

Column1 DB-1701 30mX320umX1000nm

Compound Name	RT	Response	Spike Level	Flag	Response Factor
Aroclor 1242-Totals	1.00	1502000234	300		5006667.447
Aroclor 1268-Totals	1.00	3001089171	300		10003630.57

Notes: M = Manually Integrated
D = Operator Disabled Result
O = Over Calibration Range

TestAmerica West Sacramento

8082, TO-4, TO-4A, TO-10, and TO-10A

Data file : \\Terastation\share\GCdata\GC66B.I\040710.B\0407-017.D
 Lab Smp Id: 1242-68_300_10GCSV0
 Inj Date : 08-APR-2010 04:26
 Operator : VN Inst ID: GC66B.i
 Smp Info : 1242-68_300_10GCSV0069 ICAL;1;;4;;;;
 Misc Info : 3;4-1242-1268CAL.SUB;;;;
 Comment : PCBs by GC-ECD
 Method : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.m
 Meth Date : 08-Apr-2010 04:48 tap Quant Type: AREA%
 Cal Date : 18-MAR-2010 18:05 Cal File: 0318-005.D
 Als bottle: 14 Calibration Sample, Level: 4
 Dil Factor: 1.00000
 Integrator: HP Genie Compound Sublist: 4-1242-1268CAL.SU
 Target Version: 4.14
 Processing Host: SACP307P

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
1.000	1502000234	18965261	0.013	8.23	M 212 Aroclor 1242-Totals
5.522	427146601	5898145	0.014		213 Aroclor 1242-1
5.934	133610534	1949569	0.015		214 Aroclor 1242-2
6.040	185853166	2462450	0.013		215 Aroclor 1242-3
6.791	358306405	4316329	0.012		216 Aroclor 1242-4
7.789	397083528	4338768	0.011		217 Aroclor 1242-5
1.000	3001089171	35478801	0.012	16.45	M 236 Aroclor 1268-Totals
11.887	323987115	4171267	0.013		237 Aroclor 1268-1
12.413	398038377	5339434	0.013		238 Aroclor 1268-2
14.528	1366619338	16381121	0.012		239 Aroclor 1268-3
14.766	334493894	3813867	0.011		240 Aroclor 1268-4
15.903	577950447	5773112	0.010		241 Aroclor 1268-5
4.021	22660474	325966	0.014	0.12	
4.328	44941059	647068	0.014	0.24	
4.630	47722783	740124	0.016	0.26	
4.754	236170299	3298039	0.014	1.29	
5.164	31358399	441532	0.014	0.17	
5.690	15737459	254694	0.016	0.08	
5.755	35414972	518349	0.015	0.19	
5.840	27518019	416628	0.015	0.15	
6.312	135011875	1644952	0.012	0.74	
6.502	916979126	11808939	0.013	5.02	
6.716	38955148	673877	0.017	0.21	
7.023	302087696	4255774	0.014	1.65	
7.218	199964077	3252911	0.016	1.09	
7.263	346541420	3463646	0.010	1.90	
8.002	330195333	3866826	0.012	1.81	
8.120	77309445	1081794	0.014	0.42	
8.219	16934321	250883	0.015	0.09	
8.379	86289153	1149288	0.013	0.47	
8.460	185867601	2523522	0.014	1.01	
8.684	320769440	4683501	0.015	1.75	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
8.737	320364433	4563029	0.014	1.75	
8.955	13873404	241176	0.017	0.07	
9.004	15702138	238871	0.015	0.08	
9.086	66488101	934110	0.014	0.36	
9.156	43666894	757530	0.017	0.23	
9.267	358582489	3129753	0.009	1.96	
9.692	57801967	711599	0.012	0.31	
9.896	63504390	935409	0.015	0.34	
9.957	43528918	669567	0.015	0.23	
10.135	105909968	1518637	0.014	0.58	
10.504	73498499	705425	0.010	0.40	
10.713	81742803	1080172	0.013	0.44	
10.992	21238518	204019	0.010	0.11	
11.242	21619857	295727	0.014	0.11	
11.521	71295324	1022085	0.014	0.39	
11.997	20307556	272304	0.013	0.11	
12.603	130964338	1669645	0.013	0.71	
13.288	251497567	2515974	0.010	1.37	
13.666	12222787	35142	0.003	0.06	
13.866	26412238	335949	0.013	0.14	
13.986	1690739018	21774816	0.013	9.27	
14.115	1642217318	20772073	0.013	9.00	
15.137	27231745	296712	0.011	0.14	
16.809	4336319965	39054462	0.009	24.01	
17.356	820426499	6760545	0.008	4.49	
	18238674245	210237106		100.000	

Total unknown % area = 75.32

Data File: \\Terastation\share\GCdata\GC66B.I\040710.B\0407-017.D

Date: 08-APR-2010 04:26

Client ID:

Sample Info: 1242-68-300 100CSW069 ICAL11144444

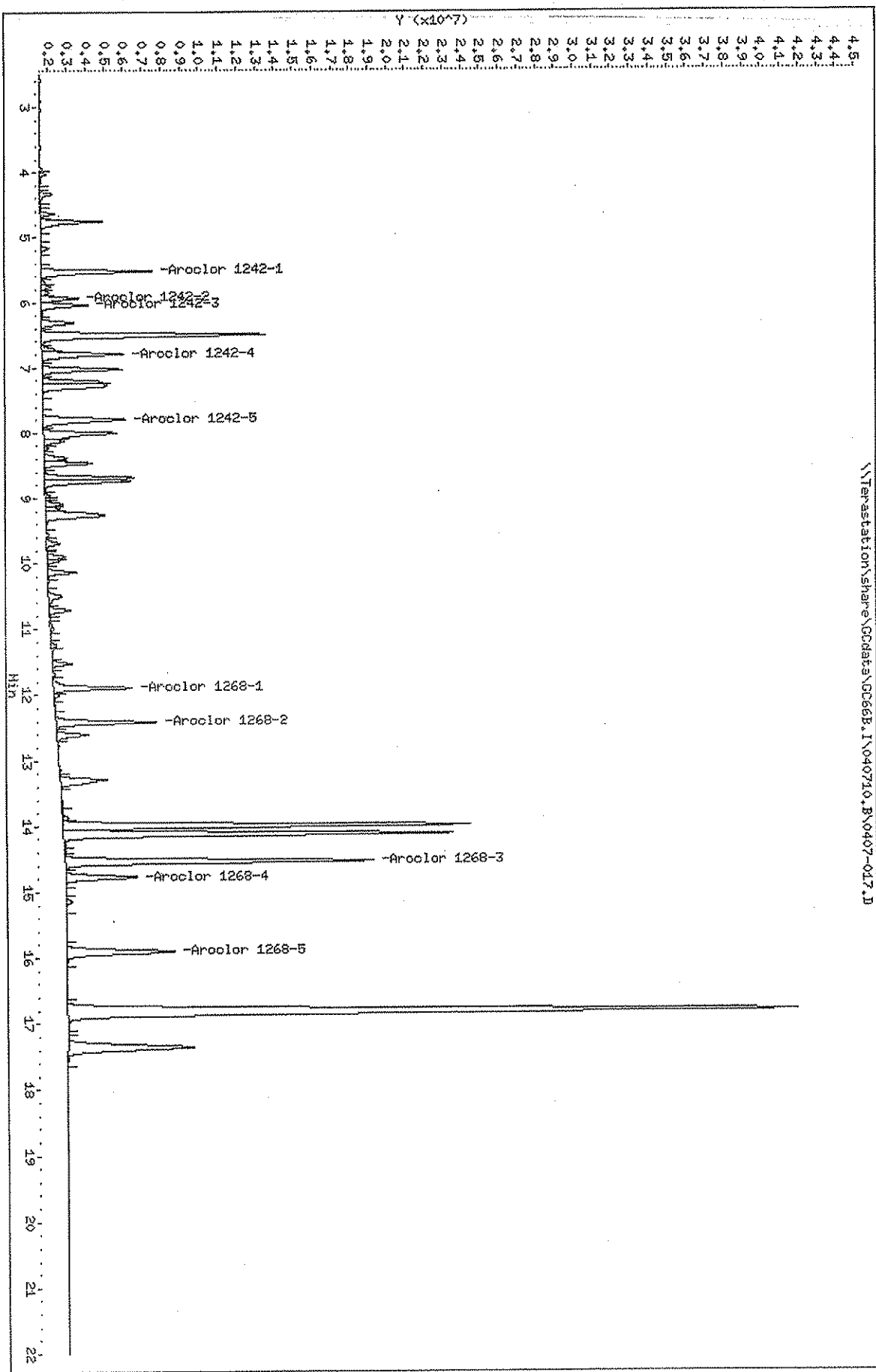
Column phase: DB-1701

Instrument: GC66B.1

Operator: VN

Column diameter: 0.53

\\Terastation\share\GCdata\GC66B.I\040710.B\0407-017.D



Chromatography Summary
Method 8082 Target Analyte Results

Injection Date: 4/8/2010 4:51 Operator: VN
Data File: GC66B.I\040710.B\0407-018.D Vial Num: 15
Instrument ID: GC66B

Sample: 1248_300 10GCSV0070 ICAL

Method File: GC66B.I\040710.B\8082.M
Start Cal Date: End Cal Date:

Matrix: NONE SubList: 5-1248CAL.SUB SpikeList:
Samp. Info: 1248_300 10GCSV0070 ICAL;1;4;;;
Misc. Info: 3;5-1248CAL.SUB;;;

Dilution Factor	Extract Volume	Sample Volume	Sample Weight
1X	0 mL	0 mL	0 g

Column1 DB-1701 30mX320umX1000nm

Compound Name	RT	Response	Spike Level	Flag	Response Factor
Aroclor 1248-Totals	1.00	2048086308	300		6826954.36

Notes: M = Manually Integrated
D = Operator Disabled Result
O = Over Calibration Range

TestAmerica West Sacramento

8082, TO-4, TO-4A, TO-10, and TO-10A

Data file : \\Terastation\share\GCdata\GC66B.I\040710.B\0407-018.D
 Lab Smp Id: 1248 300 10GCSV0070
 Inj Date : 08-APR-2010 04:51
 Operator : VN Inst ID: GC66B.i
 Smp Info : 1248 300 10GCSV0070 ICAL;1;;4;::;
 Misc Info : 3;5-1248CAL.SUB;::;
 Comment : PCBs by GC-ECD
 Method : \\Terastation\share\GCdata\GC66B.I\040710.B\8082.m
 Meth Date : 08-Apr-2010 05:14 tap Quant Type: AREA%
 Cal Date : 18-MAR-2010 18:05 Cal File: 0318-005.D
 Als bottle: 15 Calibration Sample, Level: 4
 Dil Factor: 1.00000
 Integrator: HP Genie Compound Sublist: 5-1248CAL.SUB
 Target Version: 4.14
 Processing Host: SACP307P

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
1.000	2048086308	24748312	0.012	28.05	M 218 Aroclor 1248-Totals
7.214	348067499	5594180	0.016		219 Aroclor 1248-1
8.000	541433200	6224092	0.011		220 Aroclor 1248-2
8.459	299052593	3867054	0.013		221 Aroclor 1248-3
9.270	585484351	5325713	0.009		222 Aroclor 1248-4
10.134	274048665	3737273	0.014		223 Aroclor 1248-5
4.755	32731966	424113	0.013	0.44	
5.522	209503214	2987248	0.014	2.85	
5.756	10626106	155455	0.015	0.14	
5.934	67260398	1006723	0.015	0.91	
6.041	68887116	973231	0.014	0.93	
6.306	41286317	527411	0.013	0.56	
6.500	575394416	7461765	0.013	7.83	
6.716	53128310	859861	0.016	0.72	
6.789	176568674	2300905	0.013	2.40	
7.023	199853177	2832820	0.014	2.72	
7.252	507658761	5384569	0.011	6.91	
7.788	608394362	6866925	0.011	8.28	
8.219	13052491	191631	0.015	0.17	
8.380	124869829	1707625	0.014	1.69	
8.685	655595914	9022111	0.014	8.92	
8.738	478681084	7379770	0.015	6.51	
8.949	42498506	548165	0.013	0.57	
9.086	175642577	2302842	0.013	2.39	
9.156	112210462	1861703	0.017	1.52	
9.562	21901422	322071	0.015	0.29	
9.690	141040743	1758056	0.012	1.92	
9.893	158946668	2333964	0.015	2.16	
9.955	108561119	1686075	0.016	1.47	
10.505	158655536	1532781	0.010	2.15	
10.711	190685160	2644105	0.014	2.59	
10.932	16296451	252743	0.016	0.22	
10.992	22920224	316392	0.014	0.31	
11.306	19768998	256175	0.013	0.26	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
11.410	10179031	148014	0.015	0.13	
11.520	174933355	2509351	0.014	2.38	
11.817	53026762	573871	0.011	0.72	
12.648	14966182	194812	0.013	0.20	
13.144	10042690	112182	0.011	0.13	
13.292	13481123	128532	0.010	0.18	
13.985	17066137	52448	0.003	0.23	
14.160	11223309	73942	0.007	0.15	
	7345624899	94438699		100.000	

Total unknown % area = 71.95

Data File: \\Terastation\share\GCdata\GC66B.I\040710.B\0407-018.D

Date: 08-APR-2010 04:51

Client ID:

Sample Info: 1248_300 10GCSW0070 ICAL:11747777

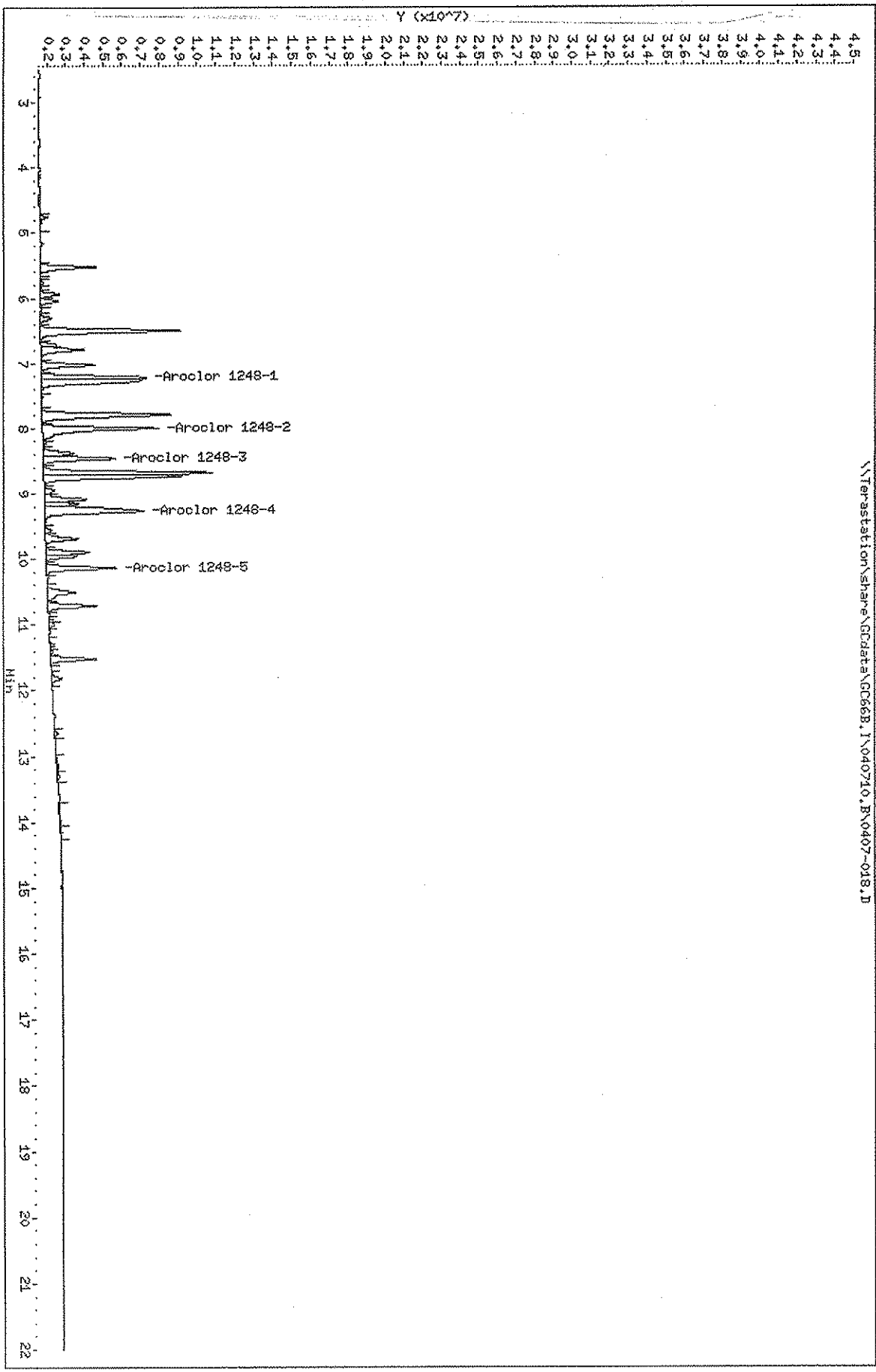
Column phaset: DB-1701

Instrument: GC66B.1

Operator: VN

Column diameter: 0.53

\\Terastation\share\GCdata\GC66B.I\040710.B\0407-018.D



Sample Extraction/Preparation Log
Copies

TestAmerica West Sacramento
GC/HPLC Data Review Checklist

Batch: 0118268

Method ID: PCBs (8082)

AQ

DRA

NCM: (Y) N

G0D280454

A. Calibration/Instrument Run QC	Analyst	Reviewer	N/A
1. ICAL or ICAL Summary and CCV included.	✓	✓	
2. ICAL, CCV criteria met.	✓	✓	
3. Multiple-eluters (TPH-D, 8081A, 8082) ICAL/CCVs appropriate and within criteria	✓	✓	
4. CCVs every 10 samples/12 hours, all samples bracketed front and back.	✓	✓	
5. PEM frequency and criteria met.			✓
6. Peaks correctly ID'd by data system.	✓	✓	
7. Method Number is identified on data.	✓	✓	
B. QA/QC			
1. Method blank, LCS/LCSD and MS/SD frequencies met.	✓	✓	
2. LCS/LCSD and MB data is included.	✓	✓	
3. LCS/LCSD and MB data are within control limits. If not, NCM is present in Clouseau.	✓	✓	
4. MS/MSD data complete.			✓
5. Holding Times were met.	✓	✓	
C. Sample Analysis			
1. Logbook copies for all injections made, including ICV standards and ICAL.	✓	✓	
2. Logbooks/prep sheets properly filled out.	✓	✓	
3. Manual Integrations reviewed and appropriate.			✓
4. All raw data for samples is included (applies to unused data as well)	✓	✓	
5. All analytes correctly reported.	✓	✓	
6. Correct reporting limits used. (based on client request, prep factors, and dilutions)	✓	✓	
D. Documentation			
1. Are all nonconformances documented appropriately?	✓	✓	
2. Quantims entry correct, including dates and times.	✓	✓	
3. Appropriate footnotes used.	✓	✓	
4. Report sheets included and error-free.	✓	✓	

Analyst: V. Nichol

Date: 4/28/10

2nd Level Reviewer: K. Russell

Date: 4-29-10

Comments: _____

RUSH

TestAmerica West Sacramento
Organic Prep Log
8082 AQ

Box # _____
Shared QC Batch: NA

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Internal COC:	
Delivered to Inst.:	
Inst Receipt:	

Batch: 0118268

MS Run #:

Prep Date: 4/28/2010

Method: QH 8082

Matrix: I WATER

Extraction: 60 LIQ/LIQ, SEP FUNNEL w/ACID STRIP (PCB) - Nominal

QC: 01 STANDARD TEST SET

SAC: QH - I - 60 - 01

Shares QC With: NA
AVM
4/28/10

WS-OP-0002

Prep Reagents		
Reagent	Supplier	Lot #
DCM	Baker	H46507
Na2SO4	Baker	3640-390
Hexane	Baker	H33604
Florisil	Baker	H38N30
H2SO4	Mallinckrodt	H46F04
Hg	Mallinckrodt	H45N10
90:10 Ace:Hex	NA	030210A/M

Extraction Table									
Sample ID	Suff	Work Order	Extraction Hold Time Expires	Sample size * 1000mL nom.	pH		Final Volume		Analysis Hold Time Expires
					pH 7	Other	10mL	Other	
G0D280000 - 268	B	L0M3C1AA	5/4/2010	1000.00	/	N/A	/		6/7/2010
G0D280000 - 268	C	L0M3C1AC	5/4/2010	1000.00	/	N/A	/		6/7/2010
G0D280454 - 1		L0MR11AA	5/4/2010	1032.60	/	N/A	/		6/7/2010

* See attached sheet for sample volumes recorded from scale

Comments/NCMs: Weight sheet 100428C

	ID	Spike Exp Date:	Spiked By:	Witnessed By:	Date:
Surrogate Spike All Samples	<u>1.0 mL 100p0047</u>	<u>9/22/10</u>	<u>JS</u>	<u>AVM</u>	<u>4/28/10</u>
Spike Mix LCS/LCSD/MS/MS	<u>1.0 mL 100p0061</u>	<u>5/31/10</u>	<u>JS</u>	<u>AVM</u>	<u>4/28/10</u>
Additional Spike or Surrogate					
Extraction Analyst/Date	<u>JS 4/28/10</u>				
Concentration Analyst/Date	<u>WS/JS 4/28/10</u>				
Clean up Analyst/Date	<u>JS 4/28/10</u>				
		Florisil <u>WS 4/28/10</u>	Hg <u>JS 4/28/10</u>	H2SO4 <u>JS 4/28/10</u>	
				KD Analyst/Date <u>WS/JS 4/28/10</u>	
				KD Temp <u>870</u>	
				Review Analyst/Date <u>JS 4-28-10</u>	

RQC058

TestAmerica Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 4/28/10
Time: 12:29:25

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

Expanded Deliverable
COC Completed
Bench Sheet Copied
Package Submitted to Analytical Group
Bench Sheet Copied per COC

Extractionist: _____
Concentrationist: _____

* QC BATCH: 0118268 *

PREP DATE: 4/28/10 11:30
COMP DATE: 4/28/10 15:00

Reviewer/Date: _____ / 0/00/00

PCBs (8082)
LIQ/LIQ, SEP FUNNEL, w/ACID STRIP (PCB) - Nominal

EXTR EXPR	ANL DUJ	LOT#,MSRPN#/ WORK ORDER	TEST FLGS	EXT MTH	MATRIX	INIT/FIN WT/VOL	INIT ADJT	PH'S ADJ1	ADJ2	EXTRACTION VOL	EXCHANGE VOL	SOLVENTS	SPIKE STANDARD/ SURROGATE ID	
5/04/10	5/17/10	G0D280454-001		R	60 QH	WATER	1032.60mL	NA	NA	DCM	180.0	HEXANE	50.0	100P0047-1.0ML
COMMENTS: GOD280454-001														
5/04/10	0/00/00	G0D280000-268			60 QH	WATER	1000.00mL	NA	NA	DCM	180.0	HEXANE	50.0	100P0047-1.0ML
COMMENTS: GOD280000-268														
5/04/10	0/00/00	G0D280000-268			60 QH	WATER	1000.00mL	NA	NA	DCM	180.0	HEXANE	50.0	100P0047-1.0ML
COMMENTS: GOD280000-268														

Pat checked & submitted 4/28/10

R = RUSH
E = EPA 600
M = CLIENT REQ MS/MSD

C = CLP
D = EXP.DEL)

NUMBER OF WORK ORDERS IN BATCH: 3

R0C058

TestAmerica Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 4/28/10
Time: 17:06:41

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

Expanded Deliverable
 -- COC Completed
 -- Bench Sheet Copied
 -- Package Submitted to Analytical Group
 -- Bench Sheet Copied per COC

Extractionist: 004928 Jason Baynes
 Concentrationist: 004928 Jason Baynes

 * QC BATCH: 0118268 *

PREP DATE: 4/28/10 11:30
 COMP DATE: 4/28/10 15:00

Reviewer/Date: SADLERW / 4/28/10

PCBS (8082)
 LIQ/LIQ, SEP FUNNEL, w/ACID STRIP (PCB) - Nominal

EXTR	ANL	LOT#	MSRPN#	TEST	EXT	MTH	MATRIX	INIT/FIN	PH'S	ADJ1	ADJ2	EXTRACTION	SOLVENTS	VOL	EXCHANGE	VOL	SPIKE STANDARD/ SURROGATE ID
EXPR	DVE	WORK	ORDER	FIGS				WT/VOL	INIT			VOL					
COMMENTS: 5/04/10 4/29/10 GODD280454-001 R 60 QH WATER 1032.60mL 7.0 NA NA DCM 180.0 HEXANE 50.0 100P0047-1.0ML																	
COMMENTS: 5/04/10 0/00/00 GODD280000-268 60 QH WATER 1000.00mL 7.0 NA NA DCM 180.0 HEXANE 50.0 100P0047-1.0ML																	
COMMENTS: 5/04/10 0/00/00 LOM3C-1-AAB 60 QH WATER 1000.00mL 7.0 NA NA DCM 180.0 HEXANE 50.0 100P0047-1.0ML																	
COMMENTS: 5/04/10 0/00/00 LOM3C-1-ACC 60 QH WATER 1000.00mL 7.0 NA NA DCM 180.0 HEXANE 50.0 100P0047-1.0ML																	

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

NUMBER OF WORK ORDERS IN BATCH: 3

TestAmerica

West Sacramento

Weight Difference Worksheet

Batch Id: 100428C

ANALYST: JBAYNES

Created Date: 4/28/10 10:57:14 AM

TEST: 8082 AQ

Test Date: 4/28/10

BALANCE ID: QA-036

QuantIMS Batch: 0118268

Group Comments:

Sample ID:	Initial Weight (g)	Weight after rinse (g)	Weight Diff (g)	Comments:
G0D280454-1	1534.70	502.10	1032.60	

Preparation Data Review Checklist

AVM 4/28/10

Prep Batch(es) 0118268

Test: ~~8081-aa~~ 8082-aa

Prep Date: 4/28/10

Holding Times: 5/4/10 NCM: Y (N)

A. Spike Witness/Batch setup	Spike Witness	Reviewer
1. Holding times checked? NCMs filed as appropriate	✓	✓
2. QAS checked for QC instructions (LCS, LCSD, MS, MSD, etc)	✓	✓
3. Amount of samples in hood match amount of samples on bench sheet. Sample IDS match.	✓	NA
4. Worksheets have been checked for required spiking compounds	✓	✓
5. Spiking volumes are correctly documented	✓	✓
6. Std ID numbers on spike labels match numbers on bench sheet	✓	NA
7. Expiration dates have been checked	✓	✓
8. Calibration expiration dates on pipettors have been checked	✓	NA
9. Spiker and spike witness have signed and dated bench sheet	✓	✓
B. Weights and Volumes		
1. Recorded weights are in anticipated range	NA	✓
2. Balance upload or raw data for weights is included	NA	✓
3. Weights and volumes have been transcribed correctly to LIMS.	NA	✓
4. Weights are not targeted to meet exact weights.	NA	✓
5. Each weight or volume measurement is a unique record (no dittos or line downs)	NA	✓
C. Standards and Reagents		
1. Lot numbers for all reagents, including clean up stages, are recorded.	NA	✓
2. Are dates and analysts for cleanups recorded?	NA	✓
3. Are correct IDs used for standards? Are expiration dates to day/month/year, when listed?	NA	✓
D. Documentation		
1. Are all nonconformances documented appropriately?	NA	✓
2. QuantIMs entry correct, including dates and times.	NA	✓
3. Are all fields completed?	NA	✓

Spike witness: AVM

Date: 4/28/10

2nd Level Reviewer: [Signature]

Date: 4-28-10

Comments:

SOLID, D 2216-90, Percent Moisture

% Moisture/Solid Worksheet

QCBATCH: 0118257

Analyzed by: FRANCISF

Report created: 4/29/10 10:14:20 AM

Lot ID	WorkOrder	Pan Tare	Sample Wet Wt	Sample Dry Wt	Wt Diff (Water)	Percent Water	Percent Solid	Reporting Limit	Foot Note	Date Time
G0D240424-22	LOGXM1AA	1.31	8.21	6.09	2.12	30.72	69.28	0.1		4/29/10 10:08:11 AM
G0D240424-22	LOGXM1AF	1.31	8.24	5.48	2.76	39.83	60.17	0.1		4/29/10 10:09:46 AM
G0D240424-23	LOGXN1AA	1.31	11.07	8.58	2.49	25.51	74.49	0.1		4/29/10 10:09:59 AM
G0D240424-24	LOGXP1AA	1.31	8.07	7.01	1.06	15.68	84.32	0.1		4/29/10 10:02:33 AM
G0D240486-1	LOHDM1AA	1.31	10.31	2.80	7.51	83.44	16.56	0.1		4/29/10 10:10:45 AM
G0D240491-1	LOHD01AA	1.31	8.88	5.41	3.47	45.84	54.16	0.1		4/29/10 10:11:01 AM
G0D240491-2	LOHD11AA	1.31	7.11	3.91	3.20	55.17	44.83	0.1		4/29/10 10:11:10 AM
G0D240491-3	LOHD21AA	1.31	7.95	5.39	2.56	38.55	61.45	0.1		4/29/10 10:11:22 AM
G0D240491-4	LOHD31AA	1.31	8.45	4.06	4.39	61.48	38.52	0.1		4/29/10 10:11:31 AM
G0D240491-5	LOHD41AA	1.31	13.21	7.07	6.14	51.60	48.40	0.1		4/29/10 10:11:56 AM
G0D240491-6	LOHD51AA	1.31	7.01	4.57	2.44	42.81	57.19	0.1		4/29/10 10:12:10 AM
G0D240491-7	LOHD61AA	1.31	8.72	3.67	5.05	68.15	31.85	0.1		4/29/10 10:12:27 AM
G0D240491-8	LOHD71AA	1.31	6.60	3.04	3.56	67.30	32.70	0.1		4/29/10 10:12:39 AM
G0D240491-9	LOHD81AA	1.31	9.01	3.85	5.16	67.01	32.99	0.1		4/29/10 10:12:50 AM
G0D240491-10	LOHD91AA	1.30	6.87	4.44	2.43	43.63	56.37	0.1		4/29/10 10:13:03 AM
G0D240491-11	LOHEA1AA	1.30	6.59	3.08	3.51	66.35	33.65	0.1		4/29/10 10:13:13 AM
G0D240491-12	LOHEC1AA	1.30	11.24	6.30	4.94	49.70	50.30	0.1		4/29/10 10:13:27 AM
G0D240491-13	LOHED1AA	1.30	6.34	4.49	1.85	36.71	63.29	0.1		4/29/10 10:13:45 AM
G0D240491-14	LOHEF1AA	1.30	8.75	4.00	4.75	63.76	36.24	0.1		4/29/10 10:13:53 AM
G0D240492-1	LOHEH1AC	1.30	4.35	4.18	0.17	5.57	94.43	0.1		4/29/10 10:14:03 AM
G0D280454-2	L0MR71AA	1.30	5.95	5.89	0.06	1.29	98.71	0.1		4/29/10 10:14:12 AM

All weights are in grams.
 Sample weights (wet & dry) include the weight (tare) of the sample pan.
 Wt. Diff. = sample wet weight (+ tare) - sample dry weight (+ tare).
 $\% \text{ Water} = (\text{Wt. Diff.} / (\text{sample wet weight} - \text{pan tare})) * 100$
 $\% \text{ Solid} = 100 - \text{percent Water}$