DATA PACKAGE FOR

GC SEMI-VOLATILES

PROJECT NAME : CONNECTICUT SUPERFUND SITE

DEWBERRY

600 Parsippany Road
3rd Floor
Parsippany , NJ - 07054-3715
Phone No: 9737399400

CHEMTECH PROJECT N **Z4932**
ATTENTION: **Corey Nachshen**

Table of Contents for z4932(pcb data)

PESTICIDE/PCB DATA 6

PESTICIDE/PCB QC DATA 7

PESTICIDE/PCB SAMPLE DATA 14

PESTICIDE/PCB CALIBRATION DATA 50

PESTICIDE/PCB RAW QC DATA 120

PESTICIDE/PCB MISCELLANEOUSDATA 170

SHIPPING AND RECEIVING DOCUMENTATION 272

END OF ANALYTICAL RESULTS.....276

CHEMTECH

CASE NARRATIVE

Dewberry
Project Name: Connecticut Superfund Site
Project # N/A
Chemtech Project # Z4932

A. Number of Samples and Date of Receipt:
12 Solid samples were received on 10/10/08.
4 Water samples were received on 10/10/08.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Cyanide, Mercury, PCB Group1, PESTICIDE Group1, SVOCMS Group1, TAL ICP Metals, TAL Metals, and VOCMS Group1. This data package contains results for PCB Group1.

C. Analytical Techniques:
The analyses were performed on instrument GCECD 5. The front column is RTX-CLPest which is 30 meters, 0.32 mm ID, 0.5 um df, Catalog # 11139. The rear column is RTX-CLPestII which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog # 11324.
The analysis of PCB Group1. was based on method SOM01.2.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria except for SED3.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the acceptable requirements.
The RPD recoveries met criteria.
The Blank Spike met requirements for all samples.
The Blank analysis did not indicate the presence of lab contamination.

E. Additional Comments:
The Initial Calibration met the requirements except for Decachlorobiphenyl has 28.8 % RSD but the samples have no hit for this.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature__ Mildred V Reyes

Mildred V. Reyes
I am approving this document
2008.11.04 13:46:11 -05'00'

CHEMTECH
284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Cover Page

Order ID : Z4932

Project ID : Connecticut Superfund Site

Customer Name : Dewberry

Lab Sample Number	Customer Sample Number
Z4932-01	TRIPBLANK
Z4932-02	FIELDBLANK
Z4932-03	RINSATEBLANK
Z4932-04	DUP
Z4932-05	SED1
Z4932-06	Z4932-05MS
Z4932-07	Z4932-05MSD
Z4932-08	SED2
Z4932-09	SED3
Z4932-10	SED4
Z4932-11	SED5
Z4932-12	SED6
Z4932-13	SED7
Z4932-14	SED8
Z4932-15	VHBLK
Z4932-16	VHBLK

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : Mildred V Reyes

Mildred V. Reyes
I am approving this document
2008.11.04 13:46:22 -05'00'

NYDOH CERTIFICATION NO.11376

NJDEP CERTIFICATION NO.20012

CHEMTECH

284 Sheffield Street Mountainside NJ 07092
Tel. 908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.

CHEMTECH

PESTICIDE/PCB

DATA

CHEMTECH

PESTICIDE/PCB
QC
DATA

2R - FORM II ARO-2
SOIL AROCLOR SURROGATE RECOVERY

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH CASE No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

GC Column(1): RTX-CLPest ID: 0.32 (mm) GC Column(2): RTX-CLPe ID: 0.32 (mm)

	CLIENT EPA SAMPLE NO.	TCX1 % REC	#	TCX2 % REC	#	DCB1 % REC	#	DCB2 % REC	#	OTHER (1)	OTHER (2)	TOT OUT
01	PB37221BL	104		102		92		74				0
02	PB37221BS	110		106		98		77				0
03	DUP	95		93		59		53				0
04	SED1	102		96		61		51				0
05	SED2	90		86		62		54				0
06	SED3	65		65		25	*	27	*			2
07	SED4	93		86		57		54				0
08	SED5	110		118		82		67				0
09	SED6	117		131		83		66				0
10	SED7	111		102		83		67				0
11	SED8	110		102		86		68				0
12	SED1MS	65		64		34		31				0
13	SED1MSD	91		86		56		46				0

	QC LIMITS
TCMX = Tetrachloro-m-xylene	(30-150)
DCB = Decachlorobiphenyl	(30-150)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

2Q - FORM II ARO-1
WATER AROCLOR SURROGATE RECOVERY

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

GC Column(1): RTX-CLPest ID: 0.32 (mm) GC Column(2): RTX-CLPe ID: 0.32 (mm)

	EPA SAMPLE NO.	TCX 1 % REC	#	TCX 2 % REC	#	DCB 1 % REC	#	DCB 2 % REC	#	OTHER (1)	OTHER (2)	TOT OUT
01	PB37175BL	101		94		86		70				0
02	PB37175BS	93		86		84		68				0
03	FIELDBLANK	101		93		92		73				0
04	RINSATEBLANK	103		95		79		65				0

	QC LIMITS
TCX = Tetrachloro-m-xylene	(30-150)
DCB = Decachlorobiphenyl	(30-150)

Column to be used to flag recovery values
* Values outside of QC Limits
D Surrogate diluted out

3K - FORM III ARO-2

SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

Matrix Spike - EPA Sample No.: SED1MS

Instrument ID: ECD5 GC Column: RTX-CLPest ID: 0.32 (mm)

COMPOUND	SPIKE ADDED ug/Kg	SAMPLE CONCENTRATION ug/Kg	MS CONCENTRATION ug/Kg	MS % REC#	QC LIMITS REC
Aroclor-1016	166	0	73	44	(29-135)
Aroclor-1260	166	0	57	34	(29-135)

COMPOUND	SPIKE ADDED ug/Kg	MSD CONCENTRATION ug/Kg	MSD % REC #	MSD % RPD #	QC LIMITS RPD	QC LIMITS REC
Aroclor-1016	167	72	43	2	15	(29-135)
Aroclor-1260	167	61	37	8	20	(29-135)

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 2 outside limits
Spike Recovery: 0 out of 2 outside limits

COMMENTS:

3N - FORM III ARO-3
WATER AROCLOR LABORATORY CONTROL
SAMPLE RECOVERY

CLIENT SAMPLE NO.

PB37175BS

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

Lab Sample ID: PB37175BS LCS Lot No.: 12345

Date Extracted: 10/13/2008 Date Analyzed (1): 10/22/2008

Instrument ID (1): ECD5 GC Column (1): RTX-CLPest ID: 0.32 (mm)

COMPOUND	AMOUNT ADDED (ug/L)	AMOUNT RECOVERED (ug/L)	%REC #	QC LIMITS
Aroclor-1016	1.000	1.1	110	(50-150)
Aroclor-1260	1.000	1.2	120	(50-150)

Instrument ID (2): ECD5 GC Column (2): RTX-CLPest II ID: 0.32 (mm)

Date Analyzed (2): 10/22/2008

COMPOUND	AMOUNT ADDED (ug/L)	AMOUNT RECOVERED (ug/L)	%REC #	QC LIMITS
Aroclor-1016	1.000	1.2	120	(50-150)
Aroclor-1260	1.000	1.4	140	(50-150)

Column to be used to flag recovery values with an asterisk
* Values outside of QC limits

LCS Recovery: 0 out of 4 outside limits

COMMENTS:

4F - FORM IV ARO
AROCLOR METHOD BLANK SUMMARY

CLIENT SAMPLE NO.
PB37175BL

Lab Name: Chemtech Contract: Dewberry
Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932
Lab File ID: P5023038.D Lab Sample ID: PB37175BL
Matrix: (SOIL/SED/WATER) WATER Extraction: (Type) SONC Date Extracted: 10/13/2008
Sulfur Cleanup: (Y/N) N GPC Cleanup: (Y/N) N
Acid Cleanup: (Y/N) N

Date Analyzed (1): 10/22/2008 Date Analyzed (2): 10/22/2008
Time Analyzed (1): 19:34 Time Analyzed (2): 19:34
Instrument ID (1): ECD5 Instrument ID (2): ECD5
GC Column (1): RTX-CLPes ID: 0.32 (mm) GC Column (2): RTX-CLPes ID: 0.32 (mm)

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED (1)	DATE ANALYZED (2)
01	PB37175BS	PB37175BS	10/22/2008	10/22/2008
02	FIELDBLANK	Z4932-02	10/22/2008	10/22/2008
03	RINSATEBLANK	Z4932-03	10/22/2008	10/22/2008

COMMENTS:

4F - FORM IV ARO
AROCLOR METHOD BLANK SUMMARY

CLIENT SAMPLE NO.
PB37221BL

Lab Name: Chemtech Contract: Dewberry
Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932
Lab File ID: P5022967.D Lab Sample ID: PB37221BL
Matrix: (SOIL/SED/WATER) SOIL Extraction: (Type) SONC Date Extracted: 10/14/2008
Sulfur Cleanup: (Y/N) N GPC Cleanup: (Y/N) N
Acid Cleanup: (Y/N) N

Date Analyzed (1): 10/20/2008 Date Analyzed (2): 10/20/2008
Time Analyzed (1): 17:21 Time Analyzed (2): 17:21
Instrument ID (1): ECD5 Instrument ID (2): ECD5
GC Column (1): RTX-CLPes ID: 0.32 (mm) GC Column (2): RTX-CLPes ID: 0.32 (mm)

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED (1)	DATE ANALYZED (2)
04	PB37221BS	PB37221BS	10/20/2008	10/20/2008
05	DUP	Z4932-04	10/20/2008	10/20/2008
06	SED1	Z4932-05	10/20/2008	10/20/2008
07	SED2	Z4932-08	10/20/2008	10/20/2008
08	SED3	Z4932-09	10/20/2008	10/20/2008
09	SED4	Z4932-10	10/20/2008	10/20/2008
10	SED5	Z4932-11	10/20/2008	10/20/2008
11	SED6	Z4932-12	10/20/2008	10/20/2008
12	SED7	Z4932-13	10/20/2008	10/20/2008
13	SED8	Z4932-14	10/20/2008	10/20/2008
14	SED1MS	Z4932-06MS	10/20/2008	10/20/2008
15	SED1MSD	Z4932-07MSD	10/20/2008	10/20/2008

COMMENTS:

CHEMTECH

PESTICIDE/PCB SAMPLE DATA

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FIELDBLANK

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: Z4932-02

Sample wt/vol: 980 (g/mL) mL Lab File ID: P5023044.D

% Moisture: Decanted:(Y/N) N Date Received: 10/10/2008

Extraction:(Type) SEPF Date Extracted: 10/13/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/22/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

Acid Cleanup: (Y/N) N

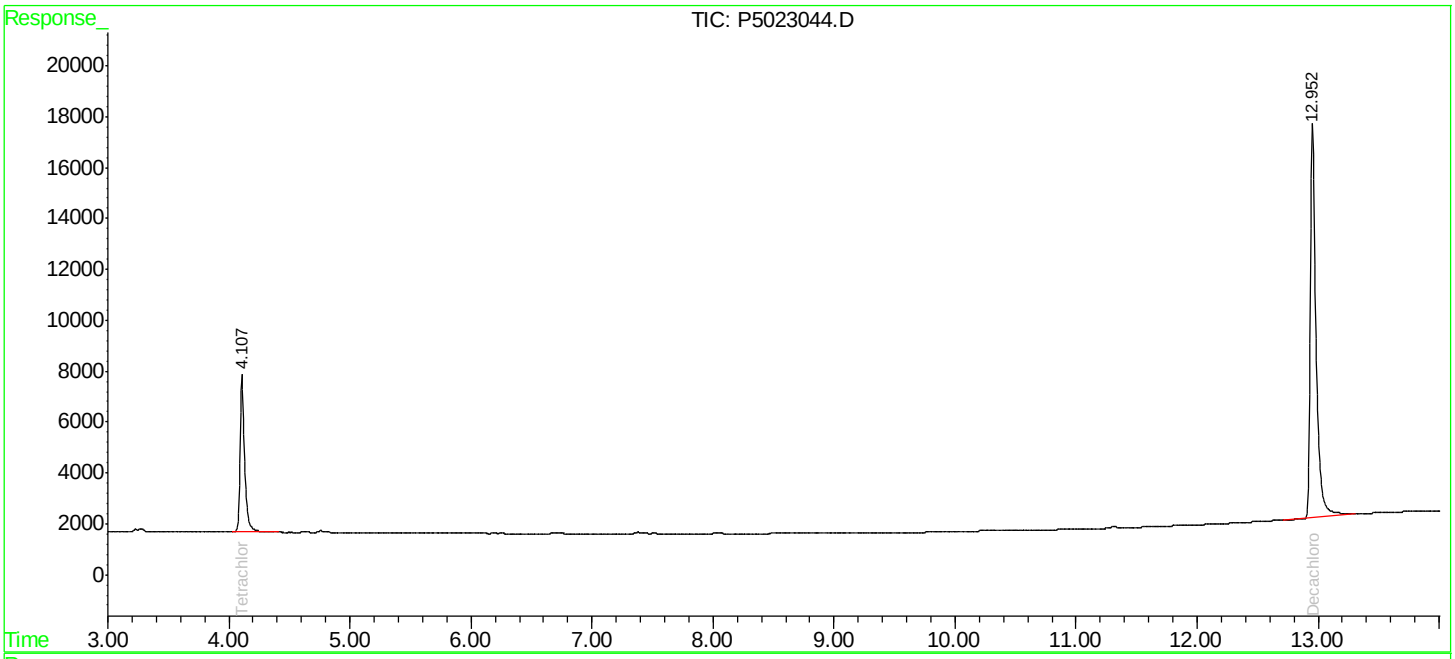
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

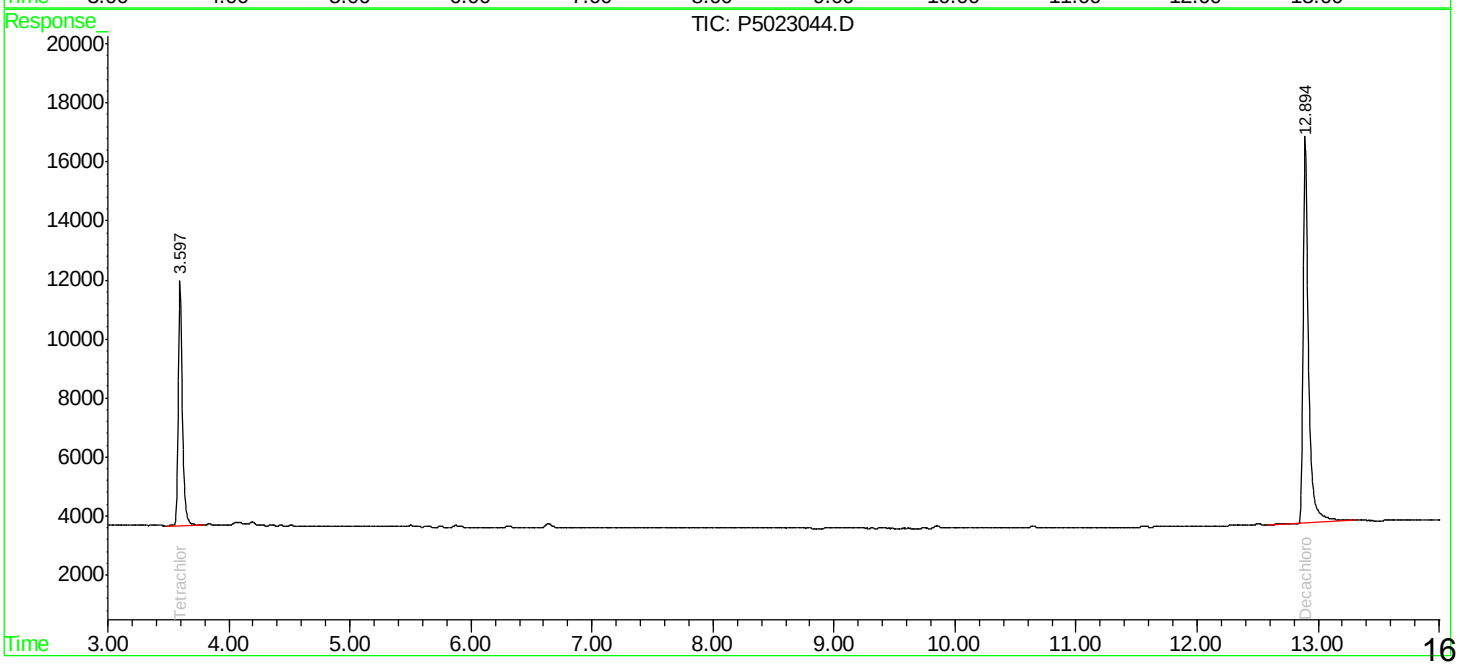
Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102208\
Data File : P5023044.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Oct 2008 21:17
Operator : UA
Sample : Z4932-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 16:08:33 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102208\
Data File : P5023044.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Oct 2008 21:17
Operator : UA
Sample : Z4932-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 16:08:33 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.108	3.598	163026	197115	60.890	56.002
2) SA	Decachlor...	12.954	12.896	506126	403950	110.277	87.195
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

RINSATEBLANK

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: Z4932-03

Sample wt/vol: 970 (g/mL) mL Lab File ID: P5023045.D

% Moisture: Decanted:(Y/N) N Date Received: 10/10/2008

Extraction:(Type) SEPF Date Extracted: 10/13/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/22/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

Acid Cleanup: (Y/N) N

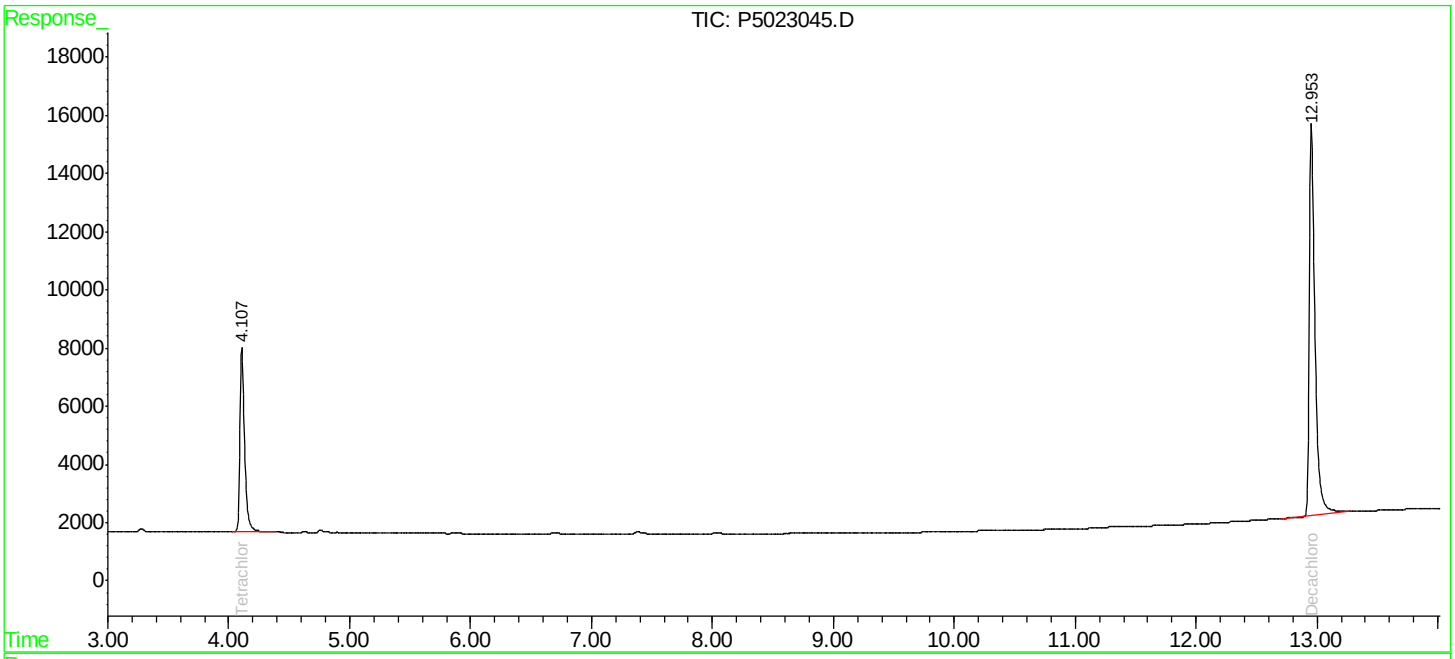
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

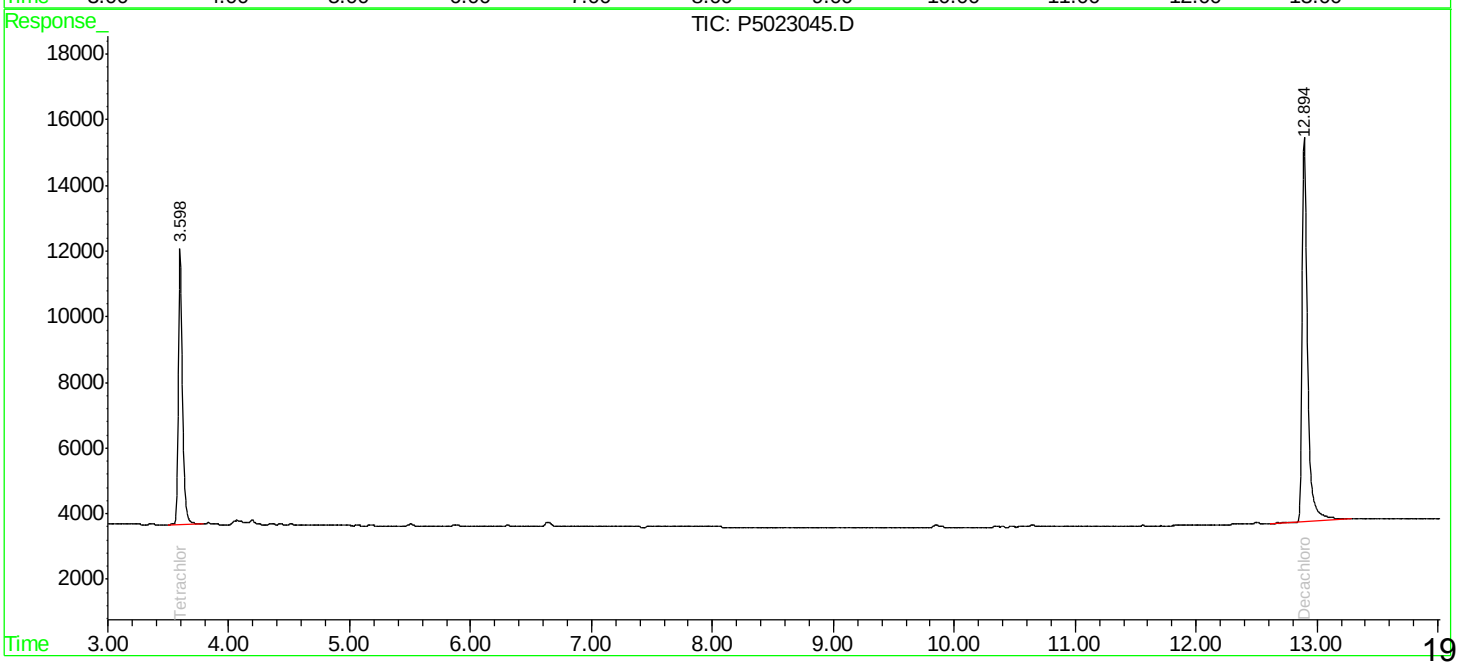
Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102208\
Data File : P5023045.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Oct 2008 21:34
Operator : UA
Sample : Z4932-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 16:09:20 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102208\
Data File : P5023045.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Oct 2008 21:34
Operator : UA
Sample : Z4932-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 16:09:20 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.109	3.599	166161	199857	62.061	56.781
2) SA	Decachlor...	12.955	12.896	433243	359839	94.397	77.673
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUP

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z4932-04

Sample wt/vol: 30 (g/mL) g Lab File ID: P5022969.D

% Moisture: 45 Decanted:(Y/N) N Date Received: 10/10/2008

Extraction:(Type) SOXH Date Extracted: 10/14/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/20/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: 5.60 Sulfur Cleanup:(Y/N) N

Acid Cleanup: (Y/N) N

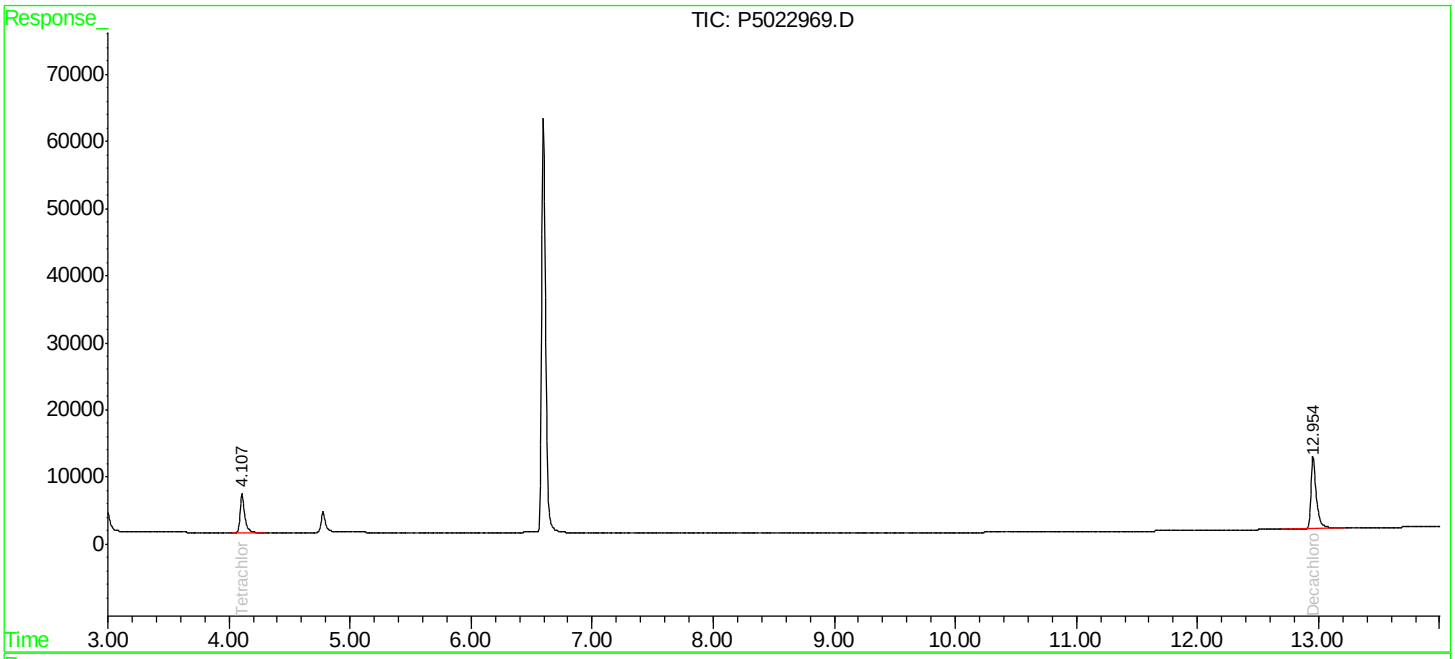
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	60	U
11104-28-2	Aroclor-1221	60	U
11141-16-5	Aroclor-1232	60	U
53469-21-9	Aroclor-1242	60	U
12672-29-6	Aroclor-1248	60	U
11097-69-1	Aroclor-1254	60	U
11096-82-5	Aroclor-1260	60	U
37324-23-5	Aroclor-1262	60	U
11100-14-4	Aroclor-1268	60	U

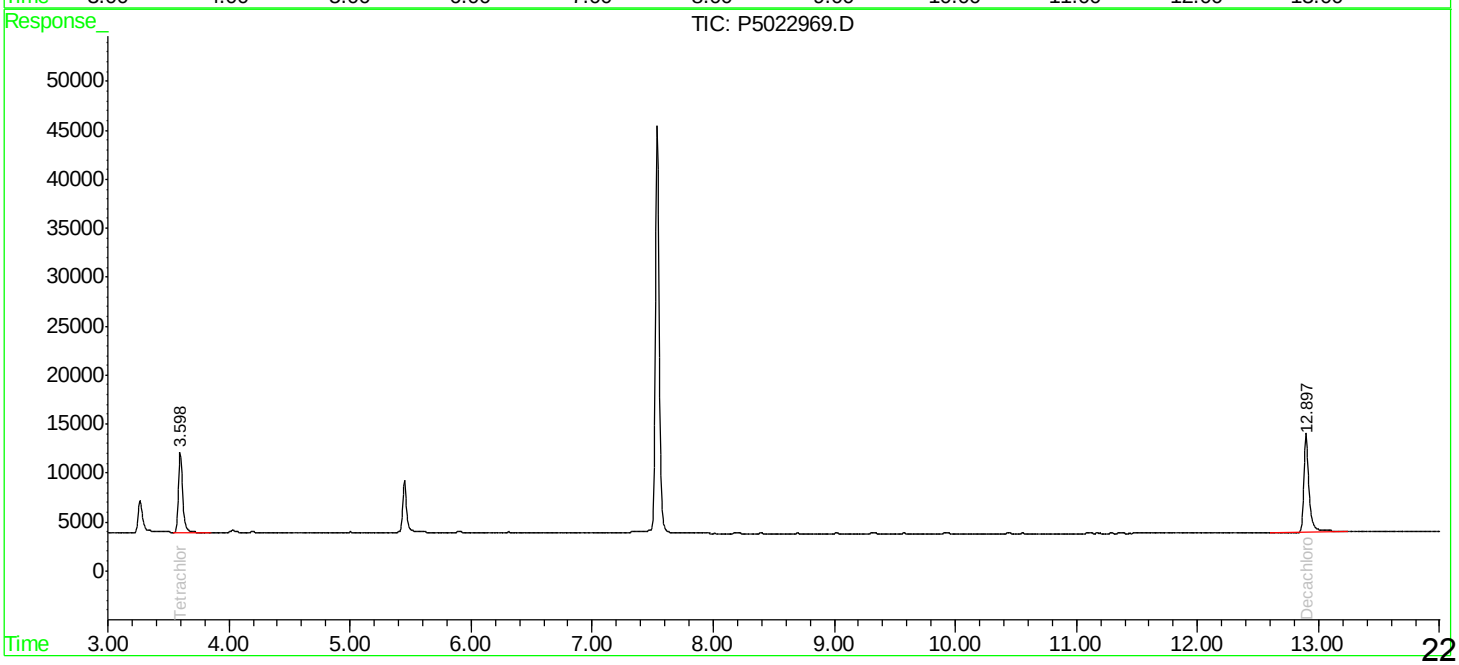
Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022969.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 18:33
Operator : UA
Sample : Z4932-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 14:00:40 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022969.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 18:33
Operator : UA
Sample : Z4932-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 14:00:40 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds						
1) SA Tetrachlo...	4.109	3.599	152524	196373	56.968	55.791
2) SA Decachlor...	12.956	12.898	326710	296704	71.185	64.045
Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SED1

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z4932-05

Sample wt/vol: 30 (g/mL) g Lab File ID: P5022970.D

% Moisture: 60 Decanted:(Y/N) N Date Received: 10/10/2008

Extraction:(Type) SOXH Date Extracted: 10/14/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/20/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: 6.80 Sulfur Cleanup:(Y/N) N

Acid Cleanup: (Y/N) N

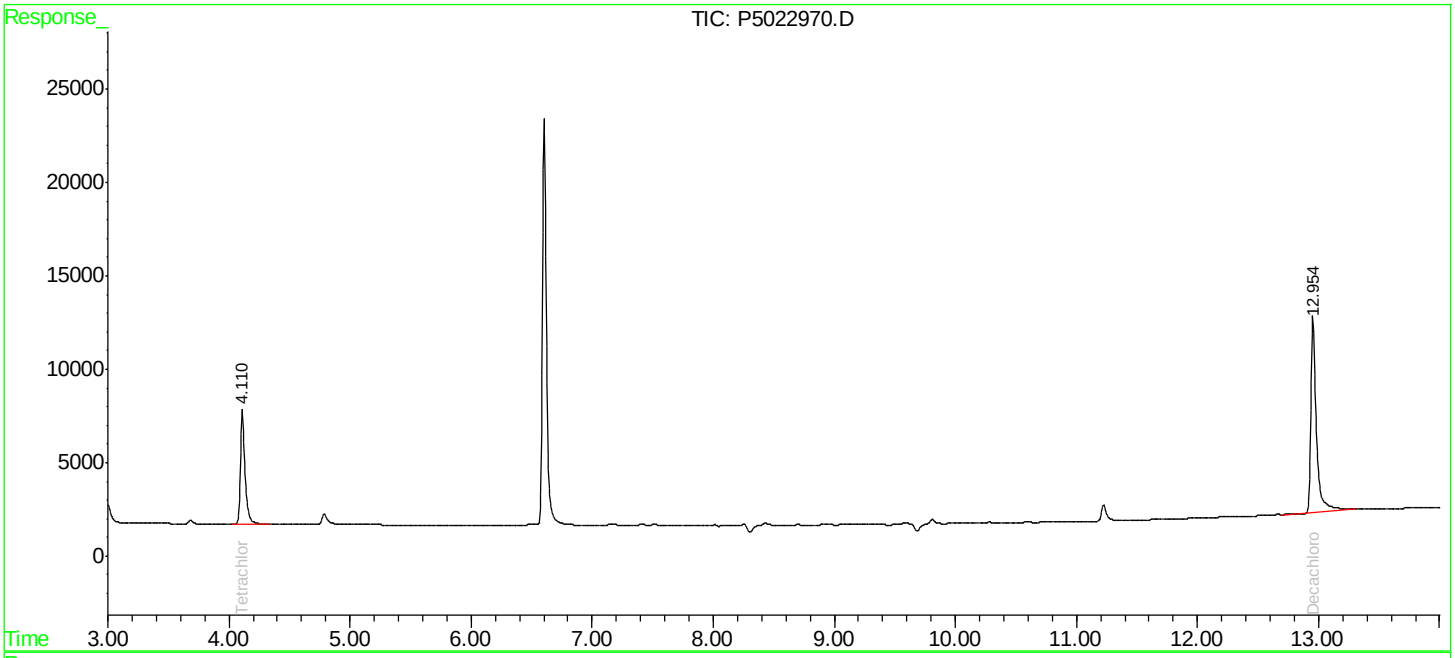
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	82	U
11104-28-2	Aroclor-1221	82	U
11141-16-5	Aroclor-1232	82	U
53469-21-9	Aroclor-1242	82	U
12672-29-6	Aroclor-1248	82	U
11097-69-1	Aroclor-1254	82	U
11096-82-5	Aroclor-1260	82	U
37324-23-5	Aroclor-1262	82	U
11100-14-4	Aroclor-1268	82	U

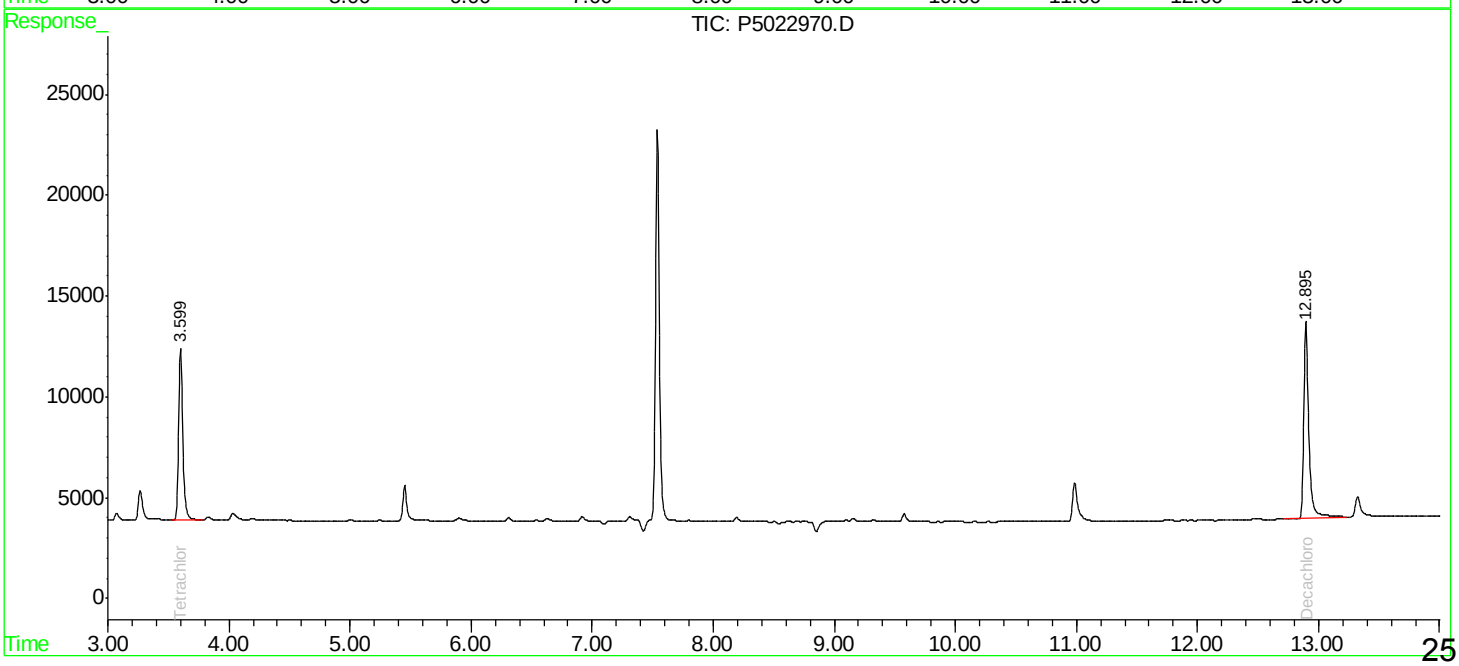
Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022970.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 18:54
Operator : UA
Sample : Z4932-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 14:01:29 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022970.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 18:54
Operator : UA
Sample : Z4932-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 14:01:29 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.111	3.601	163437	203441	61.044	57.799
2) SA	Decachlor...	12.956	12.897	334110	284104	72.797	61.326
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SED2

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z4932-08

Sample wt/vol: 30 (g/mL) g Lab File ID: P5022971.D

% Moisture: 57 Decanted:(Y/N) N Date Received: 10/10/2008

Extraction:(Type) SOXH Date Extracted: 10/14/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/20/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: 7.20 Sulfur Cleanup:(Y/N) N

Acid Cleanup: (Y/N) N

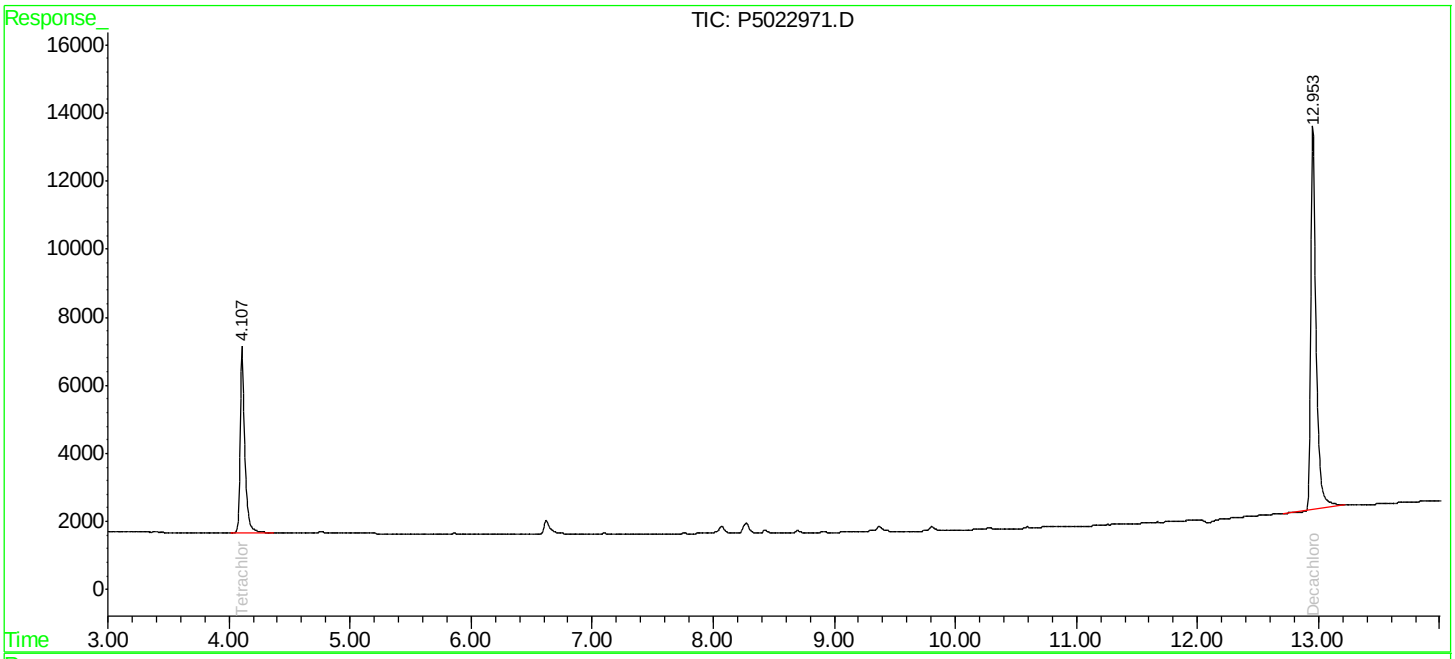
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	77	U
11104-28-2	Aroclor-1221	77	U
11141-16-5	Aroclor-1232	77	U
53469-21-9	Aroclor-1242	77	U
12672-29-6	Aroclor-1248	77	U
11097-69-1	Aroclor-1254	77	U
11096-82-5	Aroclor-1260	77	U
37324-23-5	Aroclor-1262	77	U
11100-14-4	Aroclor-1268	77	U

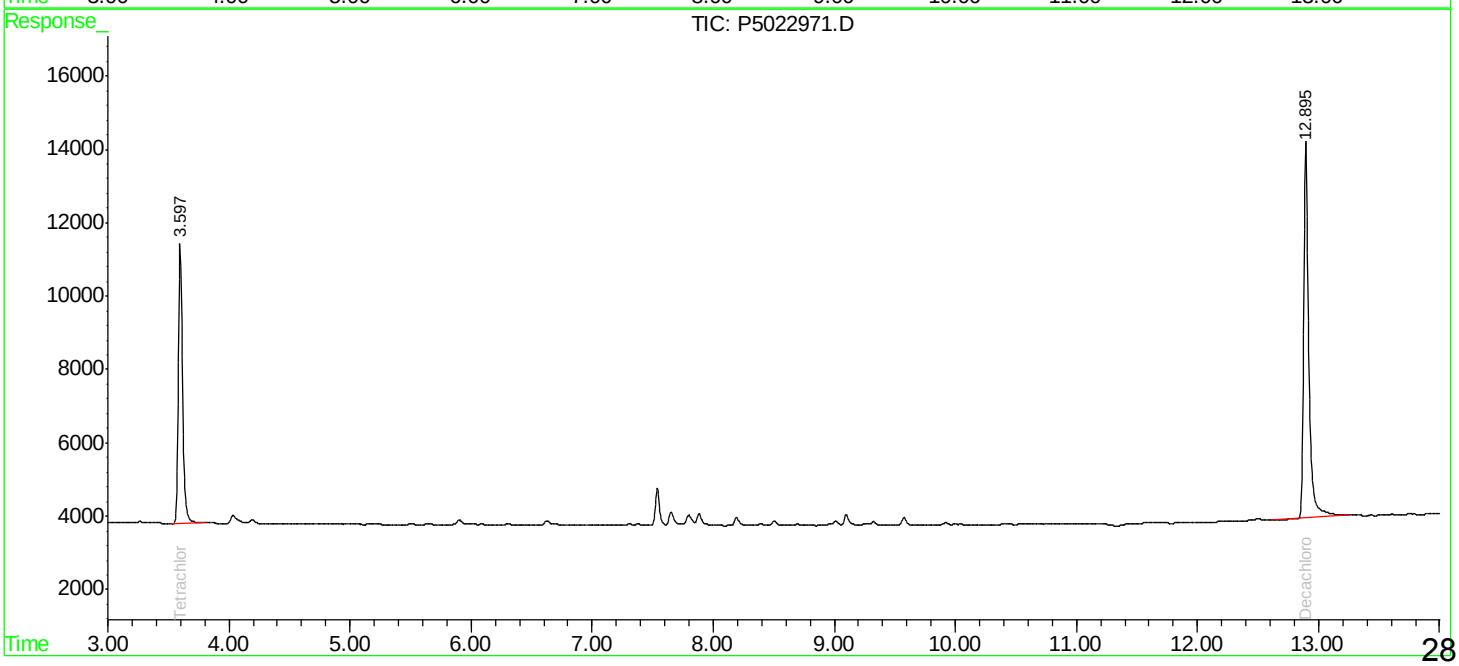
Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022971.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 19:12
Operator : UA
Sample : Z4932-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 14:02:24 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022971.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 19:12
Operator : UA
Sample : Z4932-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 14:02:24 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds							
1) SA	Tetrachlo...	4.109	3.599	144341	181326	53.912	51.516
2) SA	Decachlor...	12.955	12.896	340989	301899	74.296	65.167

Target Compounds

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SED3

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z4932-09

Sample wt/vol: 30 (g/mL) g Lab File ID: P5022972.D

% Moisture: 57 Decanted:(Y/N) N Date Received: 10/10/2008

Extraction:(Type) SOXH Date Extracted: 10/14/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/20/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: 5.55 Sulfur Cleanup:(Y/N) N

Acid Cleanup: (Y/N) N

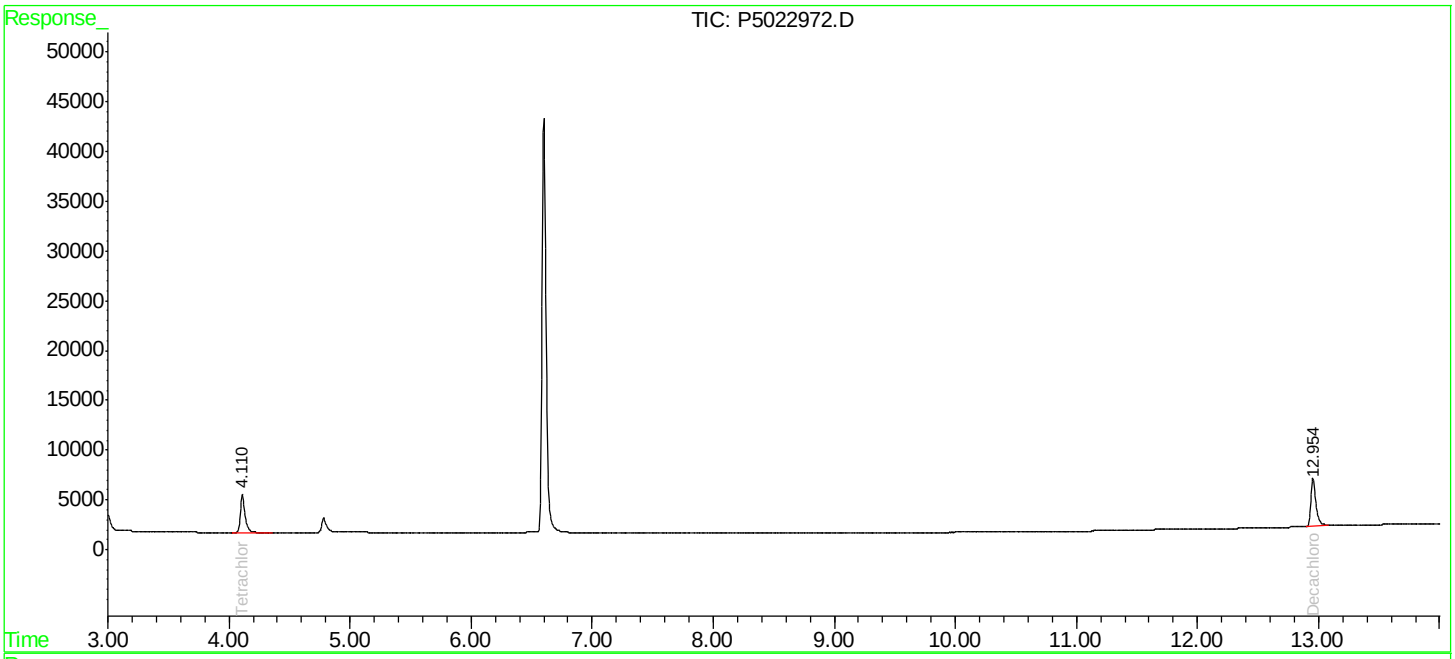
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	76	U
11104-28-2	Aroclor-1221	76	U
11141-16-5	Aroclor-1232	76	U
53469-21-9	Aroclor-1242	76	U
12672-29-6	Aroclor-1248	76	U
11097-69-1	Aroclor-1254	76	U
11096-82-5	Aroclor-1260	76	U
37324-23-5	Aroclor-1262	76	U
11100-14-4	Aroclor-1268	76	U

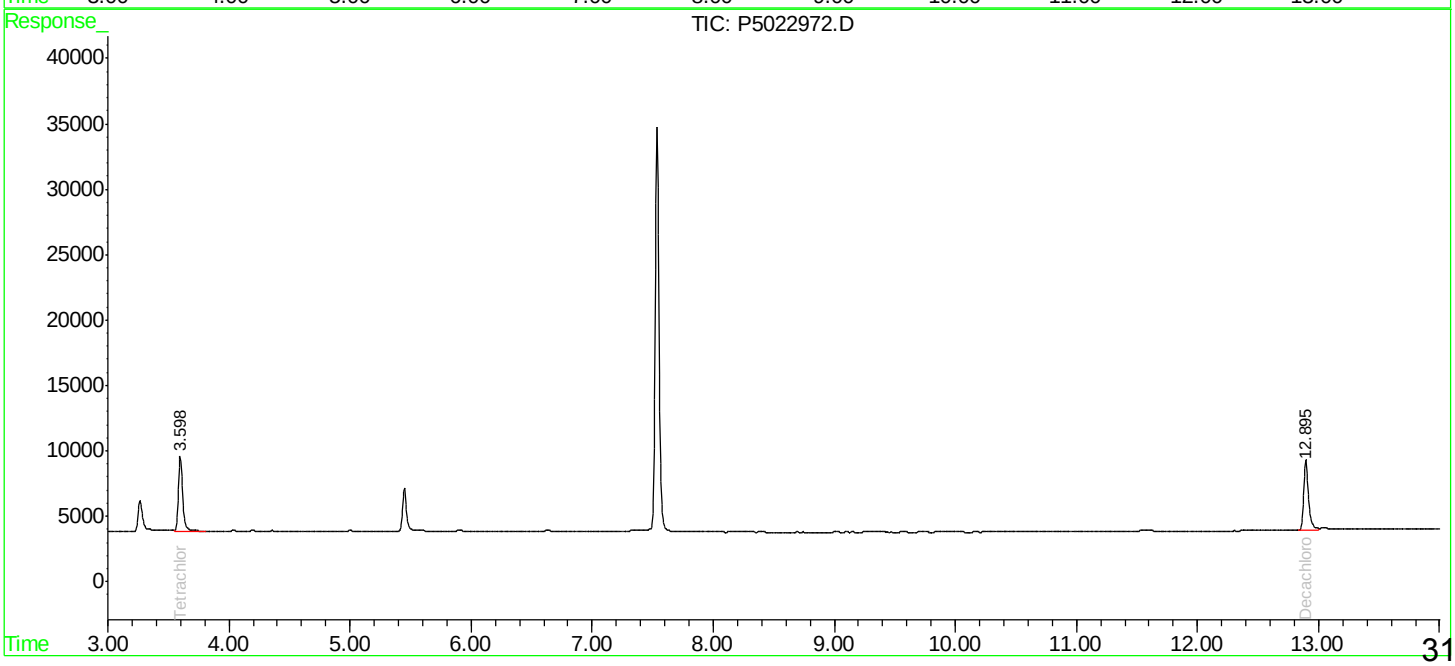
Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022972.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 19:29
Operator : UA
Sample : Z4932-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 14:08:11 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm



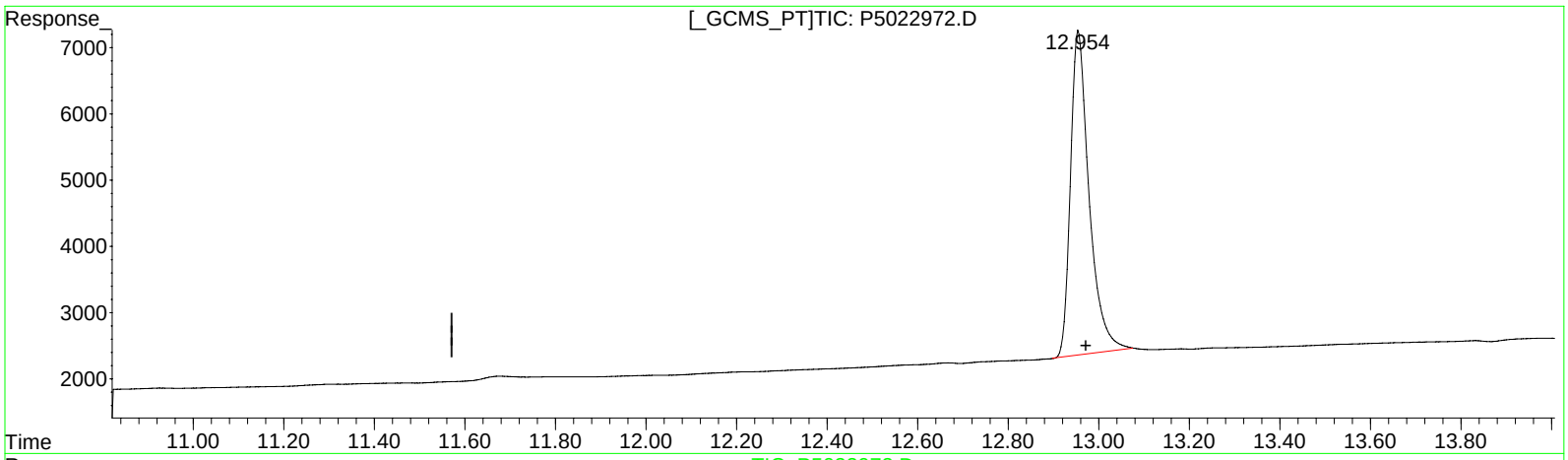


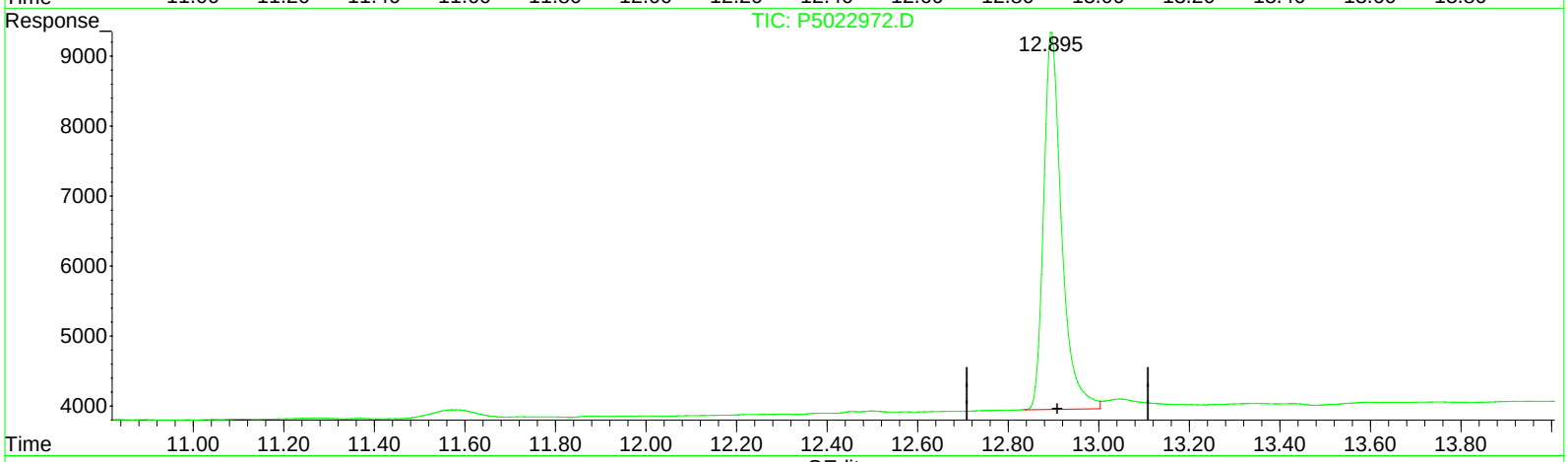
Quantitation Report (Qedit)

Data Path : Z:\Ecd 5\Data\P5102008\
Data File : P5022972.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 19:29
Operator : UA
Sample : Z4932-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 14:02:46 2008
Quant Method : Z:\Ecd 5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





QEdit

(2) Decachlorobiphenyl (SA)

12.954min 30.402 ng/ml m

response 139533

(2) Decachlorobiphenyl #2 (SA)

12.895min 32.087 ng/ml m

response 148650

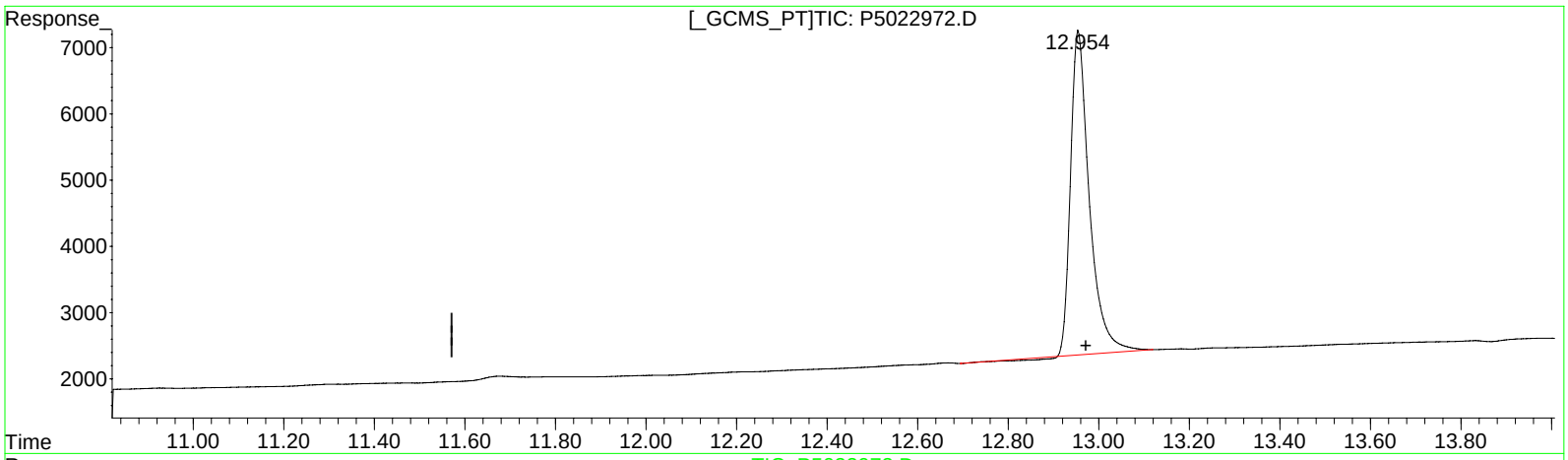
(+) = Expected Retention Time

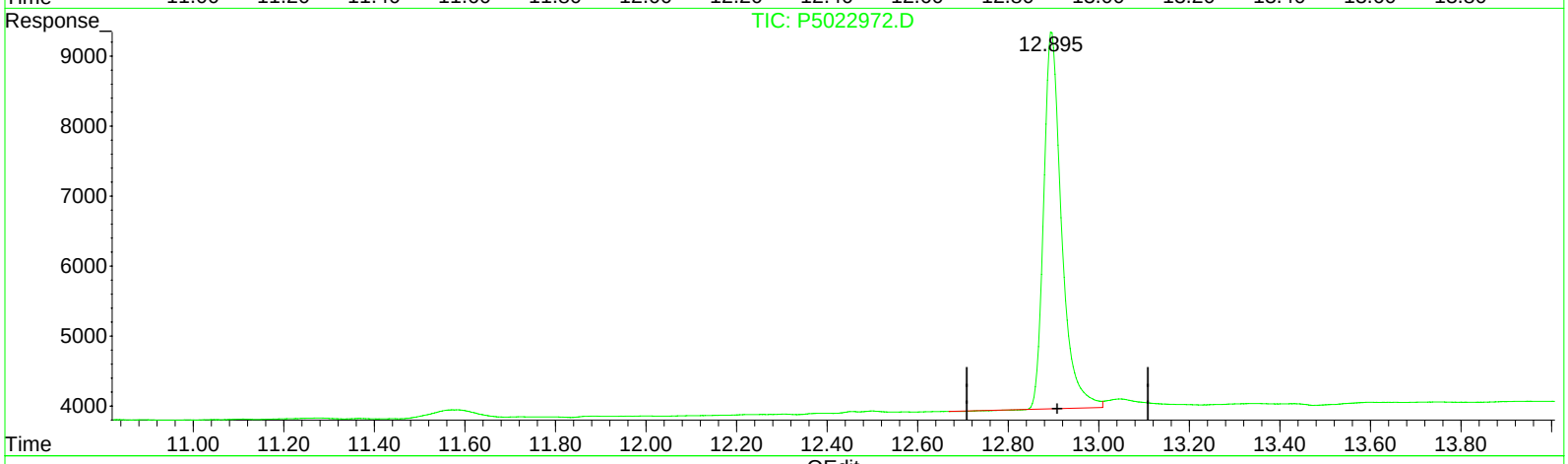
Quantitation Report (Qedit)

Data Path : Z:\Ecd 5\Data\P5102008\
Data File : P5022972.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 19:29
Operator : UA
Sample : Z4932-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 14:02:46 2008
Quant Method : Z:\Ecd 5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





QEdit

(2) Decachlorobiphenyl (SA)

12.956min 30.393 ng/ml

response 139493

(2) Decachlorobiphenyl #2 (SA)

12.897min 31.840 ng/ml

response 147505

33

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022972.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 19:29
Operator : UA
Sample : Z4932-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 14:08:11 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.111	3.599	103901	137977	38.807	39.200
2) SA	Decachlor...	12.954	12.895	139533	148650	30.402m	32.087m
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SED4

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z4932-10

Sample wt/vol: 30 (g/mL) g Lab File ID: P5022973.D

% Moisture: 25 Decanted:(Y/N) N Date Received: 10/10/2008

Extraction:(Type) SOXH Date Extracted: 10/14/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/20/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: 6.35 Sulfur Cleanup:(Y/N) N

Acid Cleanup: (Y/N) N

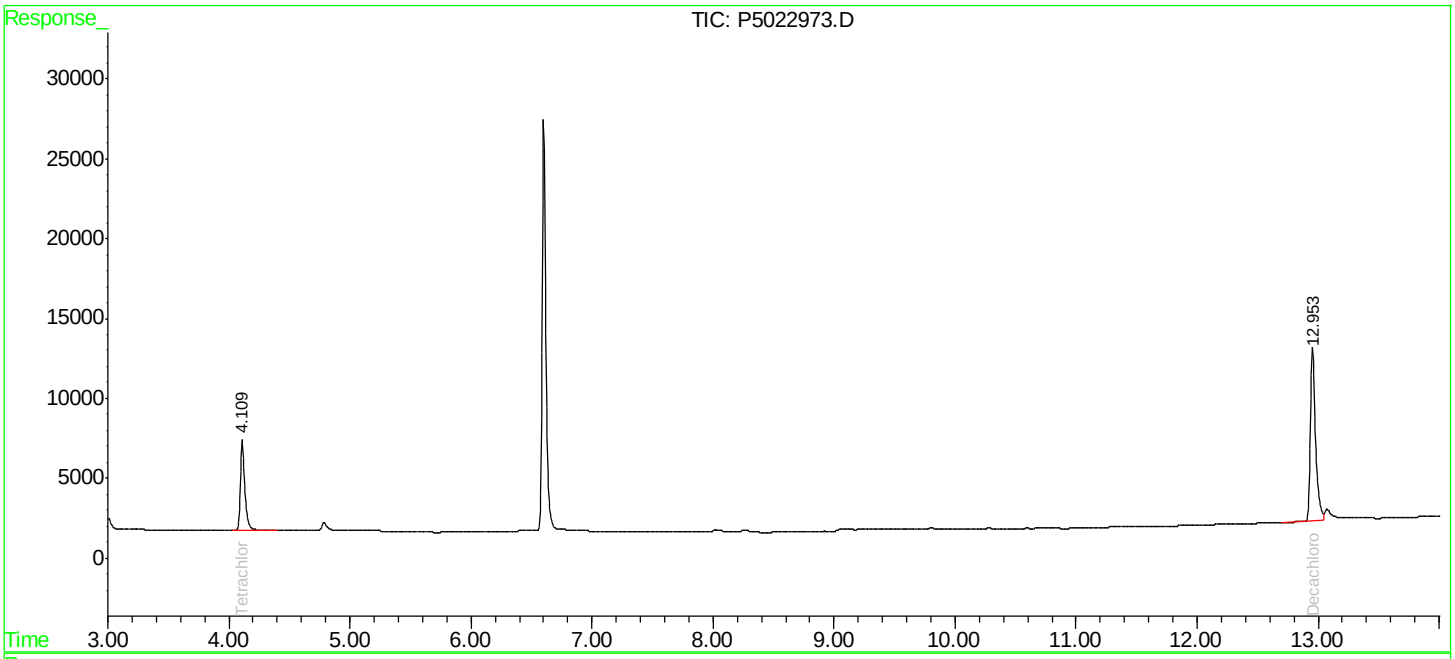
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	44	U
11104-28-2	Aroclor-1221	44	U
11141-16-5	Aroclor-1232	44	U
53469-21-9	Aroclor-1242	44	U
12672-29-6	Aroclor-1248	44	U
11097-69-1	Aroclor-1254	44	U
11096-82-5	Aroclor-1260	44	U
37324-23-5	Aroclor-1262	44	U
11100-14-4	Aroclor-1268	44	U

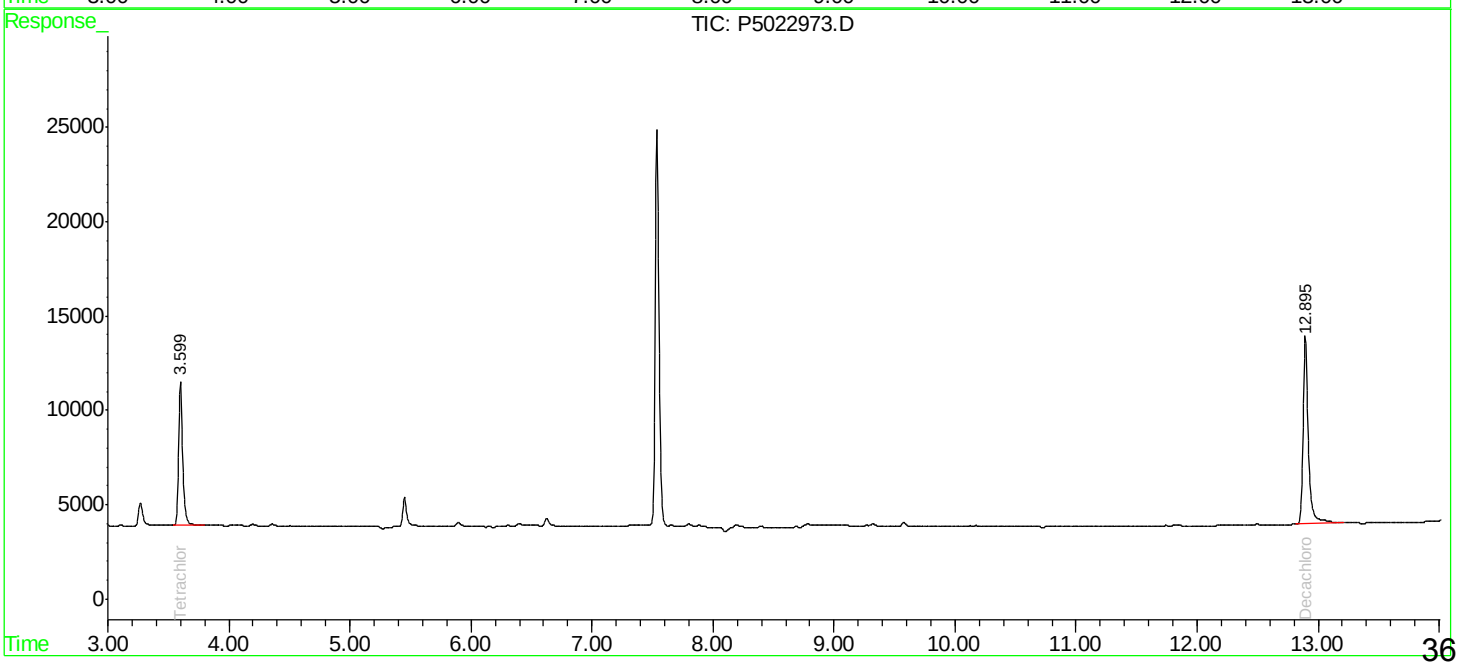
Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022973.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 19:46
Operator : UA
Sample : Z4932-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 14:09:12 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022973.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 19:46
Operator : UA
Sample : Z4932-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 14:09:12 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.110	3.601	149659	181585	55.898	51.590
2) SA	Decachlor...	12.955	12.896	316171	301030	68.889	64.979
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SED5

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z4932-11

Sample wt/vol: 30 (g/mL) g Lab File ID: P5022974.D

% Moisture: 19 Decanted:(Y/N) N Date Received: 10/10/2008

Extraction:(Type) SOXH Date Extracted: 10/14/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/20/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: 6.40 Sulfur Cleanup:(Y/N) N

Acid Cleanup: (Y/N) N

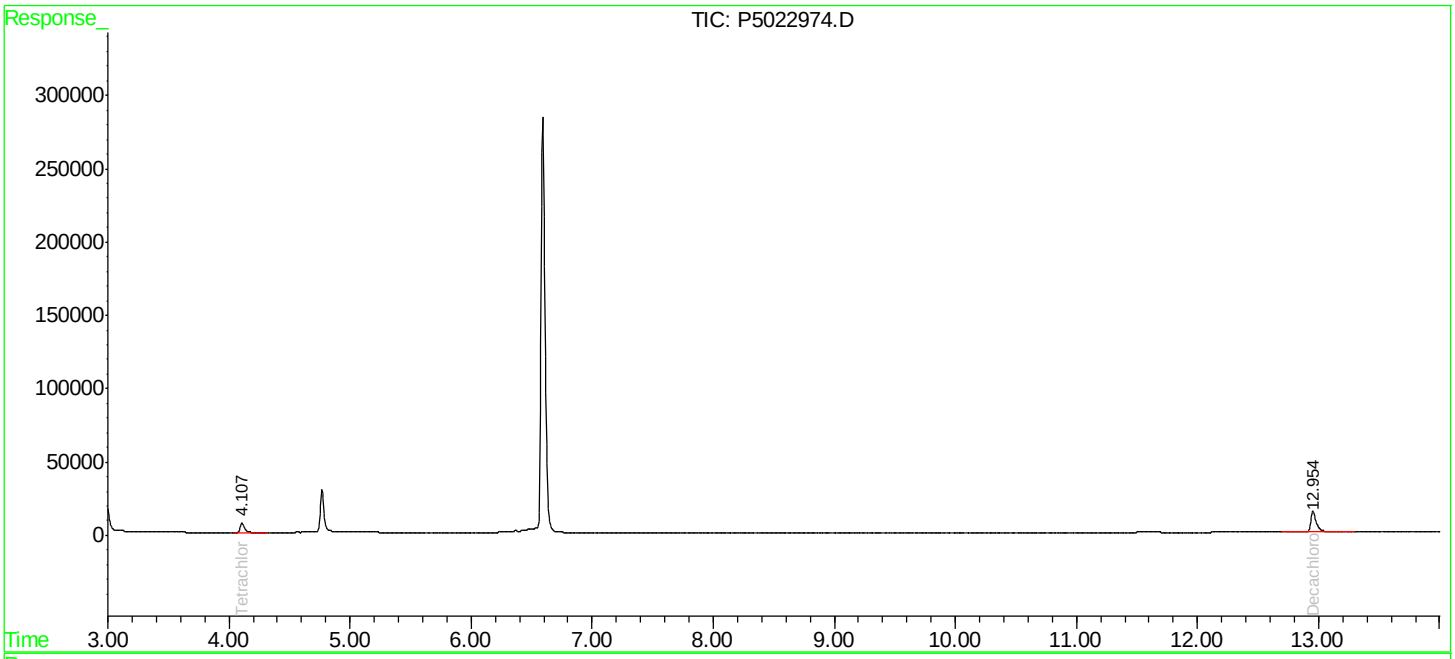
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	41	U
11104-28-2	Aroclor-1221	41	U
11141-16-5	Aroclor-1232	41	U
53469-21-9	Aroclor-1242	41	U
12672-29-6	Aroclor-1248	41	U
11097-69-1	Aroclor-1254	41	U
11096-82-5	Aroclor-1260	41	U
37324-23-5	Aroclor-1262	41	U
11100-14-4	Aroclor-1268	41	U

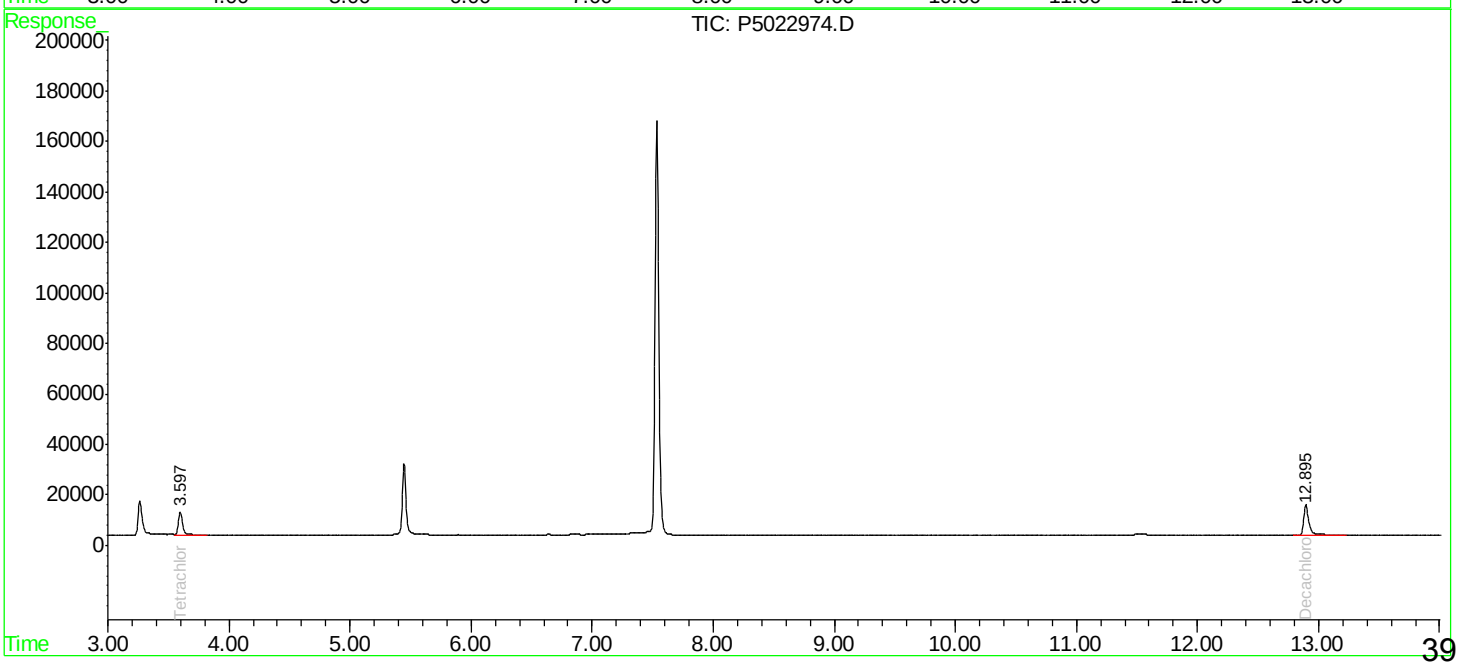
Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022974.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 20:03
Operator : UA
Sample : Z4932-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 14:12:50 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022974.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 20:03
Operator : UA
Sample : Z4932-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 14:12:50 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds						
1) SA Tetrachlo...	4.108	3.598	177396	249031	66.258	70.751
2) SA Decachlor...	12.955	12.897	449695	373540	97.981	80.631
Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SED6

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z4932-12

Sample wt/vol: 30 (g/mL) g Lab File ID: P5022975.D

% Moisture: 23 Decanted:(Y/N) N Date Received: 10/10/2008

Extraction:(Type) SOXH Date Extracted: 10/14/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/20/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: 6.20 Sulfur Cleanup:(Y/N) N

Acid Cleanup: (Y/N) N

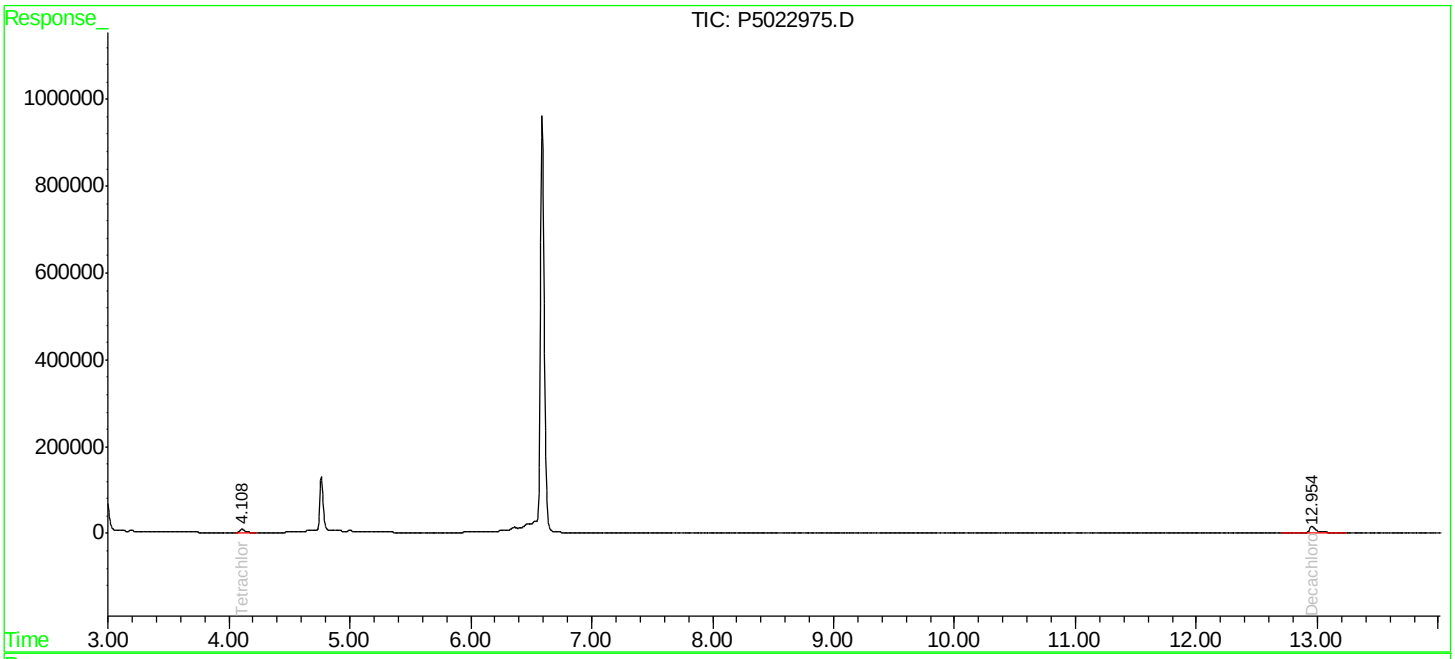
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	43	U
11104-28-2	Aroclor-1221	43	U
11141-16-5	Aroclor-1232	43	U
53469-21-9	Aroclor-1242	43	U
12672-29-6	Aroclor-1248	43	U
11097-69-1	Aroclor-1254	43	U
11096-82-5	Aroclor-1260	43	U
37324-23-5	Aroclor-1262	43	U
11100-14-4	Aroclor-1268	43	U

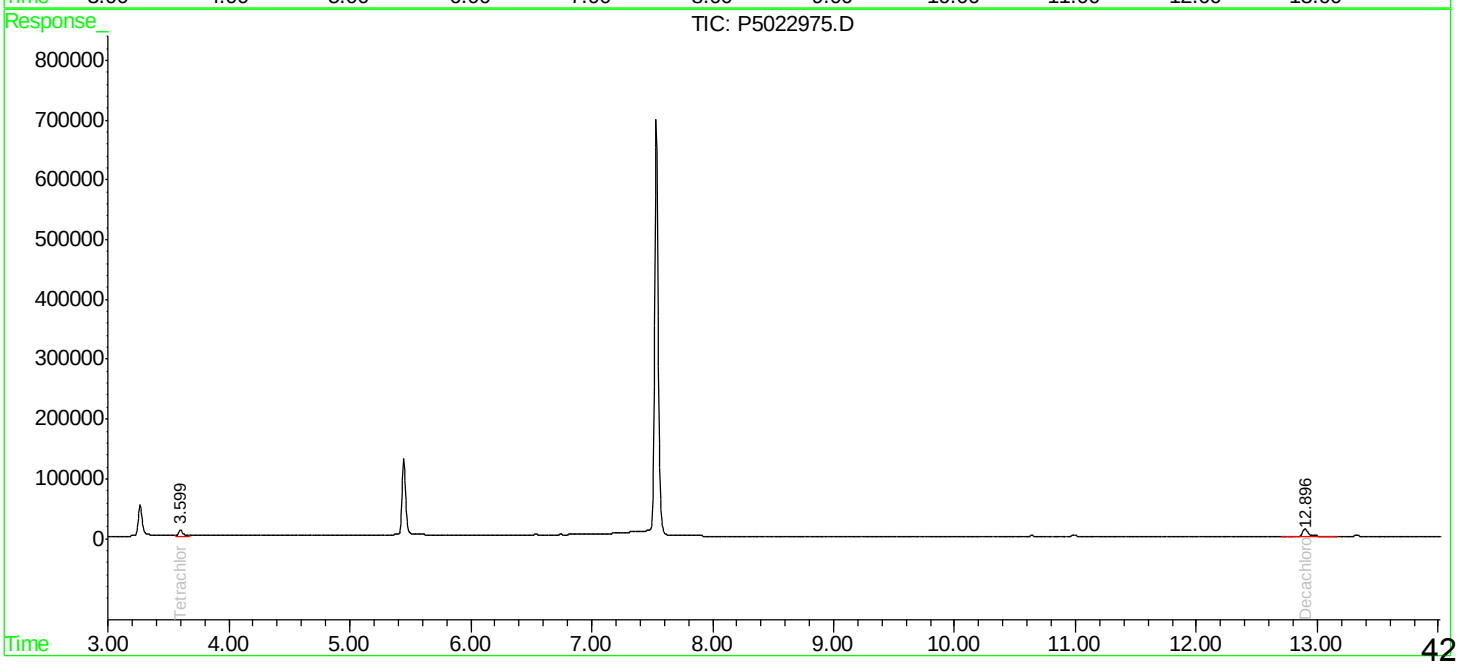
Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022975.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 20:21
Operator : UA
Sample : Z4932-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 14:13:38 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022975.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 20:21
Operator : UA
Sample : Z4932-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 14:13:38 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.110	3.601	188290	276184	70.327	78.466
2) SA	Decachlor...	12.958	12.897	456270	364490	99.414	78.677
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SED7

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z4932-13

Sample wt/vol: 30 (g/mL) g Lab File ID: P5022976.D

% Moisture: 25 Decanted:(Y/N) N Date Received: 10/10/2008

Extraction:(Type) SOXH Date Extracted: 10/14/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/20/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: 6.64 Sulfur Cleanup:(Y/N) N

Acid Cleanup: (Y/N) N

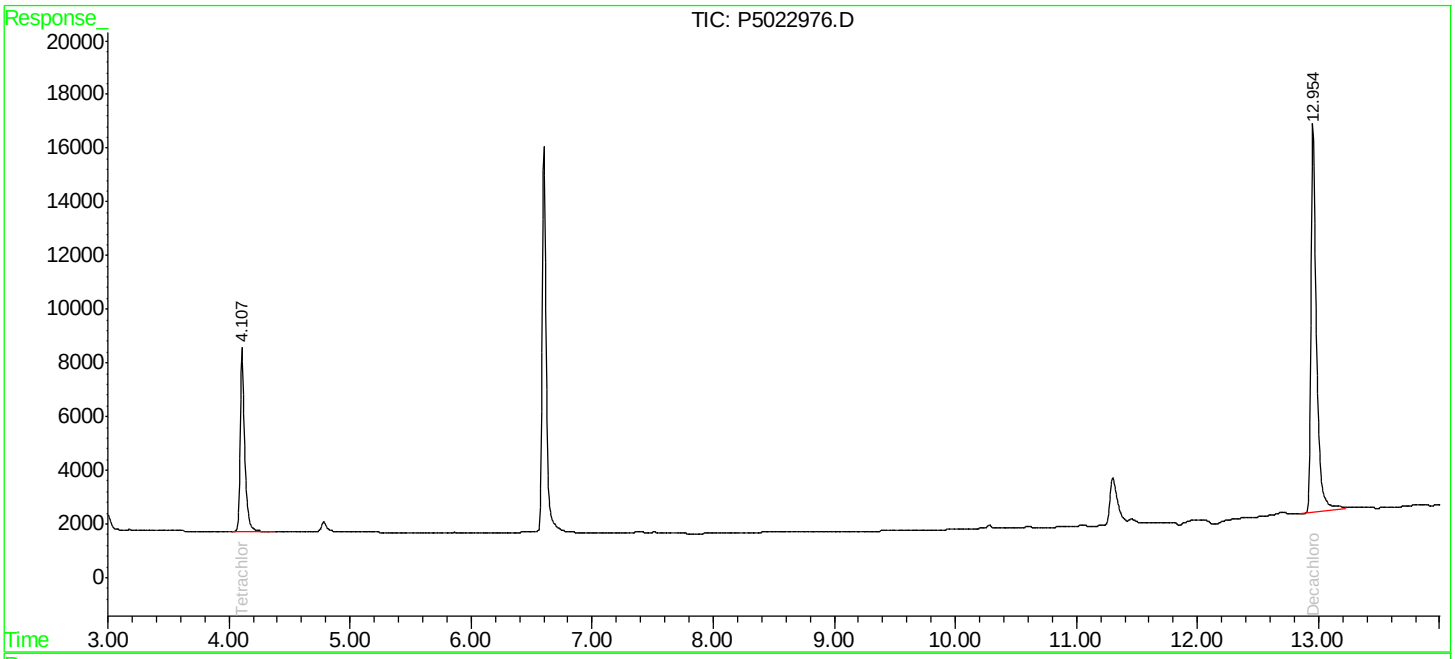
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	44	U
11104-28-2	Aroclor-1221	44	U
11141-16-5	Aroclor-1232	44	U
53469-21-9	Aroclor-1242	44	U
12672-29-6	Aroclor-1248	44	U
11097-69-1	Aroclor-1254	44	U
11096-82-5	Aroclor-1260	44	U
37324-23-5	Aroclor-1262	44	U
11100-14-4	Aroclor-1268	44	U

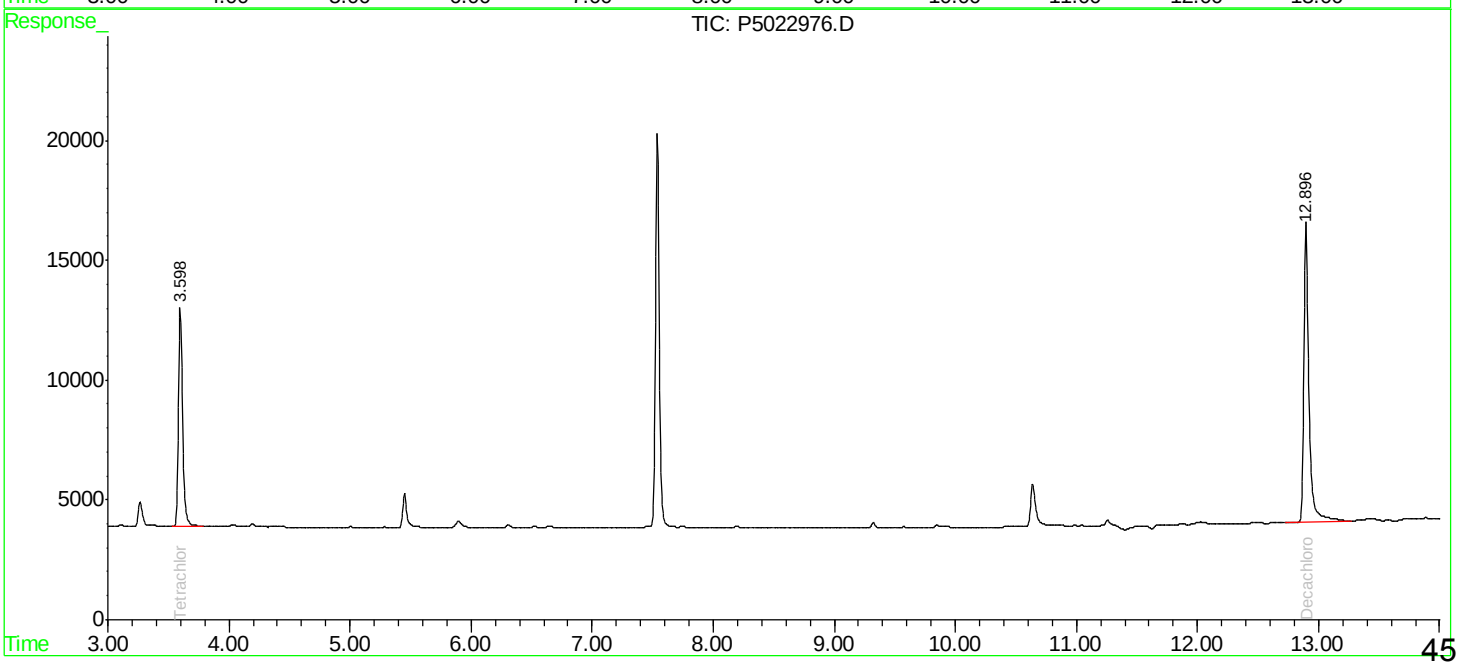
Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022976.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 20:38
Operator : UA
Sample : Z4932-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 14:14:22 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022976.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 20:38
Operator : UA
Sample : Z4932-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 14:14:22 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.109	3.599	177680	214924	66.364	61.061
2) SA	Decachlor...	12.957	12.898	455944	373168	99.343	80.551
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SED8

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z4932-14

Sample wt/vol: 30 (g/mL) g Lab File ID: P5022977.D

% Moisture: 21 Decanted:(Y/N) N Date Received: 10/10/2008

Extraction:(Type) SOXH Date Extracted: 10/14/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/20/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: 6.81 Sulfur Cleanup:(Y/N) N

Acid Cleanup: (Y/N) N

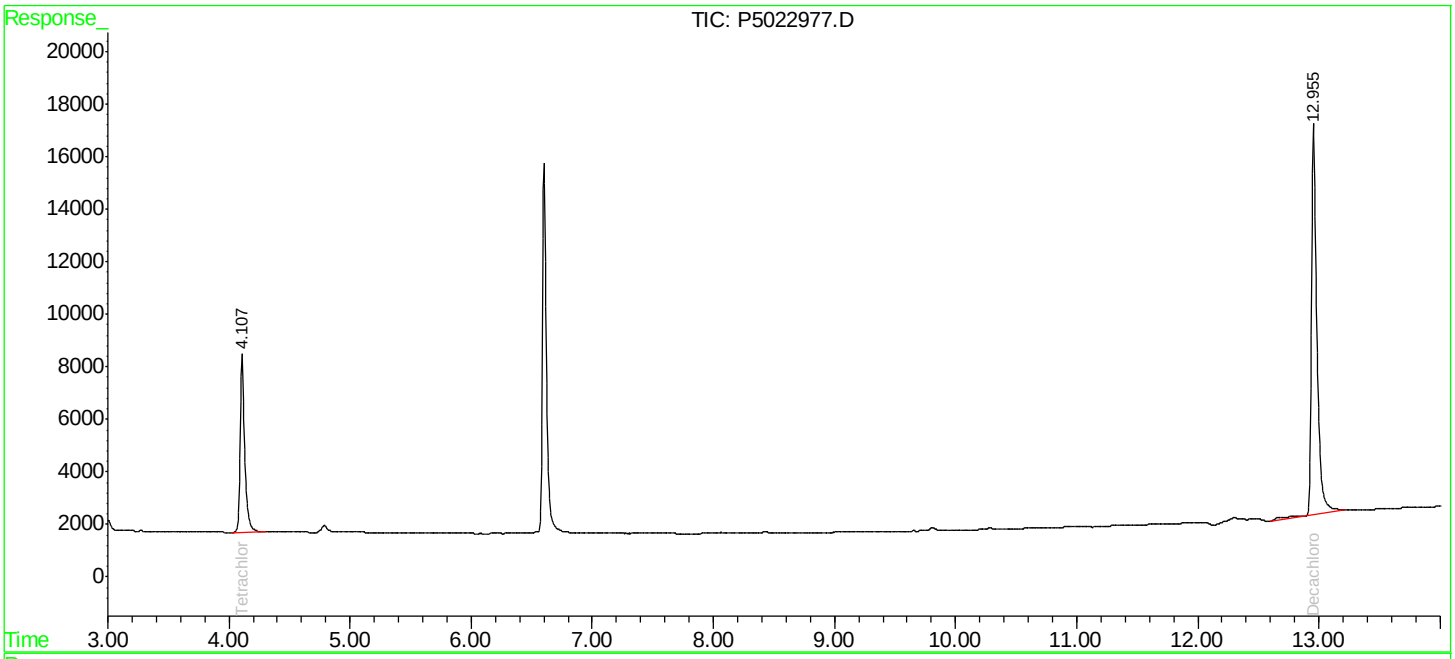
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	42	U
11104-28-2	Aroclor-1221	42	U
11141-16-5	Aroclor-1232	42	U
53469-21-9	Aroclor-1242	42	U
12672-29-6	Aroclor-1248	42	U
11097-69-1	Aroclor-1254	42	U
11096-82-5	Aroclor-1260	42	U
37324-23-5	Aroclor-1262	42	U
11100-14-4	Aroclor-1268	42	U

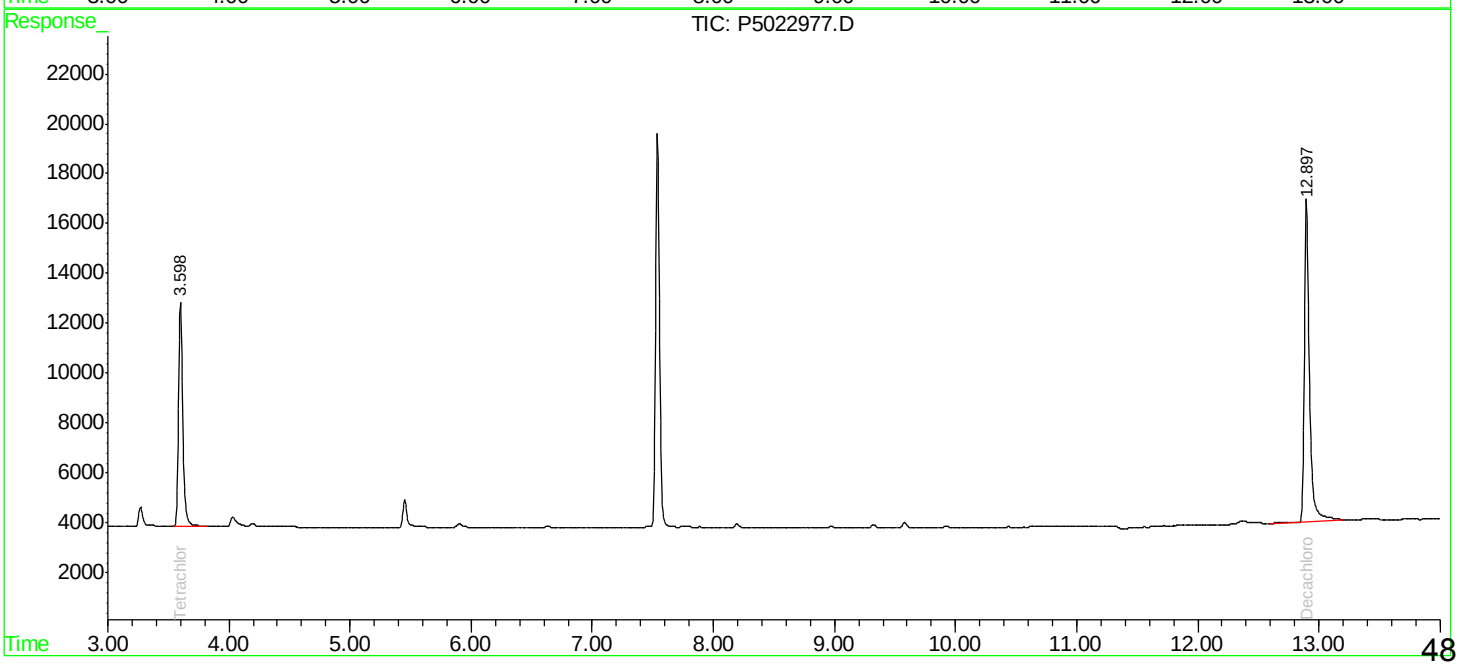
Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022977.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 20:57
Operator : UA
Sample : Z4932-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 14:15:22 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022977.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 20:57
Operator : UA
Sample : Z4932-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 14:15:22 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds							
1) SA	Tetrachlo...	4.109	3.600	176030	215554	65.747	61.240
2) SA	Decachlor...	12.957	12.899	475345	376744	103.570	81.323

Target Compounds

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

CHEMTECH

PESTICIDE/PCB CALIBRATION DATA

6N - FORM VI ARO-1
AROCLORS INITIAL CALIBRATION (MULTIPOINT)

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

Instrument ID: ECD5

Level (x CS1): CS1 1.0 CS2 2.0 CS3 4.0 CS4 8.0 CS5 16.0

GC Column: RTX-CLPest ID: 0.32 (mm) Date(s) Analyzed: 10/20/2008 10/20/2008

COMPOUND	PEAK	RT OF STANDARDS					$\overline{RT}$	RT WINDOW**	
		CS1	CS2	CS3	CS4	CS5		FROM	TO
Aroclor-1016	1	5.32	5.31	5.31	5.31	5.31	5.31	5.24	5.38
	2	5.65	5.64	5.64	5.64	5.64	5.64	5.57	5.71
	3	6.32	6.32	6.30	6.30	6.29	6.31	6.24	6.38
	4	6.42	6.41	6.41	6.40	6.40	6.41	6.34	6.48
	5	6.96	6.96	6.95	6.95	6.95	6.96	6.89	7.03
Aroclor-1260	1	8.90	8.90	8.90	8.89	8.89	8.90	8.83	8.97
	2	9.79	9.78	9.78	9.77	9.77	9.78	9.71	9.85
	3	9.95	9.95	9.95	9.95	9.95	9.95	9.88	10.02
	4	10.34	10.34	10.34	10.34	10.34	10.34	10.27	10.41
	5	10.83	10.82	10.82	10.82	10.81	10.82	10.75	10.89
Aroclor-1248	1								
	2								
	3								
	4								
	5								
Aroclor-1254	1								
	2								
	3								
	4								
	5								
Tetrachloro-m-xylene		4.11	4.11	4.11	4.11	4.11	4.11	4.06	4.16
Decachlorobiphenyl		12.98	12.97	12.97	12.97	12.97	12.97	12.87	13.07
Aroclor-1221	1								
	2								
	3								
	4								
	5								

*** At least three peaks for each column are required for identification of Aroclors.**

****Retention Time windows are +/- 0.07 minutes for each Aroclor peak; +/- 0.05 minutes for tetrachloro-m-xylene; and +/- 0.10 minutes for decachlorobiphenyl.**

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

6N - FORM VI ARO-1
AROCLORS INITIAL CALIBRATION (MULTIPOINT)

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

Instrument ID: ECD5

Level (x CS1): CS1 1.0 CS2 2.0 CS3 4.0 CS4 8.0 CS5 16.0

GC Column: RTX-CLPest I ID: 0.32 (mm) Date(s) Analyzed: 10/20/2008 10/20/2008

COMPOUND	PEAK	RT OF STANDARDS					$\overline{RT}$	RT WINDOW**	
		CS1	CS2	CS3	CS4	CS5		FROM	TO
Aroclor-1016	1	5.05	5.05	5.04	5.04	5.04	5.04	4.97	5.11
	2	5.77	5.77	5.77	5.76	5.76	5.77	5.70	5.84
	3	5.99	5.98	5.98	5.98	5.98	5.98	5.91	6.05
	4	6.73	6.73	6.72	6.72	6.72	6.73	6.66	6.80
	5	6.91	6.92	6.92	6.92	6.92	6.92	6.85	6.99
Aroclor-1260	1	8.70	8.70	8.70	8.70	8.70	8.70	8.63	8.77
	2	9.03	9.03	9.03	9.02	9.02	9.03	8.96	9.10
	3	9.72	9.72	9.72	9.72	9.72	9.72	9.65	9.79
	4	10.18	10.18	10.18	10.17	10.17	10.17	10.10	10.24
	5	10.56	10.56	10.56	10.56	10.56	10.56	10.49	10.63
Aroclor-1248	1								
	2								
	3								
	4								
	5								
Aroclor-1254	1								
	2								
	3								
	4								
	5								
Tetrachloro-m-xylene		3.60	3.60	3.60	3.60	3.60	3.60	3.55	3.65
Decachlorobiphenyl		12.91	12.91	12.91	12.91	12.91	12.91	12.81	13.01
Aroclor-1221	1								
	2								
	3								
	4								
	5								

* At least three peaks for each column are required for identification of Aroclors.

**Retention Time windows are +/- 0.07 minutes for each Aroclor peak; +/- 0.05 minutes for tetrachloro-m-xylene; and +/- 0.10 minutes for decachlorobiphenyl.

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

6P - FORM VI ARO-2
AROCLORS INITIAL CALIBRATION (MULTIPOINT)

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

Instrument ID: ECD5

Level (x CS1): CS1 1.0 CS2 2.0 CS3 4.0 CS4 8.0 CS5 16.0

GC Column: RTX-CLPest ID: 0.32 (mm) Date(s) Analyzed: 10/20/2008 10/20/2008

COMPOUND	PEAK[1]	CALIBRATION FACTORS (CFs)					%RSD
		CS1	CS2	CS3	CS4	CS5	
Aroclor-1016	1	146000	151700	157290	159543	161234	4.0
	2	72520	80280	86740	89875	89076	8.7
	3	71250	78590	89250	95174	98476	13.2
	4	34730	36950	43885	47905	50728	16.1
	5	94600	102595	109243	113806	118811	8.8
Aroclor-1260	1	184420	191605	196978	200871	202755	3.8
	2	189540	206575	220425	233673	242581	9.7
	3	122090	130020	136255	140250	138560	5.6
	4	129490	136800	143568	148614	149915	6.0
	5	310640	328090	346723	367053	389698	9.0
Aroclor-1248	1						
	2						
	3						
	4						
	5						
Aroclor-1254	1						
	2						
	3						
	4						
	5						
Tetrachloro-m-xylene		2643200	2803800	2856150	2914850	2816025	3.6
Decachlorobiphenyl		5170800	5059300	4814600	4625188	4116775	8.8
Aroclor-1221	1						
	2						
	3						
	4						
	5						

[1] At least three peaks for each column are required for identification of Aroclors.

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

6P - FORM VI ARO-2
AROCLORS INITIAL CALIBRATION (MULTIPOINT)

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

Instrument ID: ECD5

Level (x CS1): CS1 1.0 CS2 2.0 CS3 4.0 CS4 8.0 CS5 16.0

GC Column: RTX-CLPest I ID: 0.32 (mm) Date(s) Analyzed: 10/20/2008 10/20/2008

COMPOUND	PEAK[1]	CALIBRATION FACTORS (CFs)					%RSD
		CS1	CS2	CS3	CS4	CS5	
Aroclor-1016	1	198030	193970	183645	168916	151419	10.7
	2	327920	318500	298770	273480	242788	11.9
	3	138950	138445	135903	124878	114037	8.3
	4	111410	110425	105223	97298	87630	9.7
	5	117040	127805	123453	116986	109608	5.8
Aroclor-1260	1	258980	245580	222965	197776	169408	16.5
	2	291210	272610	247968	219408	194586	15.9
	3	237330	225325	206728	187251	163976	14.4
	4	213880	202995	188878	171760	148387	14.0
	5	390160	366075	334570	299558	259204	15.8
Aroclor-1248	1						
	2						
	3						
	4						
	5						
Aroclor-1254	1						
	2						
	3						
	4						
	5						
Tetrachloro-m-xylene		3767800	3764800	3600800	3440575	3053500	8.4
Decachlorobiphenyl		6784300	5722250	4775425	4025638	3178256	28.8
Aroclor-1221	1						
	2						
	3						
	4						
	5						

[1] At least three peaks for each column are required for identification of Aroclors.

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

6Q - FORM VI ARO-3
AROCLOR INITIAL CALIBRATION (SINGLE POINT)

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

Instrument ID: ECD5 Date(s) Analyzed: 10/20/2008 10/20/2008

GC Column: RTX-CLPes ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK[1]	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	0.4000	1	4.41	4.34	4.48	38990
		2	4.65	4.58	4.72	24018
		3	4.72	4.65	4.79	123098
		4				
		5				
Aroclor-1232	0.4000	1	5.31	5.24	5.38	116733
		2	5.64	5.57	5.71	66108
		3	6.09	6.02	6.16	163700
		4	6.31	6.24	6.38	63180
		5	6.96	6.89	7.03	75133
Aroclor-1242	0.4000	1	5.64	5.57	5.71	68458
		2	6.31	6.24	6.38	73470
		3	6.69	6.62	6.76	51935
		4	7.66	7.59	7.73	42888
		5	7.70	7.63	7.77	93990
Aroclor-1248	0.4000	1	6.32	6.25	6.39	39508
		2	6.95	6.88	7.02	157520
		3	7.65	7.58	7.72	96445
		4	7.69	7.62	7.76	155705
		5	8.62	8.55	8.69	62590
Aroclor-1254	0.4000	1	6.59	6.52	6.66	141190
		2	7.56	7.49	7.63	172565
		3	8.61	8.54	8.68	270933
		4	9.06	8.99	9.13	183650
		5	9.34	9.27	9.41	199988
Aroclor-1262	0.4000	1	8.90	8.83	8.97	161470
		2	10.81	10.74	10.88	420813
		3	11.83	11.76	11.90	61838
		4	12.22	12.15	12.29	142940
		5	12.67	12.60	12.74	54928
Aroclor-1268	0.4000	1	10.32	10.26	10.39	151343
		2	11.31	11.24	11.38	444153
		3	11.37	11.30	11.44	596103
		4	11.67	11.60	11.74	412615
		5	12.66	12.59	12.73	1398438

1 At least three peaks for each column are required for identification of multicomponent analytes.

6Q - FORM VI ARO-3
AROCLOR INITIAL CALIBRATION (SINGLE POINT)

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

Instrument ID: ECD5 Date(s) Analyzed: 10/20/2008 10/20/2008

GC Column: RTX-CLPes ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK[1]	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	0.4000	1	4.07	4.00	4.14	58950
		2	4.30	4.23	4.37	44340
		3	4.39	4.32	4.46	157763
		4				
		5				
Aroclor-1232	0.4000	1	5.43	5.36	5.50	65993
		2	5.98	5.91	6.05	109303
		3	6.14	6.07	6.21	54863
		4	6.30	6.23	6.37	62173
		5	6.43	6.36	6.50	52813
Aroclor-1242	0.4000	1	5.98	5.91	6.05	125385
		2	6.30	6.23	6.37	76188
		3	6.37	6.30	6.44	84320
		4	6.43	6.36	6.50	69438
		5	6.72	6.65	6.79	97168
Aroclor-1248	0.4000	1	5.98	5.91	6.05	71430
		2	6.30	6.23	6.37	135833
		3	6.36	6.29	6.43	128235
		4	6.72	6.65	6.79	157045
		5	6.91	6.84	6.98	170440
Aroclor-1254	0.4000	1	6.30	6.23	6.37	132555
		2	7.38	7.31	7.45	246143
		3	7.68	7.61	7.75	250153
		4	9.02	8.95	9.09	161870
		5	9.58	9.51	9.65	330570
Aroclor-1262	0.4000	1	9.02	8.95	9.09	217815
		2	10.55	10.48	10.62	405193
		3	11.76	11.69	11.83	99745
		4	12.01	11.94	12.07	210885
		5	12.51	12.44	12.58	80723
Aroclor-1268	0.4000	1	10.17	10.10	10.24	184065
		2	11.10	11.03	11.17	544193
		3	11.18	11.11	11.24	621735
		4	11.56	11.49	11.63	491360
		5	12.50	12.43	12.57	1217618

1 At least three peaks for each column are required for identification of multicomponent analytes.

7N - FORM VII ARO
AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

GC Column: RTX-CLPest ID: 0.32 (mm) Init. Calib. Date(s): 10/20/2008 10/20/2008

EPA Sample No. (AR####3##): CCAL01 Date Analyzed: 10/20/2008

Lab Sample ID: 1660 400 CCV01 Time Analyzed: 16:47

EPA Sample No. (AR####3##): CCAL01 Date Analyzed: 10/20/2008

Lab Sample ID: 1660 400 CCV01 Time Analyzed: 16:47

AROCLOR COMPOUND	PEAK	RETENTION RT	RT WINDOW FROM	RT WINDOW TO	$\overline{CF}$	CF	%D
Tetrachloro-m-xylene		4.11	4.06	4.16	2806805	2865200	2.1
Decachlorobiphenyl		12.96	12.87	13.07	4757333	5110875	7.4

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7N - FORM VII ARO
AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

GC Column: RTX-CLPest ID: 0.32 (mm) Init. Calib. Date(s): 10/20/2008 10/20/2008

EPA Sample No. (AR####3##): 1660 400 CCV01 Date Analyzed: 10/20/2008

Lab Sample ID: 1660 400 CCV01 Time Analyzed: 16:47

EPA Sample No. (AR####3##): 1660 400 CCV01 Date Analyzed: 10/20/2008

Lab Sample ID: 1660 400 CCV01 Time Analyzed: 16:47

AROCLOR COMPOUND	PEAK	RETENTION	RT WINDOW		$\overline{CF}$	CF	%D
		RT	FROM	TO			
Tetrachloro-m-xylene		3.60	3.55	3.65	3525495	3870650	9.8
Decachlorobiphenyl		12.90	12.81	13.01	4897174	5064975	3.4

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7N - FORM VII ARO
AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

GC Column: RTX-CLPest ID: 0.32 (mm) Init. Calib. Date(s): 10/20/2008 10/20/2008

EPA Sample No. (AR####3##): CCAL02 Date Analyzed: 10/20/2008

Lab Sample ID: 1660 400 CCV02 Time Analyzed: 22:06

EPA Sample No. (AR####3##): CCAL02 Date Analyzed: 10/20/2008

Lab Sample ID: 1660 400 CCV02 Time Analyzed: 22:06

AROCLOR COMPOUND	PEAK	RETENTION RT	RT WINDOW FROM	RT WINDOW TO	$\overline{CF}$	CF	%D
Aroclor-1016	1	5.31	5.24	5.38	155153	141838	-8.6
	2	5.64	5.57	5.71	83698	81148	-3.0
	3	6.30	6.24	6.38	86548	82775	-4.4
	4	6.40	6.34	6.48	42840	41333	-3.5
	5	6.95	6.89	7.03	107811	99185	-8.0
Aroclor-1260	1	8.89	8.83	8.97	195326	178493	-8.6
	2	9.77	9.71	9.85	218559	205590	-5.9
	3	9.94	9.88	10.02	133435	124558	-6.7
	4	10.33	10.27	10.41	141677	130358	-8.0
	5	10.81	10.75	10.89	348441	317140	-9.0
Aroclor-1248	1						
	2						
	3						
	4						
	5						
Aroclor-1254	1						
	2						
	3						
	4						
	5						
Tetrachloro-m-xylene		4.11	4.06	4.16	2806805	2618850	-6.7
Decachlorobiphenyl		12.96	12.87	13.07	4757333	4325500	-9.1
Aroclor-1221	1						
	2						
	3						

7N - FORM VII ARO
AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: Chemtech **Contract:** Dewberry

Lab Code: CTECH **Case No.:** Z4932 **Mod. Ref No.:** Z4932 **SDG No.:** Z4932

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7N - FORM VII ARO
AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

GC Column: RTX-CLPest ID: 0.32 (mm) Init. Calib. Date(s): 10/20/2008 10/20/2008

EPA Sample No. (AR####3##): 1660 400 CCV02 Date Analyzed: 10/20/2008

Lab Sample ID: 1660 400 CCV02 Time Analyzed: 22:06

EPA Sample No. (AR####3##): 1660 400 CCV02 Date Analyzed: 10/20/2008

Lab Sample ID: 1660 400 CCV02 Time Analyzed: 22:06

AROCLOR COMPOUND	PEAK	RETENTION RT	RT WINDOW FROM	RT WINDOW TO	$\overline{CF}$	CF	%D
Aroclor-1016	1	5.04	4.97	5.11	179196	169335	-5.5
	2	5.76	5.70	5.84	292292	279330	-4.4
	3	5.98	5.91	6.05	130442	119585	-8.3
	4	6.72	6.66	6.80	102397	95165	-7.1
	5	6.91	6.85	6.99	118978	109238	-8.2
Aroclor-1260	1	8.70	8.63	8.77	218942	210060	-4.1
	2	9.02	8.96	9.10	245156	232368	-5.2
	3	9.71	9.65	9.79	204122	191900	-6.0
	4	10.17	10.10	10.24	185180	182695	-1.3
	5	10.55	10.49	10.63	329913	323468	-2.0
Aroclor-1248	1						
	2						
	3						
	4						
	5						
Aroclor-1254	1						
	2						
	3						
	4						
	5						
Tetrachloro-m-xylene		3.60	3.55	3.65	3525495	3278100	-7.0
Decachlorobiphenyl		12.90	12.81	13.01	4897174	4459475	-8.9
Aroclor-1221	1						
	2						
	3						

7N - FORM VII ARO
AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: Chemtech **Contract:** Dewberry

Lab Code: CTECH **Case No.:** Z4932 **Mod. Ref No.:** Z4932 **SDG No.:** Z4932

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7N - FORM VII ARO
AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

GC Column: RTX-CLPest ID: 0.32 (mm) Init. Calib. Date(s): 10/20/2008 10/20/2008

EPA Sample No. (AR####3##): CCAL03 Date Analyzed: 10/22/2008

Lab Sample ID: 1660 400 CCV03 Time Analyzed: 18:43

EPA Sample No. (AR####3##): CCAL03 Date Analyzed: 10/22/2008

Lab Sample ID: 1660 400 CCV03 Time Analyzed: 18:43

AROCLOR COMPOUND	PEAK	RETENTION RT	RT WINDOW FROM	RT WINDOW TO	$\overline{CF}$	CF	%D
Aroclor-1016	1	5.30	5.24	5.38	155153	172963	11.5
	2	5.64	5.57	5.71	83698	89010	6.3
	3	6.30	6.24	6.38	86548	96125	11.1
	4	6.40	6.34	6.48	42840	47315	10.4
	5	6.95	6.89	7.03	107811	118098	9.5
Aroclor-1260	1	8.89	8.83	8.97	195326	215060	10.1
	2	9.77	9.71	9.85	218559	239395	9.5
	3	9.94	9.88	10.02	133435	147443	10.5
	4	10.33	10.27	10.41	141677	154530	9.1
	5	10.81	10.75	10.89	348441	383135	10.0
Aroclor-1248	1						
	2						
	3						
	4						
	5						
Aroclor-1254	1						
	2						
	3						
	4						
	5						
Tetrachloro-m-xylene		4.11	4.06	4.16	2806805	2604550	-7.2
Decachlorobiphenyl		12.95	12.87	13.07	4757333	4192025	-11.9
Aroclor-1221	1						
	2						
	3						

7N - FORM VII ARO
AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: Chemtech **Contract:** Dewberry

Lab Code: CTECH **Case No.:** Z4932 **Mod. Ref No.:** Z4932 **SDG No.:** Z4932

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7N - FORM VII ARO
AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

GC Column: RTX-CLPest ID: 0.32 (mm) Init. Calib. Date(s): 10/20/2008 10/20/2008

EPA Sample No. (AR####3##): 1660 400 CCV03 Date Analyzed: 10/22/2008

Lab Sample ID: 1660 400 CCV03 Time Analyzed: 18:43

EPA Sample No. (AR####3##): 1660 400 CCV03 Date Analyzed: 10/22/2008

Lab Sample ID: 1660 400 CCV03 Time Analyzed: 18:43

AROCLOR COMPOUND	PEAK	RETENTION RT	RT WINDOW FROM	RT WINDOW TO	$\overline{CF}$	CF	%D
Aroclor-1016	1	5.04	4.97	5.11	179196	200940	12.1
	2	5.76	5.70	5.84	292292	322913	10.5
	3	5.98	5.91	6.05	130442	147658	13.2
	4	6.72	6.66	6.80	102397	112445	9.8
	5	6.91	6.85	6.99	118978	131260	10.3
Aroclor-1260	1	8.69	8.63	8.77	218942	243488	11.2
	2	9.02	8.96	9.10	245156	276708	12.9
	3	9.71	9.65	9.79	204122	228603	12.0
	4	10.17	10.10	10.24	185180	213533	15.3
	5	10.55	10.49	10.63	329913	381983	15.8
Aroclor-1248	1						
	2						
	3						
	4						
	5						
Aroclor-1254	1						
	2						
	3						
	4						
	5						
Tetrachloro-m-xylene		3.60	3.55	3.65	3525495	3281500	-6.9
Decachlorobiphenyl		12.90	12.81	13.01	4897174	4363425	-10.9
Aroclor-1221	1						
	2						
	3						

7N - FORM VII ARO
AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: Chemtech **Contract:** Dewberry

Lab Code: CTECH **Case No.:** Z4932 **Mod. Ref No.:** Z4932 **SDG No.:** Z4932

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7N - FORM VII ARO
AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

GC Column: RTX-CLPest ID: 0.32 (mm) Init. Calib. Date(s): 10/20/2008 10/20/2008

EPA Sample No. (AR####3##): CCAL04 Date Analyzed: 10/22/2008

Lab Sample ID: 1660 400 CCV04 Time Analyzed: 22:08

EPA Sample No. (AR####3##): CCAL04 Date Analyzed: 10/22/2008

Lab Sample ID: 1660 400 CCV04 Time Analyzed: 22:08

AROCLOR COMPOUND	PEAK	RETENTION RT	RT WINDOW FROM	RT WINDOW TO	$\overline{CF}$	CF	%D
Aroclor-1016	1	5.30	5.24	5.38	155153	171468	10.5
	2	5.64	5.57	5.71	83698	88545	5.8
	3	6.30	6.24	6.38	86548	96255	11.2
	4	6.40	6.34	6.48	42840	47525	10.9
	5	6.95	6.89	7.03	107811	117723	9.2
Aroclor-1260	1	8.89	8.83	8.97	195326	212680	8.9
	2	9.77	9.71	9.85	218559	236738	8.3
	3	9.94	9.88	10.02	133435	146453	9.8
	4	10.33	10.27	10.41	141677	153620	8.4
	5	10.81	10.75	10.89	348441	378965	8.8
Aroclor-1248	1						
	2						
	3						
	4						
	5						
Aroclor-1254	1						
	2						
	3						
	4						
	5						
Tetrachloro-m-xylene		4.11	4.06	4.16	2806805	2600950	-7.3
Decachlorobiphenyl		12.96	12.87	13.07	4757333	4114825	-13.5
Aroclor-1221	1						
	2						
	3						

7N - FORM VII ARO
AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: Chemtech **Contract:** Dewberry

Lab Code: CTECH **Case No.:** Z4932 **Mod. Ref No.:** Z4932 **SDG No.:** Z4932

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7N - FORM VII ARO
AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

GC Column: RTX-CLPest ID: 0.32 (mm) Init. Calib. Date(s): 10/20/2008 10/20/2008

EPA Sample No. (AR####3##): 1660 400 CCV04 Date Analyzed: 10/22/2008

Lab Sample ID: 1660 400 CCV04 Time Analyzed: 22:08

EPA Sample No. (AR####3##): 1660 400 CCV04 Date Analyzed: 10/22/2008

Lab Sample ID: 1660 400 CCV04 Time Analyzed: 22:08

AROCLOR COMPOUND	PEAK	RETENTION RT	RT WINDOW FROM	RT WINDOW TO	$\overline{CF}$	CF	%D
Aroclor-1016	1	5.04	4.97	5.11	179196	200388	11.8
	2	5.76	5.70	5.84	292292	321220	9.9
	3	5.98	5.91	6.05	130442	147405	13.0
	4	6.72	6.66	6.80	102397	112598	10.0
	5	6.91	6.85	6.99	118978	130935	10.0
Aroclor-1260	1	8.70	8.63	8.77	218942	241868	10.5
	2	9.02	8.96	9.10	245156	275330	12.3
	3	9.71	9.65	9.79	204122	226738	11.1
	4	10.17	10.10	10.24	185180	210610	13.7
	5	10.55	10.49	10.63	329913	374290	13.5
Aroclor-1248	1						
	2						
	3						
	4						
	5						
Aroclor-1254	1						
	2						
	3						
	4						
	5						
Tetrachloro-m-xylene		3.60	3.55	3.65	3525495	3268500	-7.3
Decachlorobiphenyl		12.90	12.81	13.01	4897174	4329075	-11.6
Aroclor-1221	1						
	2						
	3						

7N - FORM VII ARO
AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: Chemtech **Contract:** Dewberry

Lab Code: CTECH **Case No.:** Z4932 **Mod. Ref No.:** Z4932 **SDG No.:** Z4932

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

8H - FORM VIII ARO
AROCLOR ANALYTICAL SEQUENCE

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

GC Column: RTX-CLPes t ID: 0.32 (mm) Init. Calib. Date(s): 10/20/2008 10/20/2008

Instrument ID: ECD5

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs, and LCSs IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 4.11 DCB: 12.97

	CLIENT SAMPLE NO.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	PIBLK01	P5022952.D	10/20/2008	11:18	4.11	12.97
02	1660 100 PPB	P5022953.D	10/20/2008	11:35	4.11	12.98
03	1660 200 PPB	P5022954.D	10/20/2008	11:52	4.11	12.97
04	1660 400 PPB	P5022955.D	10/20/2008	12:09	4.11	12.97
05	1660 800 PPB	P5022956.D	10/20/2008	12:26	4.11	12.97
06	1660 1600 PPB	P5022957.D	10/20/2008	12:44	4.11	12.97
07	1221 400 PPB	P5022958.D	10/20/2008	14:29	4.11	12.96
08	1232 400 PPB	P5022959.D	10/20/2008	14:46	4.11	12.96
09	1242 400 PPB	P5022960.D	10/20/2008	15:03	4.11	12.96
10	1248 400 PPB	P5022961.D	10/20/2008	15:21	4.11	12.96
11	1254 400 PPB	P5022962.D	10/20/2008	15:38	4.11	12.96
12	1262 400 PPB	P5022963.D	10/20/2008	15:55	4.11	12.96
13	1268 400 PPB	P5022964.D	10/20/2008	16:12	4.11	12.96
14	PIBLK02	P5022965.D	10/20/2008	16:29	4.11	12.96
15	CCAL01	P5022966.D	10/20/2008	16:47	4.11	12.96
16	PB37221BL	P5022967.D	10/20/2008	17:21	4.11	12.96
17	PB37221BS	P5022968.D	10/20/2008	17:38	4.11	12.96
18	DUP	P5022969.D	10/20/2008	18:33	4.11	12.96
19	SED1	P5022970.D	10/20/2008	18:54	4.11	12.96
20	SED2	P5022971.D	10/20/2008	19:12	4.11	12.95
21	SED3	P5022972.D	10/20/2008	19:29	4.11	12.95
22	SED4	P5022973.D	10/20/2008	19:46	4.11	12.95
23	SED5	P5022974.D	10/20/2008	20:03	4.11	12.95
24	SED6	P5022975.D	10/20/2008	20:21	4.11	12.96

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag RT values with an asterisk.

8H - FORM VIII ARO
AROCLOR ANALYTICAL SEQUENCE

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

GC Column: RTX-CLPest ID: 0.32 (mm) Init. Calib. Date(s): 10/20/2008 10/20/2008

Instrument ID: ECD5

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs, and LCSs IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 4.11 DCB: 12.97

	CLIENT SAMPLE NO.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
25	SED7	P5022976.D	10/20/2008	20:38	4.11	12.96
26	SED8	P5022977.D	10/20/2008	20:57	4.11	12.96
27	SED1MS	P5022978.D	10/20/2008	21:14	4.11	12.96
28	SED1MSD	P5022979.D	10/20/2008	21:32	4.11	12.96
29	PIBLK03	P5022980.D	10/20/2008	21:49	4.11	12.96
30	CCAL02	P5022981.D	10/20/2008	22:06	4.11	12.96
31	PIBLK04	P5023034.D	10/22/2008	18:26	4.11	12.96
32	CCAL03	P5023035.D	10/22/2008	18:43	4.11	12.95
33	PB37175BL	P5023038.D	10/22/2008	19:34	4.11	12.95
34	PB37175BS	P5023039.D	10/22/2008	19:51	4.11	12.95
35	FIELDBLANK	P5023044.D	10/22/2008	21:17	4.11	12.95
36	RINSATEBLANK	P5023045.D	10/22/2008	21:34	4.11	12.95
37	PIBLK05	P5023046.D	10/22/2008	21:51	4.11	12.96
38	CCAL04	P5023047.D	10/22/2008	22:08	4.11	12.96

	QC LIMITS
TCX = Tetrachloro-m-xylene	(+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl	(+/- 0.10 MINUTES)

Column used to flag RT values with an asterisk.

8H - FORM VIII ARO
AROCLOR ANALYTICAL SEQUENCE

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

GC Column: RTX-CLPest II ID: 0.32 (mm) Init. Calib. Date(s): 10/20/2008 10/20/2008

Instrument ID: ECD5

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs, and LCSs IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 3.60 DCB: 12.91

	CLIENT SAMPLE NO.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	I.BLK01	P5022952.D-2	10/20/2008	11:18	3.60	12.91
02	1660 100 PPB	P5022953.D-2	10/20/2008	11:35	3.60	12.91
03	1660 200 PPB	P5022954.D-2	10/20/2008	11:52	3.60	12.91
04	1660 400 PPB	P5022955.D-2	10/20/2008	12:09	3.60	12.91
05	1660 800 PPB	P5022956.D-2	10/20/2008	12:26	3.60	12.91
06	1660 1600 PPB	P5022957.D-2	10/20/2008	12:44	3.60	12.91
07	1221 400 PPB	P5022958.D-2	10/20/2008	14:29	3.60	12.90
08	1232 400 PPB	P5022959.D-2	10/20/2008	14:46	3.60	12.90
09	1242 400 PPB	P5022960.D-2	10/20/2008	15:03	3.60	12.90
10	1248 400 PPB	P5022961.D-2	10/20/2008	15:21	3.60	12.90
11	1254 400 PPB	P5022962.D-2	10/20/2008	15:38	3.60	12.90
12	1262 400 PPB	P5022963.D-2	10/20/2008	15:55	3.60	12.90
13	1268 400 PPB	P5022964.D-2	10/20/2008	16:12	3.60	12.90
14	I.BLK02	P5022965.D-2	10/20/2008	16:29	3.60	12.90
15	1660 400 CCV0	P5022966.D-2	10/20/2008	16:47	3.60	12.90
16	PB37221BL	P5022967.D-2	10/20/2008	17:21	3.60	12.90
17	PB37221BS	P5022968.D-2	10/20/2008	17:38	3.60	12.90
18	Z4932-04	P5022969.D-2	10/20/2008	18:33	3.60	12.90
19	Z4932-05	P5022970.D-2	10/20/2008	18:54	3.60	12.90
20	Z4932-08	P5022971.D-2	10/20/2008	19:12	3.60	12.90
21	Z4932-09	P5022972.D-2	10/20/2008	19:29	3.60	12.90
22	Z4932-10	P5022973.D-2	10/20/2008	19:46	3.60	12.90
23	Z4932-11	P5022974.D-2	10/20/2008	20:03	3.60	12.90
24	Z4932-12	P5022975.D-2	10/20/2008	20:21	3.60	12.90

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag RT values with an asterisk.

8H - FORM VIII ARO
AROCLOR ANALYTICAL SEQUENCE

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

GC Column: RTX-CLPes t II ID: 0.32 (mm) Init. Calib. Date(s): 10/20/2008 10/20/2008

Instrument ID: ECD5

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs, and LCSs IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 3.60 DCB: 12.91

	CLIENT SAMPLE NO.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
25	Z4932-13	P5022976.D-2	10/20/2008	20:38	3.60	12.90
26	Z4932-14	P5022977.D-2	10/20/2008	20:57	3.60	12.90
27	Z4932-06MS	P5022978.D-2	10/20/2008	21:14	3.60	12.90
28	Z4932-07MSD	P5022979.D-2	10/20/2008	21:32	3.60	12.90
29	I.BLK03	P5022980.D-2	10/20/2008	21:49	3.60	12.90
30	1660 400 CCV0	P5022981.D-2	10/20/2008	22:06	3.60	12.90
31	I.BLK03	P5023034.D-2	10/22/2008	18:26	3.60	12.90
32	1660 400 CCV0	P5023035.D-2	10/22/2008	18:43	3.60	12.90
33	PB37175BL	P5023038.D-2	10/22/2008	19:34	3.60	12.90
34	PB37175BS	P5023039.D-2	10/22/2008	19:51	3.60	12.90
35	Z4932-02	P5023044.D-2	10/22/2008	21:17	3.60	12.90
36	Z4932-03	P5023045.D-2	10/22/2008	21:34	3.60	12.90
37	I.BLK04	P5023046.D-2	10/22/2008	21:51	3.60	12.90
38	1660 400 CCV0	P5023047.D-2	10/22/2008	22:08	3.60	12.90

	QC LIMITS
TCX = Tetrachloro-m-xylene	(+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl	(+/- 0.10 MINUTES)

Column used to flag RT values with an asterisk.

8H - FORM VIII ARO
AROCLOR ANALYTICAL SEQUENCE

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

	QC LIMITS
TCX = Tetrachloro-m-xylene	(+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl	(+/- 0.10 MINUTES)

Column used to flag RT values with an asterisk.

10C - FORM X ARO
IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

PB37175BS

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

Lab Sample ID: PB37175BS Date(s) Analyzed: 10/22/2008 10/22/2008

Instrument ID (1): ECD5 Instrument ID (2): ECD5

GC Column: (1) RTX-CLPest ID: 0.32 (mm) GC Column:(2) RTX-CLPest ID: 0.32 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION PEAK	CONCENTRATION MEAN	%D
Aroclor-1016 COLUMN 1	1	5.31	5.24	5.38	1.20		
	2	5.64	5.57	5.71	1.00		
	3	6.31	6.24	6.38	1.00		
	4	6.40	6.34	6.48	0.98		
	5	6.95	6.89	7.03	1.10	1.10	
COLUMN 2	1	5.04	4.97	5.11	1.20		
	2	5.76	5.70	5.84	1.30		
	3	5.98	5.91	6.05	1.20		
	4	6.72	6.66	6.80	1.20		
	5	6.91	6.85	6.99	1.10	1.20	9.10
Aroclor-1260 COLUMN 1	1	8.89	8.83	8.97	1.20		
	2	9.77	9.71	9.85	1.10		
	3	9.94	9.88	10.02	1.20		
	4	10.33	10.27	10.41	1.10		
	5	10.81	10.75	10.89	1.20	1.20	
COLUMN 2	1	8.70	8.63	8.77	1.30		
	2	9.02	8.96	9.10	1.50		
	3	9.71	9.65	9.79	1.20		
	4	10.17	10.10	10.24	1.40		
	5	10.55	10.49	10.63	1.40	1.40	16.70

At least three peaks for each column are required for identification of multicomponent analytes.

10C - FORM X ARO
IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

PB37221BS

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

Lab Sample ID: PB37221BS Date(s) Analyzed: 10/20/2008 10/20/2008

Instrument ID (1): ECD5 Instrument ID (2): ECD5

GC Column: (1) RTX-CLPest ID: 0.32 (mm) GC Column:(2) RTX-CLPest ID: 0.32 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION PEAK	CONCENTRATION MEAN	%D
Aroclor-1016 COLUMN 1	1	5.31	5.24	5.38	38.00		
	2	5.64	5.57	5.71	35.00		
	3	6.30	6.24	6.38	39.00		
	4	6.40	6.34	6.48	48.00		
	5	6.96	6.89	7.03	35.00	39.00	
COLUMN 2	1	5.04	4.97	5.11	42.00		
	2	5.76	5.70	5.84	44.00		
	3	5.98	5.91	6.05	41.00		
	4	6.72	6.66	6.80	42.00		
	5	6.91	6.85	6.99	42.00	42.00	7.70
Aroclor-1260 COLUMN 1	1	8.89	8.83	8.97	40.00		
	2	9.78	9.71	9.85	39.00		
	3	9.95	9.88	10.02	41.00		
	4	10.33	10.27	10.41	35.00		
	5	10.81	10.75	10.89	42.00	39.00	
COLUMN 2	1	8.70	8.63	8.77	46.00		
	2	9.02	8.96	9.10	47.00		
	3	9.71	9.65	9.79	47.00		
	4	10.17	10.10	10.24	40.00		
	5	10.55	10.49	10.63	49.00	46.00	17.90

At least three peaks for each column are required for identification of multicomponent analytes.

10C - FORM X ARO
IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SED1MS

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

Lab Sample ID: Z4932-06MS Date(s) Analyzed: 10/20/2008 10/20/2008

Instrument ID (1): ECD5 Instrument ID (2): ECD5

GC Column: (1) RTX-CLPest ID: 0.32 (mm) GC Column:(2) RTX-CLPest ID: 0.32 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION PEAK	CONCENTRATION MEAN	%D
Aroclor-1016 COLUMN 1	1	5.31	5.24	5.38	80.00		
	2	5.64	5.57	5.71	70.00		
	3	6.30	6.24	6.38	73.00		
	4	6.40	6.34	6.48	72.00		
	5	6.95	6.89	7.03	68.00	73.00	
COLUMN 2	1	5.04	4.97	5.11	96.00		
	2	5.76	5.70	5.84	86.00		
	3	5.98	5.91	6.05	67.00		
	4	6.72	6.66	6.80	80.00		
	5	6.91	6.85	6.99	72.00	80.00	9.60
Aroclor-1260 COLUMN 1	1	8.89	8.83	8.97	63.00		
	2	9.77	9.71	9.85	63.00		
	3	9.94	9.88	10.02	56.00		
	4	10.33	10.27	10.41	47.00		
	5	10.81	10.75	10.89	54.00	57.00	
COLUMN 2	1	8.70	8.63	8.77	73.00		
	2	9.02	8.96	9.10	80.00		
	3	9.71	9.65	9.79	66.00		
	4	10.17	10.10	10.24	68.00		
	5	10.55	10.49	10.63	69.00	71.00	24.60

At least three peaks for each column are required for identification of multicomponent analytes.

10C - FORM X ARO
IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SED1MSD

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

Lab Sample ID: Z4932-07MSD Date(s) Analyzed: 10/20/2008 10/20/2008

Instrument ID (1): ECD5 Instrument ID (2): ECD5

GC Column: (1) RTX-CLPest ID: 0.32 (mm) GC Column:(2) RTX-CLPest ID: 0.32 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION PEAK	CONCENTRATION MEAN	%D
Aroclor-1016 COLUMN 1	1	5.31	5.24	5.38	79.00		
	2	5.64	5.57	5.71	72.00		
	3	6.29	6.24	6.38	68.00		
	4	6.40	6.34	6.48	75.00		
	5	6.95	6.89	7.03	67.00	72.00	
COLUMN 2	1	5.04	4.97	5.11	91.00		
	2	5.76	5.70	5.84	86.00		
	3	5.98	5.91	6.05	75.00		
	4	6.72	6.66	6.80	77.00		
	5	6.91	6.85	6.99	72.00	80.00	11.10
Aroclor-1260 COLUMN 1	1	8.89	8.83	8.97	68.00		
	2	9.80	9.71	9.85	80.00		
	3	9.94	9.88	10.02	58.00		
	4	10.33	10.27	10.41	43.00		
	5	10.81	10.75	10.89	57.00	61.00	
COLUMN 2	1	8.70	8.63	8.77	73.00		
	2	9.02	8.96	9.10	86.00		
	3	9.71	9.65	9.79	63.00		
	4	10.17	10.10	10.24	64.00		
	5	10.55	10.49	10.63	67.00	70.00	14.80

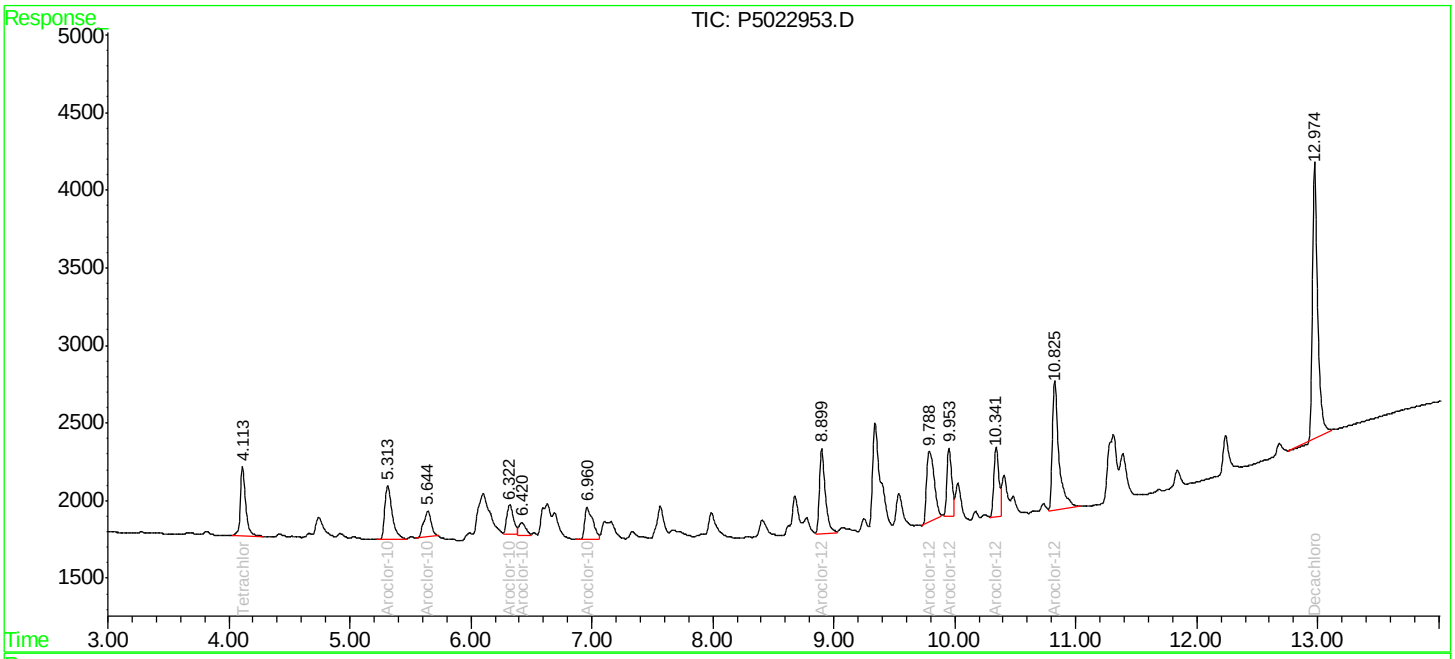
At least three peaks for each column are required for identification of multicomponent analytes.

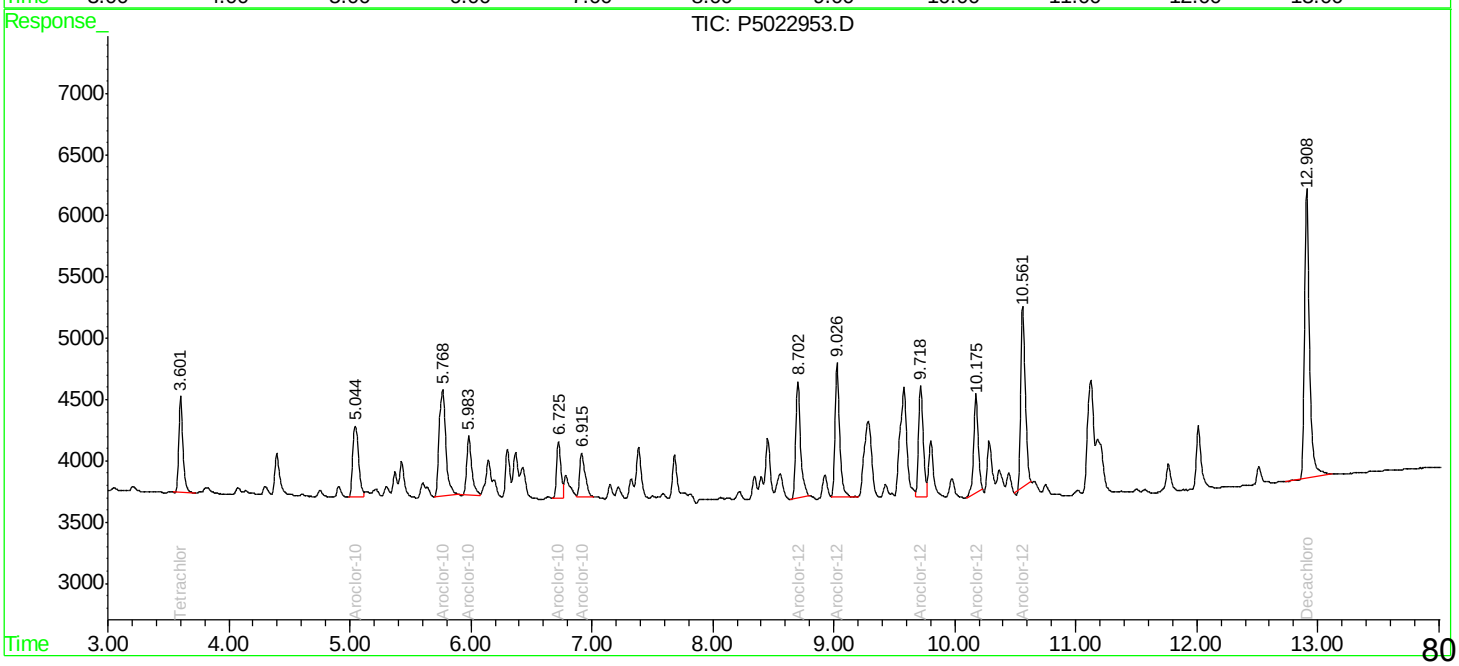
Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022953.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 11:35
Operator : UA
Sample : 1660 100 PPB
Misc : AR1660101
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 12:53:29 2008
Quant Method : S:\HPCHEM1\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm



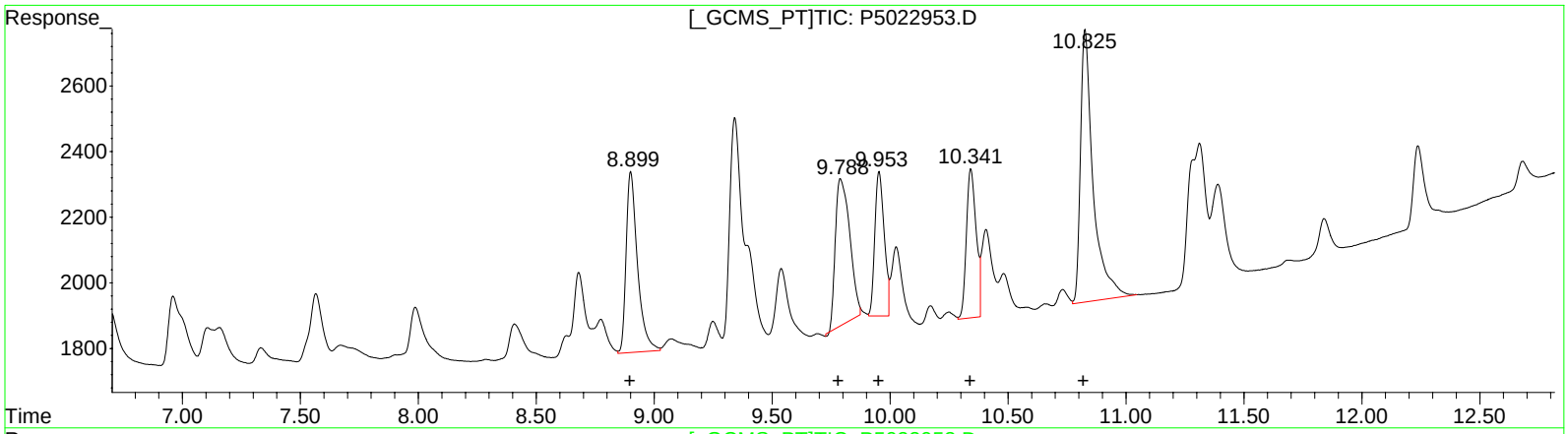


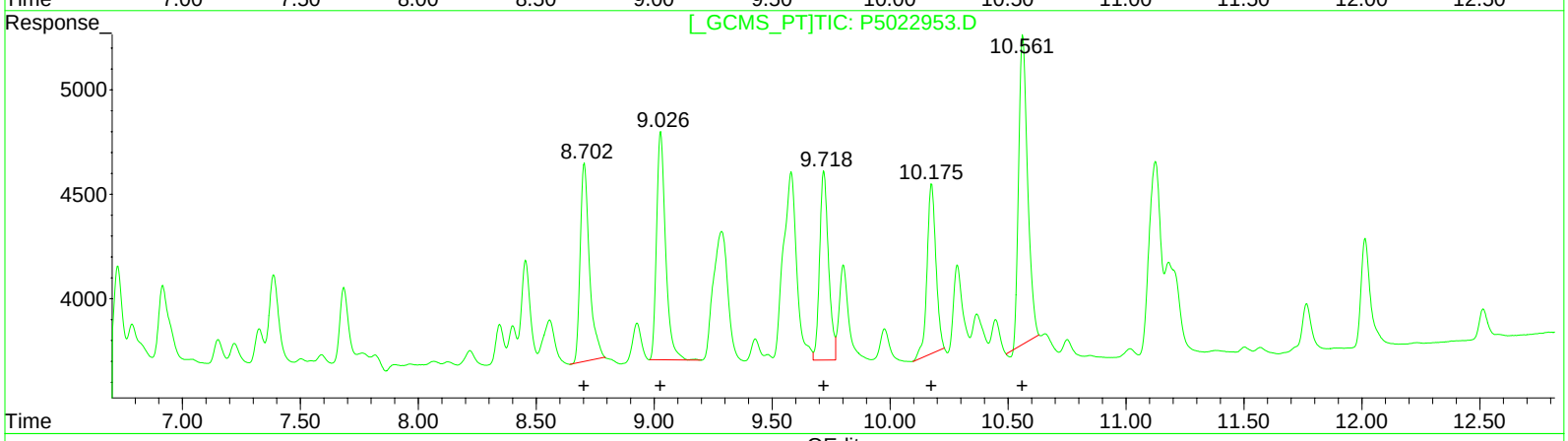
Quantitation Report (Qedit)

Data Path : S:\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022953.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 11:35
Operator : UA
Sample : 1660 100 PPB
Misc : AR1660101
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 12:50:18 2008
Quant Method : S:\HPCHEM1\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





QEdit

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
8.90	18442	96.43
9.79	18954	86.78
9.95	12209	91.30
10.34	12949	93.66
10.83	31064	97.17

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
8.70	25898	110.32
9.03	29121	120.58
9.72	23733	114.56
10.18	21388	110.07
10.56	39016	114.03

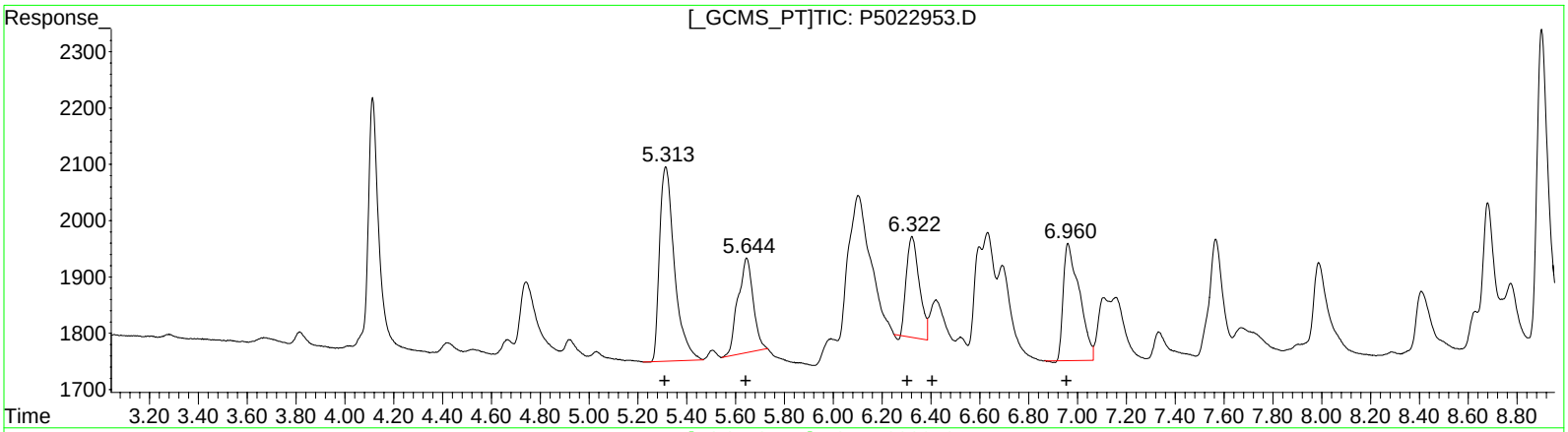
(+) = Expected Retention Time

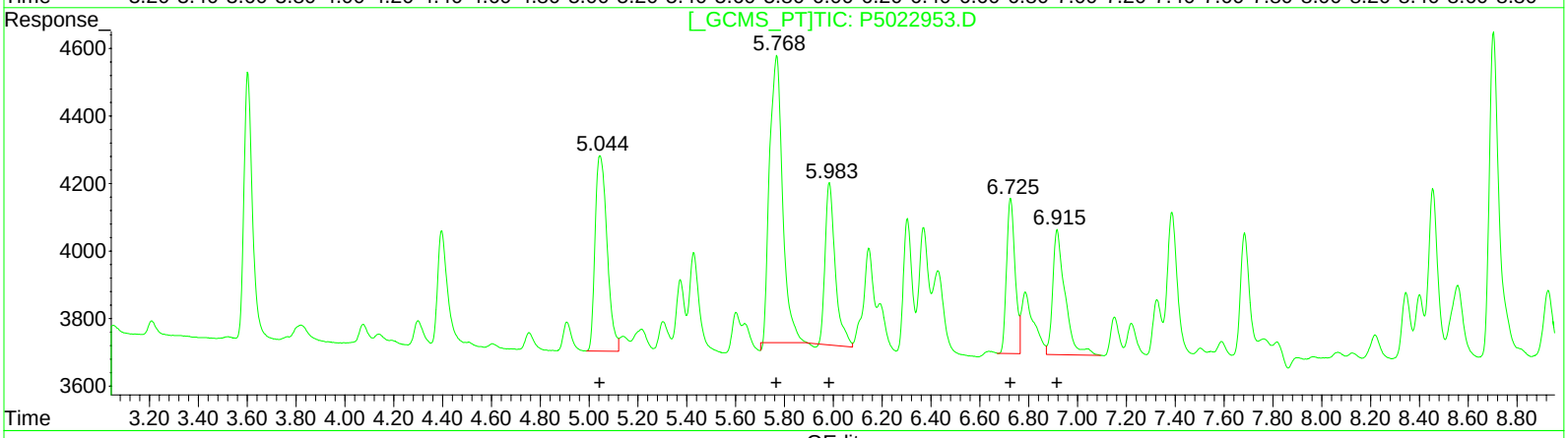
Quantitation Report (Qedit)

Data Path : S:\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022953.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 11:35
Operator : UA
Sample : 1660 100 PPB
Misc : AR1660101
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 12:50:18 2008
Quant Method : S:\HPCHEM1\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





QEdit

(3) Aroclor-1016-1 (L1)

R.T.	Response	Conc
5.31	14600	97.35
5.65	7252	83.16
6.32	6550	71.99
0.00	0	0.00
6.96	9460	89.49

(3) Aroclor-1016-1 #2 (L1)

R.T.	Response	Conc
5.05	19803	110.47
5.77	32792	112.19
5.98	13895	103.13
6.73	11141	109.59
6.92	12958	110.83

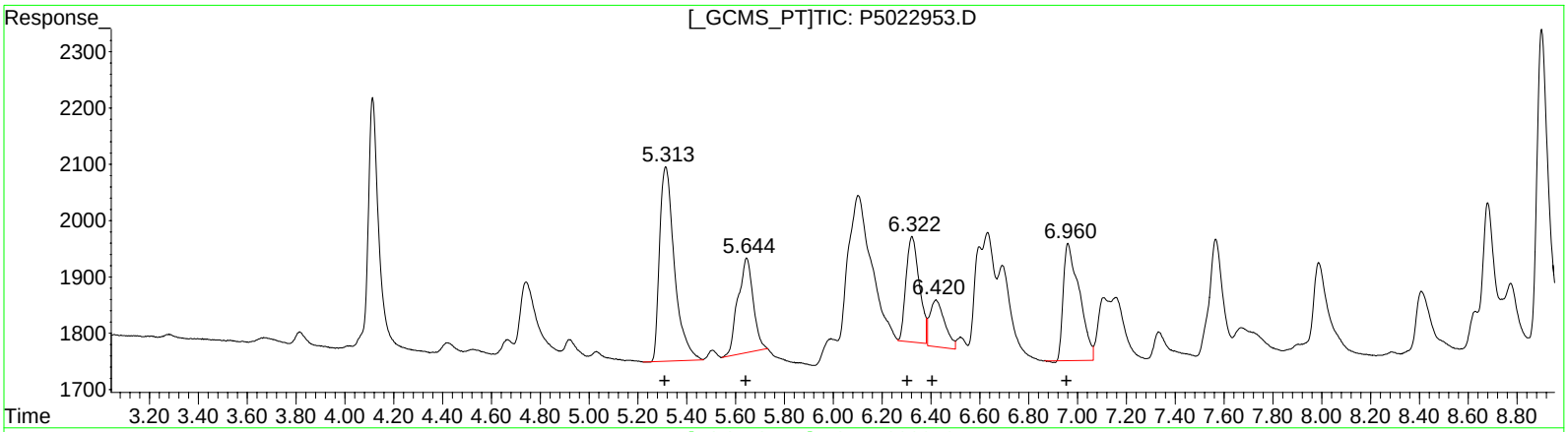
(+) = Expected Retention Time

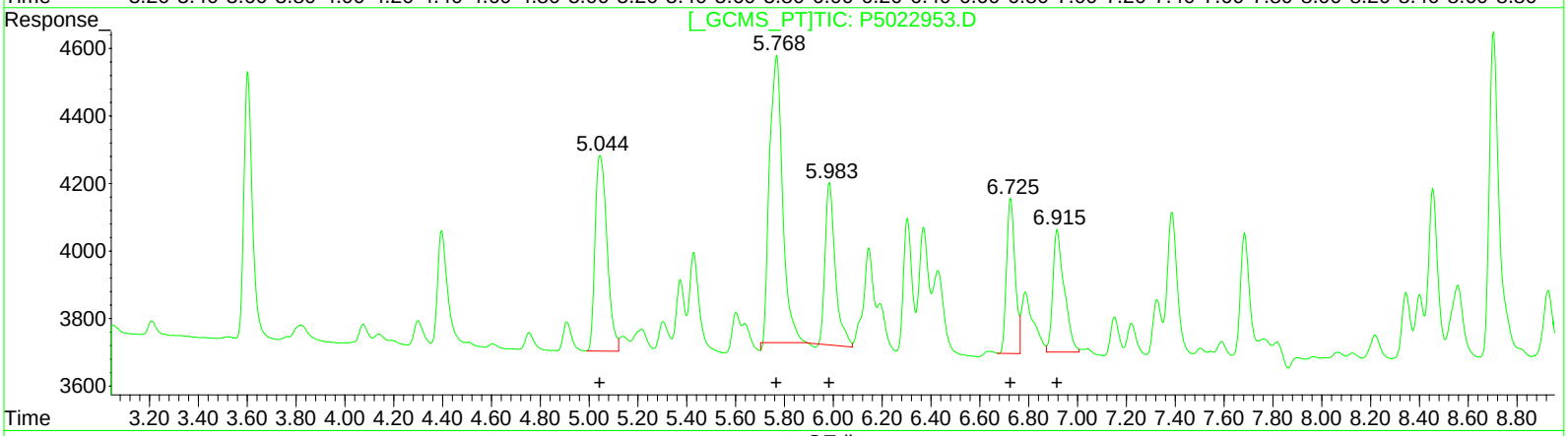
Quantitation Report (Qedit)

Data Path : S:\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022953.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 11:35
Operator : UA
Sample : 1660 100 PPB
Misc : AR1660101
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 12:50:18 2008
Quant Method : S:\HPCHEM1\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





QEdit

(3) Aroclor-1016-1 #2 (L1)

R.T.	Response	Conc
5.31	14600	97.35
5.65	7252	83.16
6.32	7125	78.30
6.42	3473	78.89
6.96	9460	89.49

(3) Aroclor-1016-1 #2 (L1)

R.T.	Response	Conc
5.05	19803	110.47
5.77	32792	112.19
5.98	13895	103.13
6.73	11141	109.59
6.92	11704	100.11

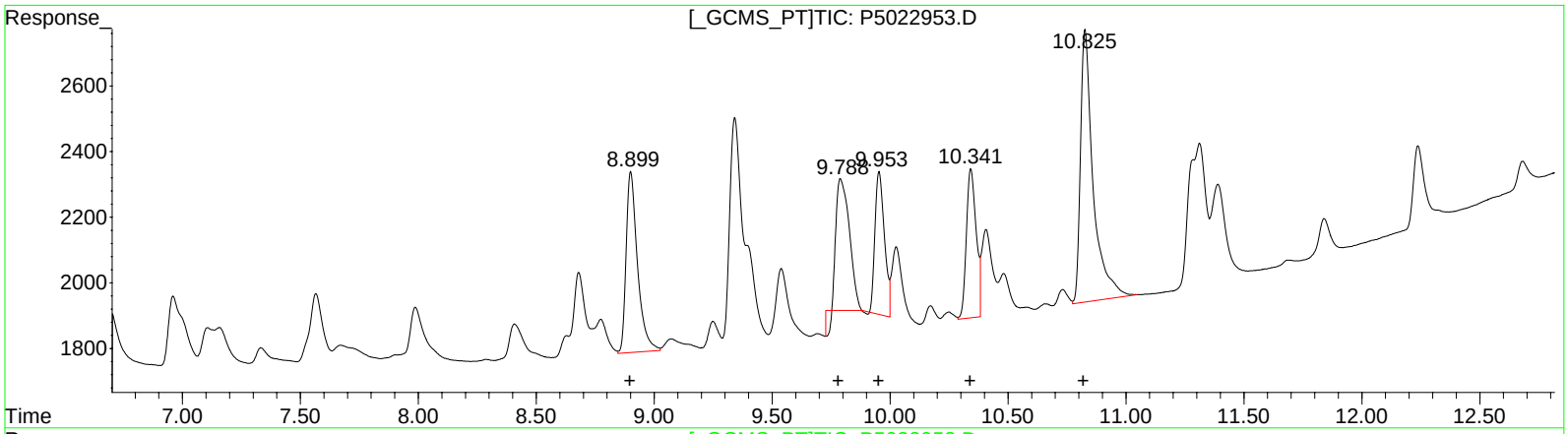
(+) = Expected Retention Time

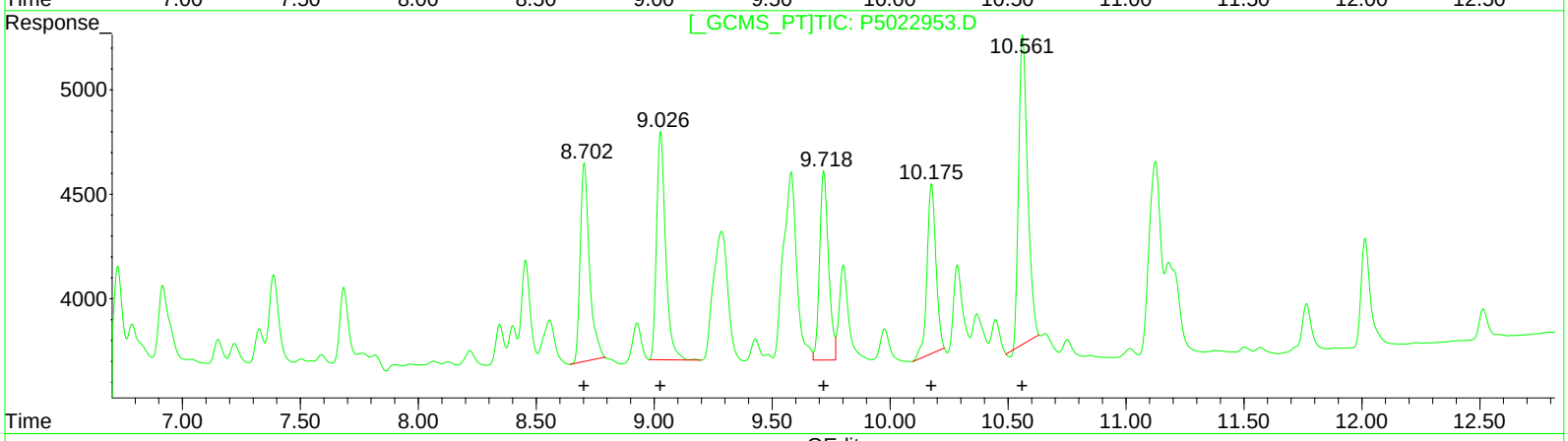
Quantitation Report (Qedit)

Data Path : S:\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022953.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 11:35
Operator : UA
Sample : 1660 100 PPB
Misc : AR1660101
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 12:50:18 2008
Quant Method : S:\HPCHEM1\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





QEdit

(31) Aroclor-1260-1 (L7)

R.T.	Response	Conc
8.90	18442	96.43
9.79	18989	86.94
9.95	12033	89.98
10.34	12949	93.66
10.83	31064	97.17

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
8.70	25898	110.32
9.03	29121	120.58
9.72	23733	114.56
10.18	21388	110.07
10.56	39016	114.03

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022953.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 11:35
Operator : UA
Sample : 1660 100 PPB
Misc : AR1660101
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 12:53:29 2008
Quant Method : S:\HPCHEM1\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1) SA	Tetrachlo...	4.114	3.603	13216	18839	4.936	5.352	
2) SA	Decachlor...	12.975	12.910	51708	67843	11.266	14.644	#
	Target Compounds							
3) L1	Aroclor-1...	5.315	5.045	14600	19803	97.352	110.473	
4) L1	Aroclor-1...	5.646	5.768	7252	32792	83.157	112.192	#
5) L1	Aroclor-1...	6.322	5.985	7125	13895	78.305m	103.125	#
6) L1	Aroclor-1...	6.420	6.727	3473	11141	78.893m	109.593	#
7) L1	Aroclor-1...	6.962	6.915	9460	11704	89.486	100.107m	
31) L7	Aroclor-1...	8.902	8.704	18442	25898	96.427	110.321	
32) L7	Aroclor-1...	9.788	9.028	18954	29121	86.781m	120.576	#
33) L7	Aroclor-1...	9.953	9.720	12209	23733	91.299m	114.555	#
34) L7	Aroclor-1...	10.343	10.176	12949	21388	93.659	110.066	
35) L7	Aroclor-1...	10.827	10.563	31064	39016	97.168	114.028	

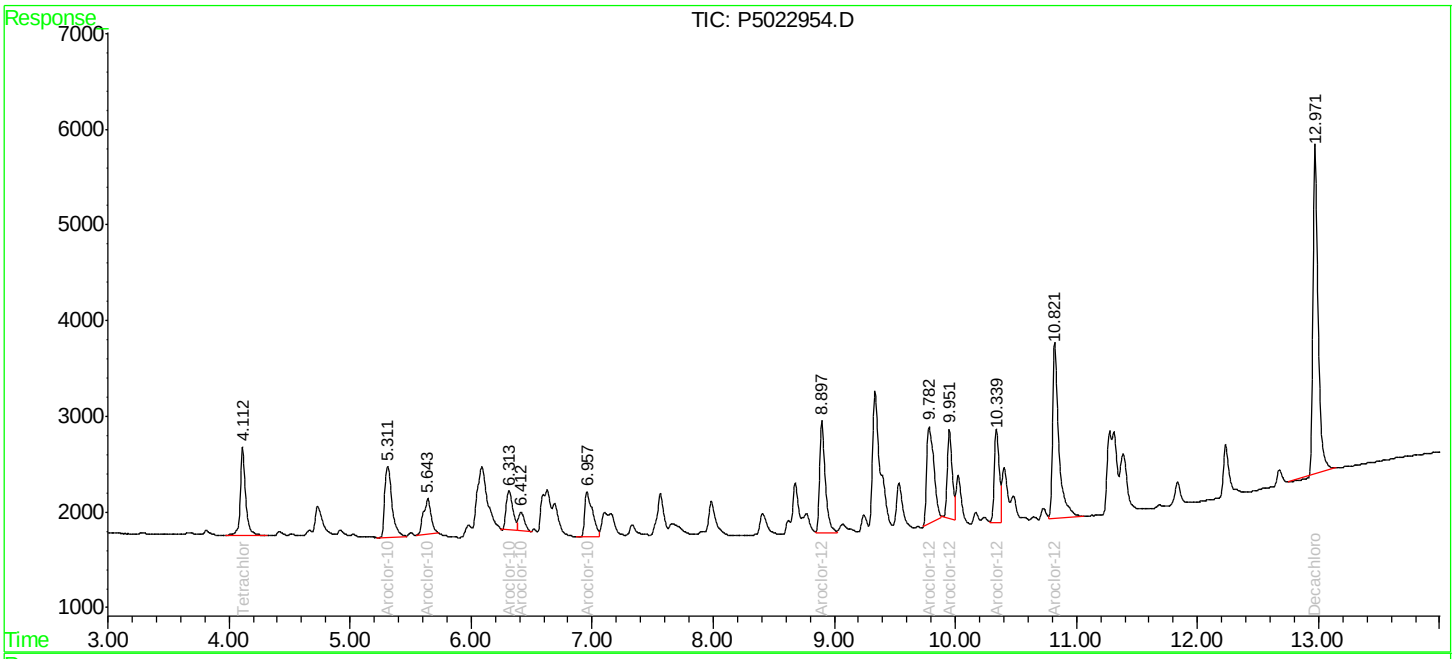
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

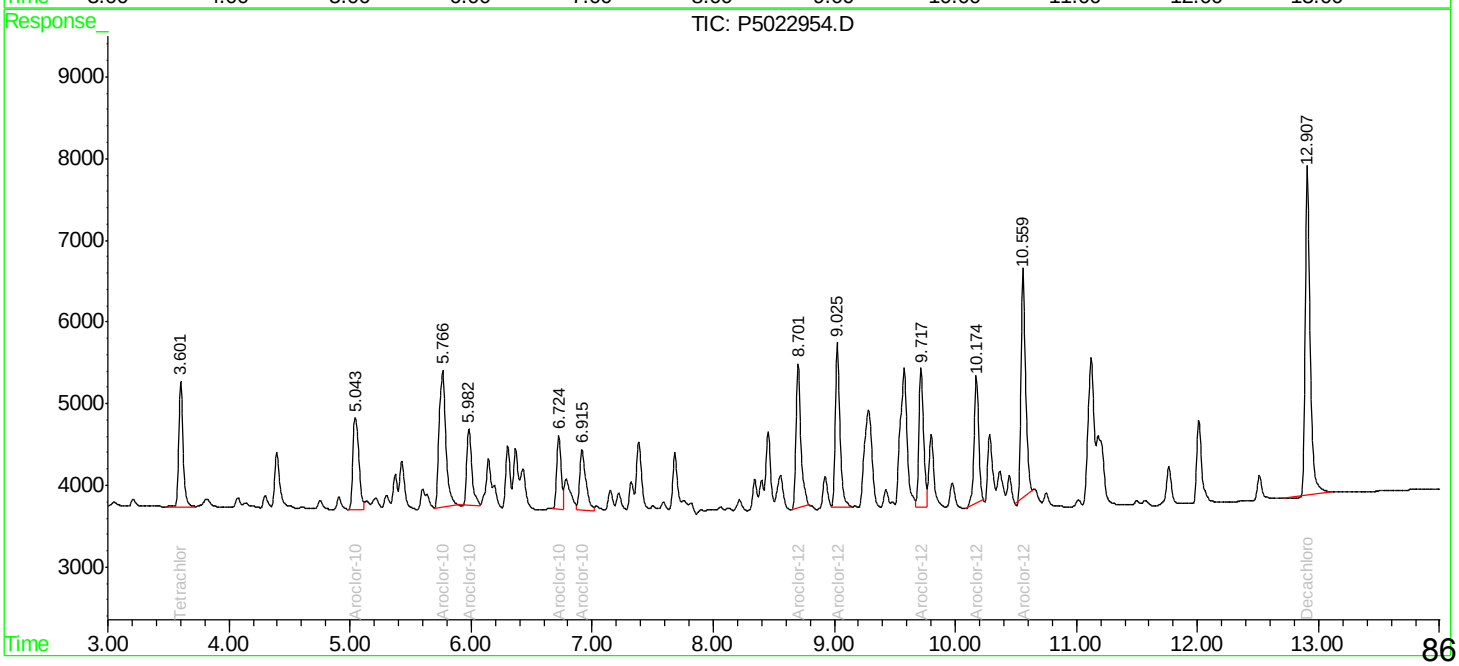
Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022954.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 11:52
Operator : UA
Sample : 1660 200 PPB
Misc : AR1660201
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 12:55:42 2008
Quant Method : S:\HPCHEM1\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm



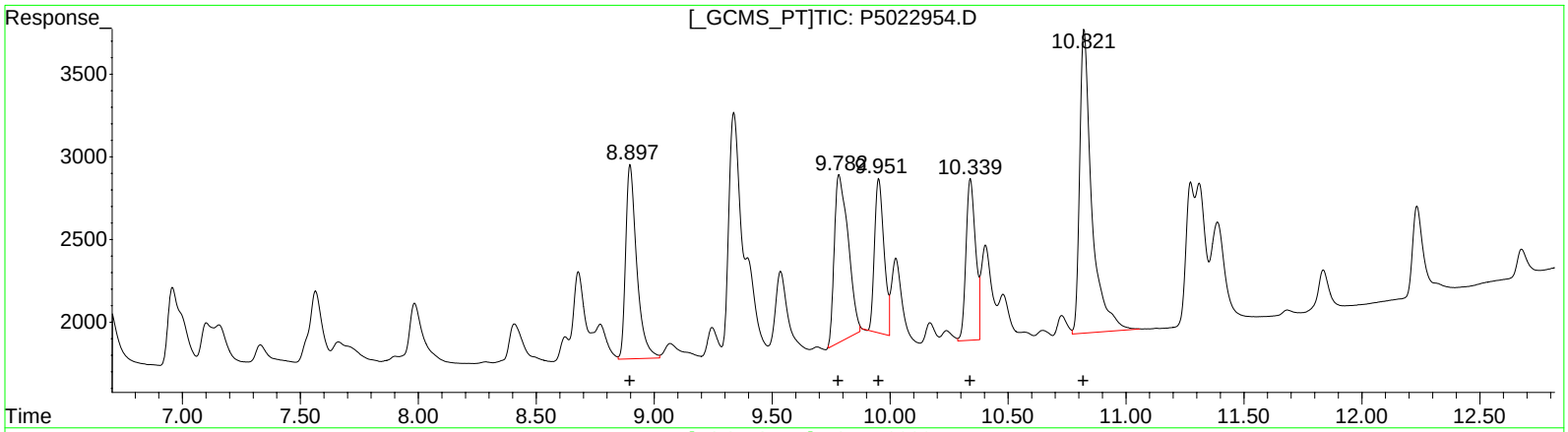


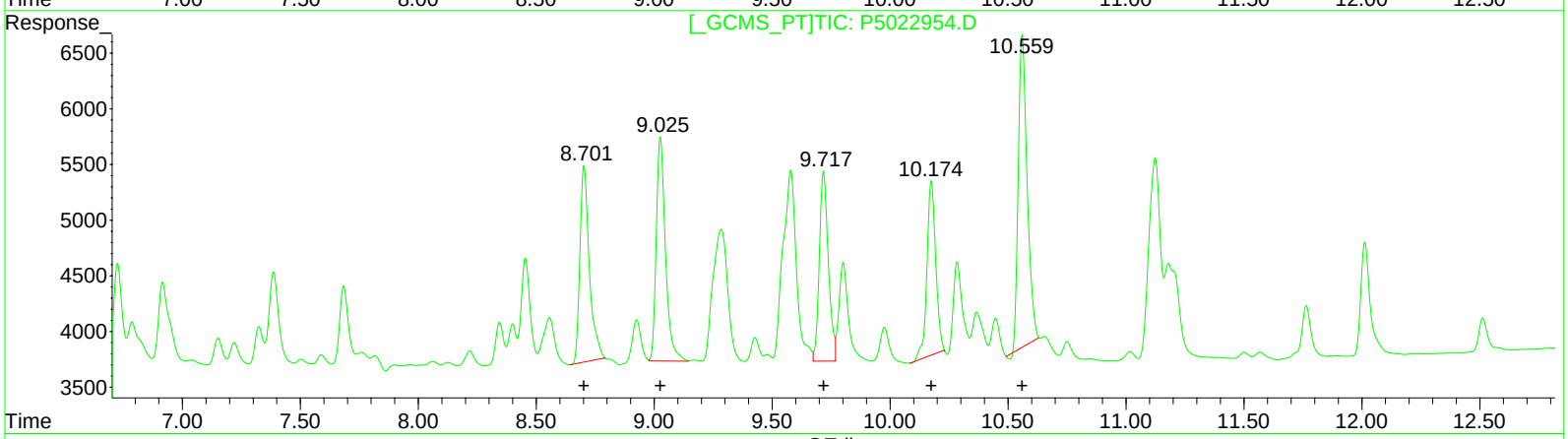
Quantitation Report (Qedit)

Data Path : S:\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022954.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 11:52
Operator : UA
Sample : 1660 200 PPB
Misc : AR1660201
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 12:54:13 2008
Quant Method : S:\HPCHEM1\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





QEdit

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
8.90	38321	200.37
9.78	41315	189.16
9.95	26004	194.45
10.34	27360	197.90
10.82	65618	205.25

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
8.70	49116	209.22
9.03	54522	225.75
9.72	45065	217.52
10.18	40599	208.93
10.56	73215	213.98

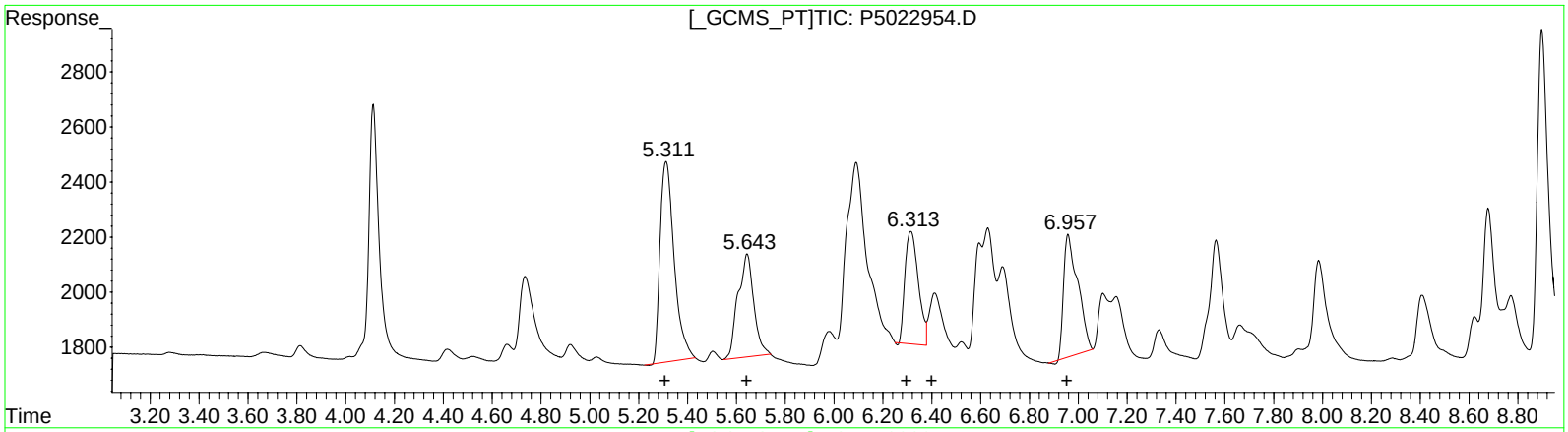
(+) = Expected Retention Time

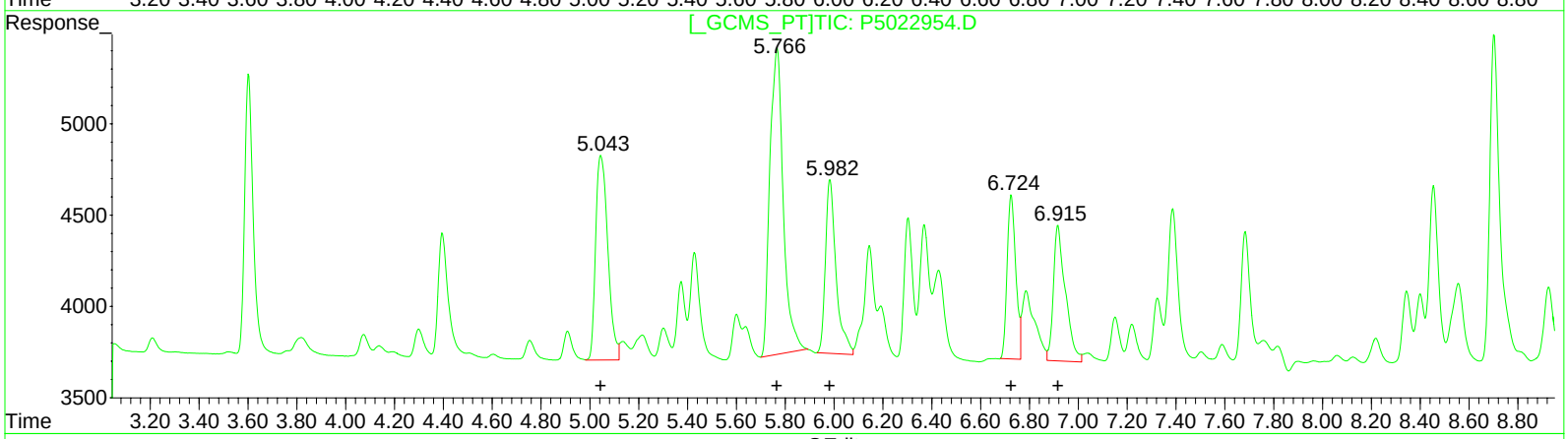
Quantitation Report (Qedit)

Data Path : S:\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022954.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 11:52
Operator : UA
Sample : 1660 200 PPB
Misc : AR1660201
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 20 14:34:26 2008
Quant Method : \\Terastorage\pestpcbsrv\HPCHEM1\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 20 14:34:14 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : RTx-CLPesticides Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(3) AR-1016-1 (L1)

R.T.	Response	Conc
5.31	29245	175.82
5.64	16761	178.36
6.31	15554	160.05
0.00	0	0.00
6.96	17822	156.05

(3) AR-1016-1 #2 (L1)

R.T.	Response	Conc
5.05	38851	195.89
5.77	63690	194.48
5.98	28825	190.96
6.73	22004	197.36
6.92	25418	195.32

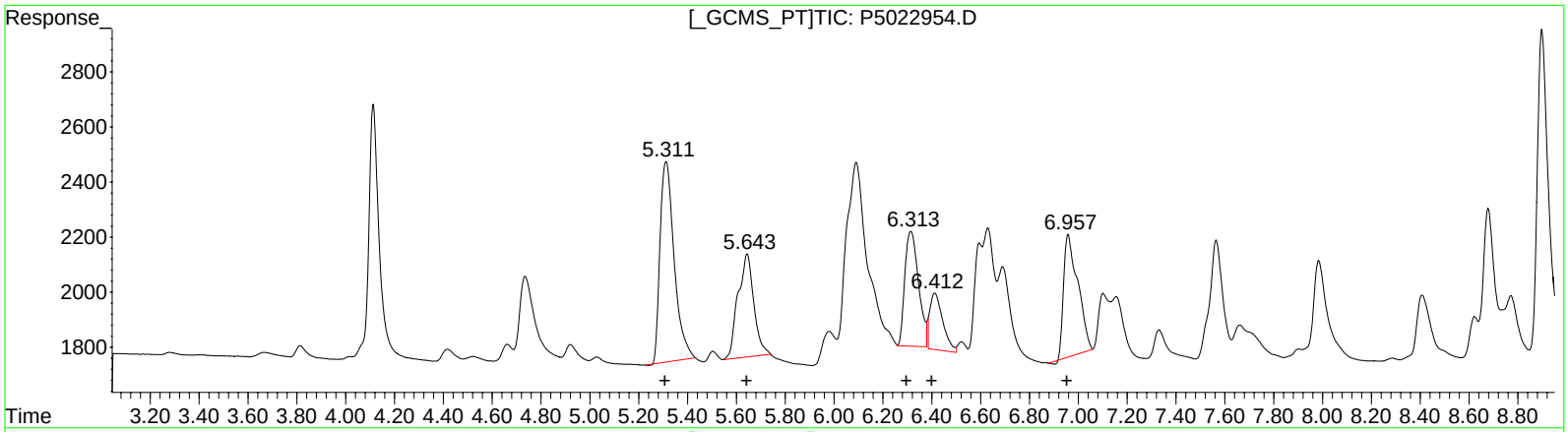
(+) = Expected Retention Time

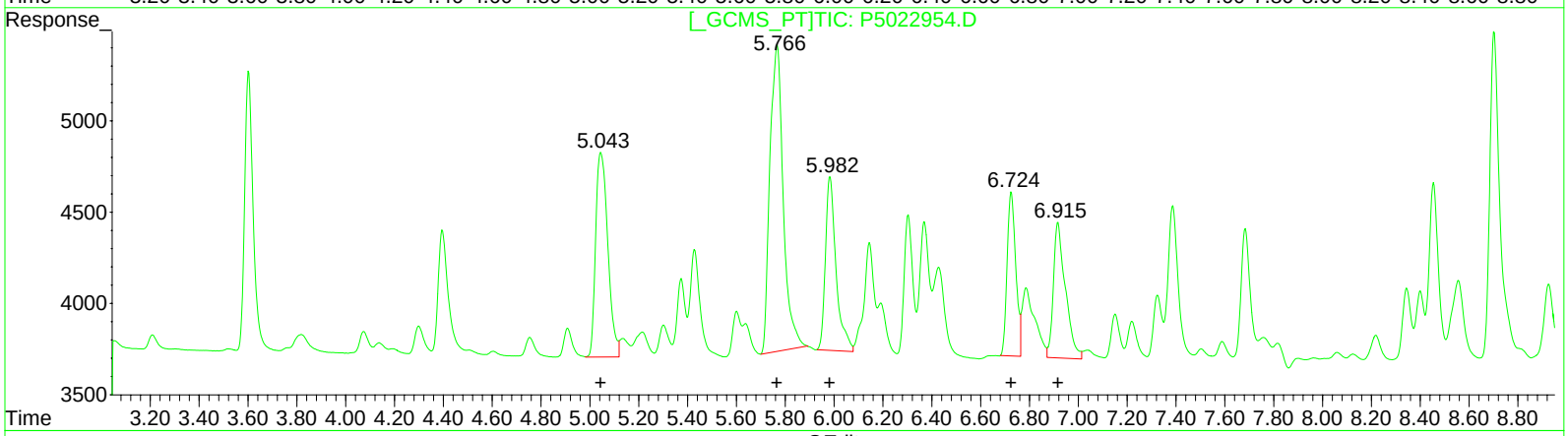
Quantitation Report (Qedit)

Data Path : S:\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022954.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 11:52
Operator : UA
Sample : 1660 200 PPB
Misc : AR1660201
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 20 14:34:26 2008
Quant Method : \\Terastorage\pestpcbsrv\HPCHEM1\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 20 14:34:14 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : RTx-CLPesticides Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





(3) AR-1016-1 #2 (L1)

R.T.	Response	Conc
5.31	29245	175.82
5.64	16761	178.36
6.31	16161	166.30
6.41	7488	156.54
6.96	17822	156.05

(3) AR-1016-1 #2 (L1)

R.T.	Response	Conc
5.05	38851	195.89
5.77	63690	194.48
5.98	28825	190.96
6.73	22004	197.36
6.92	25418	195.32

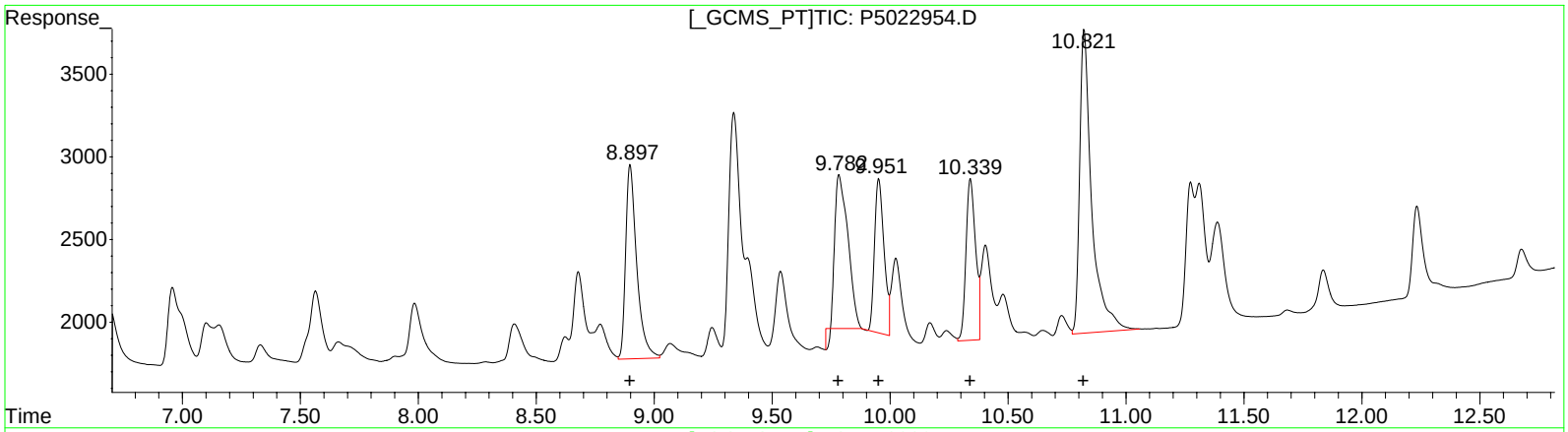
(+) = Expected Retention Time

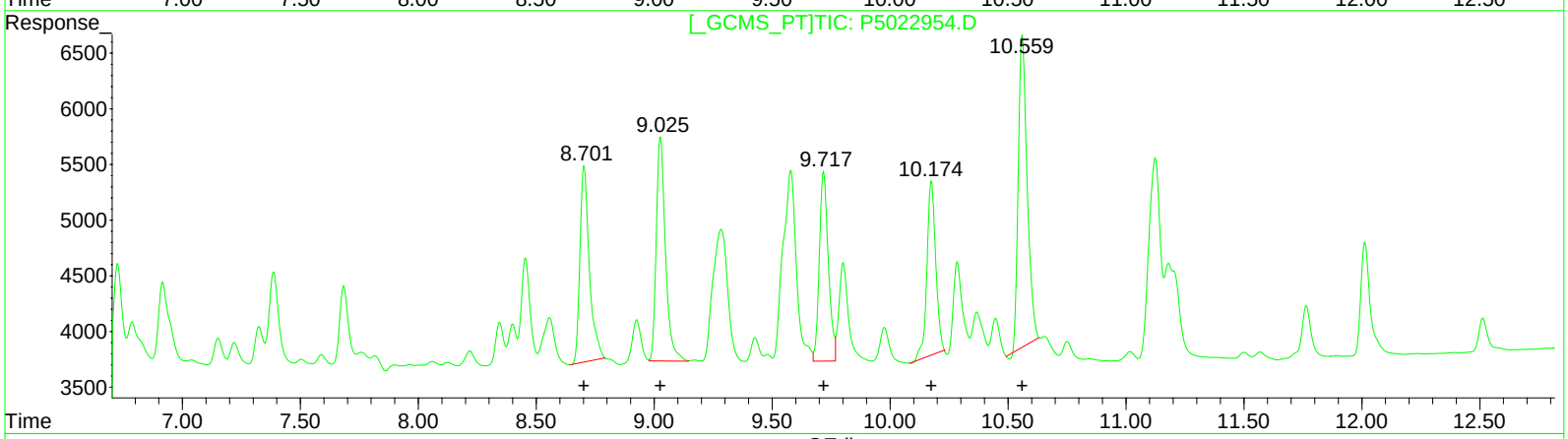
Quantitation Report (Qedit)

Data Path : S:\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022954.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 11:52
Operator : UA
Sample : 1660 200 PPB
Misc : AR1660201
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 12:54:13 2008
Quant Method : S:\HPCHEM1\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





QEdit

(31) Aroclor-1260-1 (L7)

R.T.	Response	Conc
8.90	38321	200.37
9.78	41045	187.93
9.95	26004	194.45
10.34	27360	197.90
10.82	65618	205.25

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
8.70	49116	209.22
9.03	54522	225.75
9.72	45065	217.52
10.18	40599	208.93
10.56	73215	213.98

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022954.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 11:52
Operator : UA
Sample : 1660 200 PPB
Misc : AR1660201
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 12:55:42 2008
Quant Method : S:\HPCHEM1\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1) SA	Tetrachlo...	4.113	3.603	28038	37648	10.472	10.696	
2) SA	Decachlor...	12.972	12.909	101186	114445	22.047	24.704	
	Target Compounds							
3) L1	Aroclor-1...	5.313	5.045	30340	38794	202.308	216.419	
4) L1	Aroclor-1...	5.644	5.768	16056	63700	184.106	217.942	
5) L1	Aroclor-1...	6.315	5.983	15718	27689	172.735	205.507	
6) L1	Aroclor-1...	6.413	6.726	7390	22085	167.883	217.249	#
7) L1	Aroclor-1...	6.959	6.917	20519	25561	194.102	218.625	
31) L7	Aroclor-1...	8.898	8.703	38321	49116	200.371	209.221	
32) L7	Aroclor-1...	9.782	9.027	41315	54522	189.164m	225.752	
33) L7	Aroclor-1...	9.952	9.718	26004	45065	194.448	217.518	
34) L7	Aroclor-1...	10.341	10.175	27360	40599	197.900	208.932	
35) L7	Aroclor-1...	10.823	10.561	65618	73215	205.252	213.976	

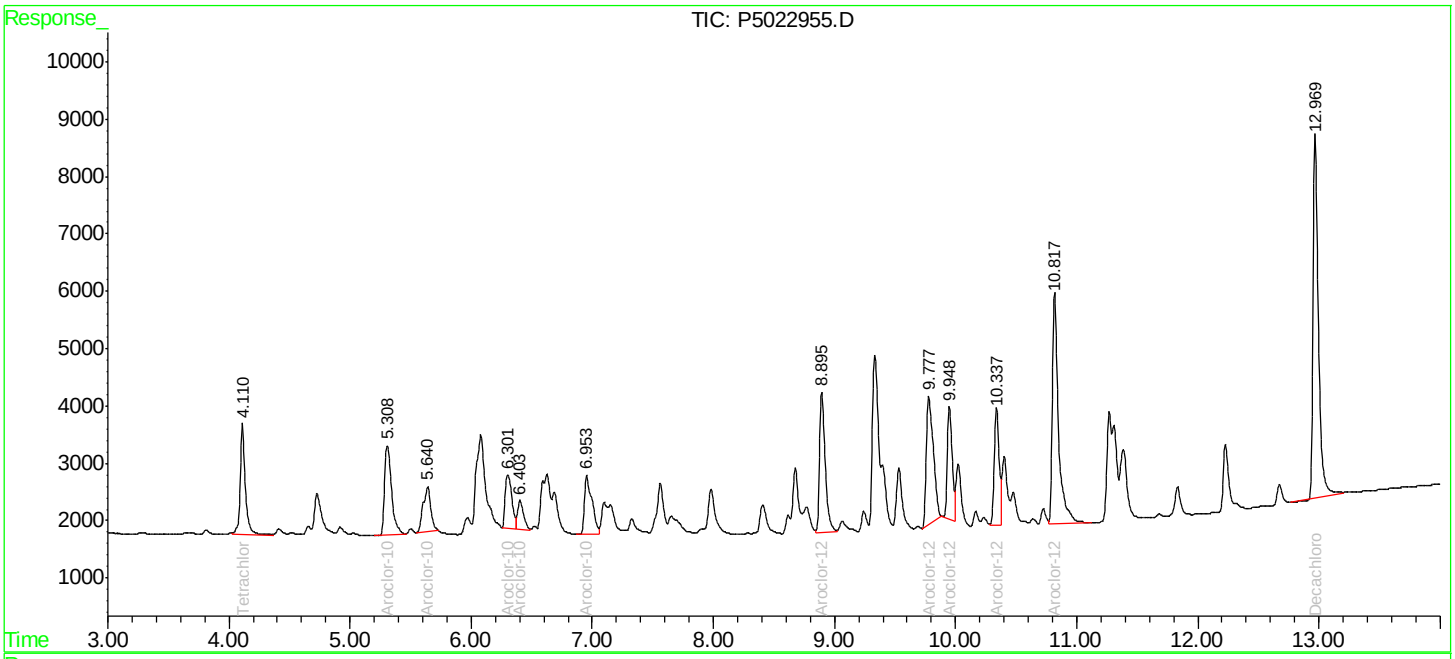
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

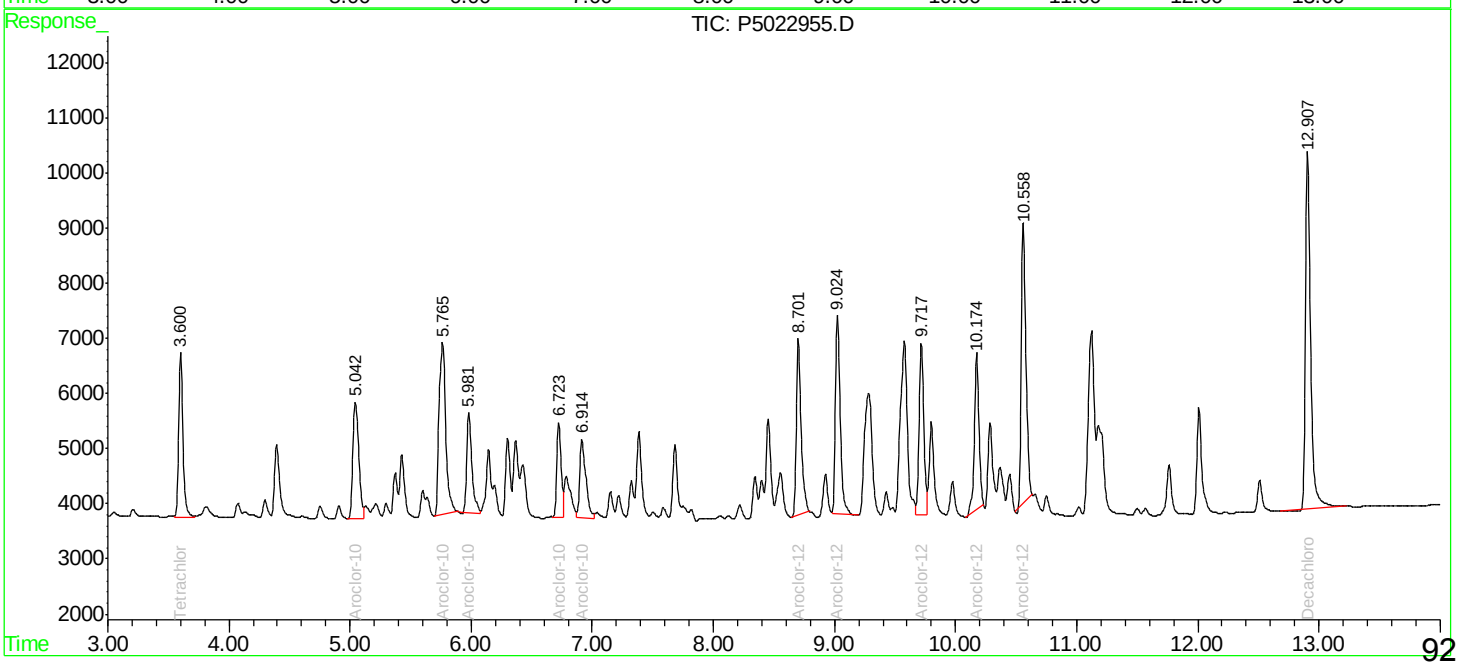
Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022955.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 12:09
Operator : UA
Sample : 1660 400 PPB
Misc : AR1660301
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 12:56:50 2008
Quant Method : S:\HPCHEM1\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022955.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 12:09
Operator : UA
Sample : 1660 400 PPB
Misc : AR1660301
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 12:56:50 2008
Quant Method : S:\HPCHEM1\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.112	3.602	57123	72016	21.335	20.460
2) SA	Decachlor...	12.971	12.909	192584	191017	41.961	41.232
	Target Compounds						
3) L1	Aroclor-1...	5.309	5.044	62916	73458	419.522	409.793
4) L1	Aroclor-1...	5.642	5.766	34696	119508	397.851	408.880
5) L1	Aroclor-1...	6.303	5.982	35700	54361	392.334	403.464
6) L1	Aroclor-1...	6.405	6.725	17554	42089	398.780	414.025
7) L1	Aroclor-1...	6.955	6.916	43697	49381	413.346	422.365
31) L7	Aroclor-1...	8.897	8.703	78791	89186	411.973	379.912
32) L7	Aroclor-1...	9.779	9.026	88170	99187	403.690	410.691
33) L7	Aroclor-1...	9.950	9.718	54502	82691	407.553	399.132
34) L7	Aroclor-1...	10.339	10.175	57427	75551	415.378	388.798
35) L7	Aroclor-1...	10.819	10.560	138689	133828	433.817	391.125

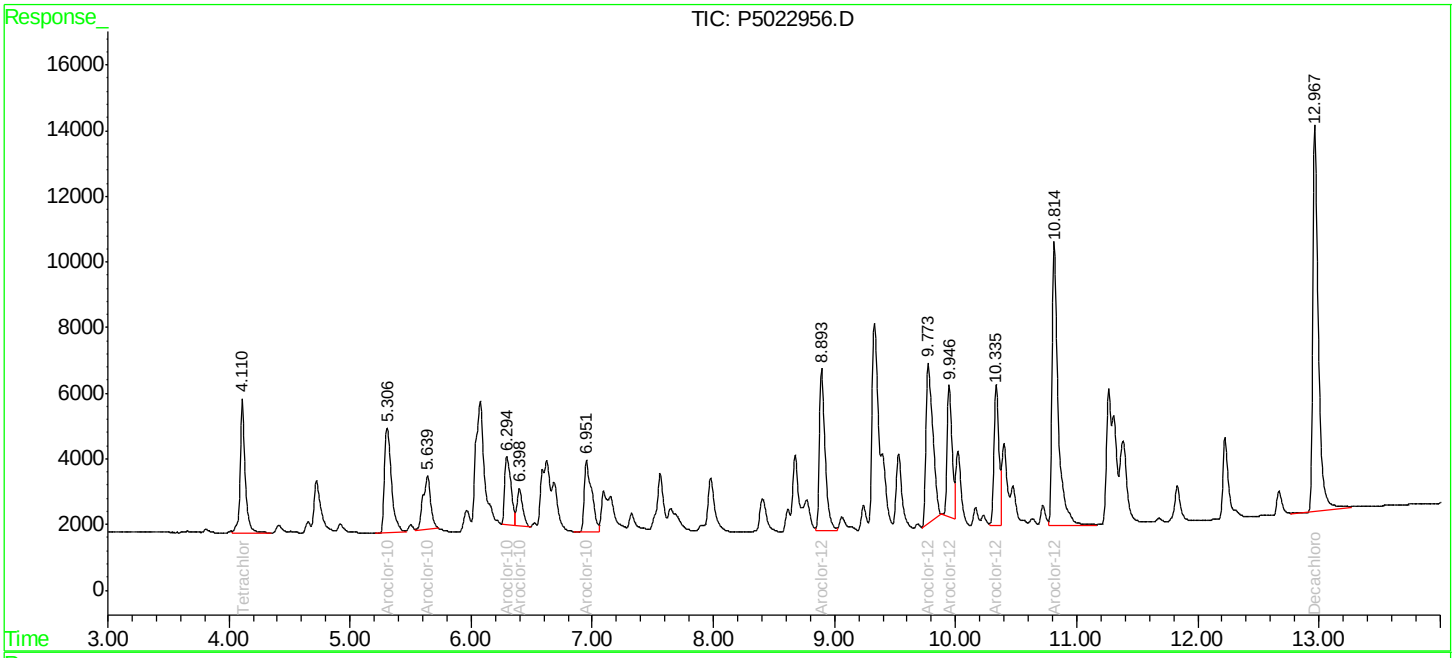
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

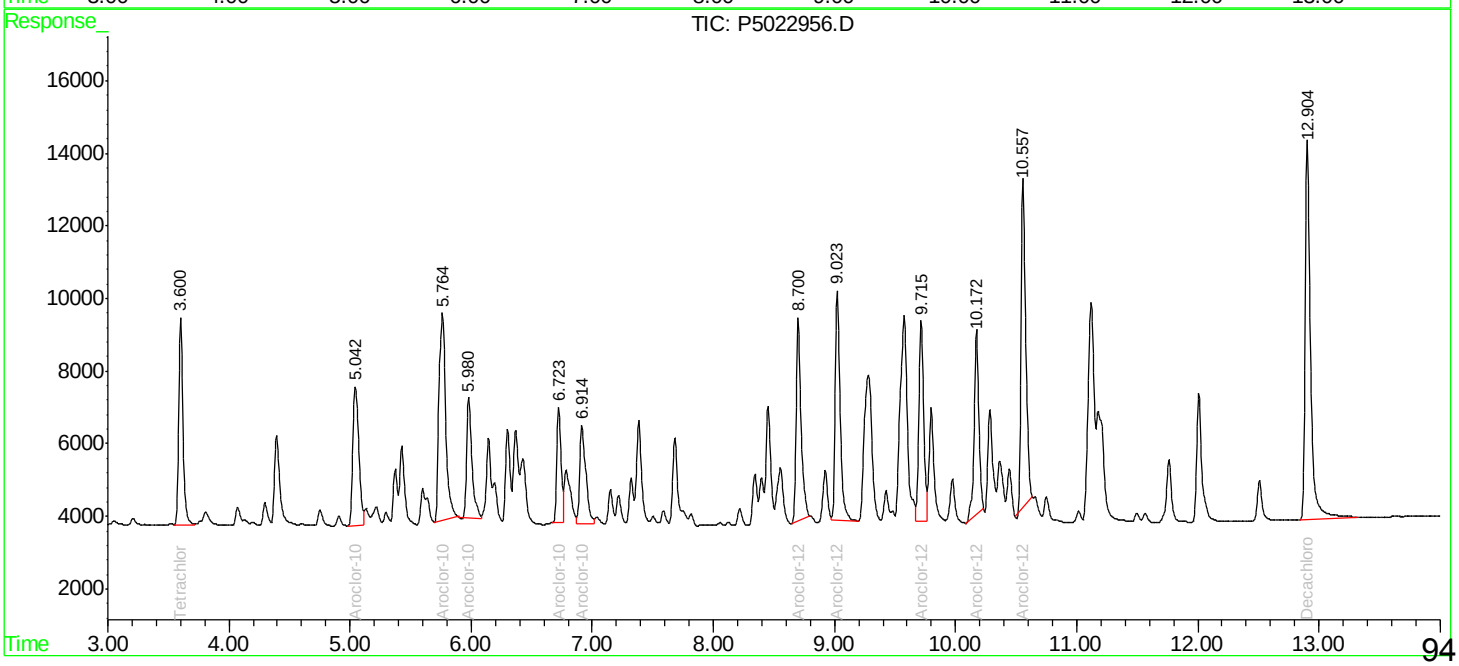
Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022956.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 12:26
Operator : UA
Sample : 1660 800 PPB
Misc : AR1660401
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 12:58:02 2008
Quant Method : S:\HPCHEM1\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022956.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 12:26
Operator : UA
Sample : 1660 800 PPB
Misc : AR1660401
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 12:58:02 2008
Quant Method : S:\HPCHEM1\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.111	3.602	116594	137623	43.548	39.100
2) SA	Decachlor...	12.968	12.906	370015	322051	80.620	69.517
	Target Compounds						
3) L1	Aroclor-1...	5.308	5.044	127634	135133	851.056	753.856
4) L1	Aroclor-1...	5.641	5.765	71900	218784	824.456	748.540
5) L1	Aroclor-1...	6.296	5.981	76139	99902	836.751	741.477
6) L1	Aroclor-1...	6.399	6.724	38324	77838	870.606	765.691
7) L1	Aroclor-1...	6.953	6.916	91045	93589	861.232	800.474
31) L7	Aroclor-1...	8.894	8.701	160697	158221	840.232	673.983
32) L7	Aroclor-1...	9.775	9.024	186938	175526	855.904	726.779
33) L7	Aroclor-1...	9.948	9.716	112200	149801	839.000	723.057
34) L7	Aroclor-1...	10.337	10.174	118891	137408	859.960	707.130
35) L7	Aroclor-1...	10.816	10.558	293642	239646	918.511	700.386

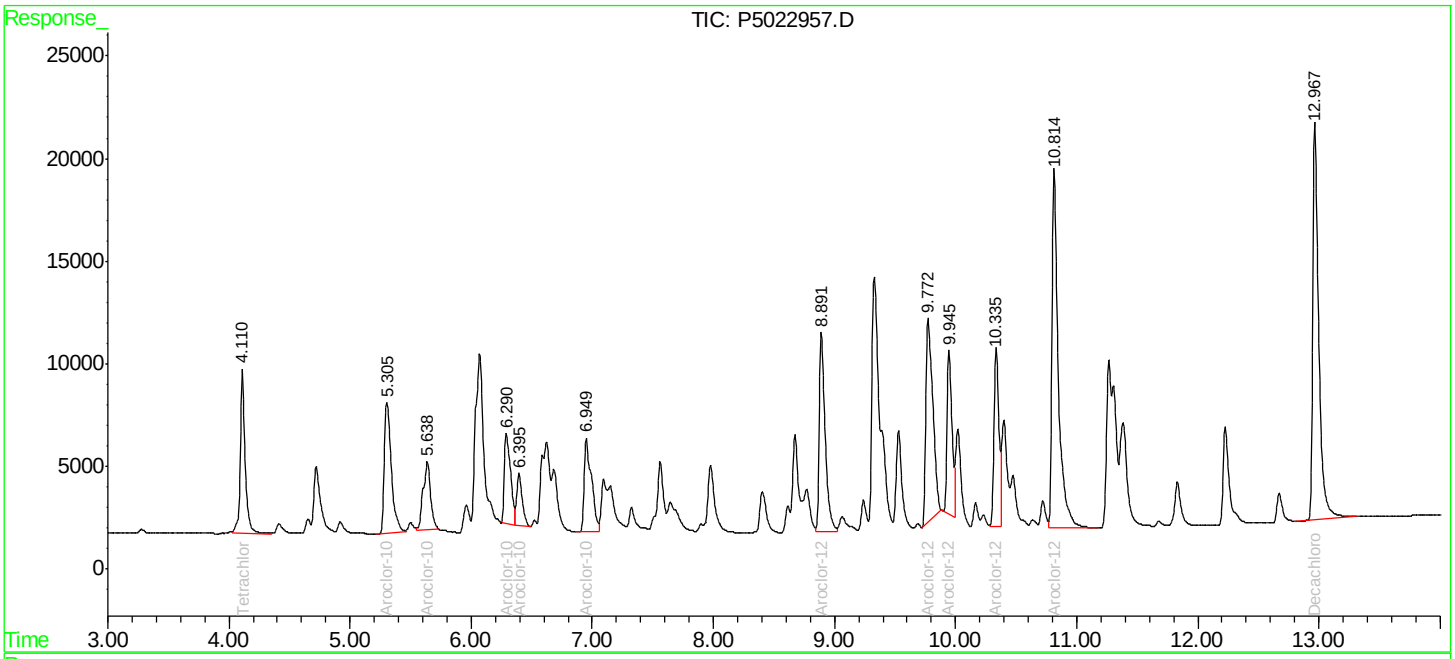
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

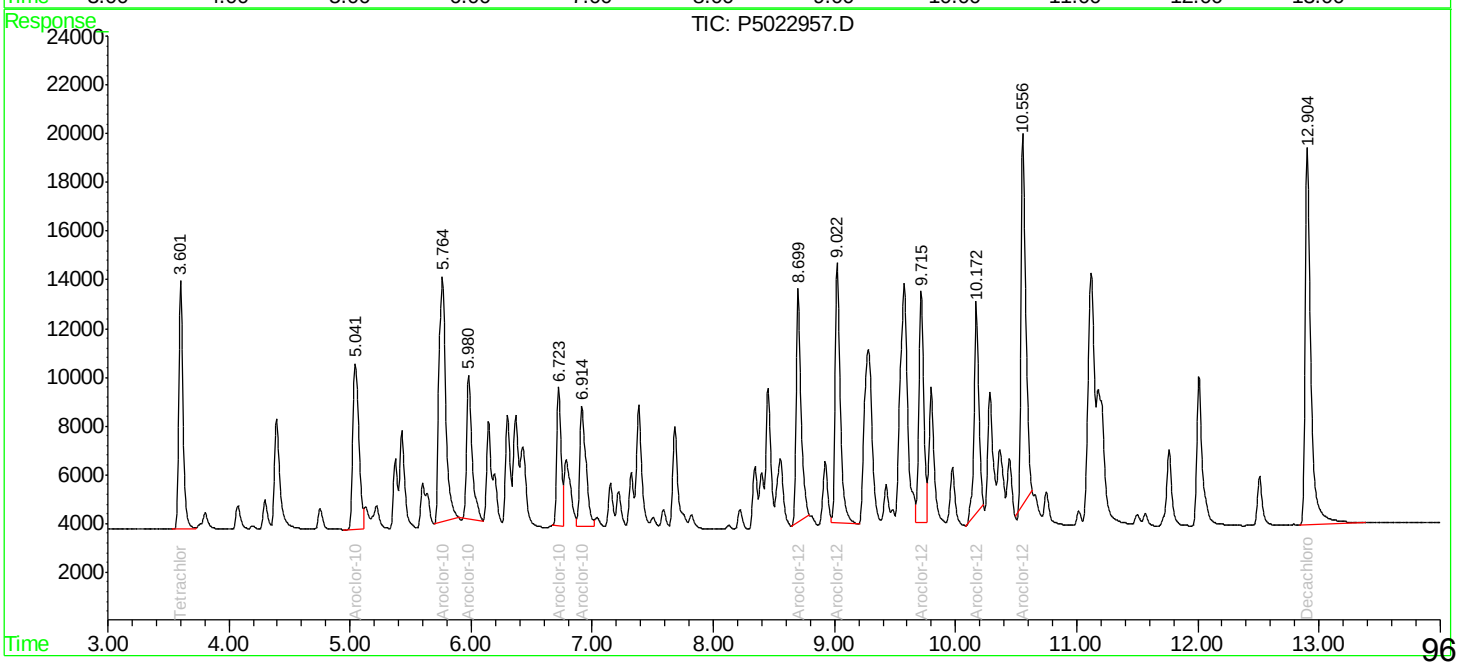
Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022957.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 12:44
Operator : UA
Sample : 1660 1600 PPB
Misc : AR1660501
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 12:59:09 2008
Quant Method : S:\HPCHEM1\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022957.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 12:44
Operator : UA
Sample : 1660 1600 PPB
Misc : AR1660501
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 12:59:09 2008
Quant Method : S:\HPCHEM1\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1) SA	Tetrachlo...	4.111	3.602	225282	244280	84.143	69.402	
2) SA	Decachlor...	12.968	12.906	658684	508521	143.517	109.767	
	Target Compounds							
3) L1	Aroclor-1...	5.306	5.043	257975	242270	1720.160	1351.536	
4) L1	Aroclor-1...	5.640	5.765	142521	388461	1634.244	1329.066	
5) L1	Aroclor-1...	6.292	5.981	157562	182459	1731.574	1354.211	
6) L1	Aroclor-1...	6.396	6.724	81164	140208	1843.791	1379.219	#
7) L1	Aroclor-1...	6.951	6.916	190098	175373	1798.213	1499.985	
31) L7	Aroclor-1...	8.893	8.701	324408	271053	1696.224	1154.616	#
32) L7	Aroclor-1...	9.774	9.024	388130	311337	1777.066	1289.118	#
33) L7	Aroclor-1...	9.947	9.716	221696	262362	1657.783	1266.366	
34) L7	Aroclor-1...	10.336	10.173	239864	237419	1734.987	1221.803	#
35) L7	Aroclor-1...	10.815	10.557	623517	414726	1950.354	1212.072	#

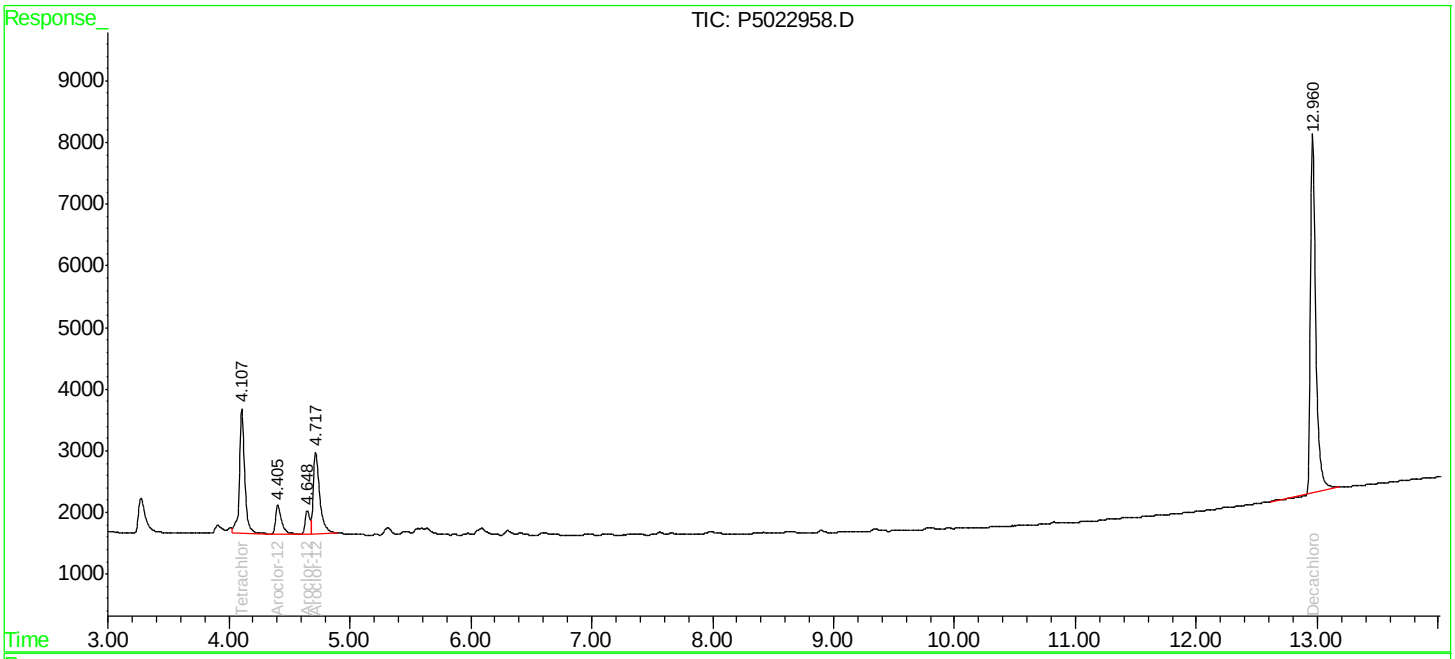
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

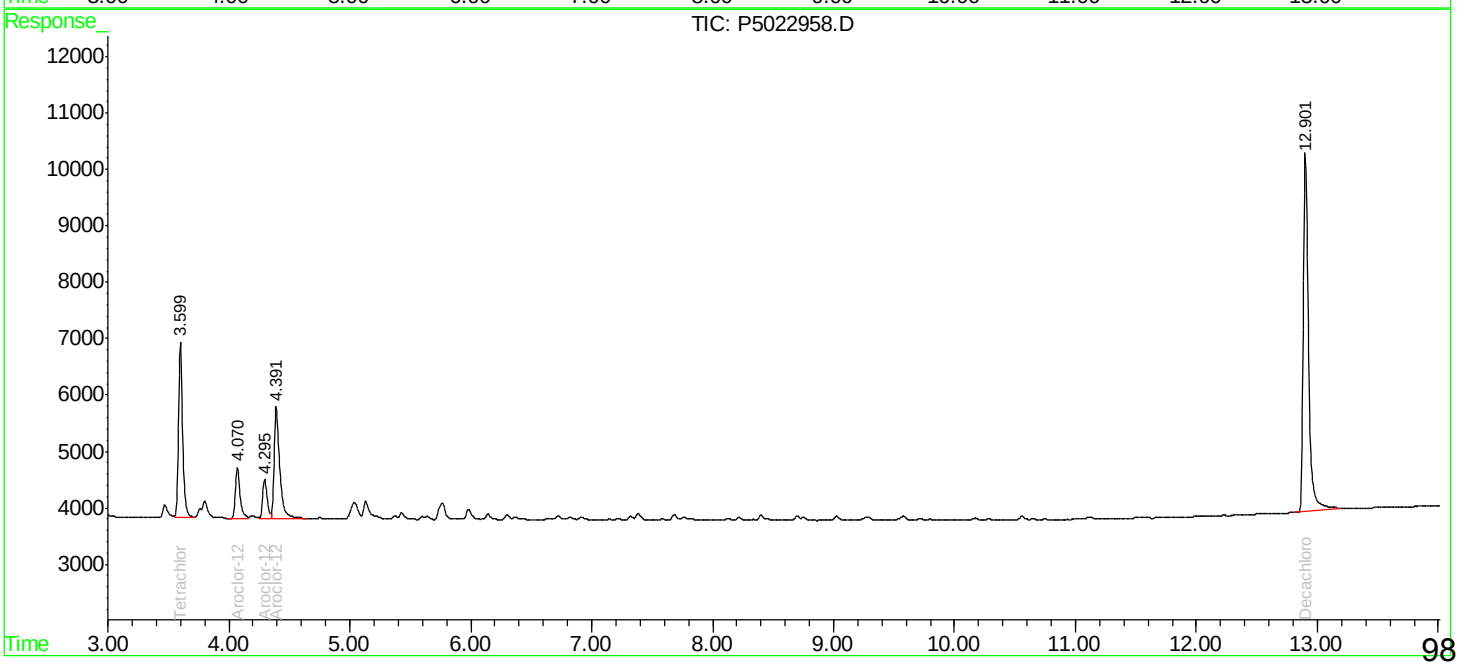
Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022958.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 14:29
Operator : UA
Sample : 1221 400 PPB
Misc : AR1221301
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 13:00:16 2008
Quant Method : S:\HPCHEM1\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022958.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 14:29
Operator : UA
Sample : 1221 400 PPB
Misc : AR1221301
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 13:00:16 2008
Quant Method : S:\HPCHEM1\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.109	3.600	59975	74470	22.401	21.158
2) SA	Decachlor...	12.962	12.903	175732	187812	38.289	40.540
	Target Compounds						
8) L2	Aroclor-1...	4.406	4.072	15596	23580	422.896	400.000
9) L2	Aroclor-1...	4.650	4.297	9607	17736	418.686	400.000
10) L2	Aroclor-1...	4.719	4.393	49239	63105	406.491	400.000

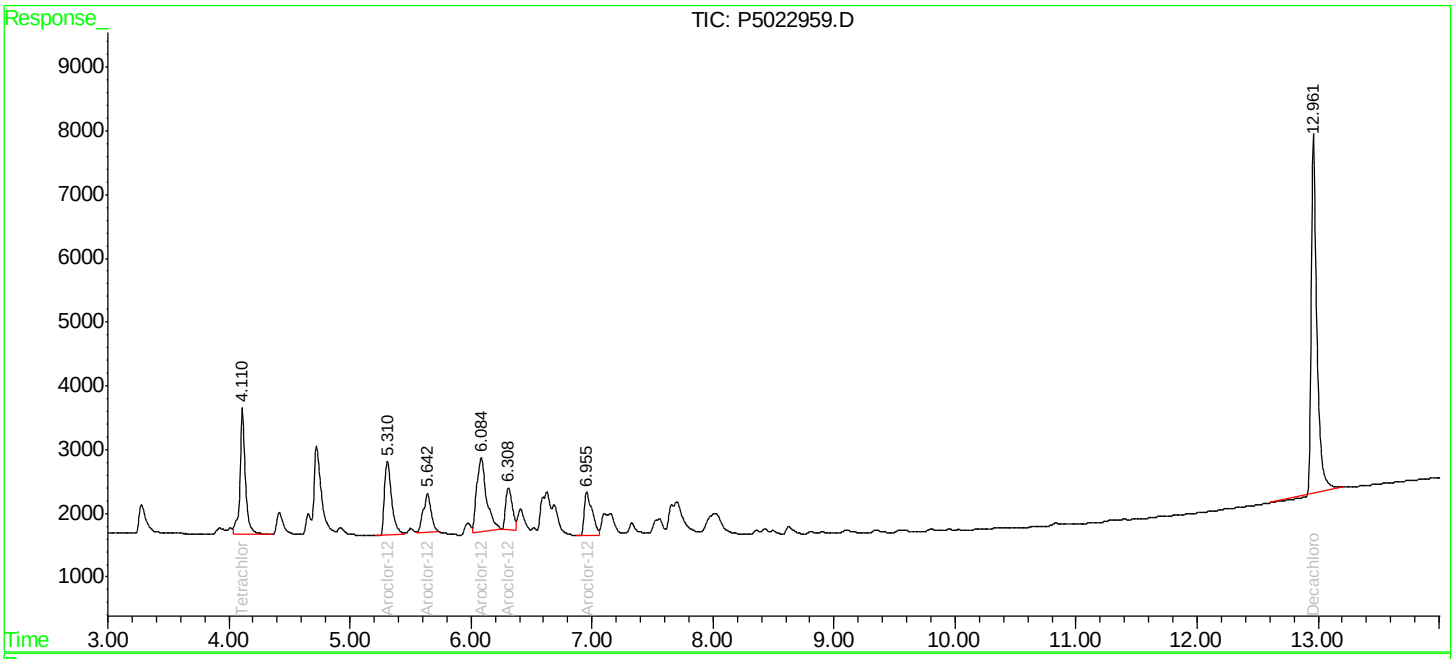
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

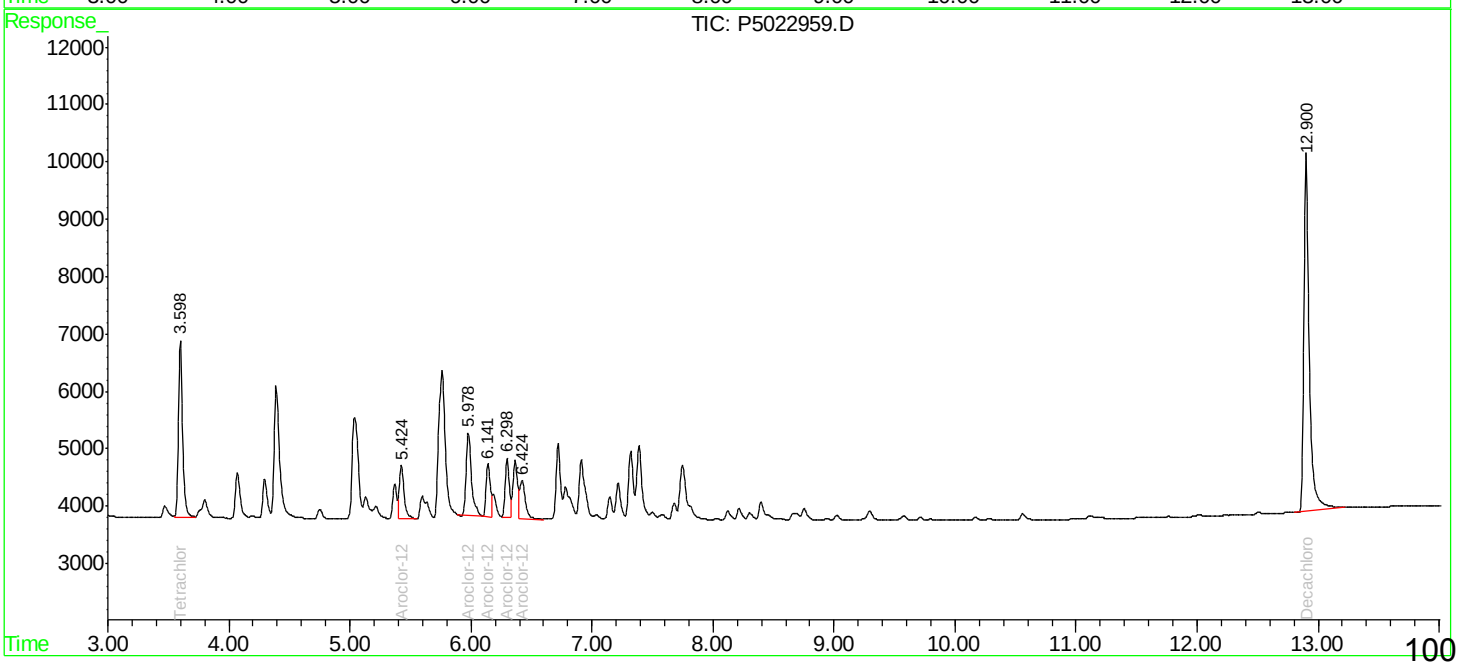
Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022959.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 14:46
Operator : UA
Sample : 1232 400 PPB
Misc : AR1232301
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 13:01:19 2008
Quant Method : S:\HPCHEM1\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





100

Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022959.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 14:46
Operator : UA
Sample : 1232 400 PPB
Misc : AR1232301
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 13:01:19 2008
Quant Method : S:\HPCHEM1\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.112	3.600	62021	74864	23.165	21.269
2) SA	Decachlor...	12.963	12.902	181056	195023	39.449	42.097
	Target Compounds						
11) L3	Aroclor-1...	5.311	5.425	46693	26397	400.882	393.497
12) L3	Aroclor-1...	5.644	5.980	26443	43721	382.139	346.472
13) L3	Aroclor-1...	6.086	6.143	65480	21945	370.512	363.185
14) L3	Aroclor-1...	6.310	6.300	25272	24869	371.781	376.813
15) L3	Aroclor-1...	6.957	6.425	30053	21125	449.195	376.161

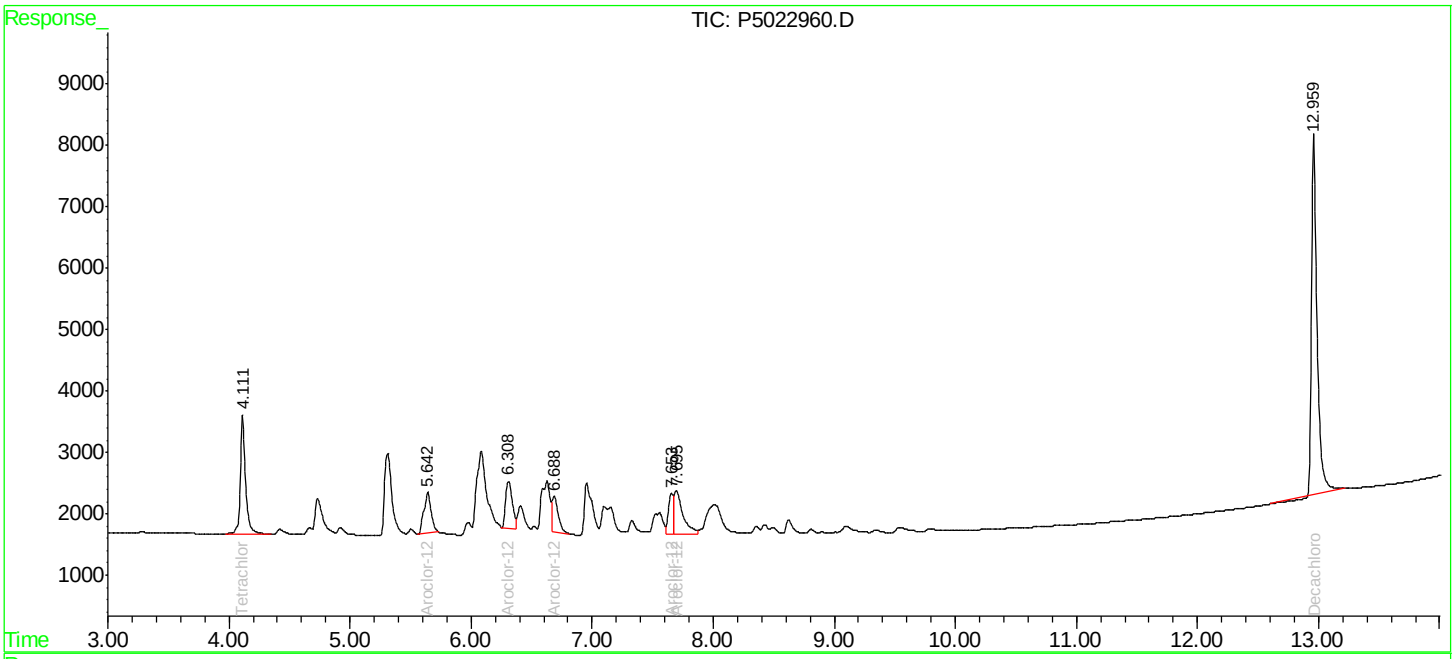
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

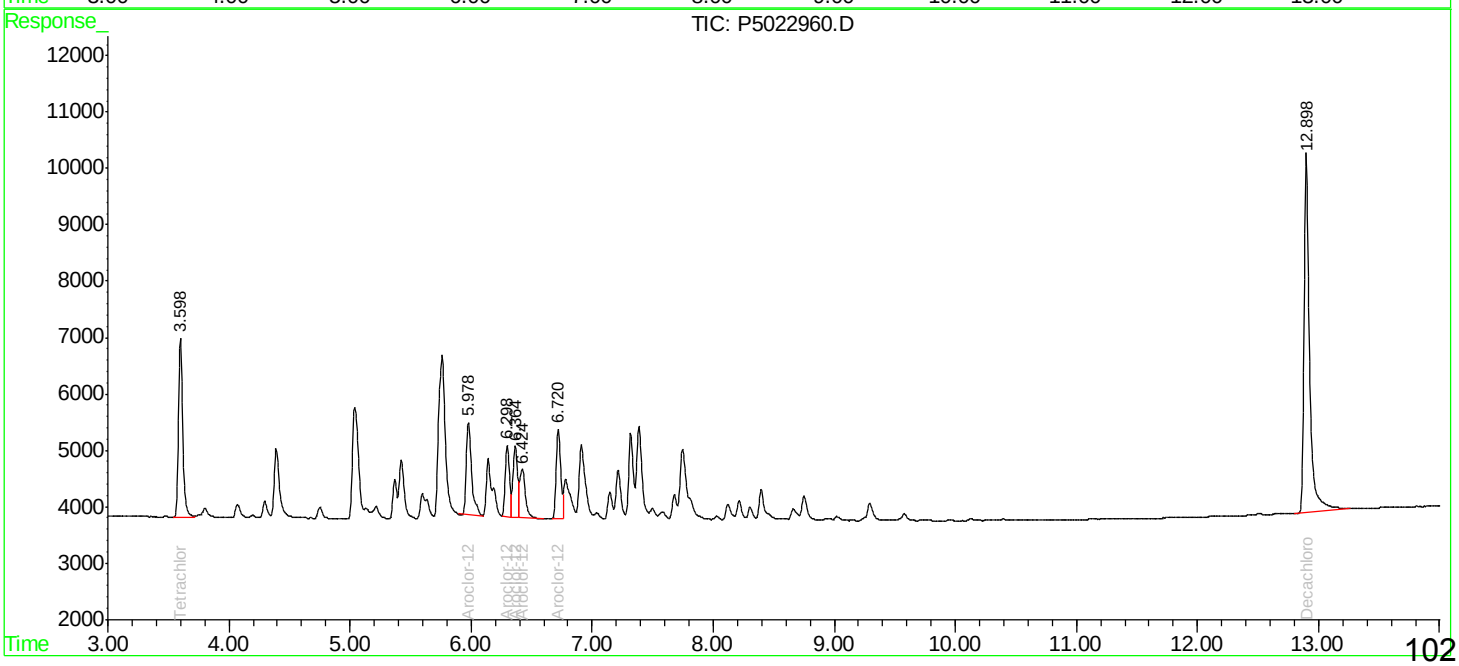
Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022960.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 15:03
Operator : UA
Sample : 1242 400 PPB
Misc : AR1242301
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 13:04:32 2008
Quant Method : S:\HPCHEM1\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 13:03:48 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022960.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 15:03
Operator : UA
Sample : 1242 400 PPB
Misc : AR1242301
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 13:04:32 2008
Quant Method : S:\HPCHEM1\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 13:03:48 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.113	3.600	58875	76447	21.611	21.446
2) SA	Decachlor...	12.961	12.900	187991	203069	40.805	42.805
	Target Compounds						
16) L4	Aroclor-1...	5.644	5.980	27383	50154	400.000	400.000
17) L4	Aroclor-1...	6.310	6.300	29388	30475	400.000	400.000
18) L4	Aroclor-1...	6.689	6.366	20774	33728	400.000	400.000
19) L4	Aroclor-1...	7.656	6.425	17155	27775	400.000	400.000
20) L4	Aroclor-1...	7.697	6.721	37596	38867	400.000	400.000

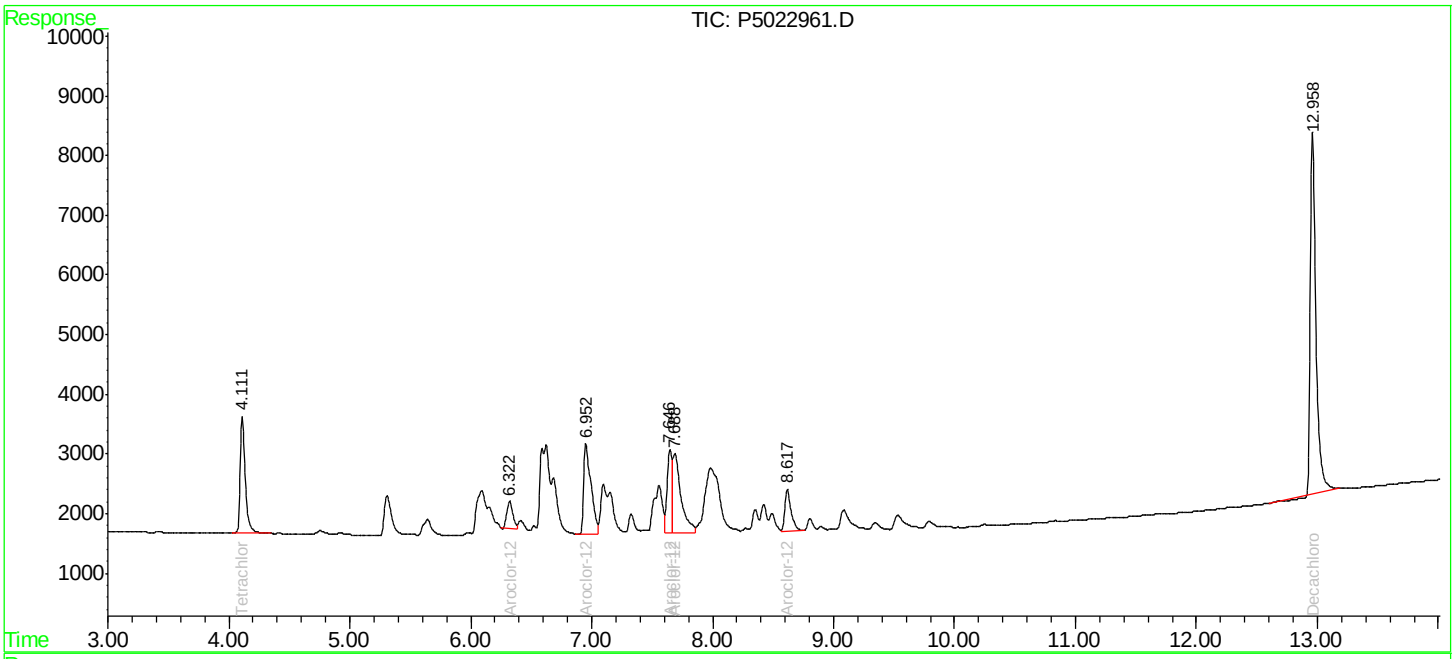
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

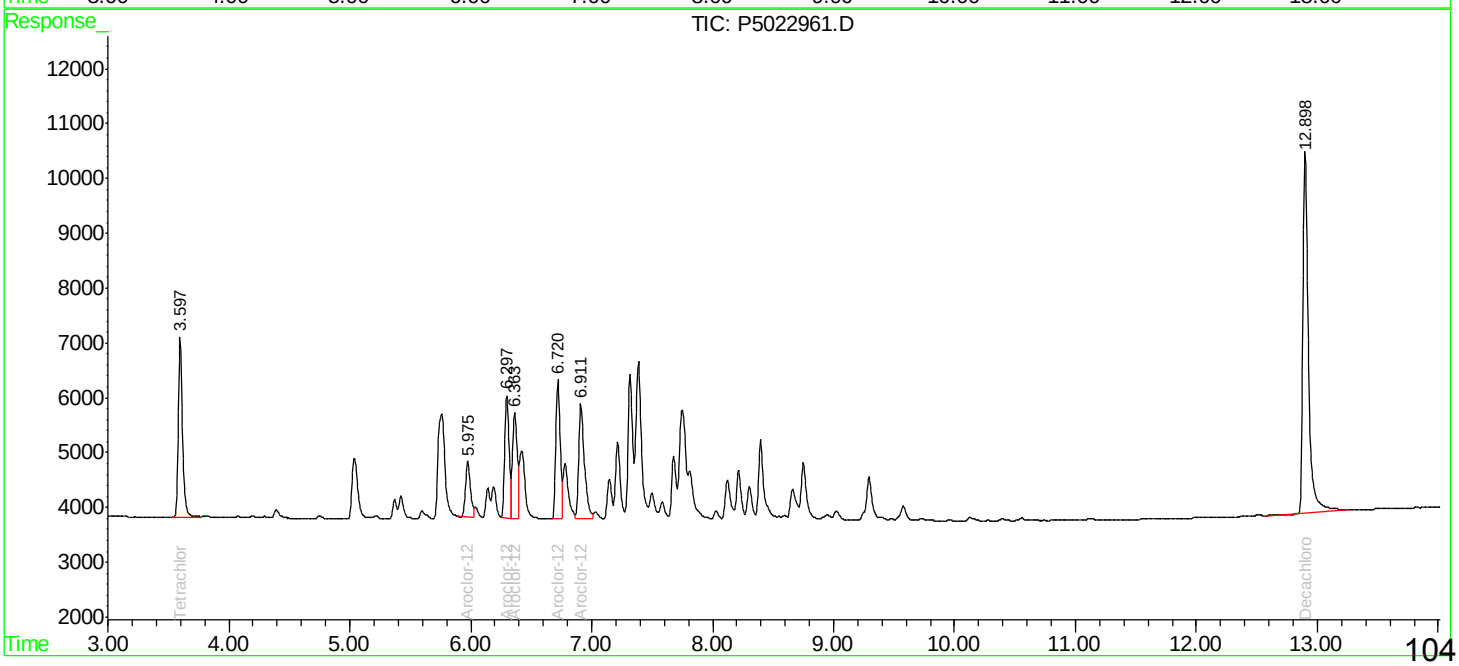
Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022961.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 15:21
Operator : UA
Sample : 1248 400 PPB
Misc : AR1248301
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 13:06:32 2008
Quant Method : S:\HPCHEM1\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 13:05:41 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022961.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 15:21
Operator : UA
Sample : 1248 400 PPB
Misc : AR1248301
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 13:06:32 2008
Quant Method : S:\HPCHEM1\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 13:05:41 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.112	3.599	56666	78841	20.800	22.118
2) SA	Decachlor...	12.960	12.900	194633	205332	42.246	43.282
	Target Compounds						
21) L5	Aroclor-1...	6.324	5.976	15803	28572	376.198	365.816
22) L5	Aroclor-1...	6.953	6.299	63008	54333	398.494	393.389
23) L5	Aroclor-1...	7.647	6.365	38578	51294	413.803	395.757
24) L5	Aroclor-1...	7.689	6.721	62282	62818	425.034	399.942
25) L5	Aroclor-1...	8.619	6.912	25036	68176	407.415	400.986

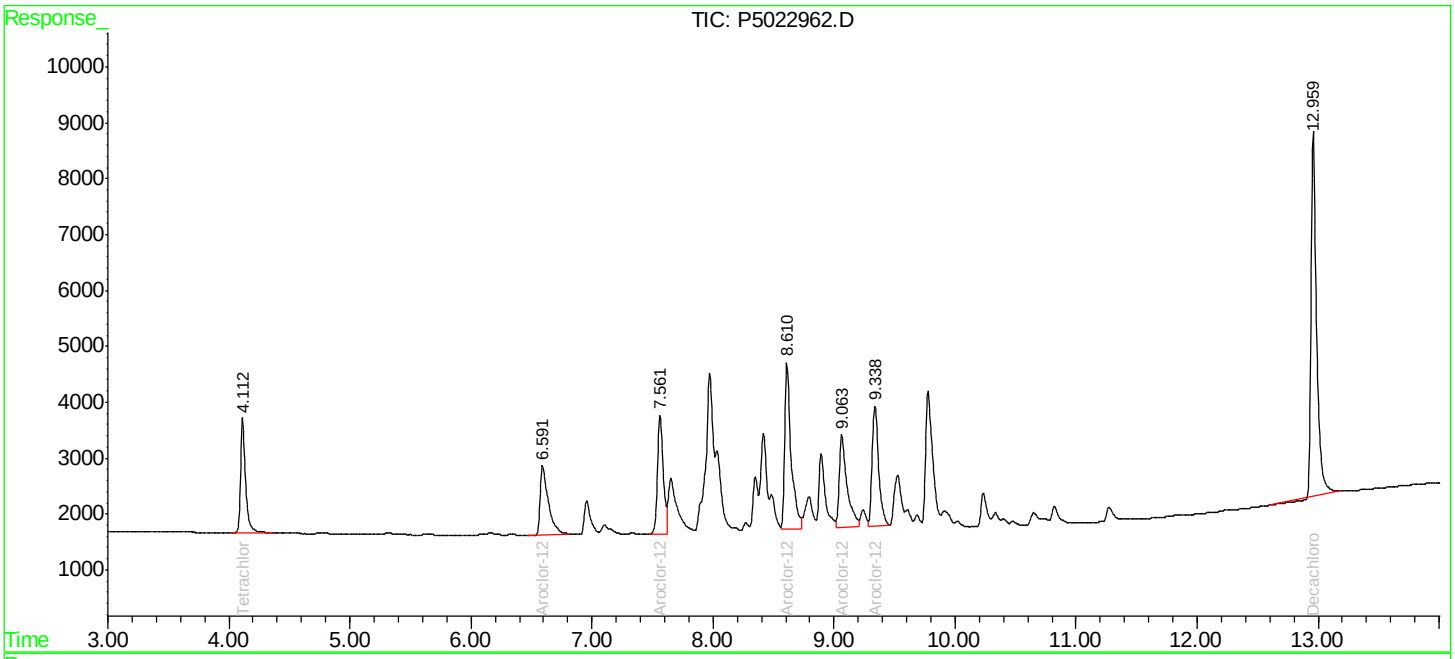
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

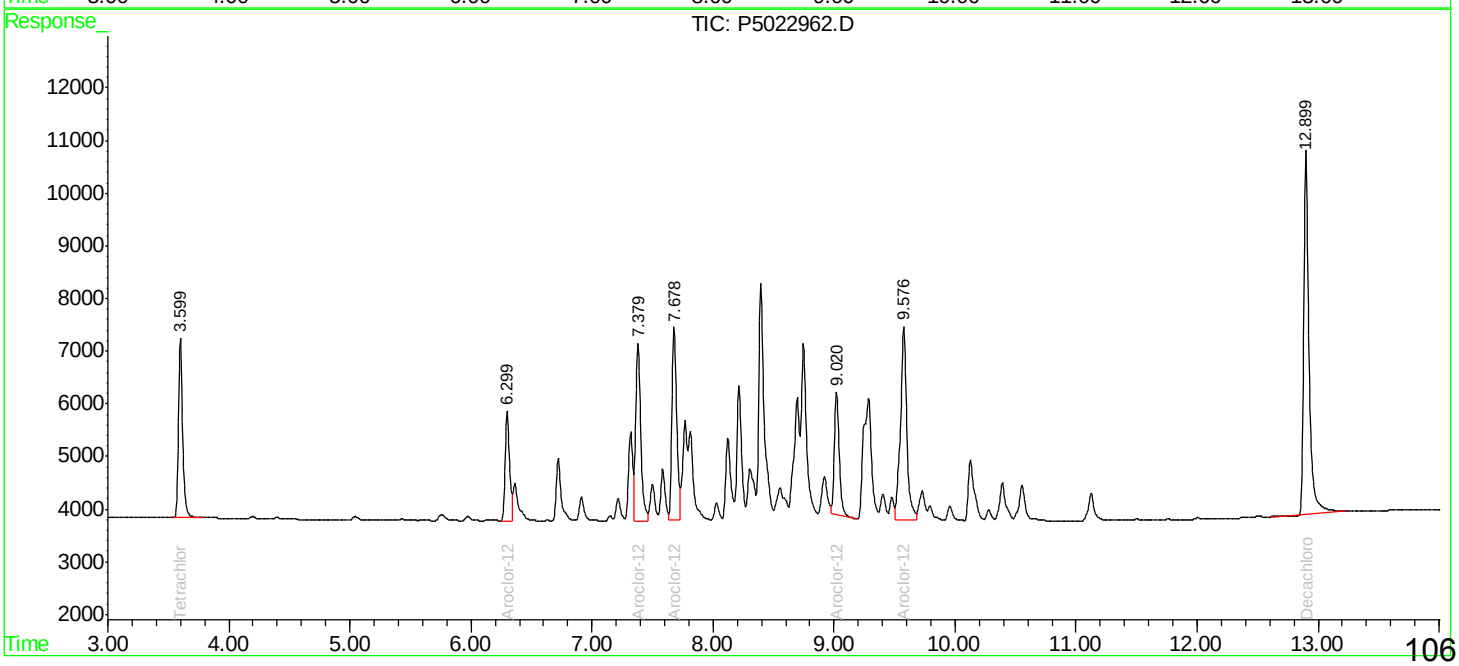
Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022962.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 15:38
Operator : UA
Sample : 1254 400 PPB
Misc : AR1254301
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 13:08:11 2008
Quant Method : S:\HPCHEM1\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022962.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 15:38
Operator : UA
Sample : 1254 400 PPB
Misc : AR1254301
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 13:08:11 2008
Quant Method : S:\HPCHEM1\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.113	3.600	59286	82471	22.143	23.431
2) SA	Decachlor...	12.961	12.901	205409	209800	44.755	45.287
	Target Compounds						
26) L6	Aroclor-1...	6.593	6.300	56476	53022	407.632	400.000
27) L6	Aroclor-1...	7.563	7.381	69026	98457	404.873	400.000
28) L6	Aroclor-1...	8.612	7.679	108373	100061	407.696	400.000
29) L6	Aroclor-1...	9.065	9.022	73460	64748	405.261	409.577
30) L6	Aroclor-1...	9.340	9.578	79995	132228	400.939	400.000

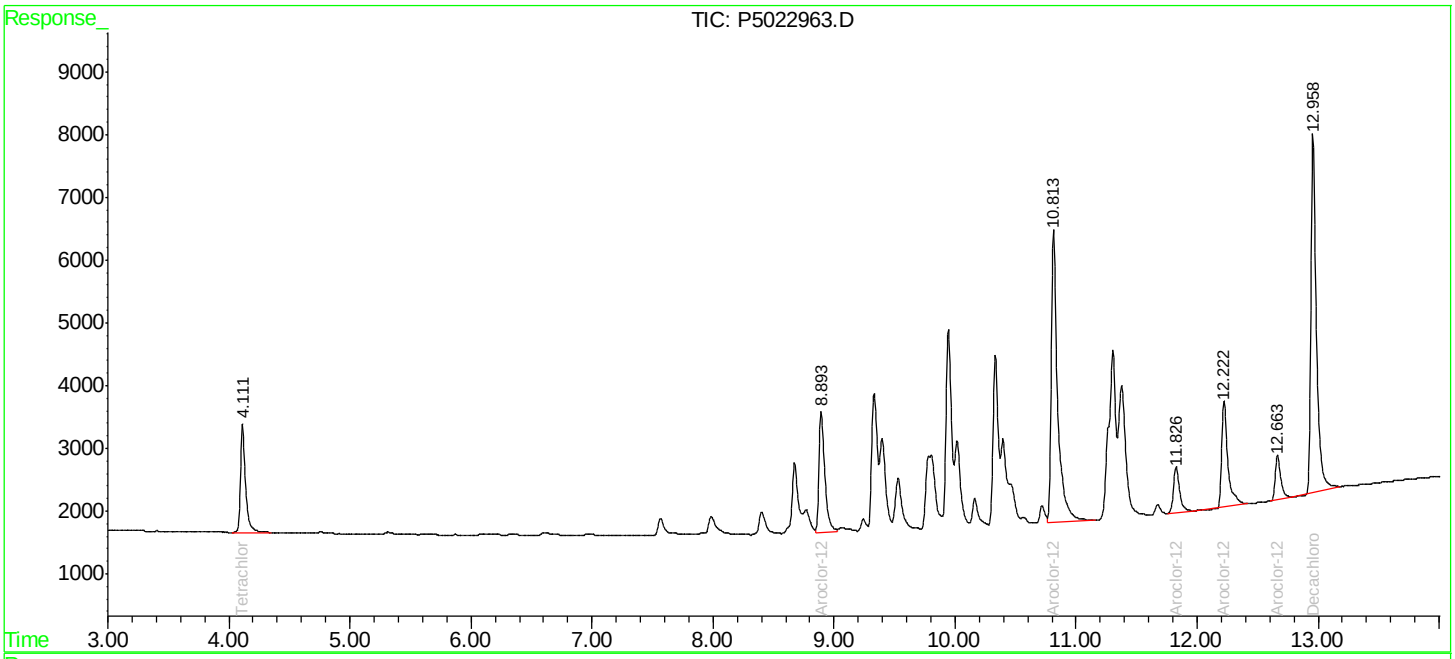
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

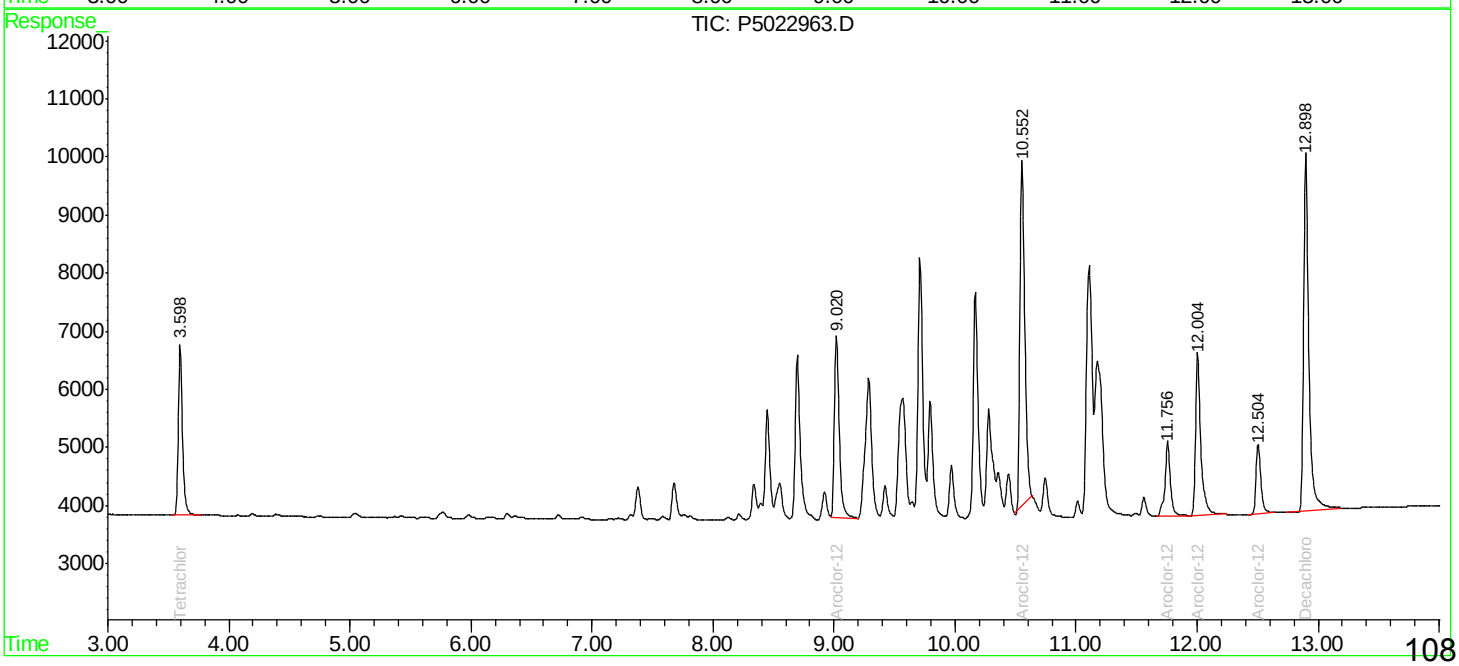
Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022963.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 15:55
Operator : UA
Sample : 1262 400 PPB
Misc : AR1262301
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 13:09:17 2008
Quant Method : S:\HPCHEM1\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022963.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 15:55
Operator : UA
Sample : 1262 400 PPB
Misc : AR1262301
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 13:09:17 2008
Quant Method : S:\HPCHEM1\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.113	3.599	49976	70388	18.666	19.998
2) SA	Decachlor...	12.960	12.900	176909	184352	38.546	39.793
	Target Compounds						
36) L8	Aroclor-1...	8.895	9.021	64588	87126	419.644	397.853
37) L8	Aroclor-1...	10.815	10.554	168325	162077	411.032	339.041
38) L8	Aroclor-1...	11.828	11.758	24735	39898	415.371	400.000
39) L8	Aroclor-1...	12.224	12.005	57176	84354	387.550	400.000
40) L8	Aroclor-1...	12.666	12.506	21971	32289	405.455	400.000

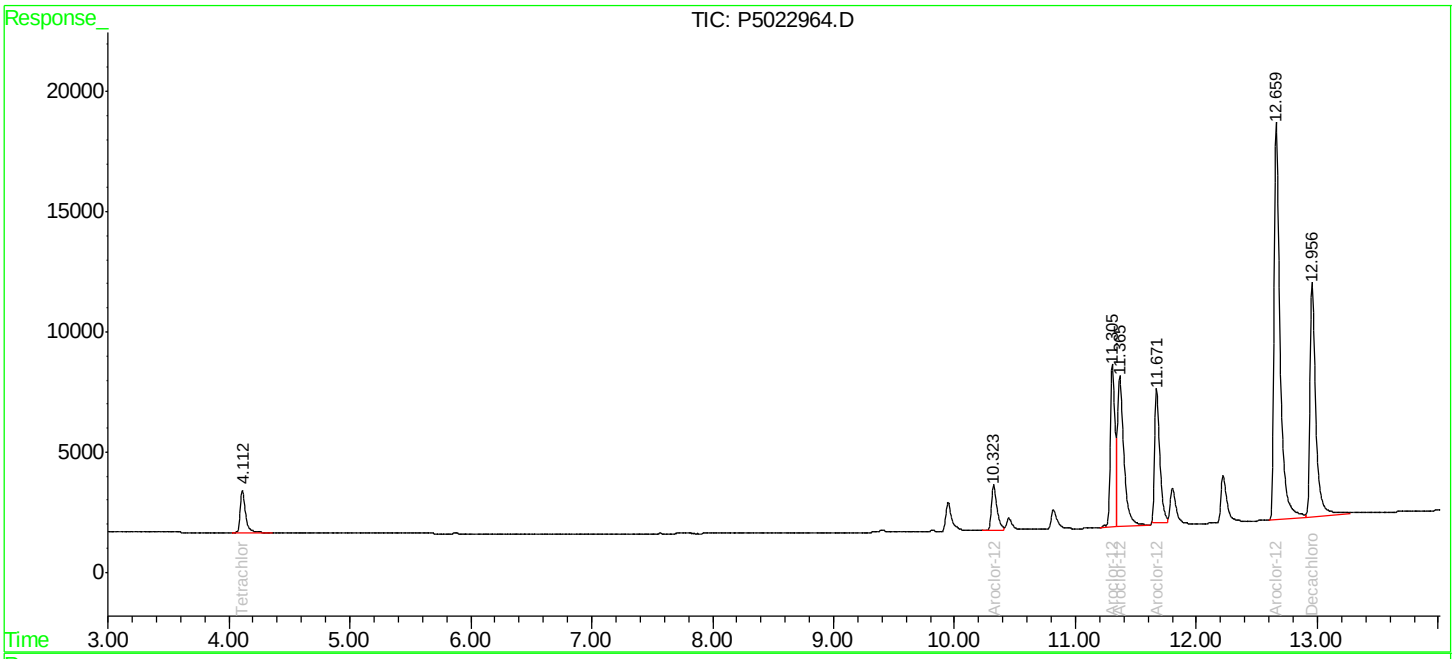
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

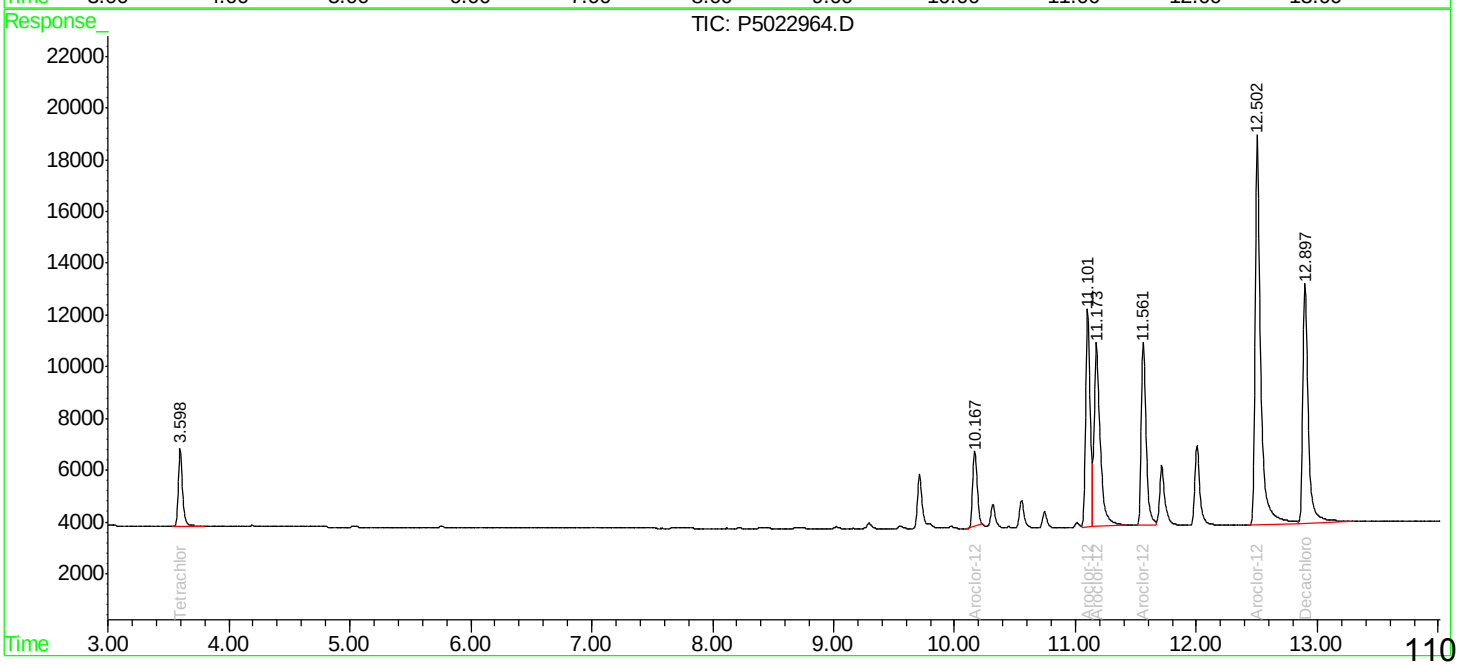
Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022964.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 16:12
Operator : UA
Sample : 1268 400 PPB
Misc : AR1268301
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 13:10:18 2008
Quant Method : S:\HPCHEM1\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022964.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 16:12
Operator : UA
Sample : 1268 400 PPB
Misc : AR1268301
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 13:10:18 2008
Quant Method : S:\HPCHEM1\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.113	3.599	51517	72445	19.242	20.582
2) SA	Decachlor...	12.958	12.899	320815	291886	69.900	63.005
	Target Compounds						
41) L9	Aroclor-1...	10.325	10.169	60537	73626	403.013	359.941
42) L9	Aroclor-1...	11.307	11.103	177661	217677	400.190	400.000
43) L9	Aroclor-1...	11.367	11.175	238441	248694	404.944	400.000
44) L9	Aroclor-1...	11.673	11.562	165046	196544	400.038	400.000
45) L9	Aroclor-1...	12.661	12.504	559375	487047	402.172	400.000

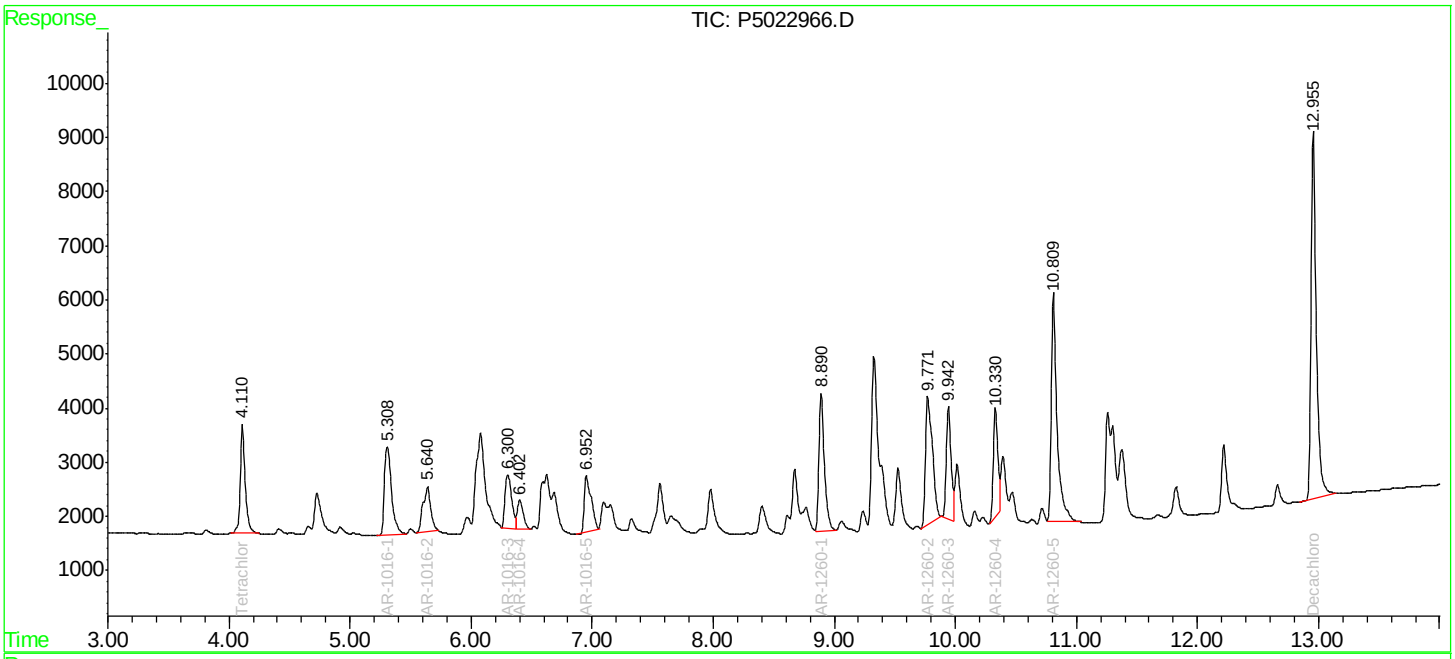
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

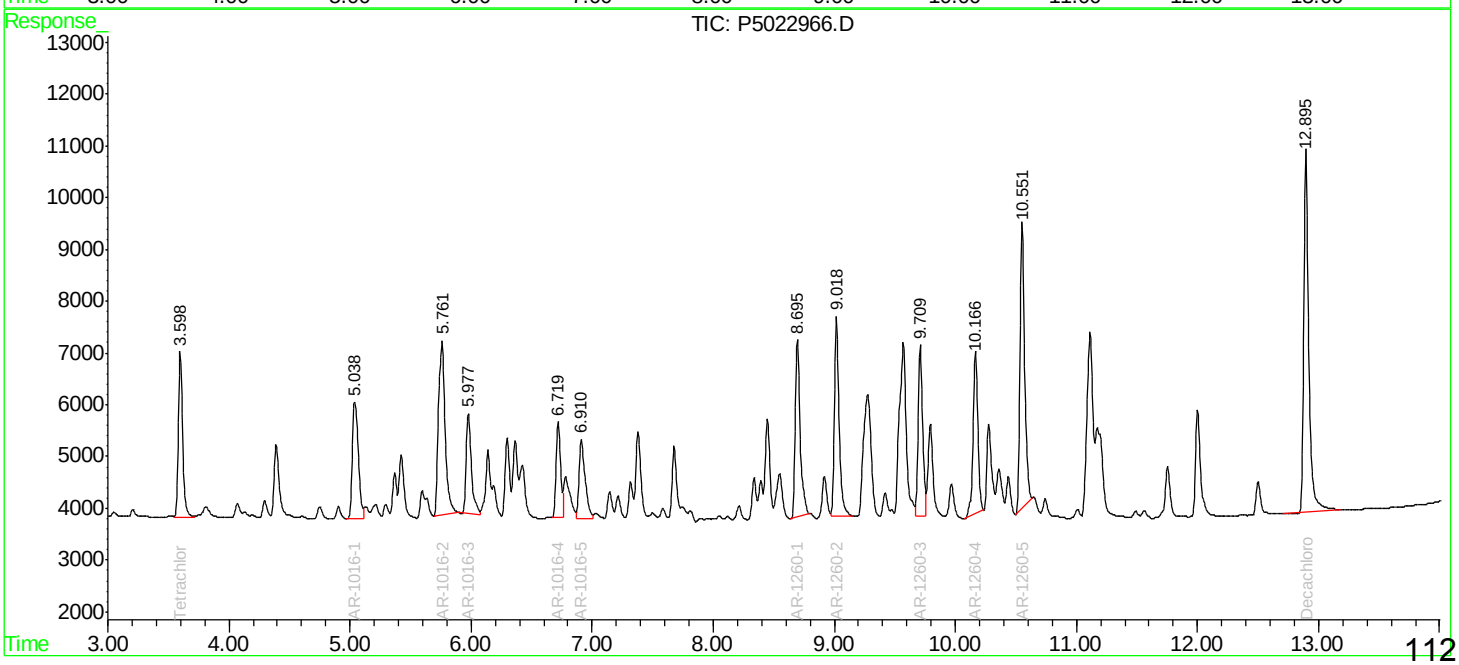
Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022966.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 16:47
Operator : UA
Sample : 1660 400 CCV01
Misc : AR1660302
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 20 20:47:33 2008
Quant Method : \\Terastorage\pestpcbsrv\HPCHEM1\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 20 18:46:09 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022966.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 16:47
Operator : UA
Sample : 1660 400 CCV01
Misc : AR1660302
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 20 20:47:33 2008
Quant Method : \\Terastorage\pestpcbsrv\HPCHEM1\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 20 18:46:09 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.112	3.599	57304	77413	21.403	21.993
2) SA	Decachlor...	12.957	12.897	204435	202599	44.543	43.732
	Target Compounds						
3) L1	AR-1016-1	5.309	5.040	66150	78092	441.085	435.646
4) L1	AR-1016-2	5.641	5.762	36514	128128	418.700	438.373
5) L1	AR-1016-3	6.302	5.978	37494	57341	412.050	425.588
6) L1	AR-1016-4	6.404	6.721	18036	44791	409.715	440.605
7) L1	AR-1016-5	6.953	6.912	40707	52264	385.065	447.021
31) L7	AR-1260-1	8.892	8.696	80247	95710	419.586	407.702
32) L7	AR-1260-2	9.773	9.019	93767	105596	429.316	437.228
33) L7	AR-1260-3	9.944	9.711	57672	87907	431.252	424.310
34) L7	AR-1260-4	10.332	10.168	53081	83684	383.946	430.653
35) L7	AR-1260-5	10.811	10.552	141444	145668	442.434	425.728

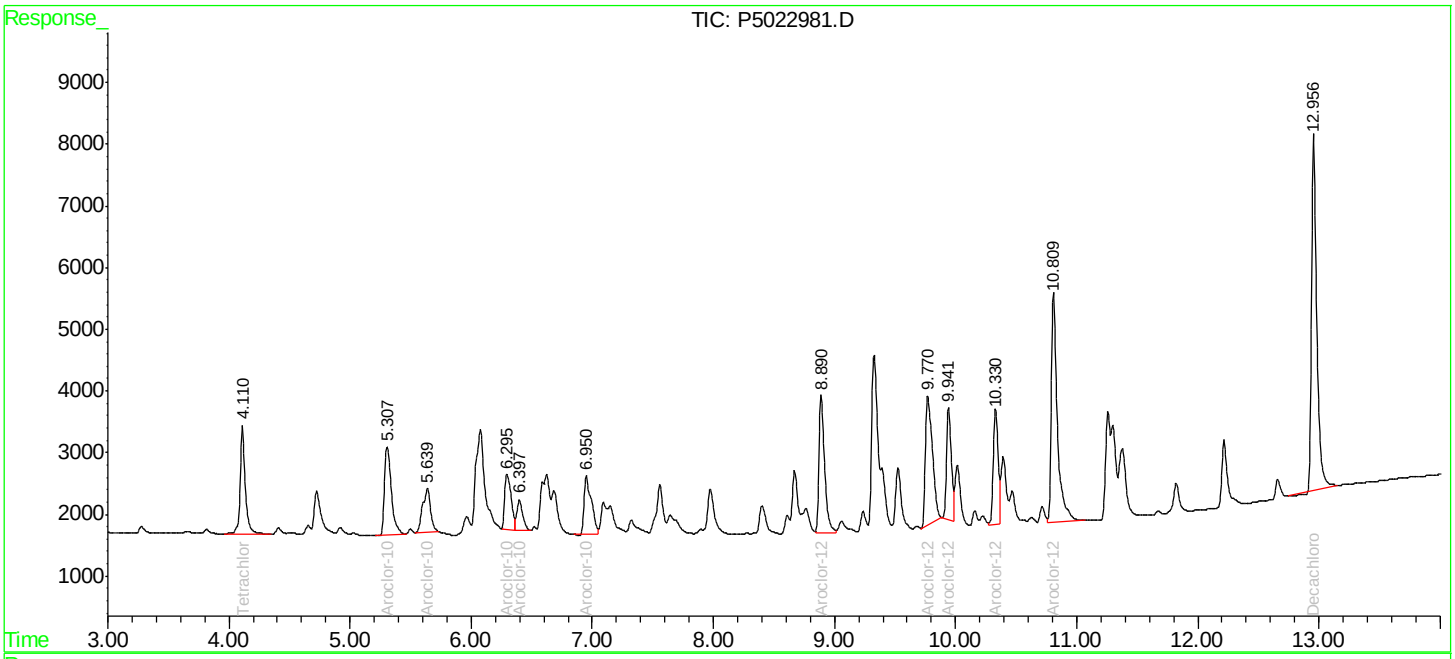
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

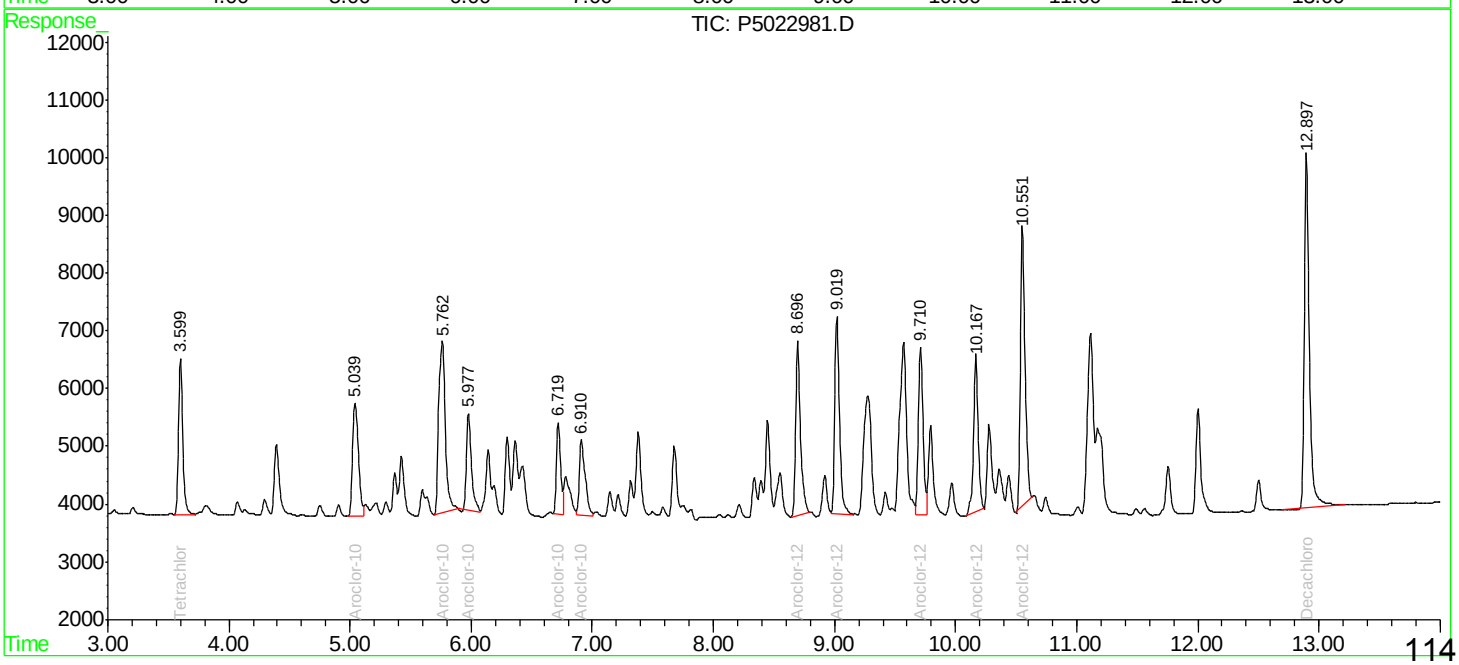
Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022981.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 22:06
Operator : UA
Sample : 1660 400 CCV02
Misc : AR1660303
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 14:24:05 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022981.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 22:06
Operator : UA
Sample : 1660 400 CCV02
Misc : AR1660303
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 14:24:05 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.111	3.600	52377	65562	19.563	18.626
2) SA	Decachlor...	12.958	12.899	173020	178379	37.698	38.504
	Target Compounds						
3) L1	Aroclor-1...	5.308	5.041	56735	67734	378.307	377.866
4) L1	Aroclor-1...	5.640	5.763	32459	111732	372.199	382.273
5) L1	Aroclor-1...	6.297	5.979	33110	47834	363.872	355.027
6) L1	Aroclor-1...	6.399	6.721	16533	38066	375.572	374.452
7) L1	Aroclor-1...	6.951	6.912	39674	43695	375.296	373.725
31) L7	Aroclor-1...	8.891	8.697	71397	84024	373.310	357.920
32) L7	Aroclor-1...	9.771	9.020	82236	92947	376.521	384.854
33) L7	Aroclor-1...	9.943	9.712	49823	76760	372.566	370.505
34) L7	Aroclor-1...	10.331	10.169	52143	73078	377.163	376.076
35) L7	Aroclor-1...	10.810	10.553	126856	129387	396.804	378.144

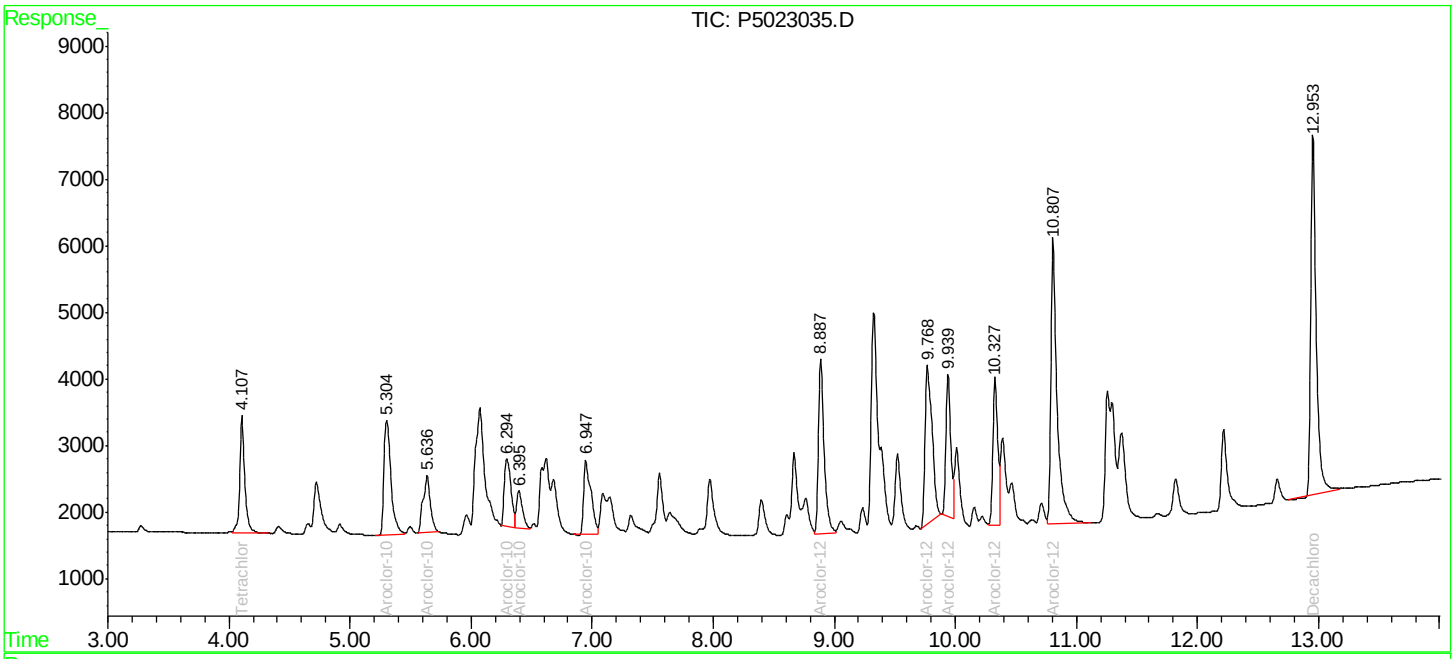
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

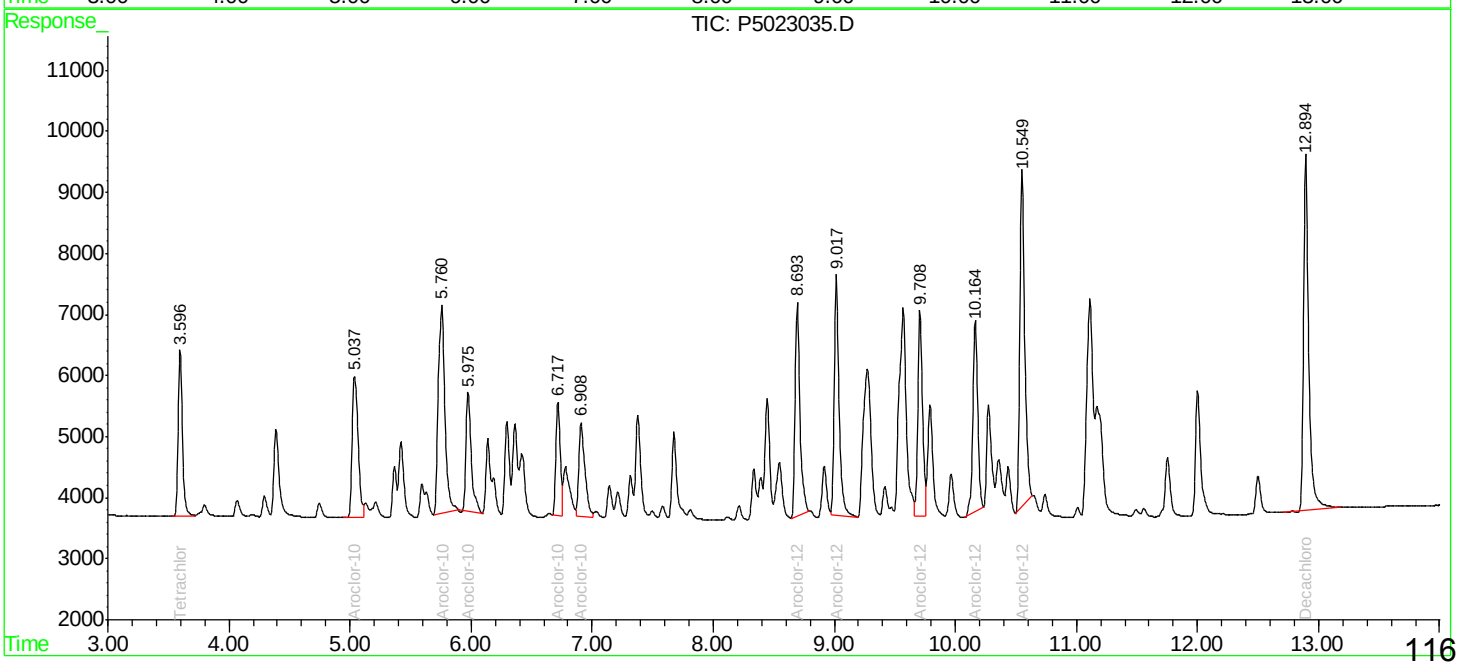
Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102208\
Data File : P5023035.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Oct 2008 18:43
Operator : UA
Sample : 1660 400 CCV03
Misc : AR1660304
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 15:44:15 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102208\
Data File : P5023035.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Oct 2008 18:43
Operator : UA
Sample : 1660 400 CCV03
Misc : AR1660304
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 15:44:15 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.108	3.597	52091	65630	19.456	18.646
2) SA	Decachlor...	12.955	12.895	167681	174537	36.535	37.675
	Target Compounds						
3) L1	Aroclor-1...	5.305	5.038	69185	80376	461.317	448.390
4) L1	Aroclor-1...	5.638	5.761	35604	129165	408.260	441.919
5) L1	Aroclor-1...	6.295	5.977	38450	59063	422.561	438.365
6) L1	Aroclor-1...	6.397	6.719	18926	44978	429.947	442.443
7) L1	Aroclor-1...	6.948	6.910	47239	52504	446.853	449.071
31) L7	Aroclor-1...	8.889	8.695	86024	97395	449.792	414.879
32) L7	Aroclor-1...	9.770	9.018	95758	110683	438.430	458.292
33) L7	Aroclor-1...	9.940	9.709	58977	91441	441.017	441.367
34) L7	Aroclor-1...	10.329	10.166	61812	85413	447.099	439.550
35) L7	Aroclor-1...	10.808	10.551	153254	152793	479.378	446.552

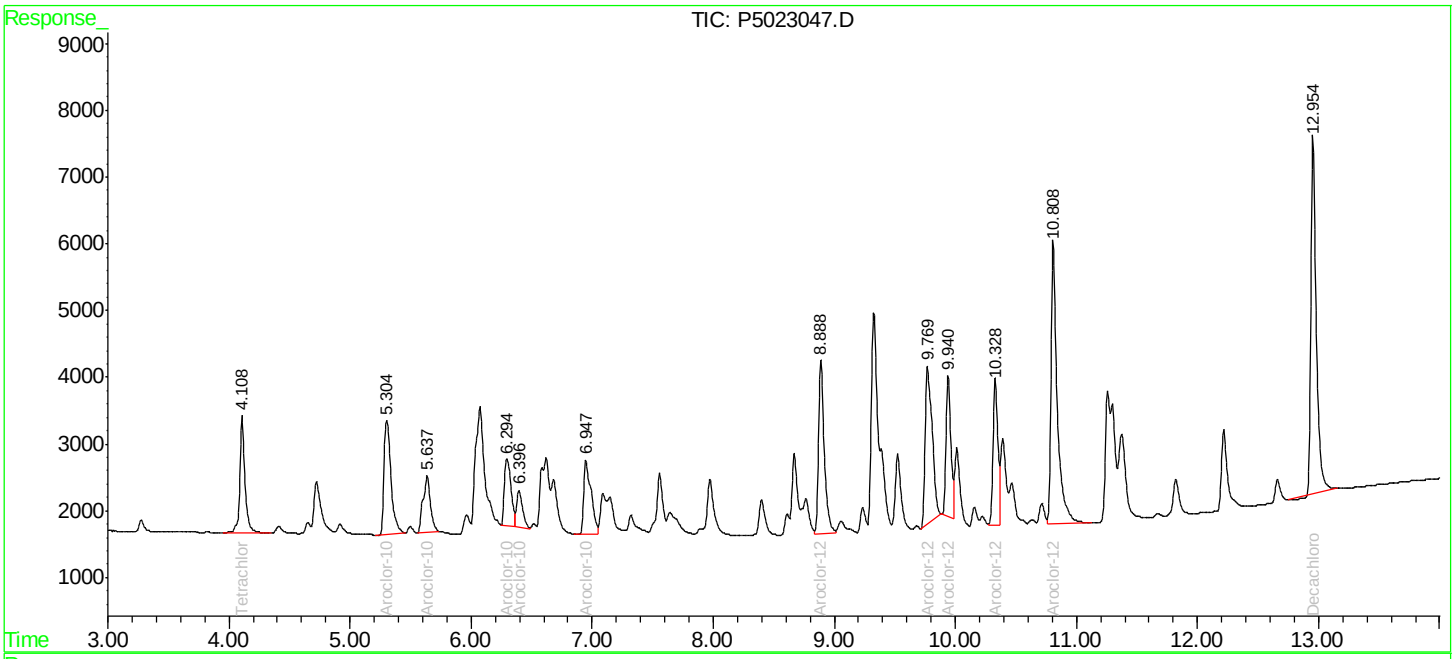
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

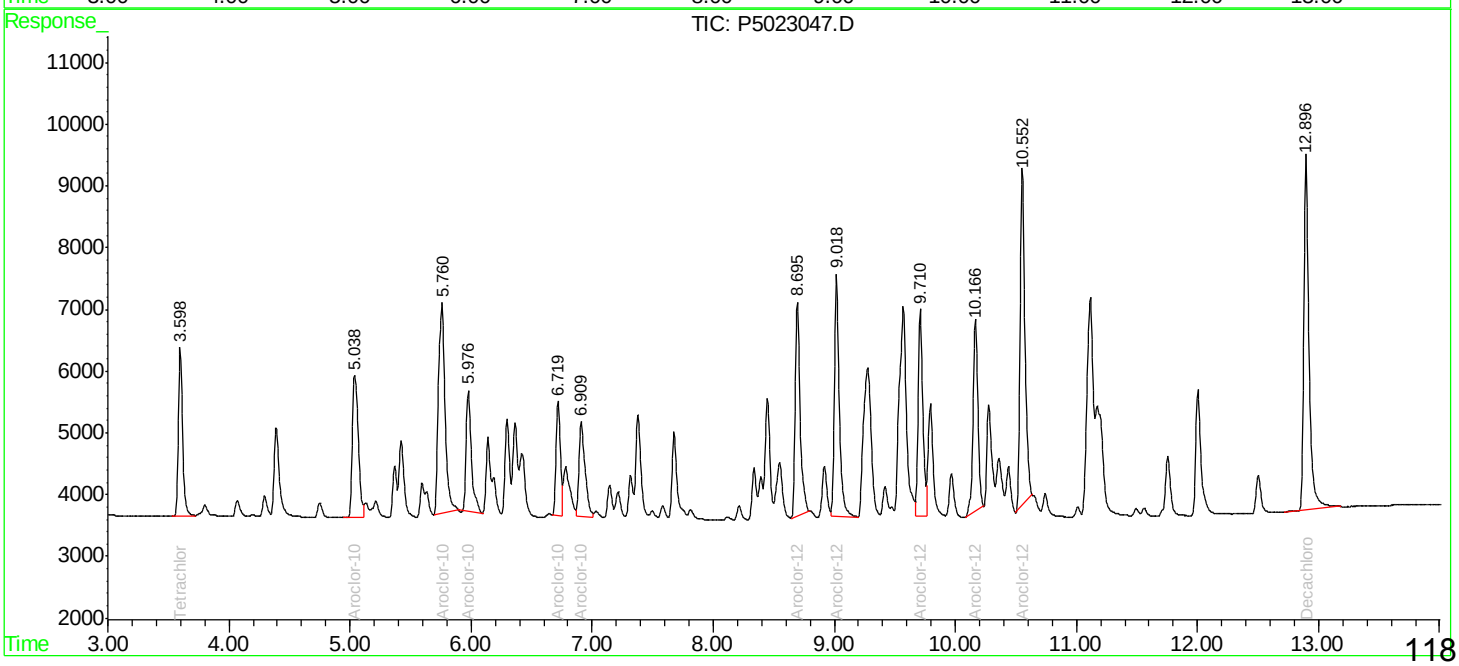
Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102208\
Data File : P5023047.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Oct 2008 22:08
Operator : UA
Sample : 1660 400 CCV04
Misc : AR1660306
ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 16:11:07 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102208\
Data File : P5023047.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Oct 2008 22:08
Operator : UA
Sample : 1660 400 CCV04
Misc : AR1660306
ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 16:11:07 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
1)	SA	Tetrachlo...	4.109	3.599	52019	65370	19.429	18.572
2)	SA	Decachlor...	12.956	12.898	164593	173163	35.862	37.378
		Target Compounds						
3)	L1	Aroclor-1...	5.305	5.040	68587	80155	457.333	447.159
4)	L1	Aroclor-1...	5.639	5.762	35418	128488	406.130	439.602
5)	L1	Aroclor-1...	6.296	5.978	38502	58962	423.134	437.614
6)	L1	Aroclor-1...	6.398	6.720	19010	45039	431.859	443.047
7)	L1	Aroclor-1...	6.949	6.911	47089	52374	445.434	447.963
31)	L7	Aroclor-1...	8.890	8.696	85072	96747	444.817	412.120
32)	L7	Aroclor-1...	9.771	9.020	94695	110132	433.566	456.010
33)	L7	Aroclor-1...	9.942	9.711	58581	90695	438.050	437.766
34)	L7	Aroclor-1...	10.330	10.167	61448	84244	444.463	433.538
35)	L7	Aroclor-1...	10.810	10.553	151586	149716	474.160	437.556

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

CHEMTECH

PESTICIDE/PCB RAW QC DATA

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PB37175BL

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: PB37175BL

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P5023038.D

% Moisture: Decanted:(Y/N) N Date Received:

Extraction:(Type) SEPF Date Extracted: 10/13/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/22/2008

Injection Volume: 1.0 (uL) GPC Factor: 0.0 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

Acid Cleanup: (Y/N) N

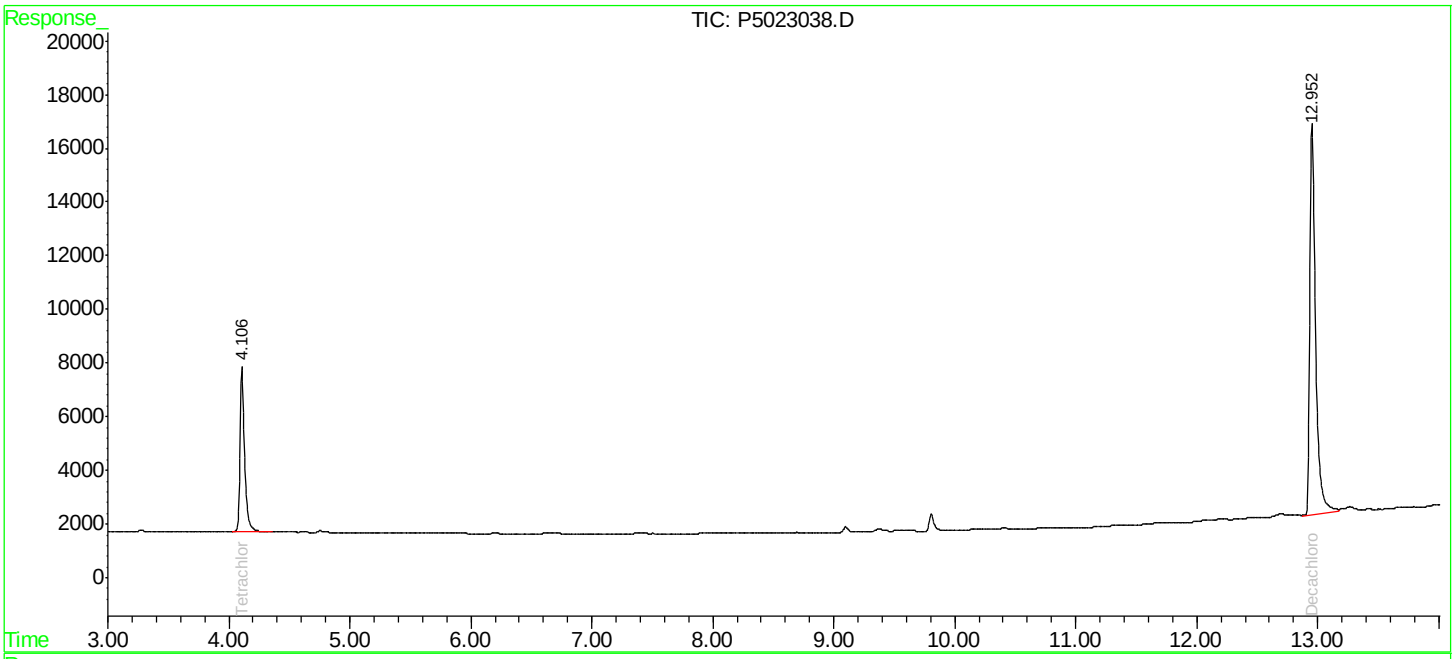
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

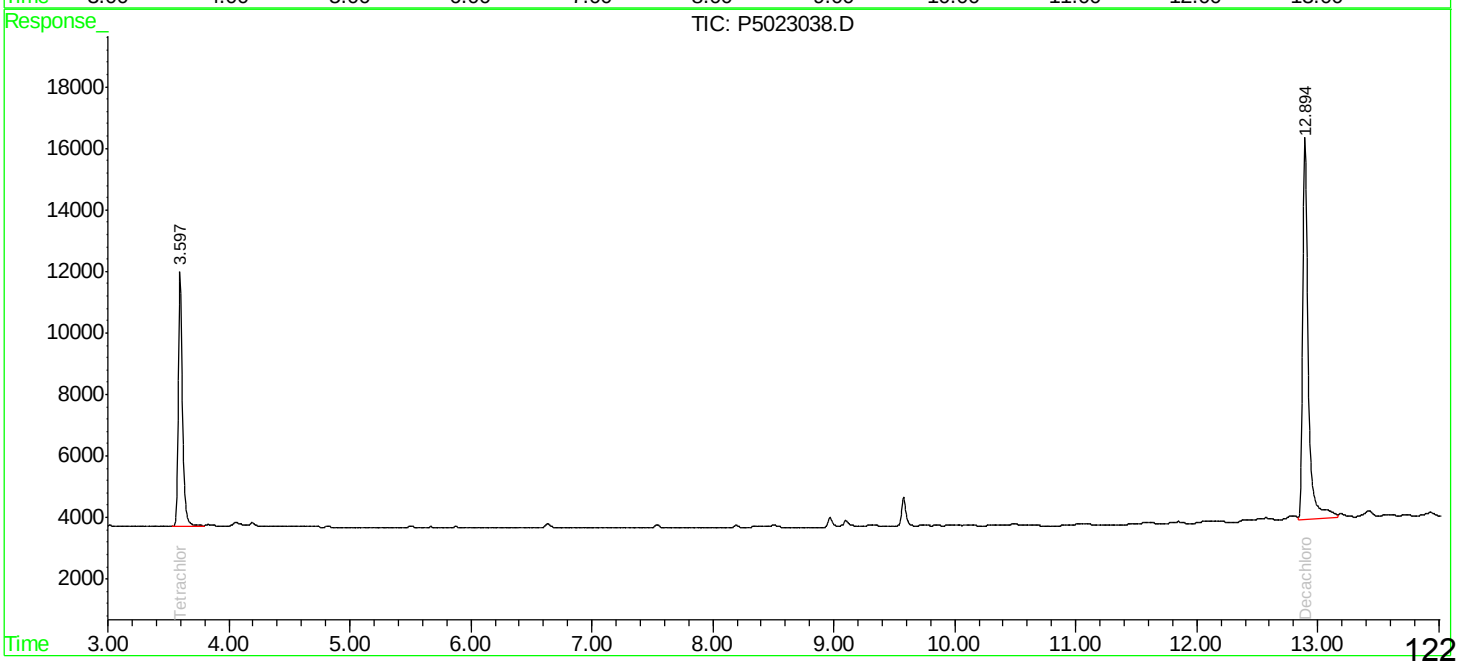
Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102208\
Data File : P5023038.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Oct 2008 19:34
Operator : UA
Sample : PB37175BL
Misc :
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 16:42:05 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PB37175BL

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: PB37175BL

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P5023038.D

% Moisture: Decanted:(Y/N) N Date Received:

Extraction:(Type) SEP Date Extracted: 10/13/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/22/2008

Injection Volume: 1.0 (uL) GPC Factor: 0.0 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

Acid Cleanup: (Y/N) N

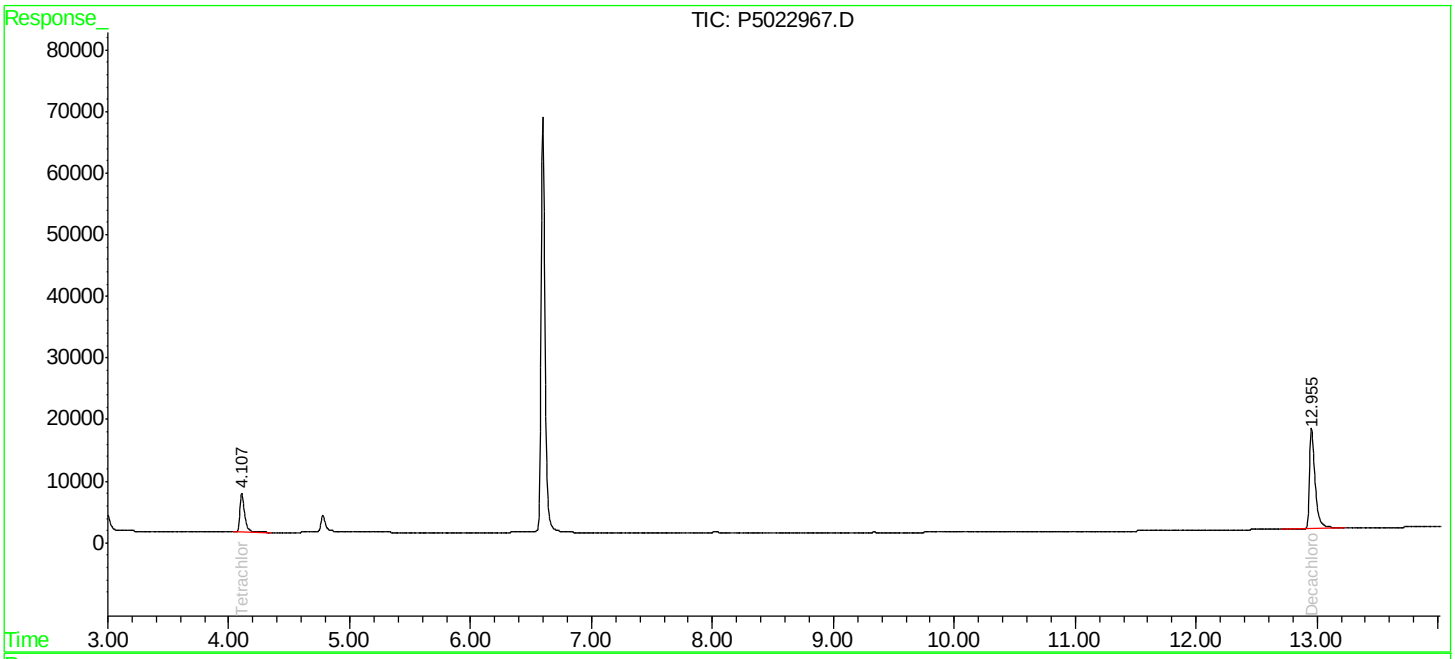
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

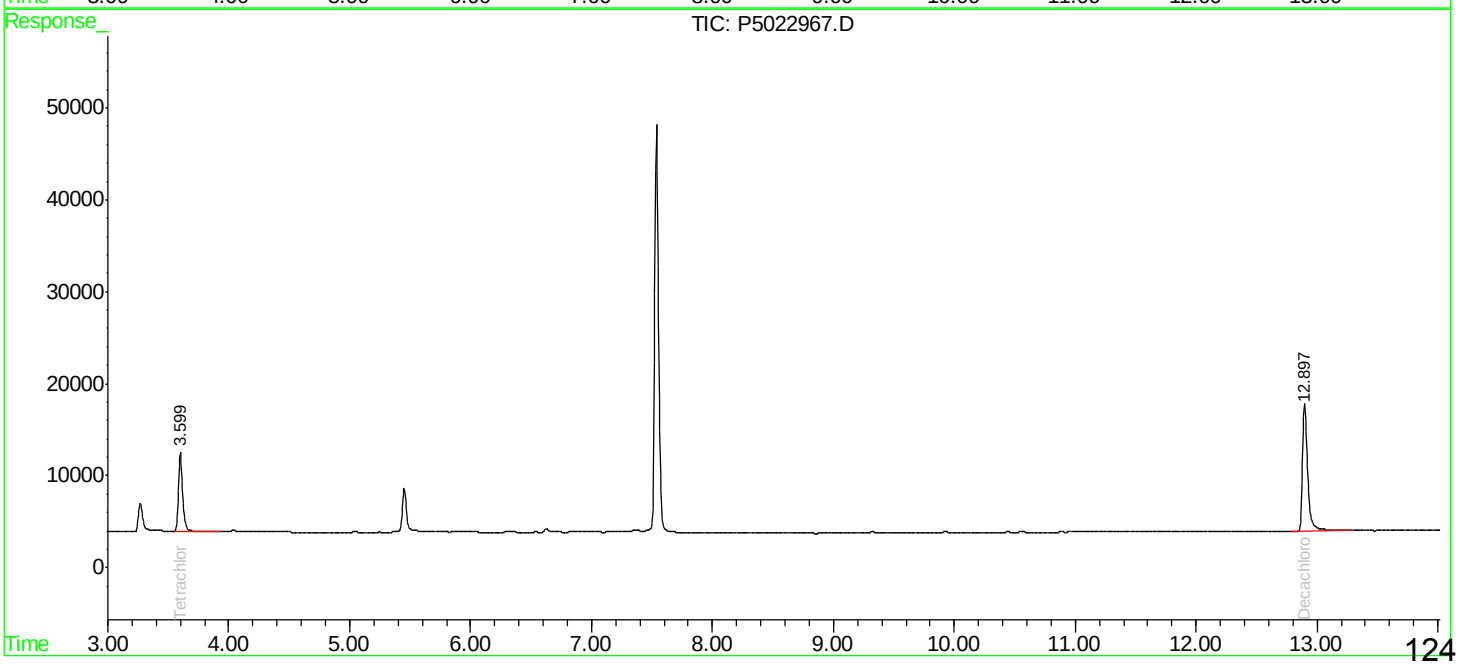
Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022967.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 17:21
Operator : UA
Sample : PB37221BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 13:55:53 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022967.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 17:21
Operator : UA
Sample : PB37221BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 13:55:53 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds							
1) SA	Tetrachlo...	4.109	3.600	166389	215197	62.147	61.139
2) SA	Decachlor...	12.957	12.899	508740	413480	110.846	89.252
Target Compounds							

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PIBLK01

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: I.BLK01

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P5022952.D

% Moisture: Decanted:(Y/N) N Date Received:

Extraction:(Type) Date Extracted:

Concentrated Extract Volume: (uL) Date Analyzed: 10/20/2008

Injection Volume: 1.0 (uL) GPC Factor: 0.0 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

Acid Cleanup: (Y/N) N

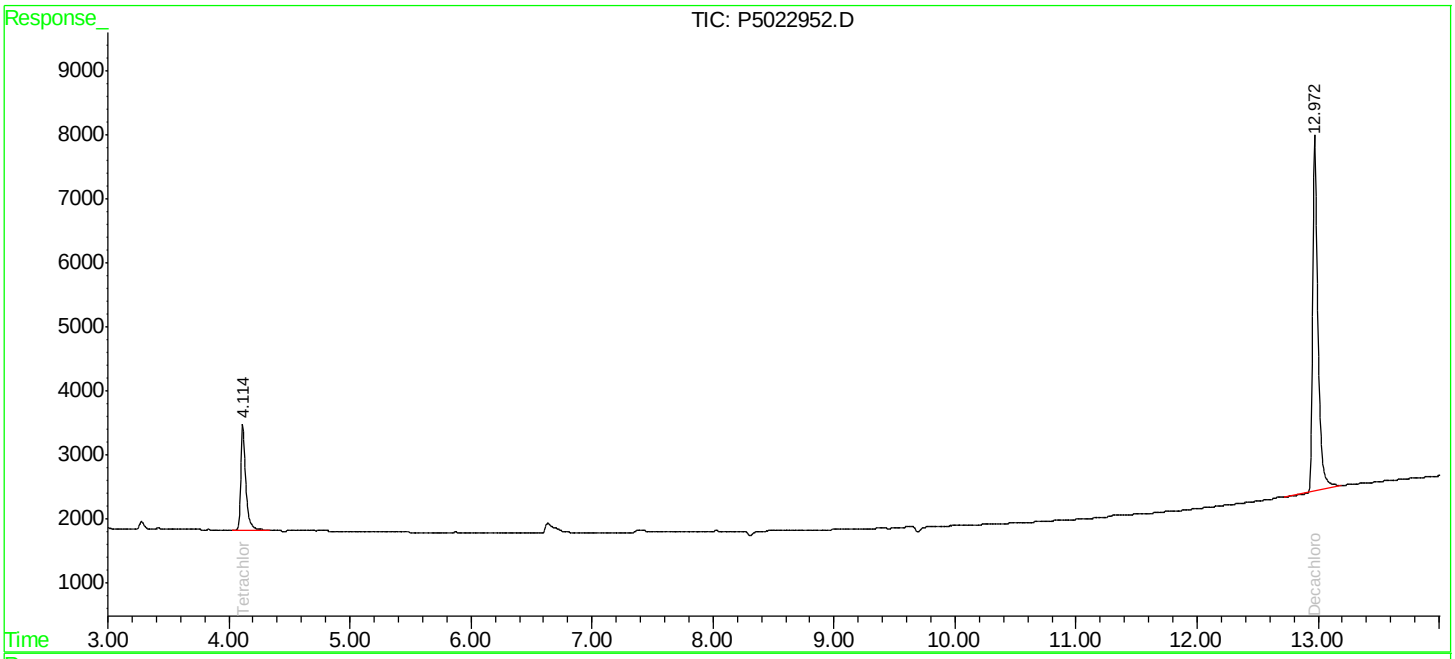
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

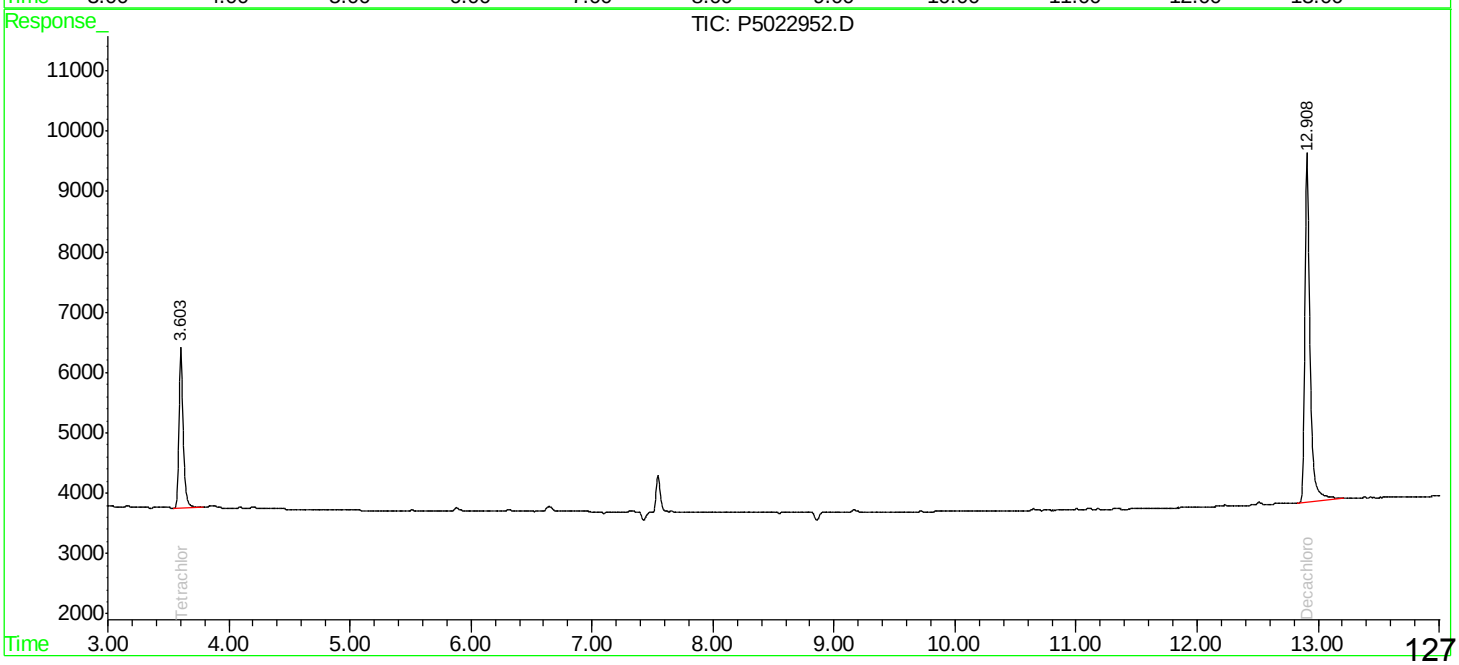
Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022952.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 11:18
Operator : UA
Sample : I.BLK01
Misc : AIBLK01
ALS Vial : 1 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 12:49:39 2008
Quant Method : S:\HPCHEM1\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022952.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 11:18
Operator : UA
Sample : I.BLK01
Misc : AIBLK01
ALS Vial : 1 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 12:49:39 2008
Quant Method : S:\HPCHEM1\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds						
1) SA Tetrachlo...	4.115	3.604	47251	65045	17.648	18.480
2) SA Decachlor...	12.973	12.909	166395	172688	36.255	37.276
Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PIBLK02

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: I.BLK02

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P5022965.D

% Moisture: Decanted:(Y/N) N Date Received:

Extraction:(Type) Date Extracted:

Concentrated Extract Volume: (uL) Date Analyzed: 10/20/2008

Injection Volume: 1.0 (uL) GPC Factor: 0.0 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

Acid Cleanup: (Y/N) N

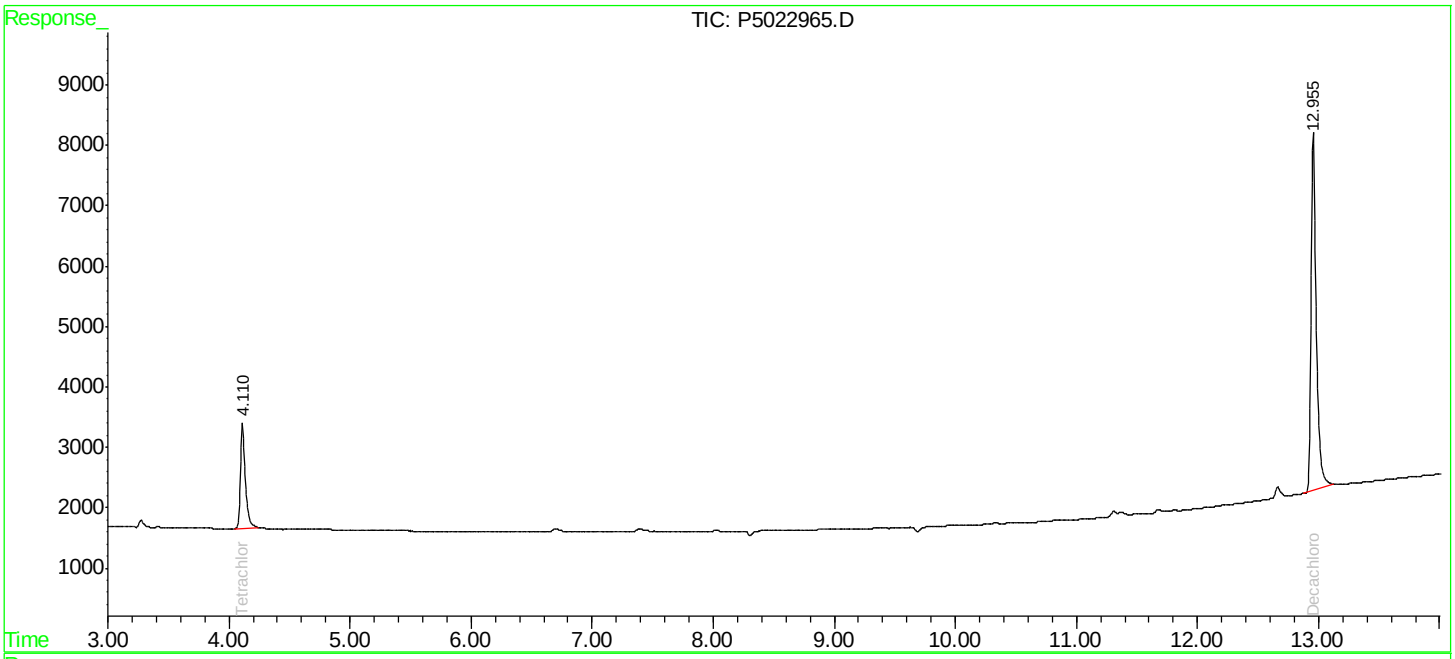
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

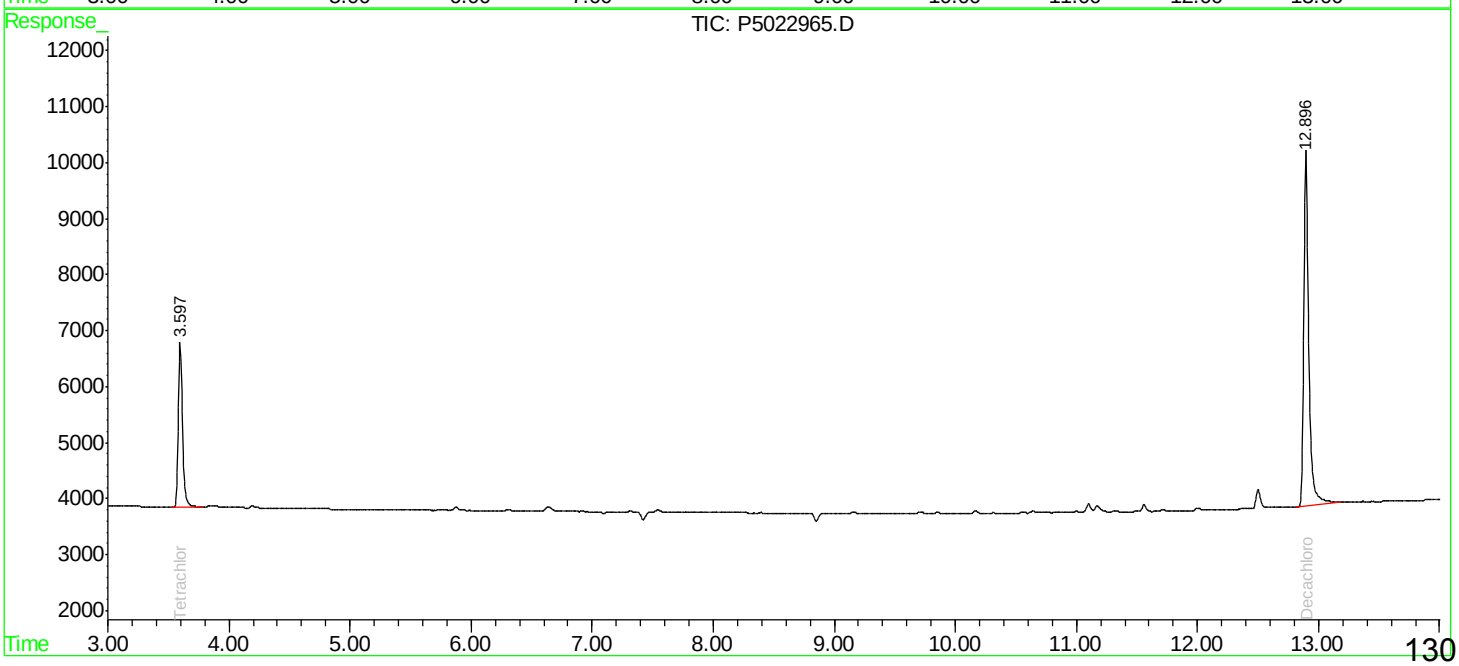
Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022965.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 16:29
Operator : UA
Sample : I.BLK02
Misc : AIBLK02
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 20 23:03:49 2008
Quant Method : \\Terastorage\pestpcbsrv\HPCHEM1\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 20 18:46:09 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022965.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 16:29
Operator : UA
Sample : I.BLK02
Misc : AIBLK02
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 20 23:03:49 2008
Quant Method : \\Terastorage\pestpcbsrv\HPCHEM1\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 20 18:46:09 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds						
1) SA Tetrachlo...	4.112	3.598	48496	70426	18.113	20.009
2) SA Decachlor...	12.957	12.897	177646	183206	38.706	39.546
Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PIBLK03

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: I.BLK03

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P5022980.D

% Moisture: Decanted:(Y/N) N Date Received:

Extraction:(Type) Date Extracted:

Concentrated Extract Volume: (uL) Date Analyzed: 10/20/2008

Injection Volume: 1.0 (uL) GPC Factor: 0.0 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

Acid Cleanup: (Y/N) N

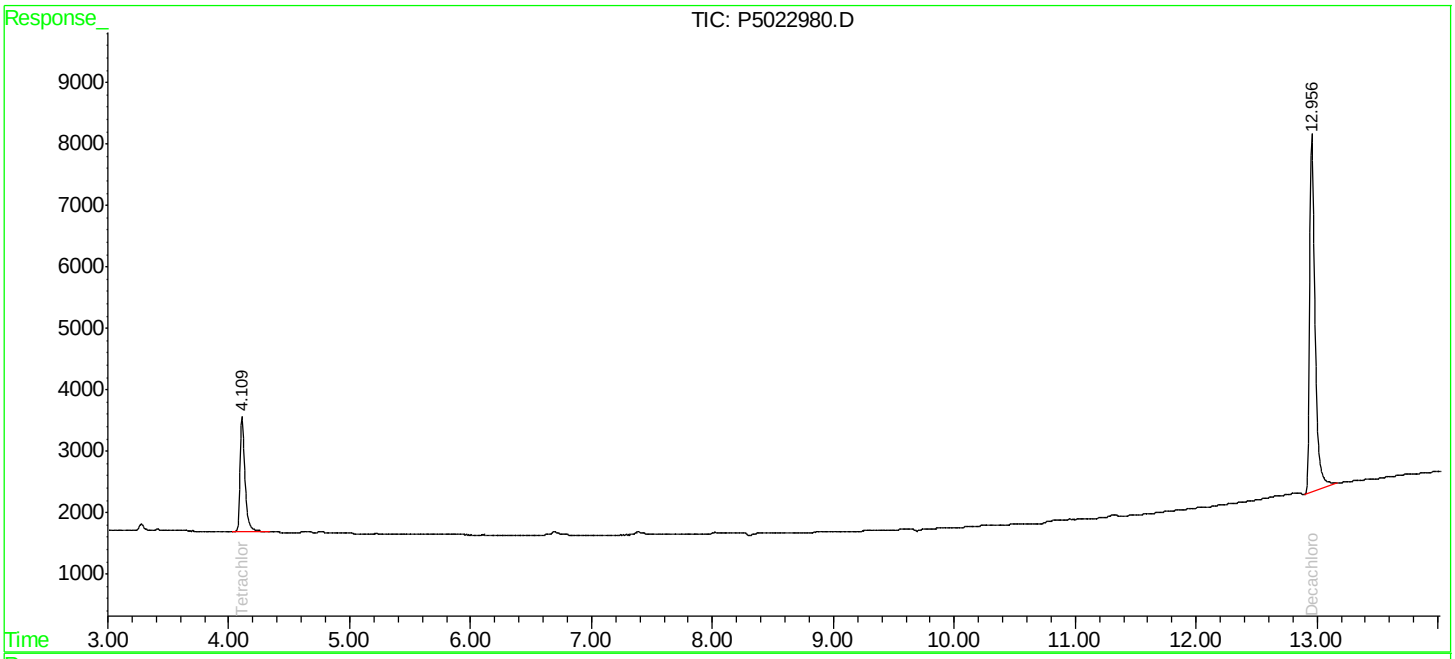
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

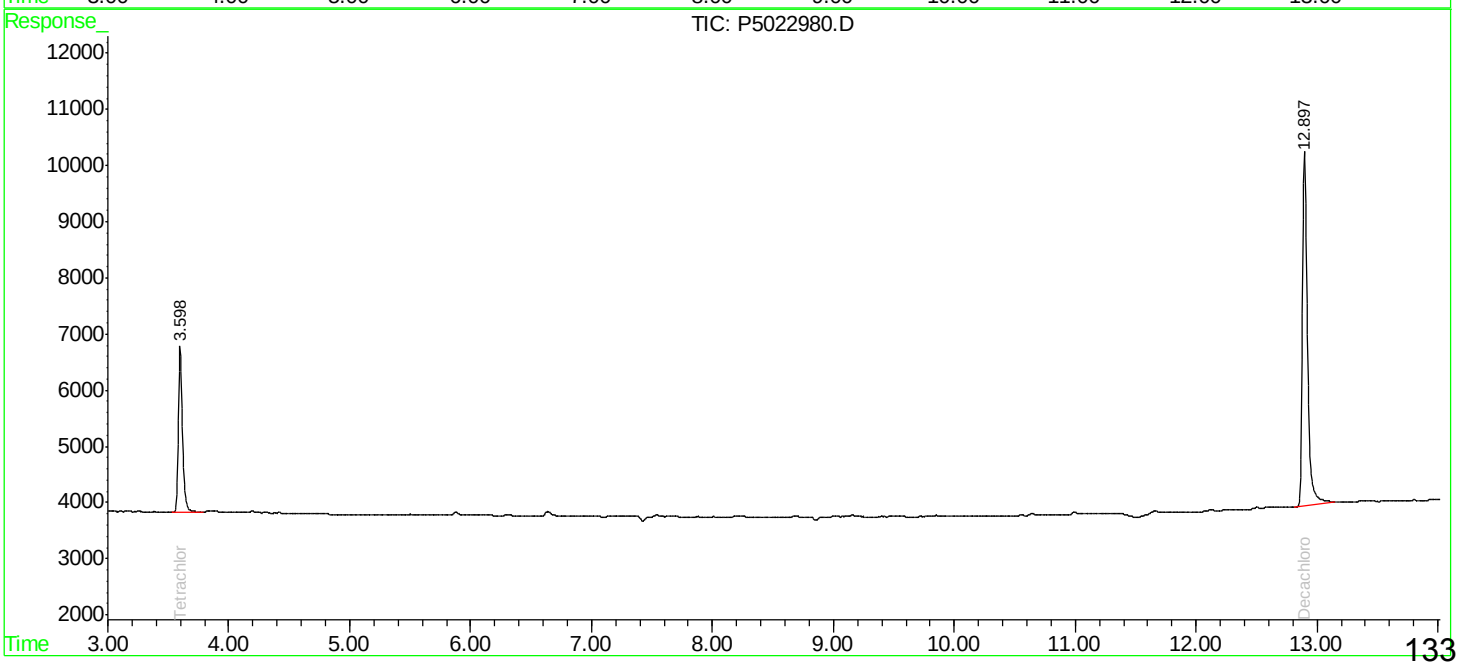
Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022980.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 21:49
Operator : UA
Sample : I.BLK03
Misc : AIBLK03
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 14:23:15 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022980.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 21:49
Operator : UA
Sample : I.BLK03
Misc : AIBLK03
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 14:23:15 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.111	3.599	51751	70830	19.329	20.123
2) SA	Decachlor...	12.957	12.898	178313	180193	38.851	38.896
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PB37221BL

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: PB37221BL

Sample wt/vol: 30 (g/mL) g Lab File ID: P5022967.D

% Moisture: 0 Decanted:(Y/N) N Date Received:

Extraction:(Type) SOXH Date Extracted: 10/14/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/20/2008

Injection Volume: 1.0 (uL) GPC Factor: 0.0 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

Acid Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	33	U
11104-28-2	Aroclor-1221	33	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	33	U
37324-23-5	Aroclor-1262	33	U
11100-14-4	Aroclor-1268	33	U

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PIBLK04

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: I.BLK04

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P5023034.D

% Moisture: Decanted:(Y/N) N Date Received:

Extraction:(Type) Date Extracted:

Concentrated Extract Volume: (uL) Date Analyzed: 10/22/2008

Injection Volume: 1.0 (uL) GPC Factor: 0.0 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

Acid Cleanup: (Y/N) N

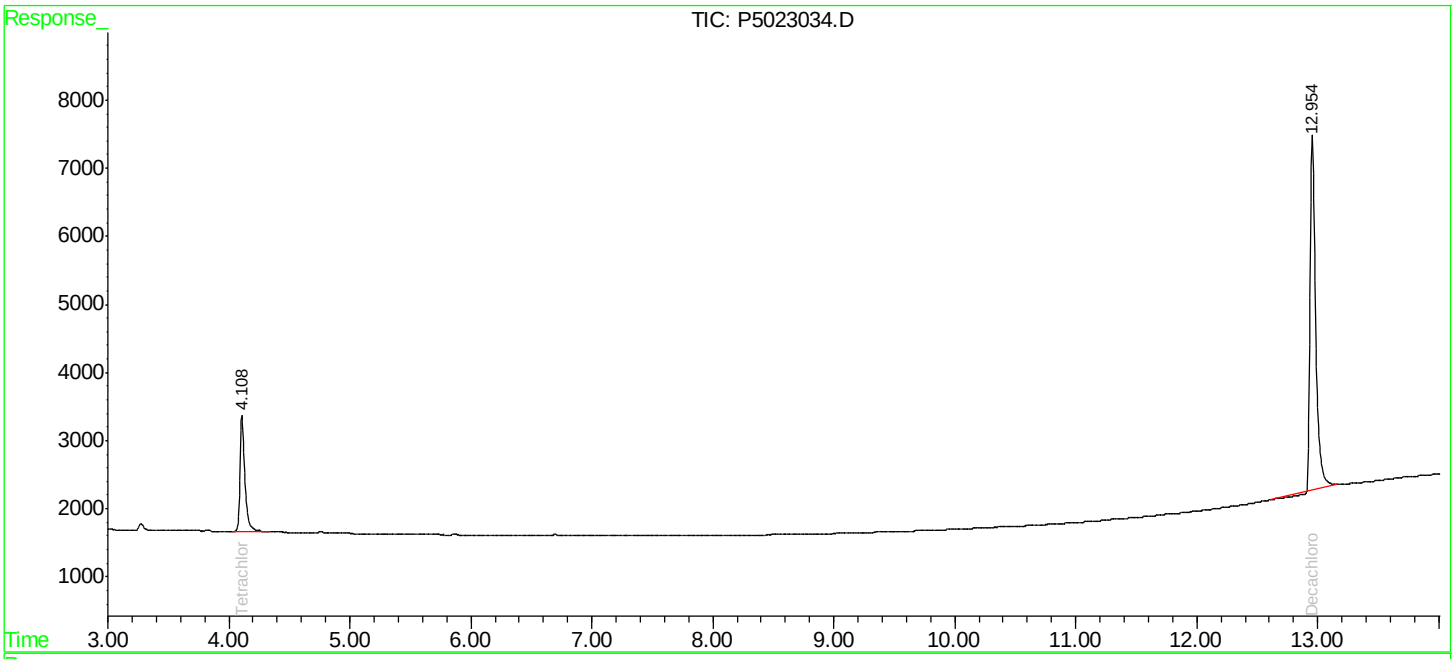
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

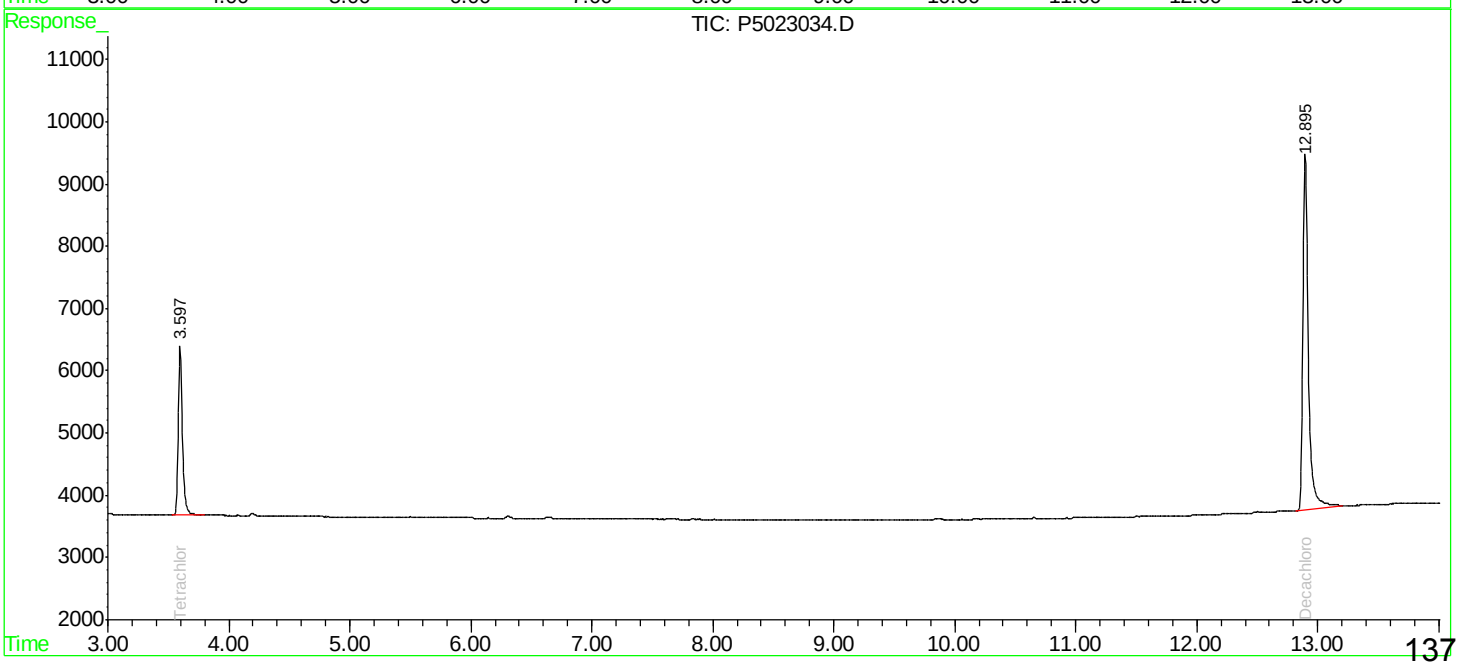
Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102208\
Data File : P5023034.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Oct 2008 18:26
Operator : UA
Sample : I.BLK03
Misc : ALBLK03
ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 15:43:18 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102208\
Data File : P5023034.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Oct 2008 18:26
Operator : UA
Sample : I.BLK03
Misc : ALBLK03
ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 15:43:18 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds						
1) SA Tetrachlo...	4.109	3.599	47364	65483	17.690	18.604
2) SA Decachlor...	12.956	12.897	163342	176499	35.590	38.098
Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PIBLK05

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: I.BLK05

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P5023046.D

% Moisture: Decanted:(Y/N) N Date Received:

Extraction:(Type) Date Extracted:

Concentrated Extract Volume: (uL) Date Analyzed: 10/22/2008

Injection Volume: 1.0 (uL) GPC Factor: 0.0 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

Acid Cleanup: (Y/N) N

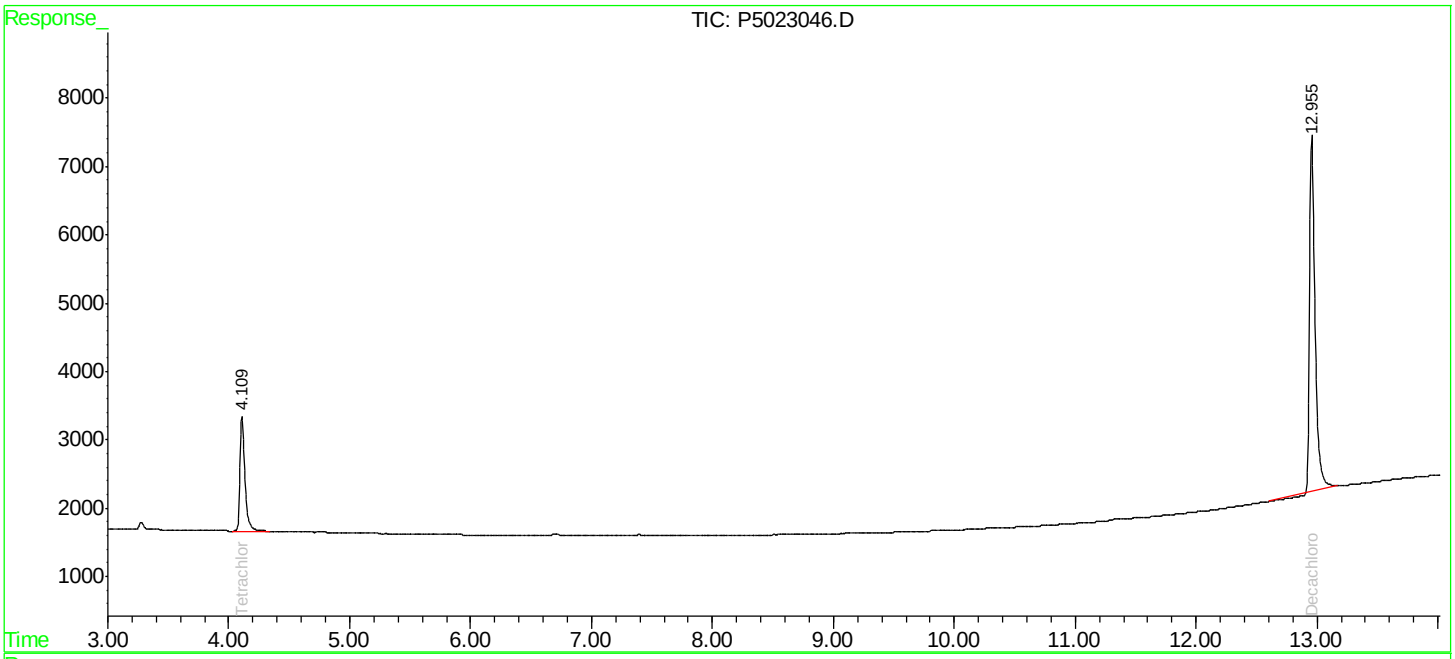
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

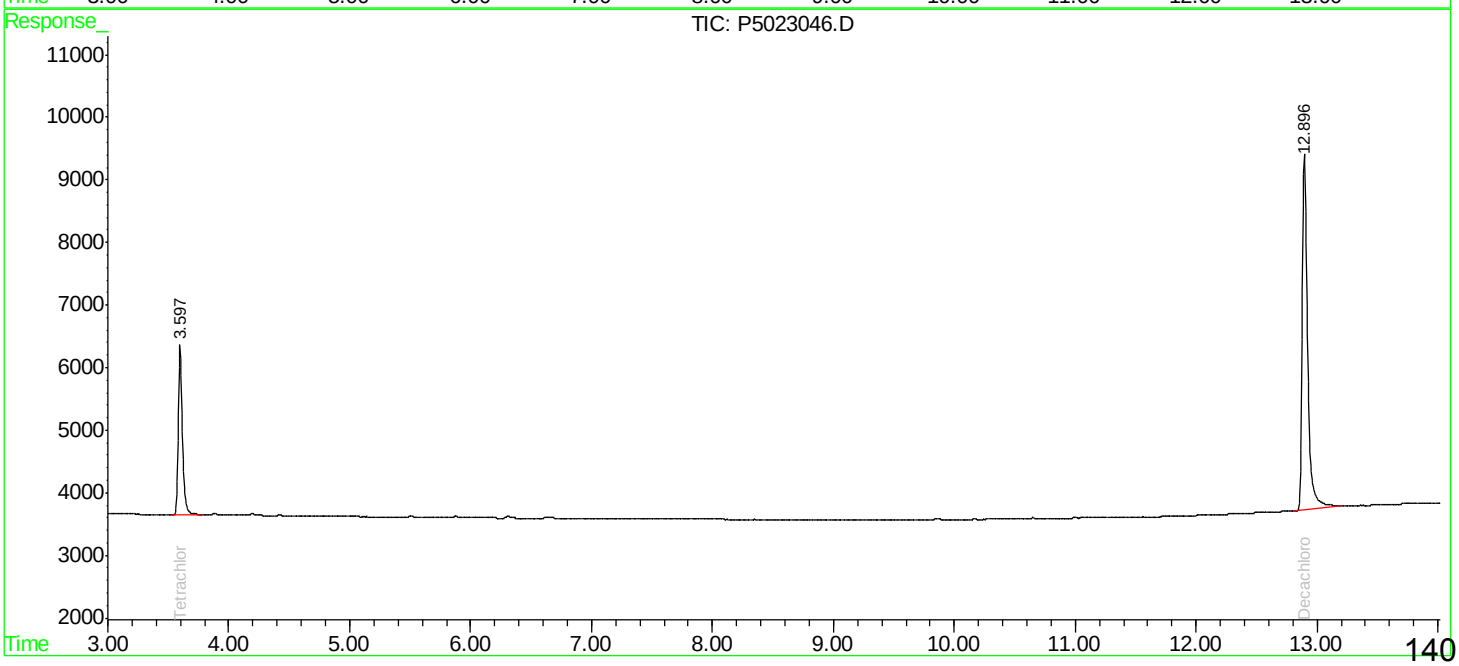
Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102208\
Data File : P5023046.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Oct 2008 21:51
Operator : UA
Sample : I.BLK04
Misc : ALBLK04
ALS Vial : 39 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 16:10:06 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102208\
Data File : P5023046.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Oct 2008 21:51
Operator : UA
Sample : I.BLK04
Misc : ALBLK04
ALS Vial : 39 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 16:10:06 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds						
1) SA Tetrachlo...	4.110	3.599	46959	64716	17.539	18.386
2) SA Decachlor...	12.957	12.897	161727	174142	35.238	37.590
Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PB37175BS

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: PB37175BS

Sample wt/vol: 1000 (g/mL) mL Lab File ID: P5023039.D

% Moisture: Decanted:(Y/N) N Date Received:

Extraction:(Type) SEPF Date Extracted: 10/13/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/22/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

Acid Cleanup: (Y/N) N

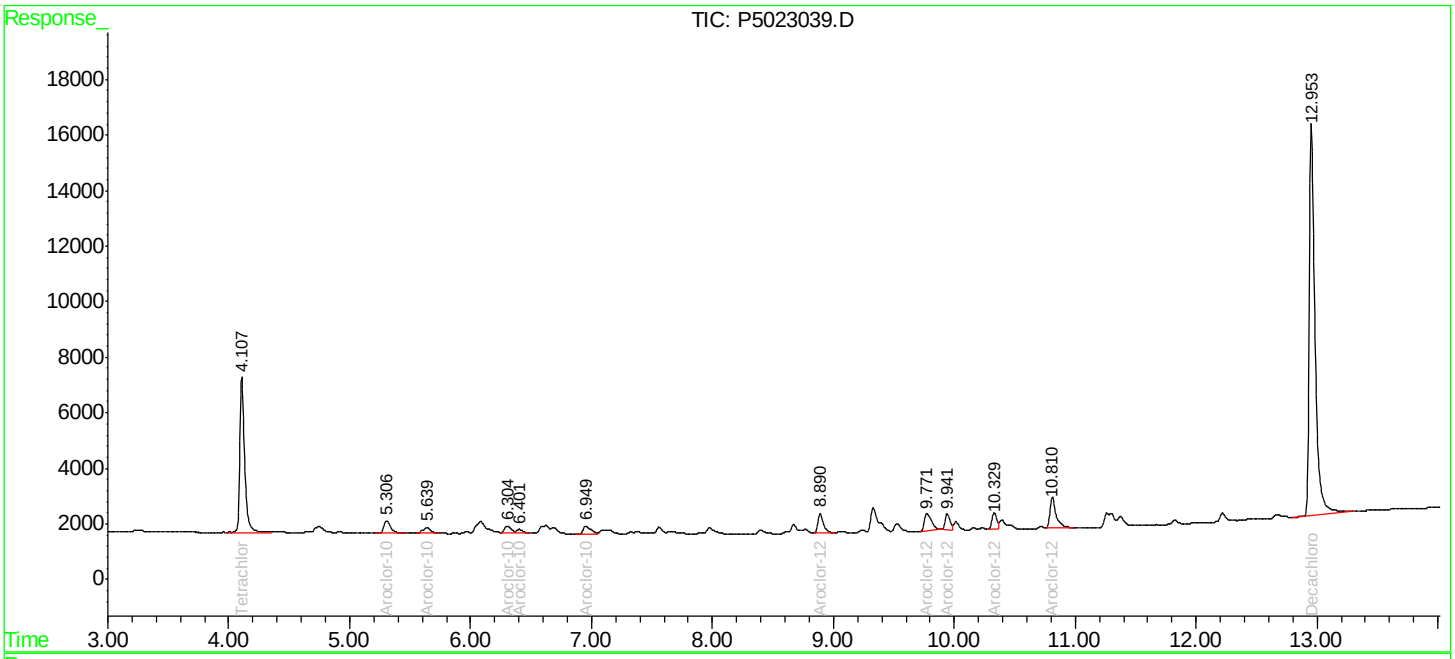
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
12674-11-2	Aroclor-1016	1.1	
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.2	
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

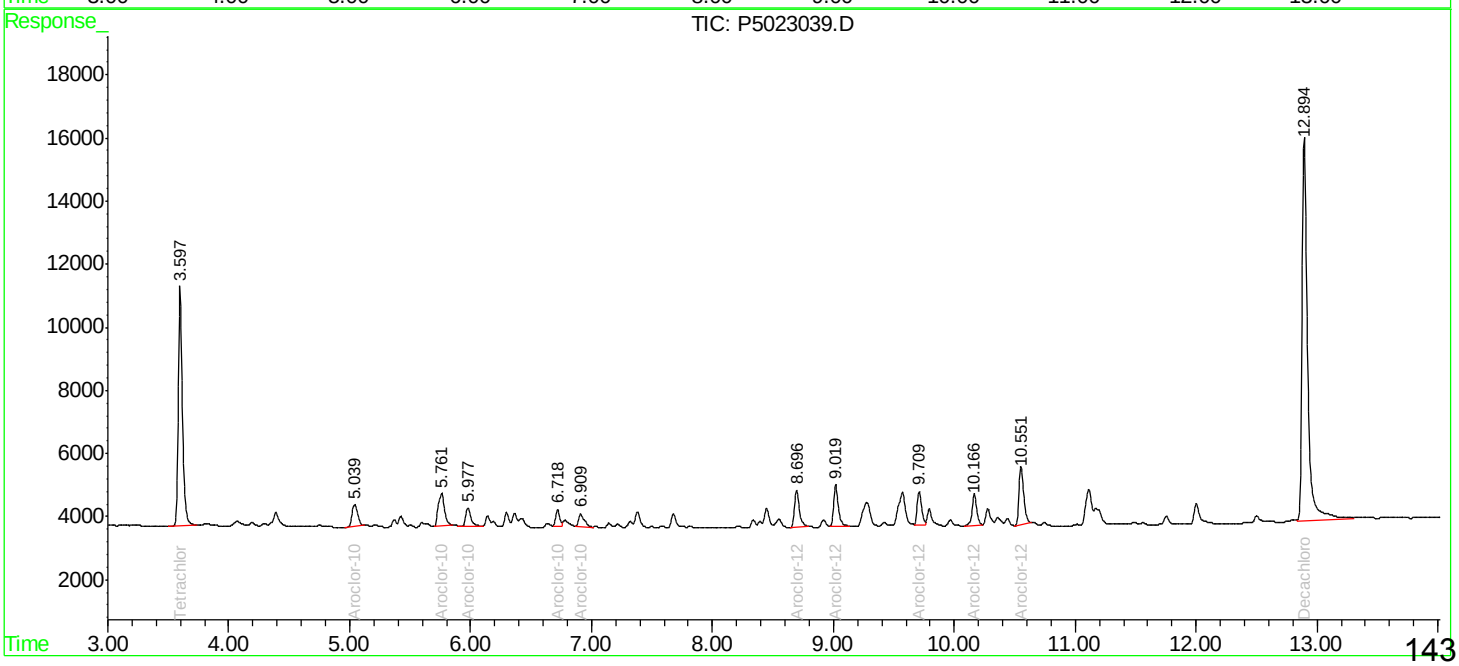
Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102208\
Data File : P5023039.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Oct 2008 19:51
Operator : UA
Sample : PB37175BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 16:04:10 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm



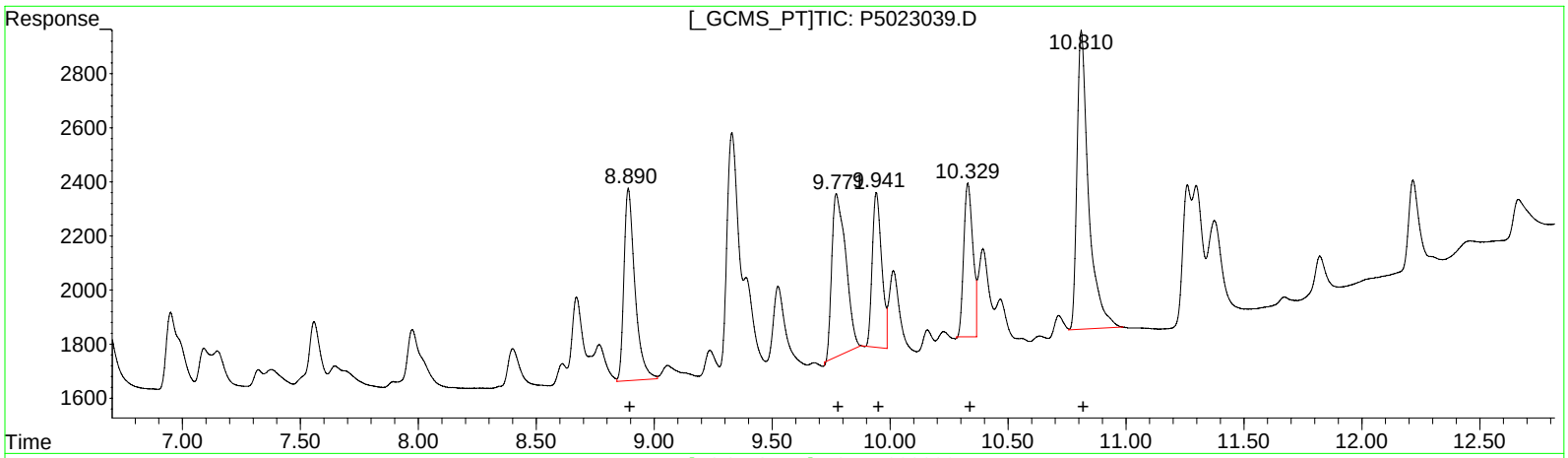


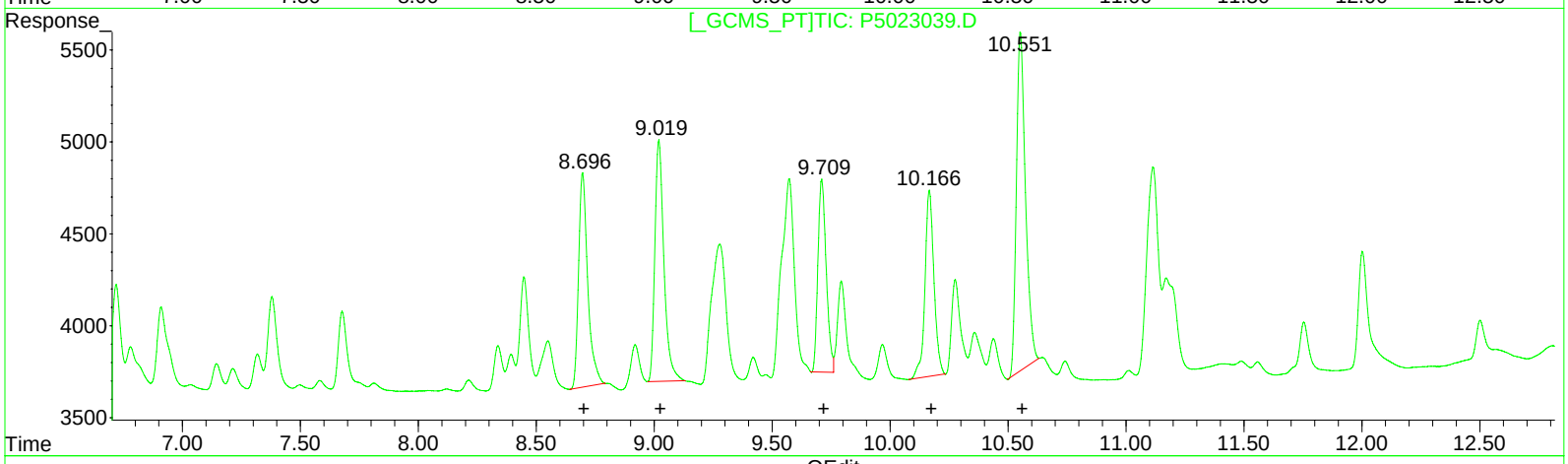
Quantitation Report (Qedit)

Data Path : Z:\Ecd 5\Data\P5102208\
Data File : P5023039.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Oct 2008 19:51
Operator : UA
Sample : PB37175BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 16:01:56 2008
Quant Method : Z:\Ecd 5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





QEdit

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
8.89	22956	120.03
9.77	24727	113.21
9.94	15840	118.45
10.33	15643	113.15
10.81	37678	117.86

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
8.70	31509	134.22
9.02	35056	145.15
9.71	25889	124.96
10.17	26960	138.74
10.55	49486	144.63

144

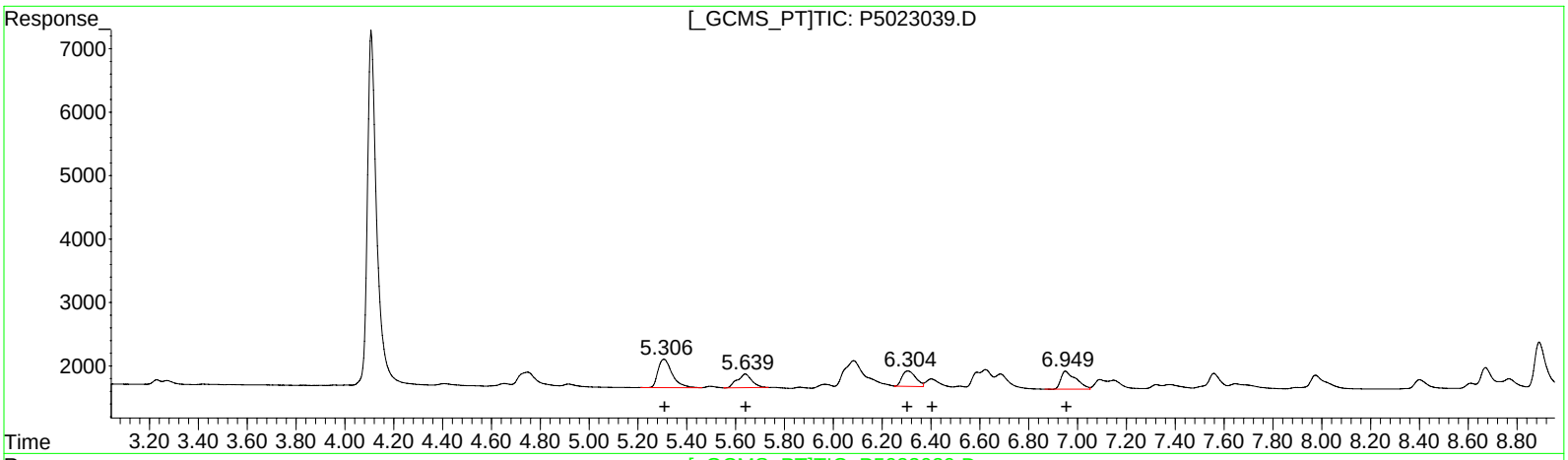
(+) = Expected Retention Time

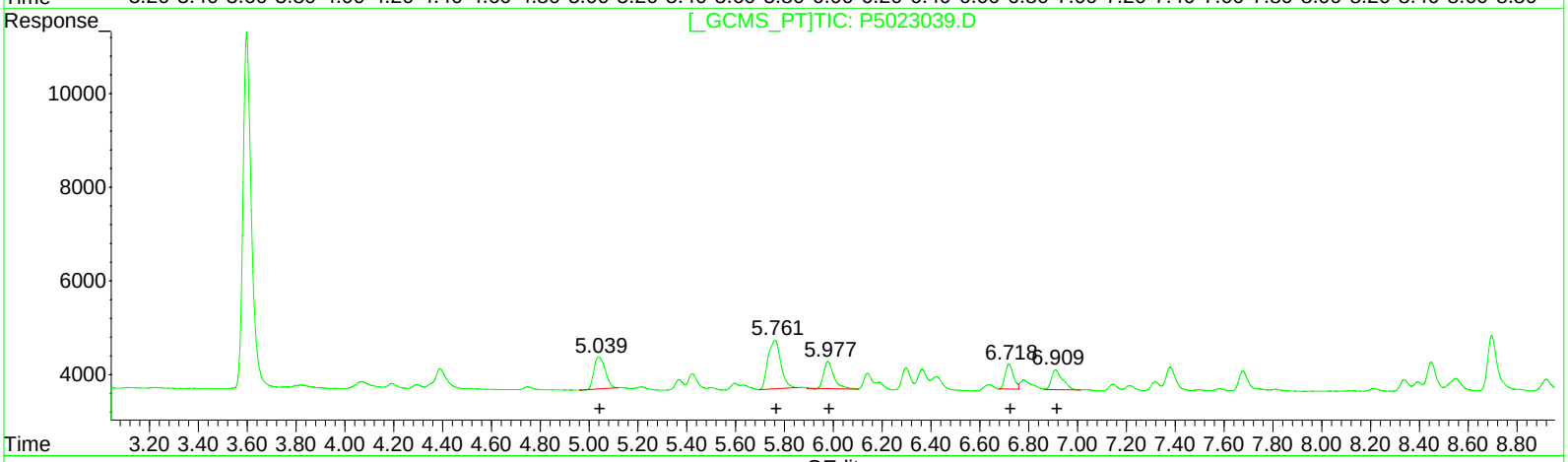
Quantitation Report (Qedit)

Data Path : Z:\Ecd 5\Data\P5102208\
Data File : P5023039.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Oct 2008 19:51
Operator : UA
Sample : PB37175BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 16:01:56 2008
Quant Method : Z:\Ecd 5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





QEdit

(3) Aroclor-1016-1 (L1)

R.T.	Response	Conc
5.31	18070	120.49
5.64	8954	102.67
6.31	9421	103.53
0.00	0	0.00
6.95	12071	114.19

(3) Aroclor-1016-1 #2 (L1)

R.T.	Response	Conc
5.04	21730	121.22
5.76	37504	128.31
5.98	16668	123.71
6.72	12419	122.17
6.91	13214	113.03

145

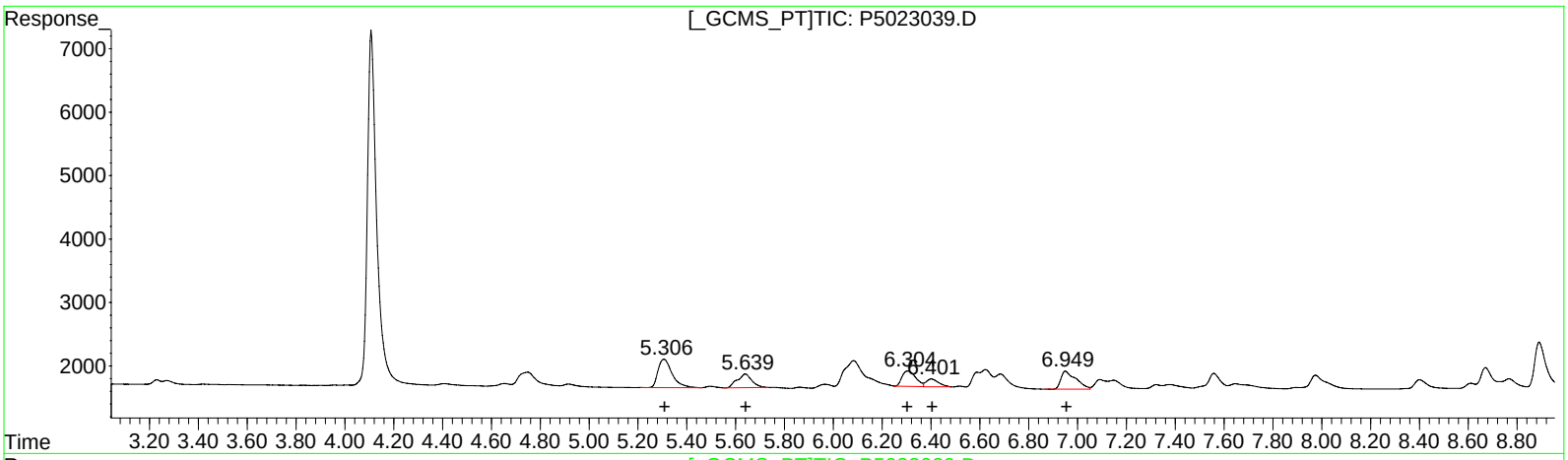
(+) = Expected Retention Time

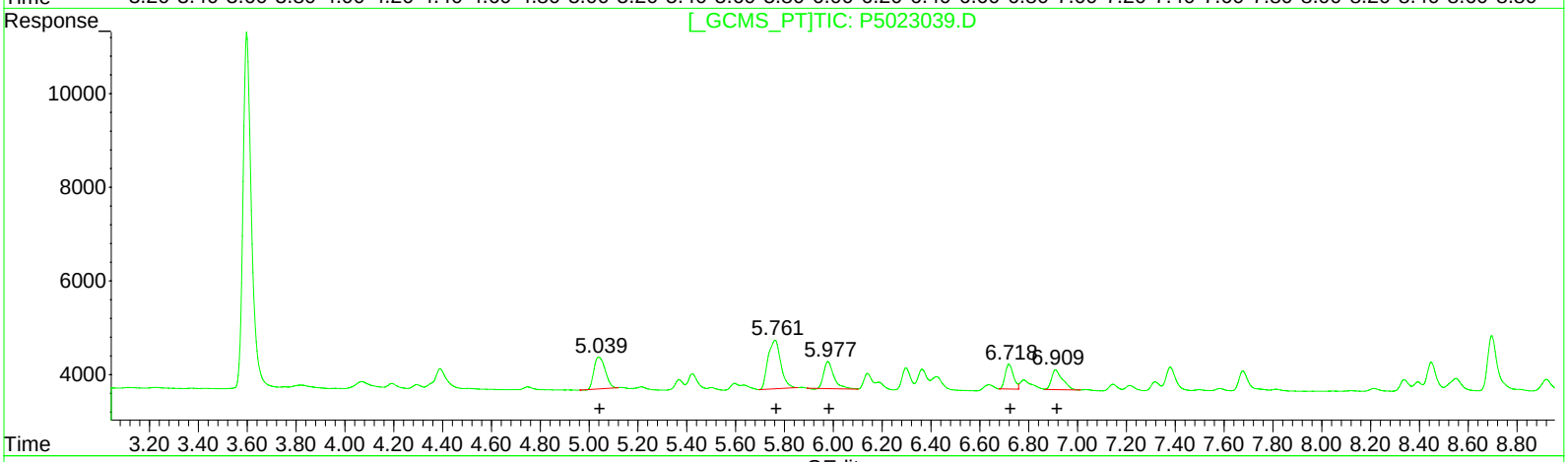
Quantitation Report (Qedit)

Data Path : Z:\Ecd 5\Data\P5102208\
Data File : P5023039.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Oct 2008 19:51
Operator : UA
Sample : PB37175BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 16:01:56 2008
Quant Method : Z:\Ecd 5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





QEdit

(3) Aroclor-1016-1 #2 (L1)

R.T.	Response	Conc
5.31	18070	120.49
5.64	8954	102.67
6.31	9421	103.53
6.40	4321	98.15
6.95	12071	114.19

(3) Aroclor-1016-1 #2 (L1)

R.T.	Response	Conc
5.04	21730	121.22
5.76	37504	128.31
5.98	16668	123.71
6.72	12419	122.17
6.91	13214	113.03

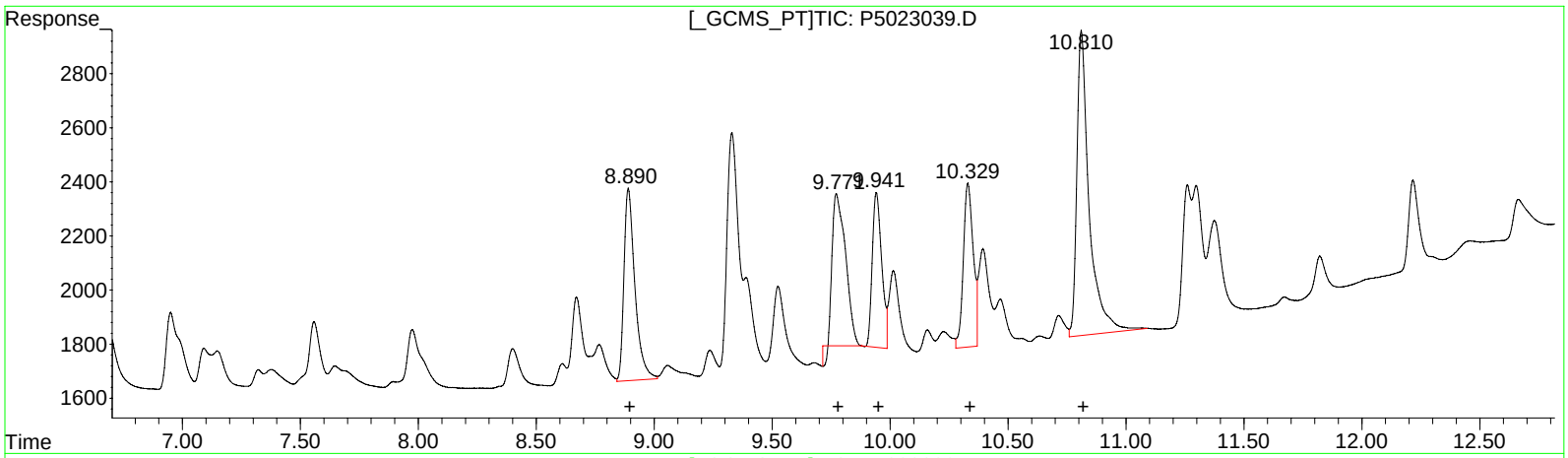
(+) = Expected Retention Time

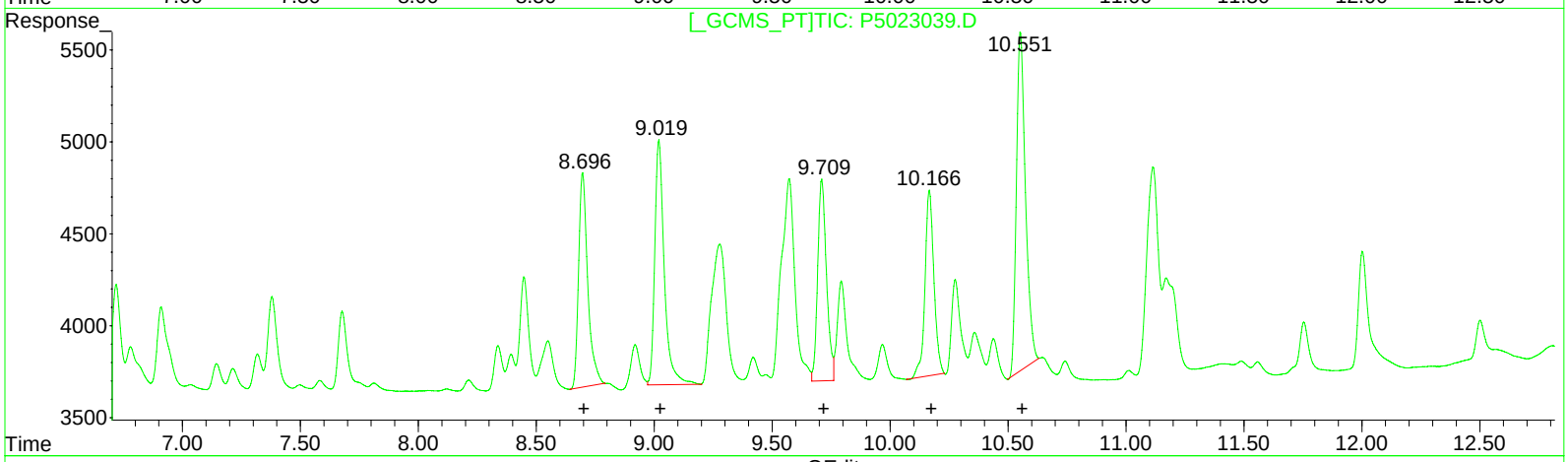
Quantitation Report (Qedit)

Data Path : Z:\Ecd 5\Data\P5102208\
Data File : P5023039.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Oct 2008 19:51
Operator : UA
Sample : PB37175BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 16:01:56 2008
Quant Method : Z:\Ecd 5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





QEdit

(31) Aroclor-1260-1 (L7)

R.T.	Response	Conc
8.89	22956	120.03
9.77	25451	116.53
9.94	15840	118.45
10.33	17497	126.56
10.81	40897	127.92

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
8.70	31509	134.22
9.02	37346	154.63
9.71	28358	136.88
10.17	26652	137.16
10.55	49486	144.63

147

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102208\
Data File : P5023039.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Oct 2008 19:51
Operator : UA
Sample : PB37175BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 16:04:10 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.108	3.599	149442	180886	55.817	51.391
2) SA	Decachlor...	12.955	12.896	461833	380459	100.626	82.124
	Target Compounds						
3) L1	Aroclor-1...	5.308	5.040	18070	21730	120.487	121.225
4) L1	Aroclor-1...	5.640	5.762	8954	37504	102.668	128.313
5) L1	Aroclor-1...	6.306	5.978	9421	16668	103.533	123.707
6) L1	Aroclor-1...	6.401	6.720	4321	12419	98.150m	122.167
7) L1	Aroclor-1...	6.951	6.911	12071	13214	114.186	113.025
31) L7	Aroclor-1...	8.892	8.697	22956	31509	120.030	134.221
32) L7	Aroclor-1...	9.771	9.019	24727	35056	113.214m	145.152m#
33) L7	Aroclor-1...	9.943	9.709	15840	25889	118.445	124.959m
34) L7	Aroclor-1...	10.329	10.166	15643	26960	113.150m	138.739m
35) L7	Aroclor-1...	10.810	10.553	37678	49486	117.855m	144.626

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PB37221BS

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: PB37221BS

Sample wt/vol: 30 (g/mL) g Lab File ID: P5022968.D

% Moisture: 0 Decanted:(Y/N) N Date Received:

Extraction:(Type) SOXH Date Extracted: 10/14/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/20/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup:(Y/N) N

Acid Cleanup: (Y/N) N

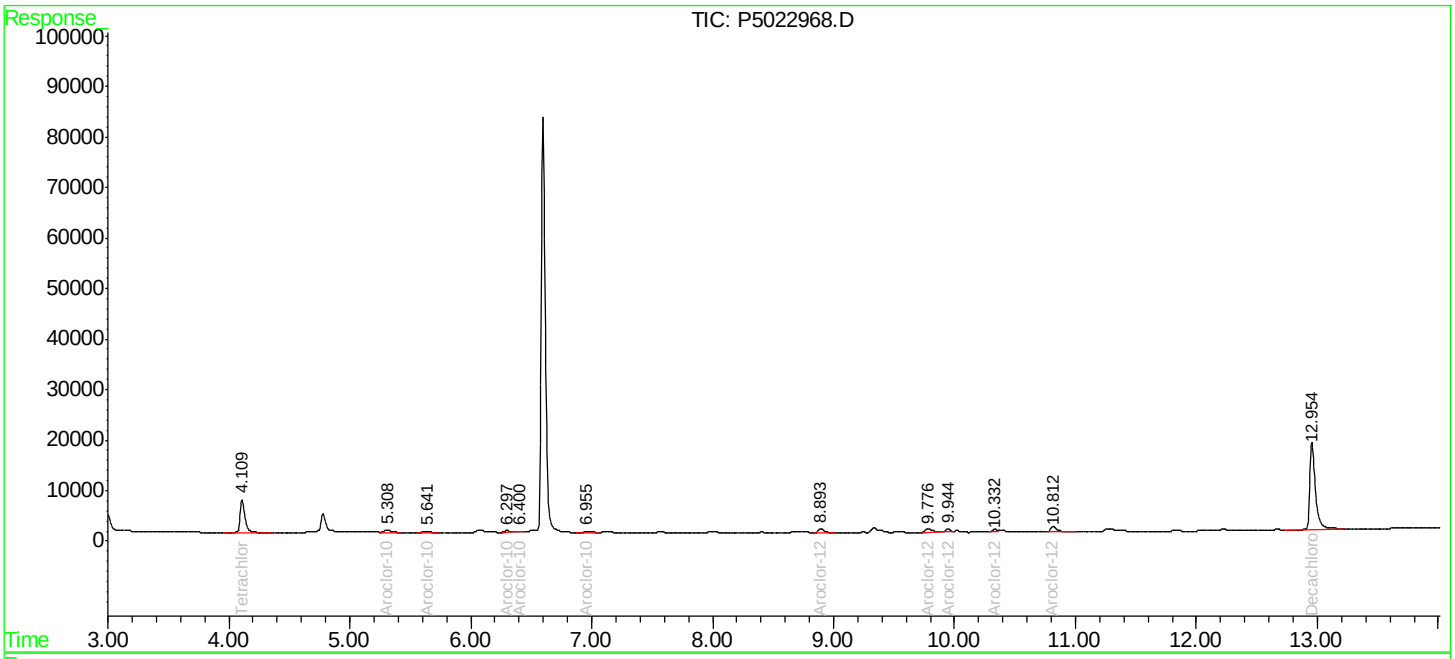
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	39	
11104-28-2	Aroclor-1221	33	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	39	
37324-23-5	Aroclor-1262	33	U
11100-14-4	Aroclor-1268	33	U

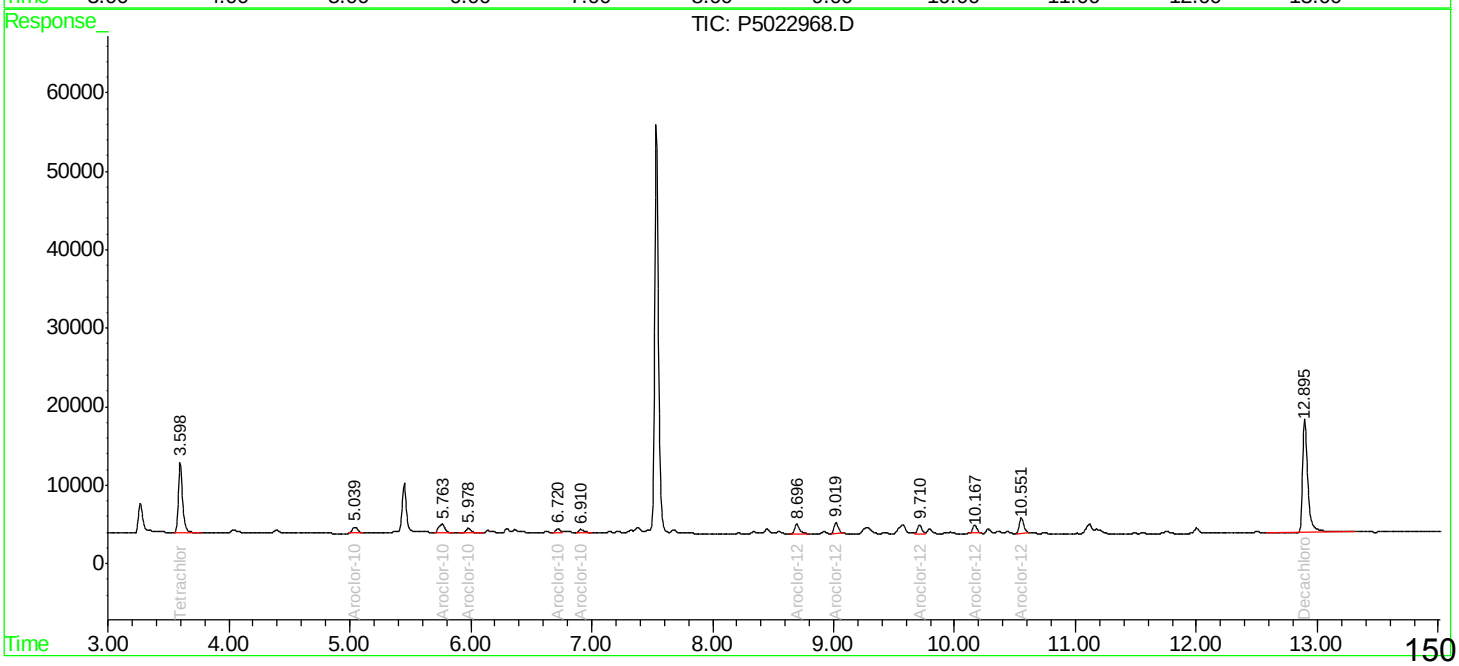
Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022968.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 17:38
Operator : UA
Sample : PB37221BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 13:59:50 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm



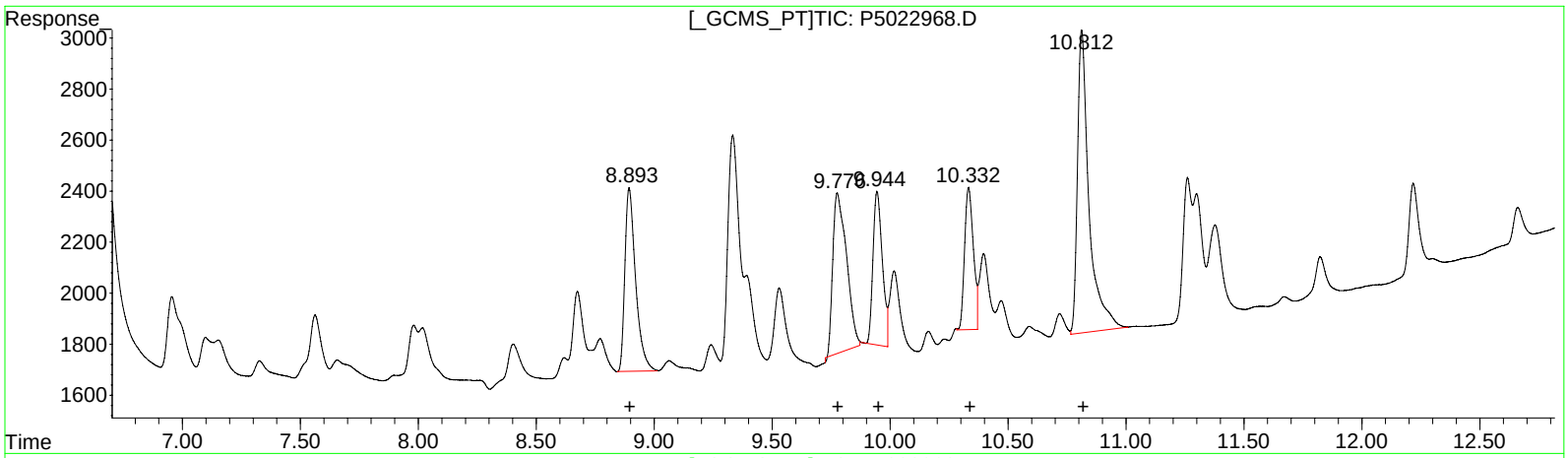


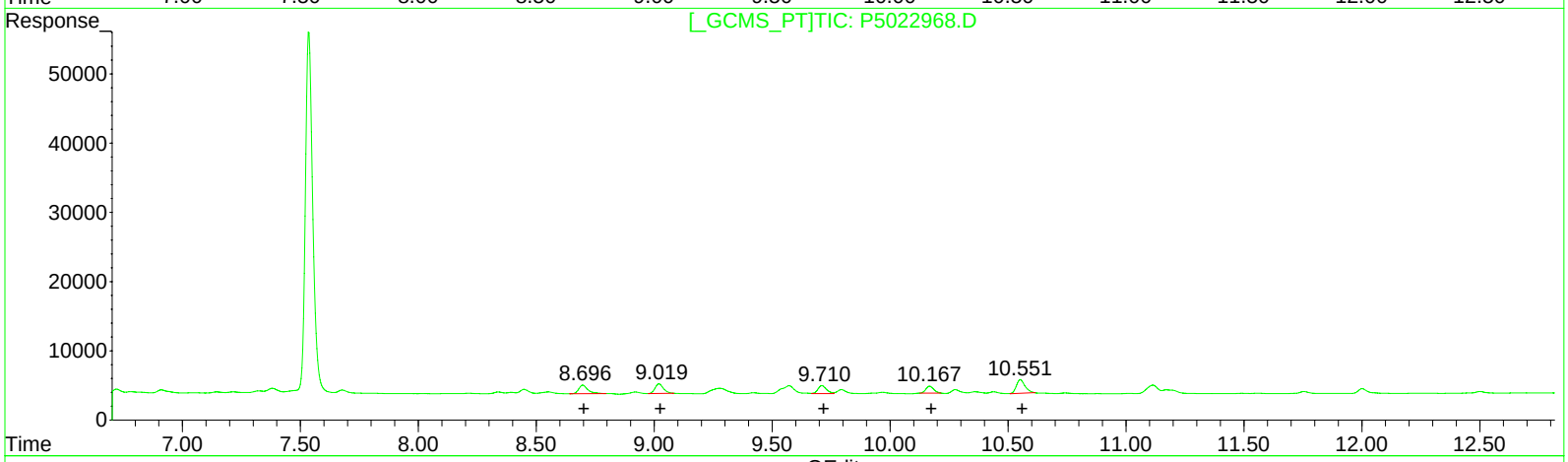
Quantitation Report (Qedit)

Data Path : Z:\Ecd 5\Data\P5102008\
Data File : P5022968.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 17:38
Operator : UA
Sample : PB37221BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 13:57:16 2008
Quant Method : Z:\Ecd 5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
8.89	22735	118.87
9.78	25441	116.48
9.95	16544	123.71
10.33	14675	106.15
10.81	40387	126.33

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
8.70	32749	139.50
9.02	34241	141.78
9.71	29495	142.37
10.17	23153	119.15
10.55	50023	146.20

151

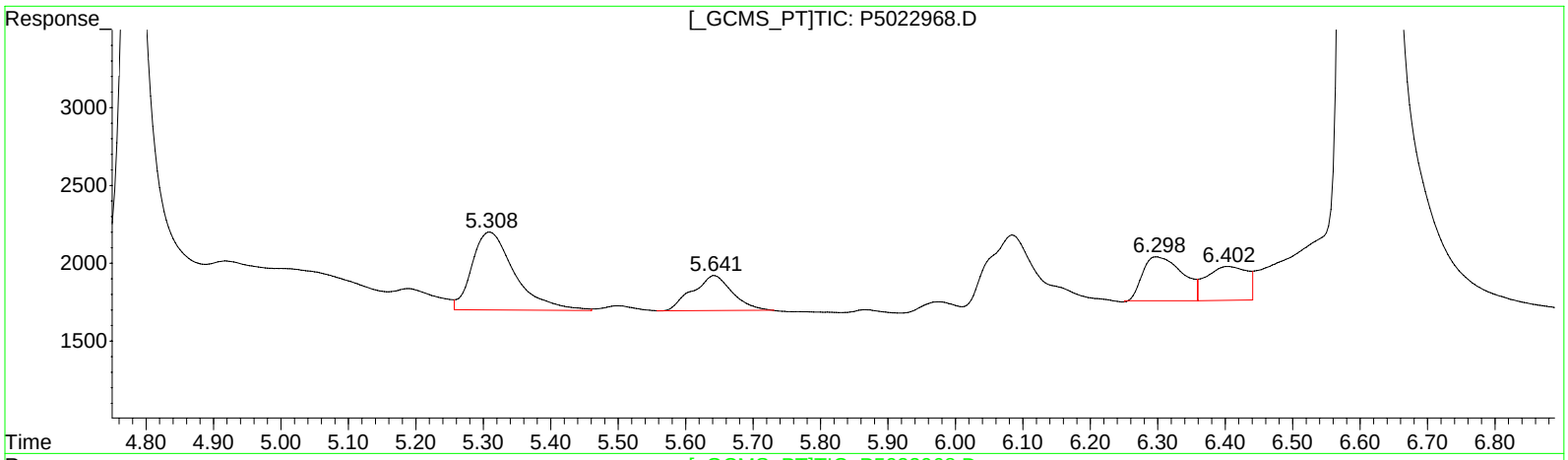
(+) = Expected Retention Time

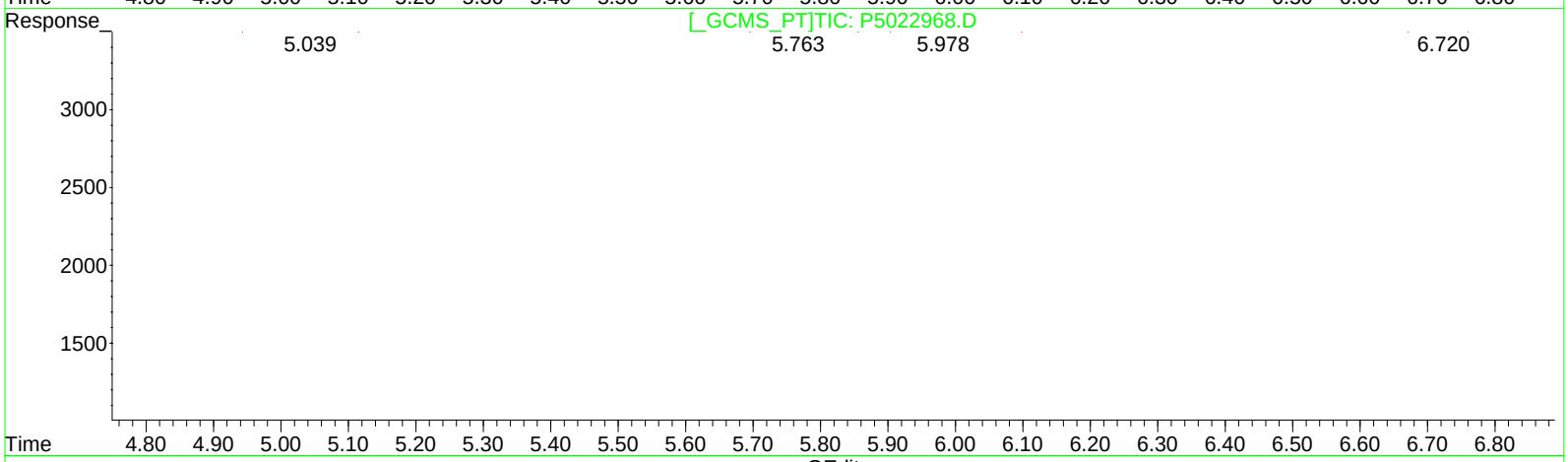
Quantitation Report (Qedit)

Data Path : Z:\Ecd 5\Data\P5102008\
Data File : P5022968.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 17:38
Operator : UA
Sample : PB37221BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 13:57:16 2008
Quant Method : Z:\Ecd 5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





QEdit

(3) Aroclor-1016-1 (L1)

R.T.	Response	Conc
5.31	22035	146.93
5.64	9143	104.84
6.30	11808	129.77
6.41	9201	209.02
6.96	10977	103.84

(3) Aroclor-1016-1 #2 (L1)

R.T.	Response	Conc
5.04	25132	140.20
5.76	38524	131.80
5.98	16587	123.11
6.72	12897	126.87
6.91	14896	127.41

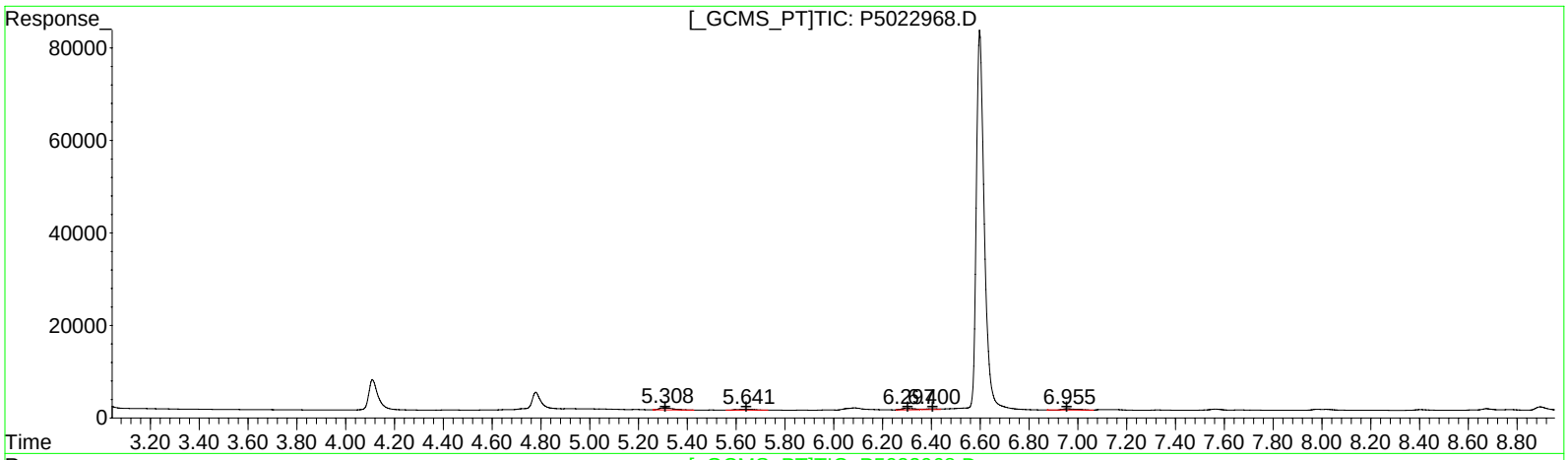
(+) = Expected Retention Time

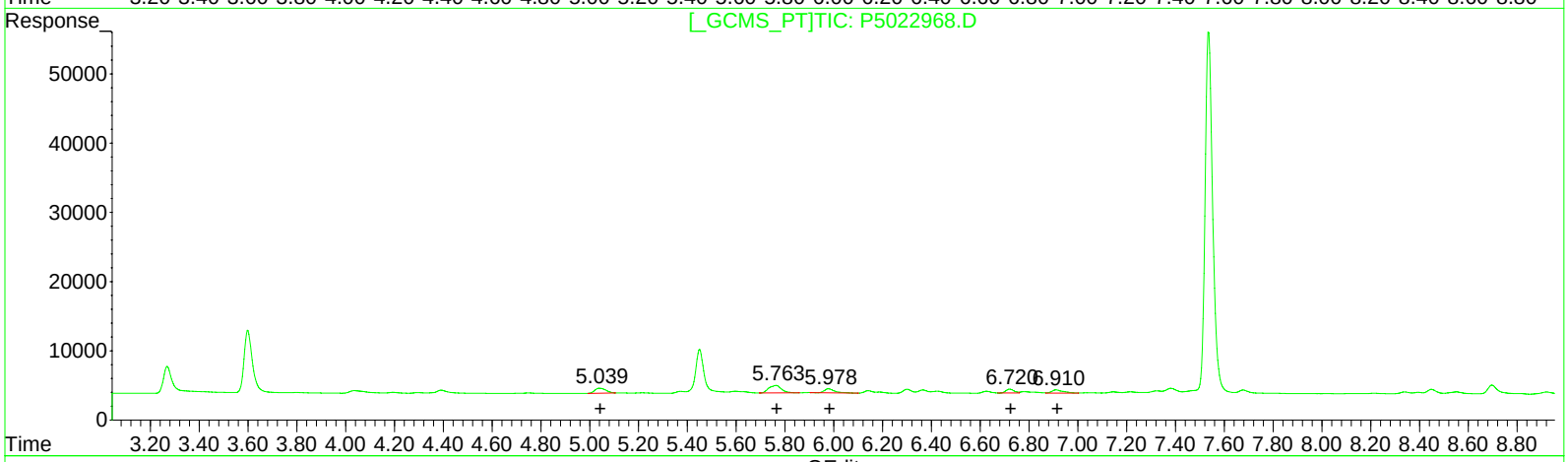
Quantitation Report (Qedit)

Data Path : Z:\Ecd 5\Data\P5102008\
Data File : P5022968.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 17:38
Operator : UA
Sample : PB37221BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 13:57:16 2008
Quant Method : Z:\Ecd 5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





QEdit

(3) Aroclor-1016-1 #2 (L1)

R.T.	Response	Conc
5.31	17238	114.94
5.64	9143	104.84
6.30	10753	118.17
6.40	6303	143.19
6.96	10977	103.84

(3) Aroclor-1016-1 #2 (L1)

R.T.	Response	Conc
5.04	22792	127.15
5.76	38524	131.80
5.98	16587	123.11
6.72	12897	126.87
6.91	14896	127.41

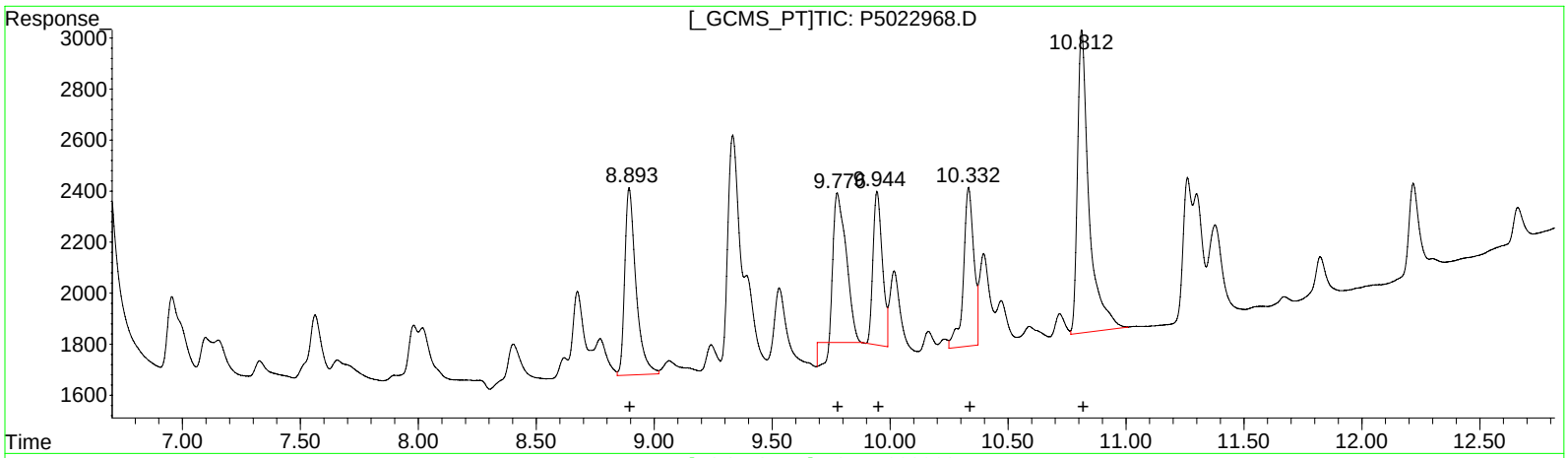
(+) = Expected Retention Time

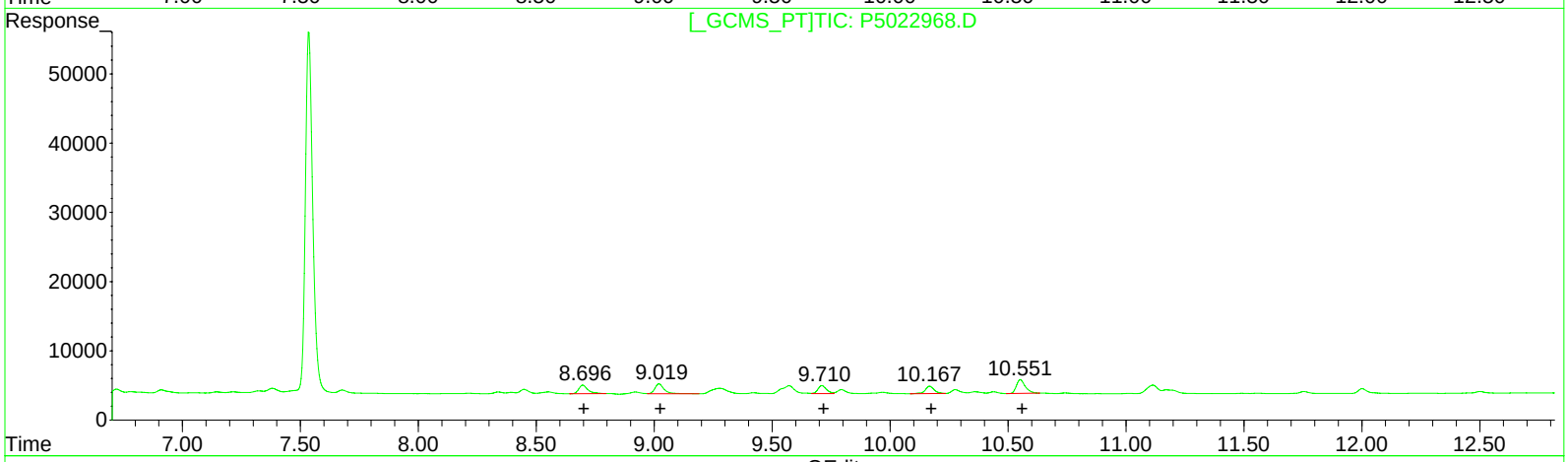
Quantitation Report (Qedit)

Data Path : Z:\Ecd 5\Data\P5102008\
Data File : P5022968.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 17:38
Operator : UA
Sample : PB37221BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 13:57:16 2008
Quant Method : Z:\Ecd 5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





QEdit

(31) Aroclor-1260-1 (L7)

R.T.	Response	Conc
8.90	24231	126.70
9.78	25954	118.83
9.95	16544	123.71
10.33	18982	137.30
10.81	40387	126.33

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
8.70	32749	139.50
9.02	38238	158.33
9.71	29495	142.37
10.17	27625	142.16
10.55	52026	152.05

154

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022968.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 17:38
Operator : UA
Sample : PB37221BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 13:59:50 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.111	3.599	176923	224093	66.081	63.667
2) SA	Decachlor...	12.956	12.897	539480	430266	117.544	92.875
	Target Compounds						
3) L1	Aroclor-1...	5.308	5.039	17238	22792	114.939m	127.150m
4) L1	Aroclor-1...	5.643	5.764	9143	38524	104.842	131.805 #
5) L1	Aroclor-1...	6.297	5.979	10753	16587	118.170m	123.111
6) L1	Aroclor-1...	6.400	6.721	6303	12897	143.193m	126.870
7) L1	Aroclor-1...	6.957	6.912	10977	14896	103.837	127.408
31) L7	Aroclor-1...	8.893	8.698	22735	32749	118.872m	139.501
32) L7	Aroclor-1...	9.776	9.019	25441	34241	116.482m	141.779m
33) L7	Aroclor-1...	9.946	9.712	16544	29495	123.708	142.368
34) L7	Aroclor-1...	10.332	10.167	14675	23153	106.148m	119.149m
35) L7	Aroclor-1...	10.813	10.551	40387	50023	126.329	146.196m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SED1MS

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z4932-06MS

Sample wt/vol: 30 (g/mL) g Lab File ID: P5022978.D

% Moisture: 60 Decanted:(Y/N) N Date Received: 10/10/2008

Extraction:(Type) SOXH Date Extracted: 10/14/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/20/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: 6.78 Sulfur Cleanup:(Y/N) N

Acid Cleanup: (Y/N) N

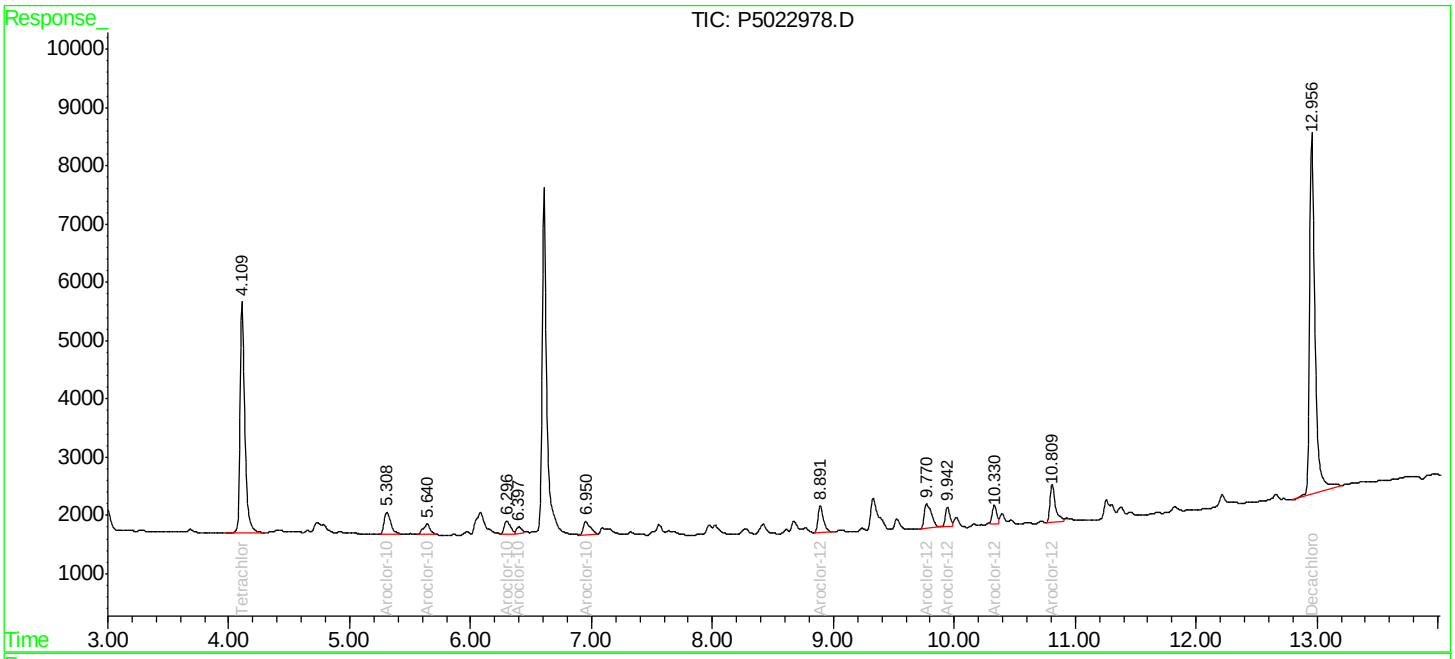
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	73	J
11104-28-2	Aroclor-1221	82	U
11141-16-5	Aroclor-1232	82	U
53469-21-9	Aroclor-1242	82	U
12672-29-6	Aroclor-1248	82	U
11097-69-1	Aroclor-1254	82	U
11096-82-5	Aroclor-1260	57	J
37324-23-5	Aroclor-1262	82	U
11100-14-4	Aroclor-1268	82	U

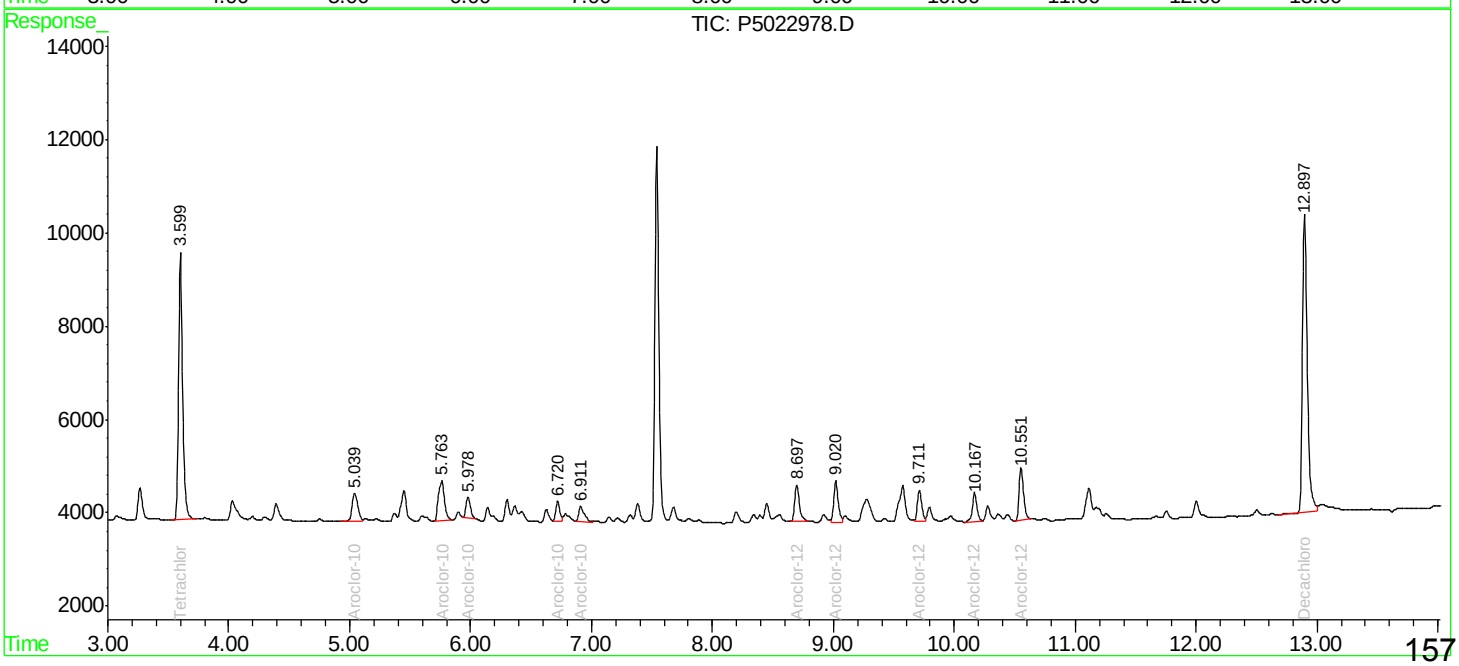
Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022978.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 21:14
Operator : UA
Sample : Z4932-06MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 14:19:19 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm



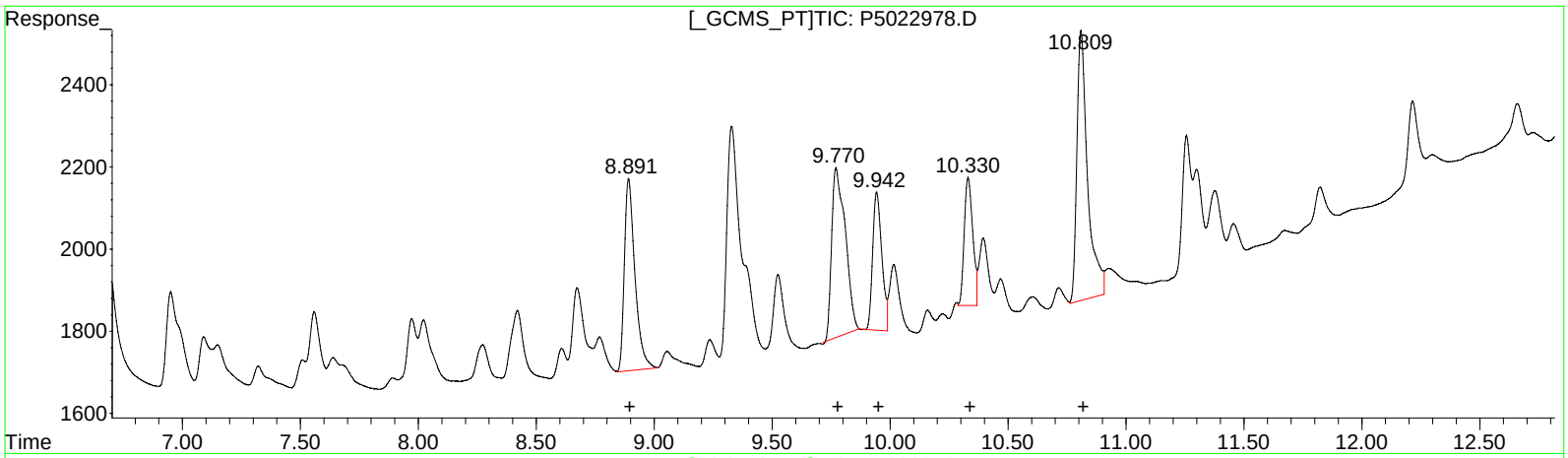


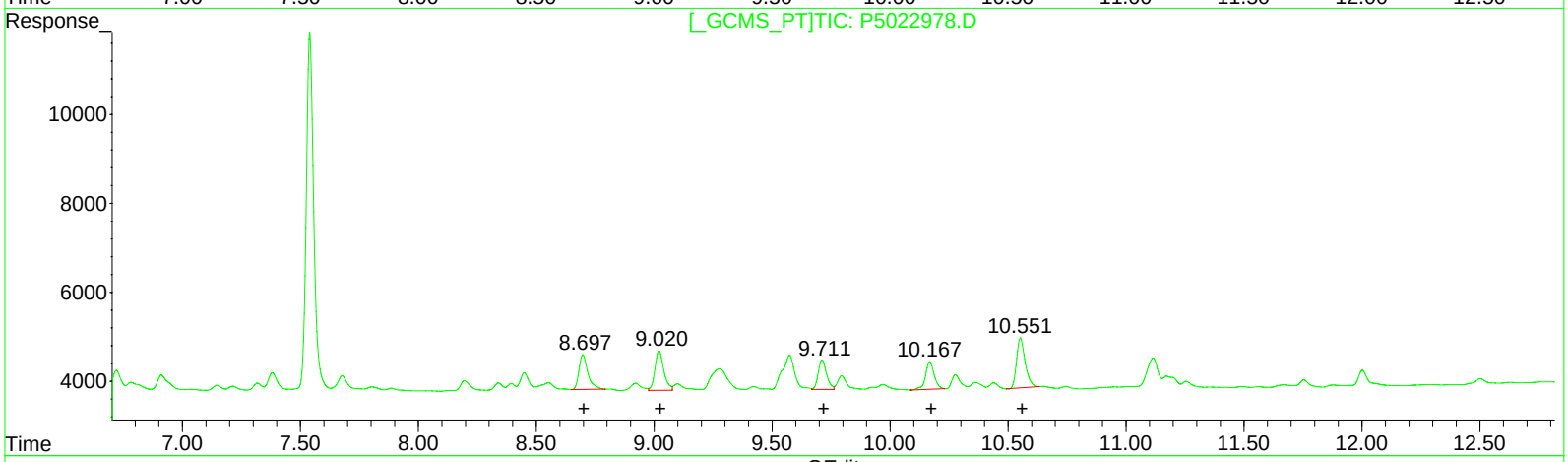
Quantitation Report (Qedit)

Data Path : Z:\Ecd 5\Data\P5102008\
Data File : P5022978.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 21:14
Operator : UA
Sample : Z4932-06MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 14:16:13 2008
Quant Method : Z:\Ecd 5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





QEdit

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
8.89	14553	76.10
9.77	16561	75.82
9.94	9015	67.41
10.33	7829	56.63
10.81	20788	65.02

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
8.70	20600	87.75
9.02	23307	96.50
9.71	16361	78.97
10.17	15864	81.64
10.55	28310	82.74

158

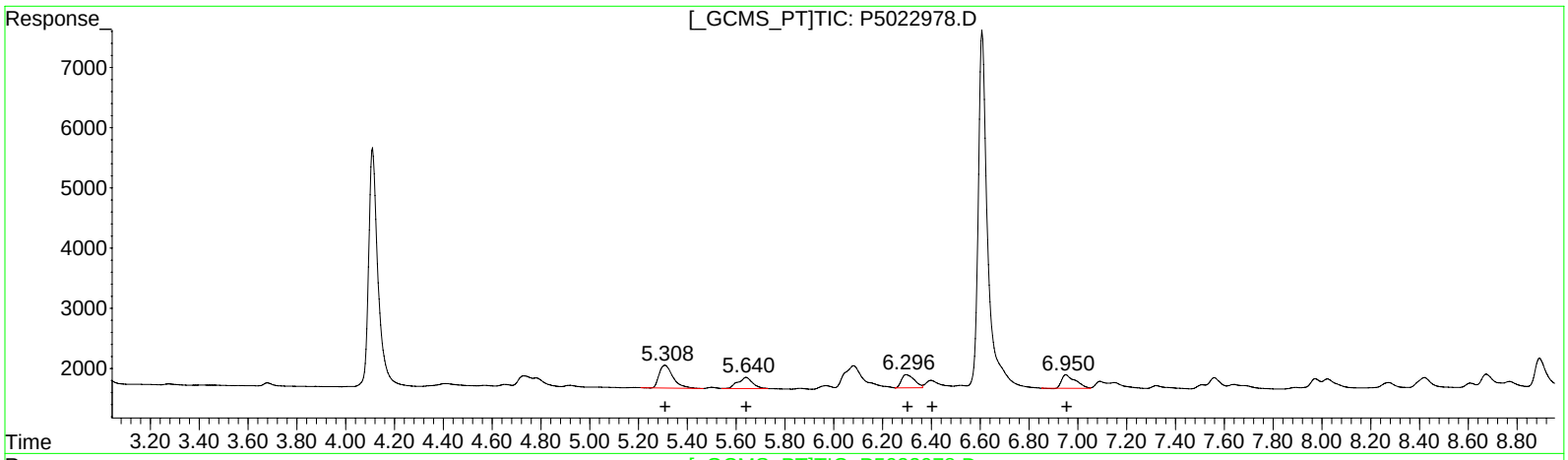
(+) = Expected Retention Time

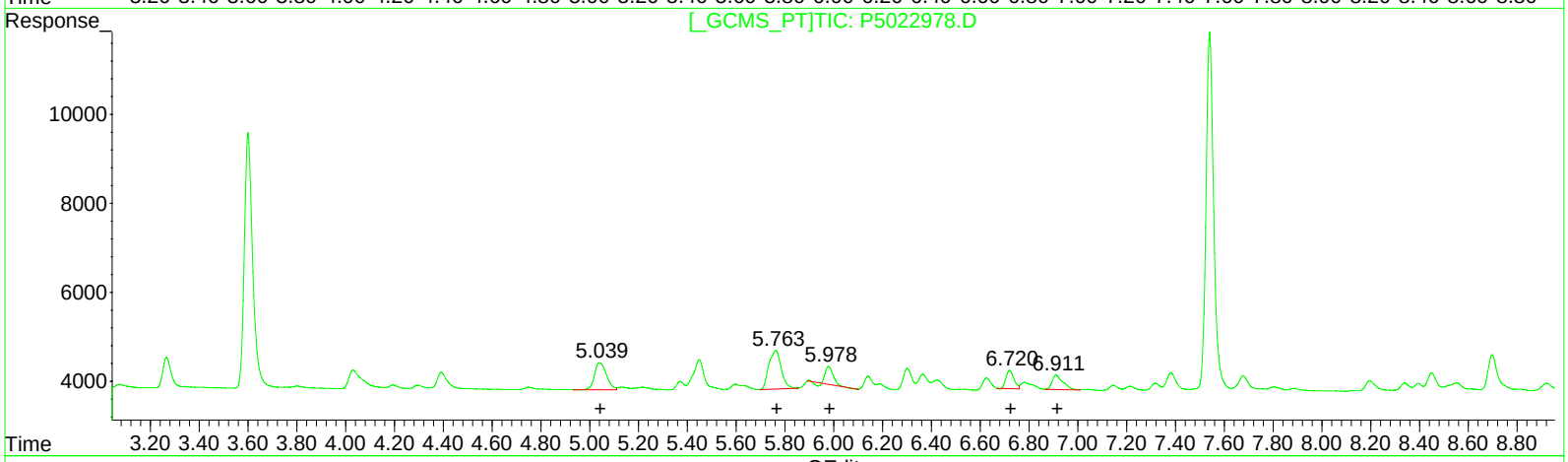
Quantitation Report (Qedit)

Data Path : Z:\Ecd 5\Data\P5102008\
Data File : P5022978.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 21:14
Operator : UA
Sample : Z4932-06MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 14:16:13 2008
Quant Method : Z:\Ecd 5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





QEdit

(3) Aroclor-1016-1 (L1)

R.T.	Response	Conc
5.31	14832	98.90
5.64	7725	88.58
6.30	8012	88.04
0.00	0	0.00
6.95	8787	83.12

(3) Aroclor-1016-1 #2 (L1)

R.T.	Response	Conc
5.04	20665	115.28
5.76	30365	103.89
5.98	8078	59.95
6.72	9210	90.60
6.91	10095	86.34

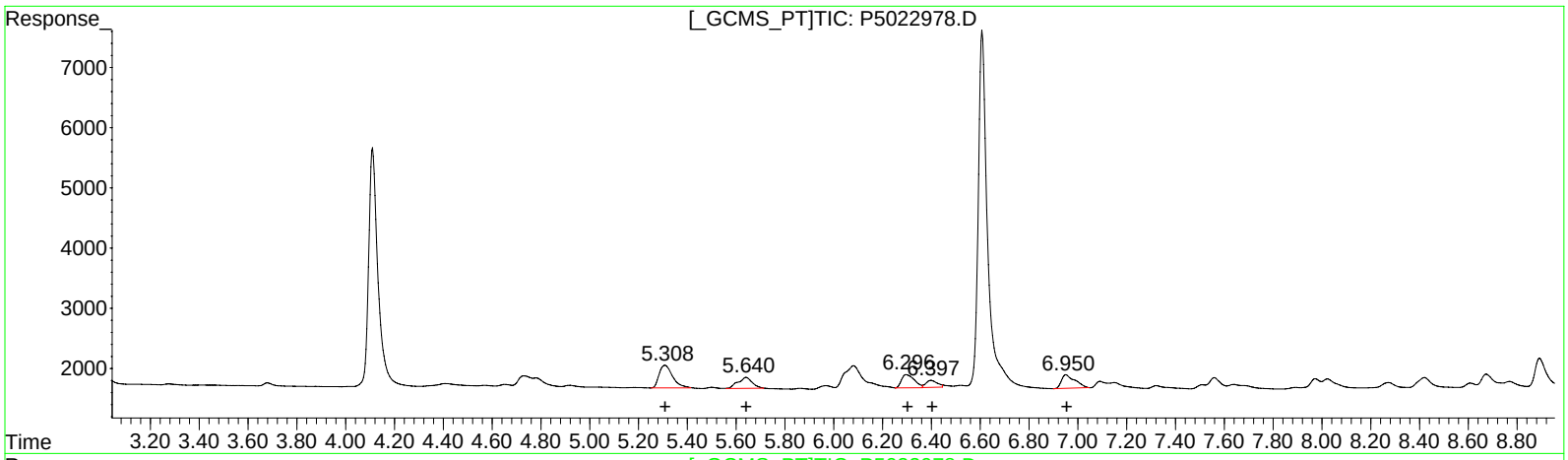
(+) = Expected Retention Time

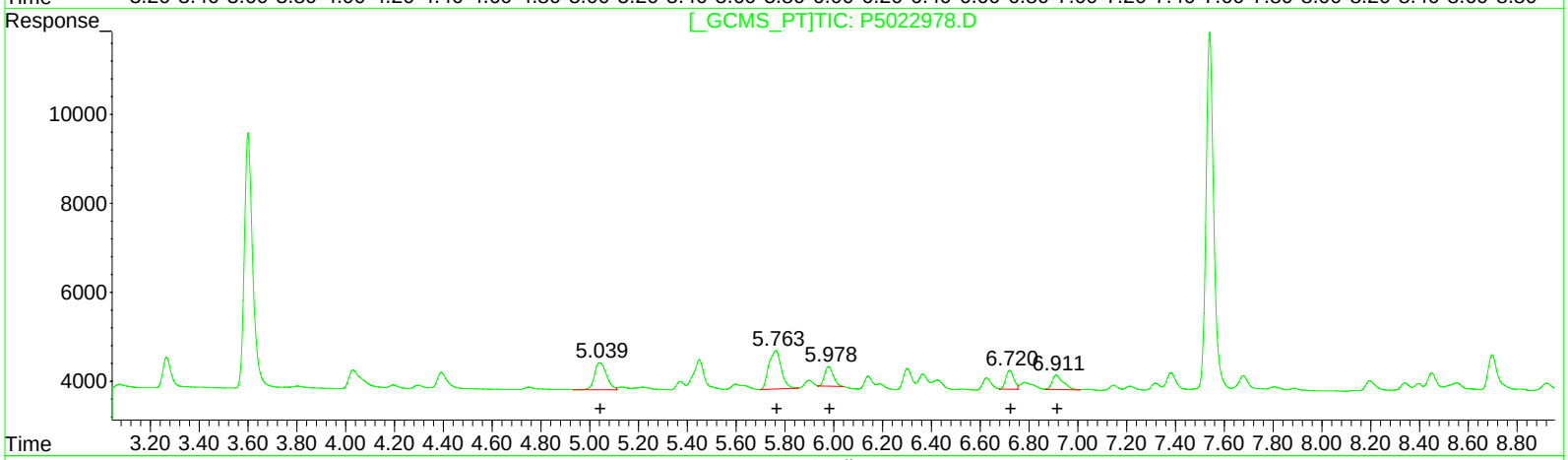
Quantitation Report (Qedit)

Data Path : Z:\Ecd 5\Data\P5102008\
Data File : P5022978.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 21:14
Operator : UA
Sample : Z4932-06MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 14:16:13 2008
Quant Method : Z:\Ecd 5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





QEdit

(3) Aroclor-1016-1 #2 (L1)

R.T.	Response	Conc
5.31	14507	96.73
5.64	7375	84.57
6.30	8012	88.04
6.40	3787	86.04
6.95	8614	81.48

(3) Aroclor-1016-1 #2 (L1)

R.T.	Response	Conc
5.04	20665	115.28
5.76	30365	103.89
5.98	10908	80.96
6.72	9723	95.65
6.91	10095	86.34

160

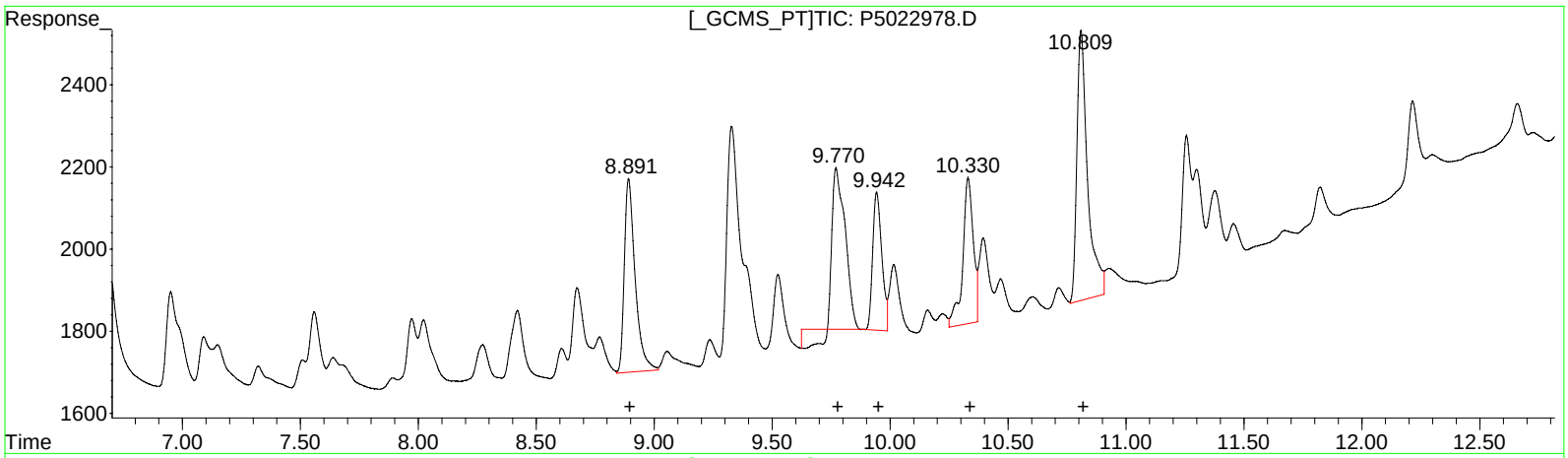
(+) = Expected Retention Time

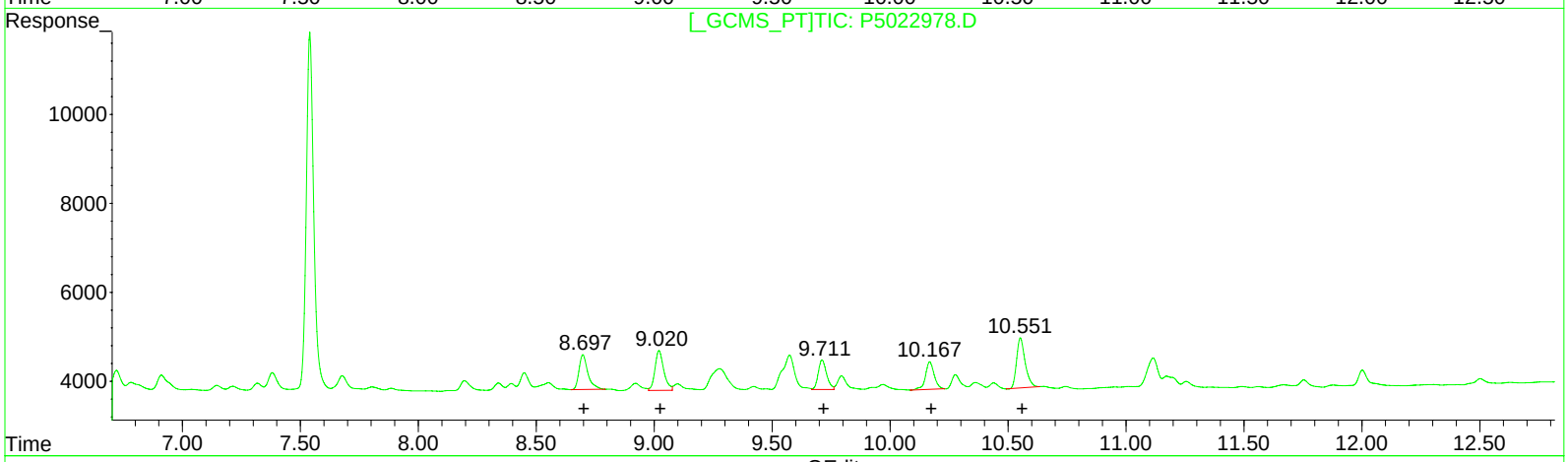
Quantitation Report (Qedit)

Data Path : Z:\Ecd 5\Data\P5102008\
Data File : P5022978.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 21:14
Operator : UA
Sample : Z4932-06MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 14:16:13 2008
Quant Method : Z:\Ecd 5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





QEdit

(31) Aroclor-1260-1 (L7)

R.T.	Response	Conc
8.89	14974	78.30
9.77	16622	76.10
9.94	9015	67.41
10.33	10986	79.47
10.81	20788	65.02

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
8.70	20600	87.75
9.02	23307	96.50
9.71	16361	78.97
10.17	15864	81.64
10.55	28310	82.74

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022978.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 21:14
Operator : UA
Sample : Z4932-06MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 14:19:19 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.111	3.601	105159	134940	39.277	38.338
2) SA	Decachlor...	12.958	12.899	189933	174494	41.383	37.666
	Target Compounds						
3) L1	Aroclor-1...	5.308	5.041	14507	20665	96.732m	115.284
4) L1	Aroclor-1...	5.640	5.763	7375	30365	84.567m	103.889
5) L1	Aroclor-1...	6.298	5.978	8012	10908	88.045	80.960m
6) L1	Aroclor-1...	6.397	6.720	3787	9723	86.039m	95.646m
7) L1	Aroclor-1...	6.950	6.912	8614	10095	81.484m	86.342
31) L7	Aroclor-1...	8.891	8.698	14553	20600	76.095m	87.753
32) L7	Aroclor-1...	9.770	9.021	16561	23307	75.824m	96.505 #
33) L7	Aroclor-1...	9.944	9.713	9015	16361	67.410	78.970
34) L7	Aroclor-1...	10.330	10.169	7829	15864	56.631m	81.640 #
35) L7	Aroclor-1...	10.811	10.553	20788	28310	65.023	82.740 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SED1MSD

Lab Name: Chemtech Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 Mod. Ref No.: Z4932 SDG No.: Z4932

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: Z4932-07MSD

Sample wt/vol: 30 (g/mL) g Lab File ID: P5022979.D

% Moisture: 60 Decanted:(Y/N) N Date Received: 10/10/2008

Extraction:(Type) SOXH Date Extracted: 10/14/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/20/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: 6.76 Sulfur Cleanup:(Y/N) N

Acid Cleanup: (Y/N) N

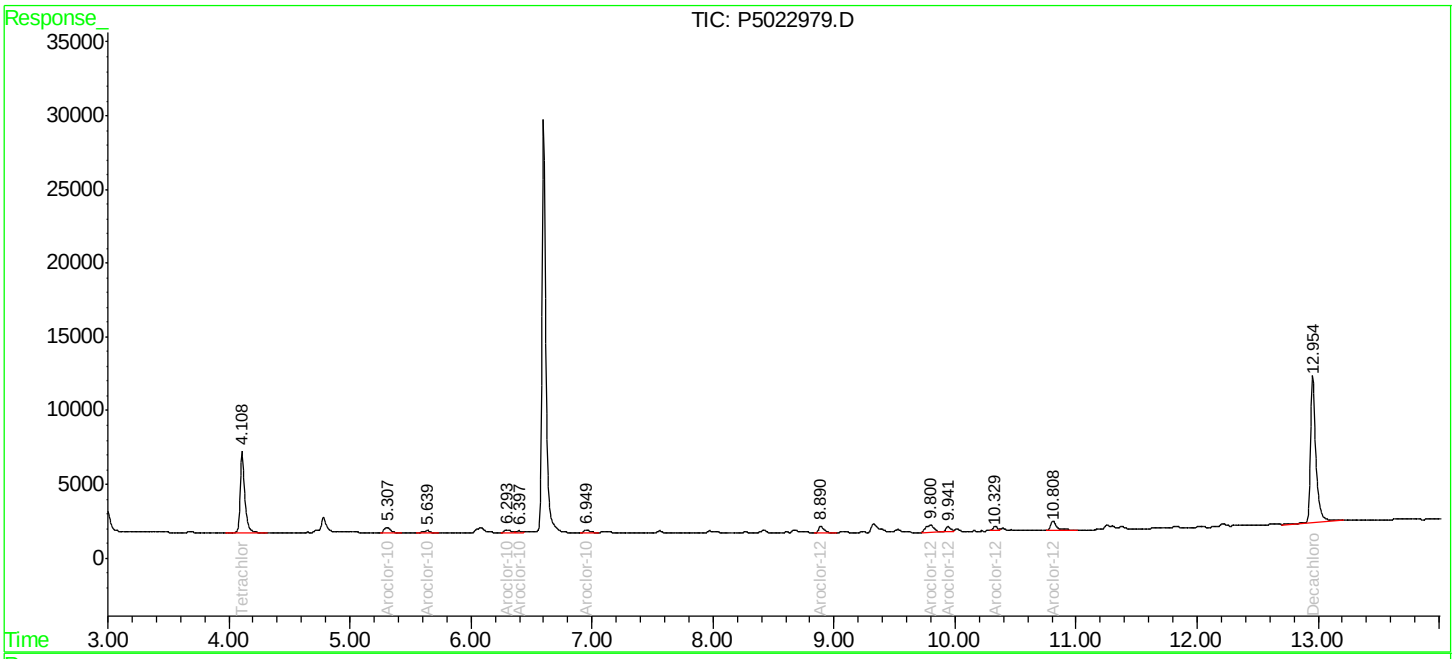
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	72	J
11104-28-2	Aroclor-1221	82	U
11141-16-5	Aroclor-1232	82	U
53469-21-9	Aroclor-1242	82	U
12672-29-6	Aroclor-1248	82	U
11097-69-1	Aroclor-1254	82	U
11096-82-5	Aroclor-1260	61	J
37324-23-5	Aroclor-1262	82	U
11100-14-4	Aroclor-1268	82	U

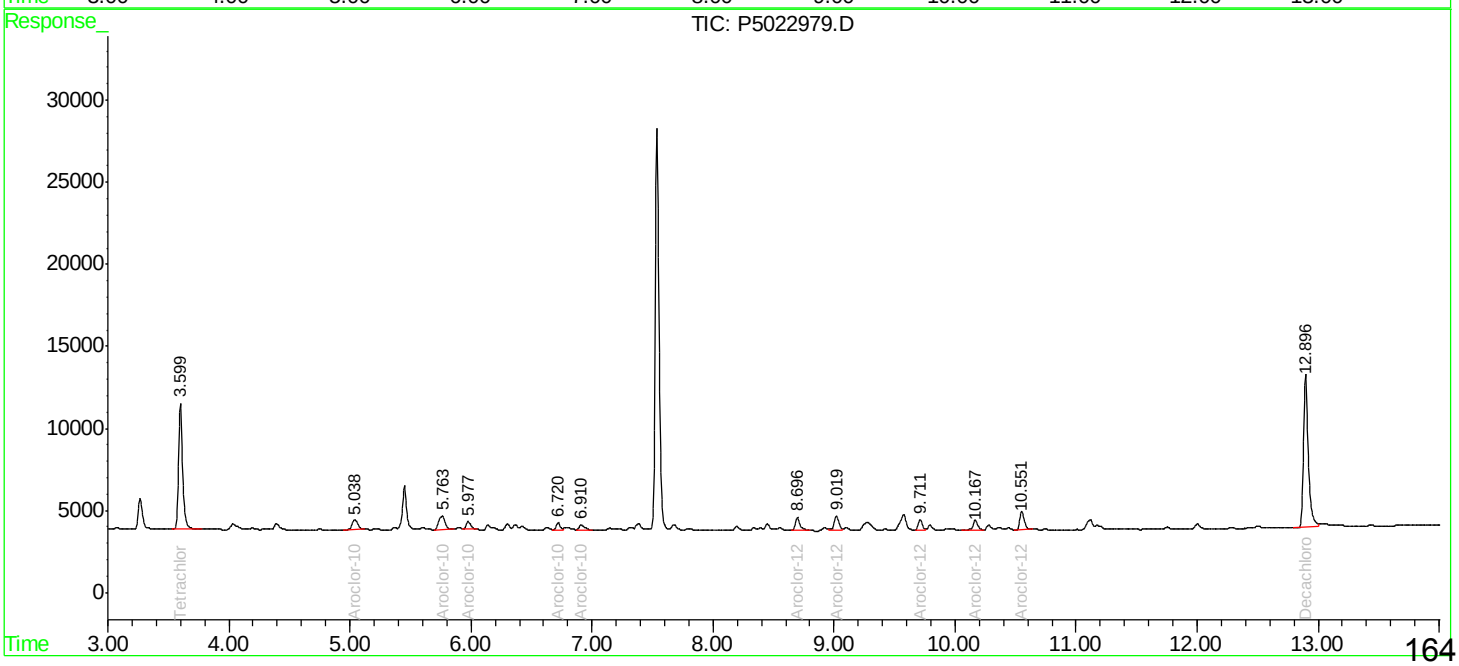
Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022979.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 21:32
Operator : UA
Sample : Z4932-07MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 14:22:15 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm



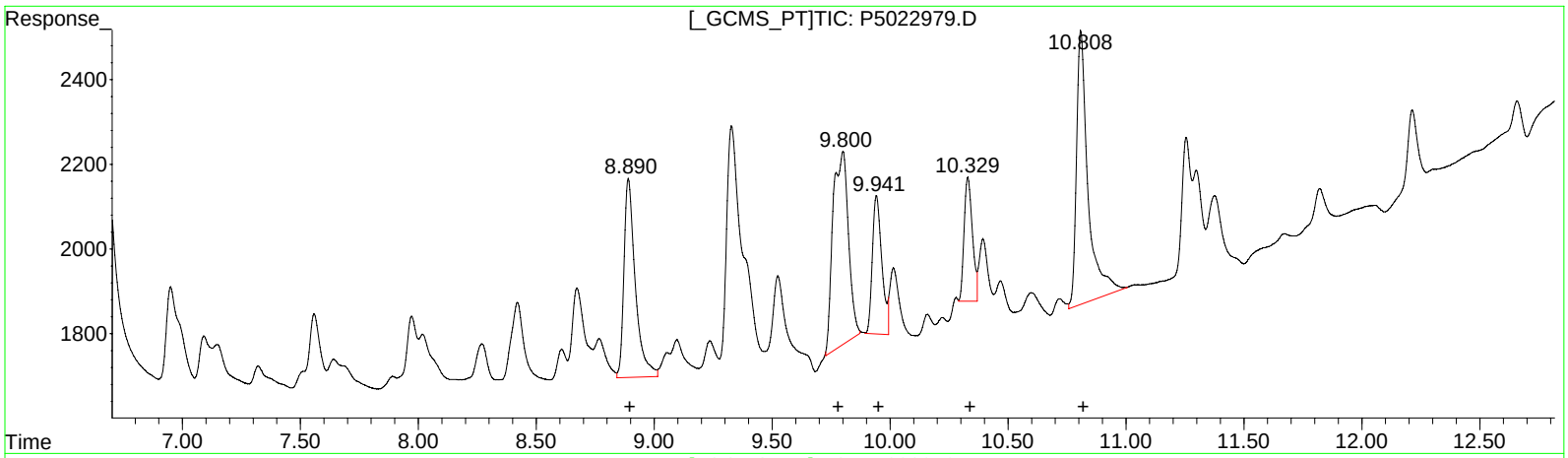


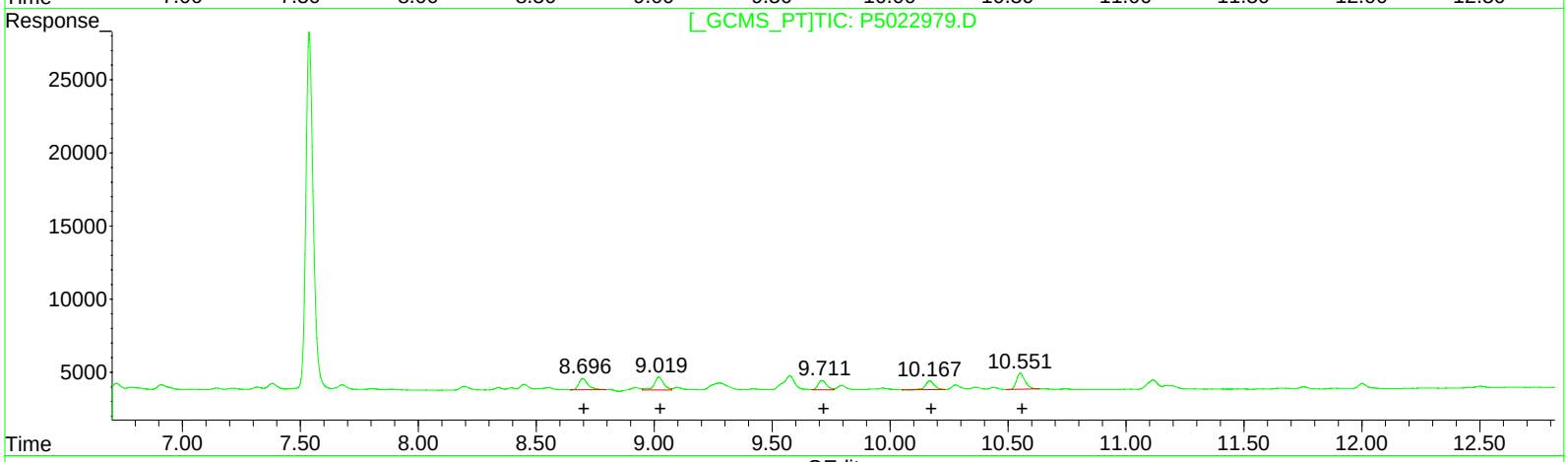
Quantitation Report (Qedit)

Data Path : Z:\Ecd 5\Data\P5102008\
Data File : P5022979.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 21:32
Operator : UA
Sample : Z4932-07MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 14:19:59 2008
Quant Method : Z:\Ecd 5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





QEdit

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
8.89	15671	81.94
9.80	20885	95.62
9.94	9308	69.61
10.33	7085	51.25
10.81	22020	68.88

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
8.70	20570	87.62
9.02	24928	103.22
9.71	15628	75.43
10.17	14850	76.42
10.55	27511	80.40

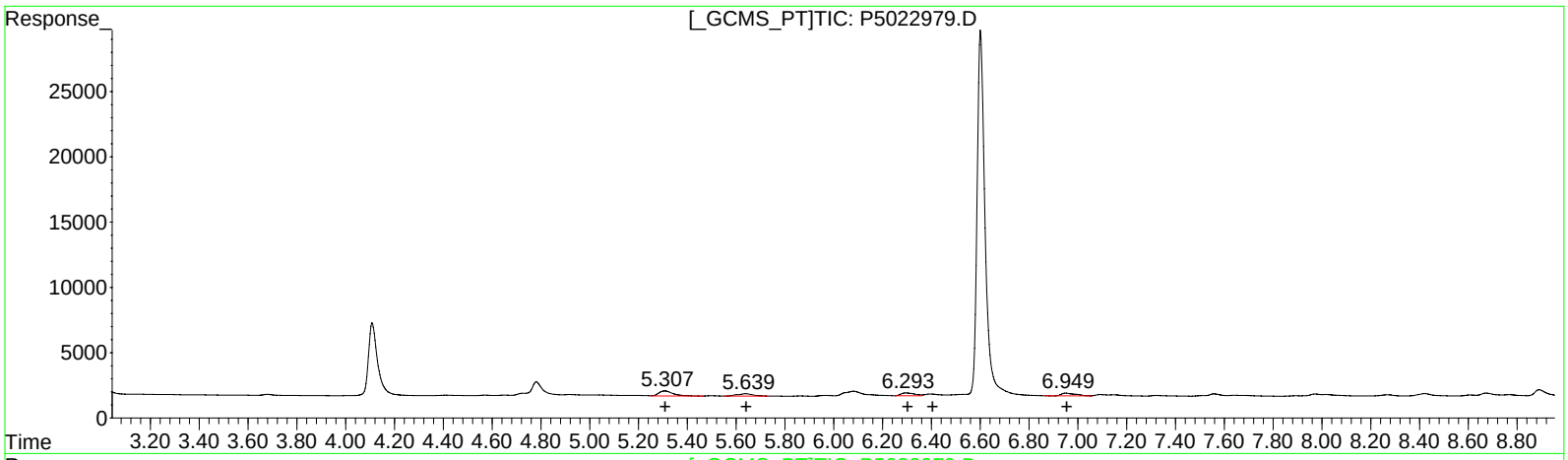
(+) = Expected Retention Time

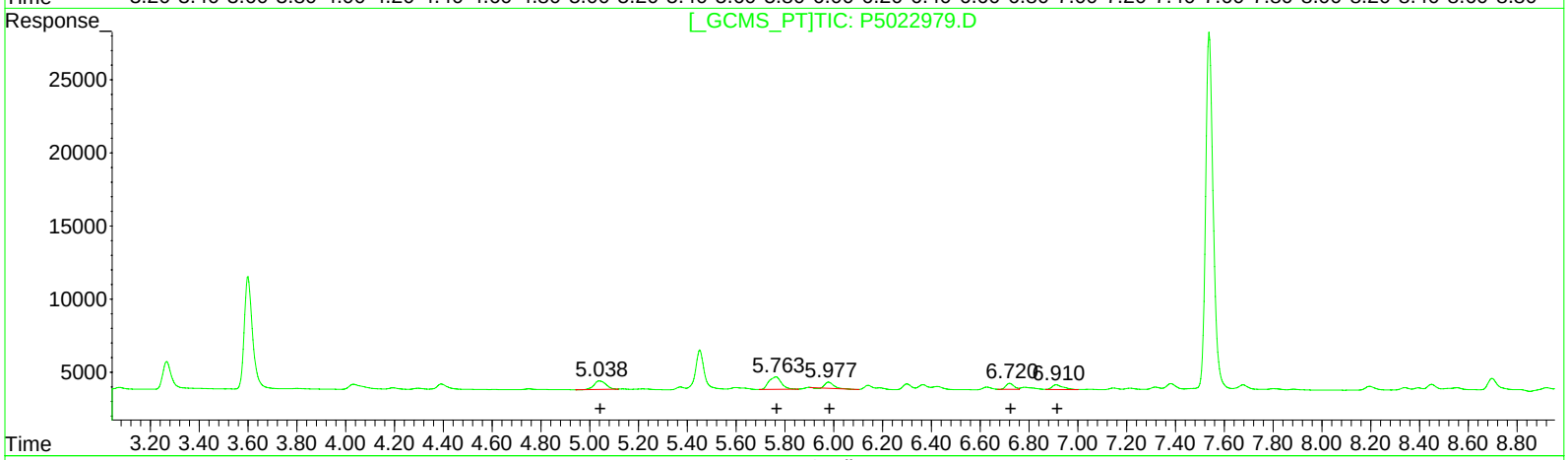
Quantitation Report (Qedit)

Data Path : Z:\Ecd 5\Data\P5102008\
Data File : P5022979.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 21:32
Operator : UA
Sample : Z4932-07MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 14:19:59 2008
Quant Method : Z:\Ecd 5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





QEdit

(3) Aroclor-1016-1 (L1)

R.T.	Response	Conc
5.31	15557	103.73
5.64	7551	86.58
6.30	8139	89.45
0.00	0	0.00
6.95	8145	77.04

(3) Aroclor-1016-1 #2 (L1)

R.T.	Response	Conc
5.04	19612	109.41
5.76	30277	103.59
5.98	9742	72.30
6.72	9384	92.31
6.91	10153	86.84

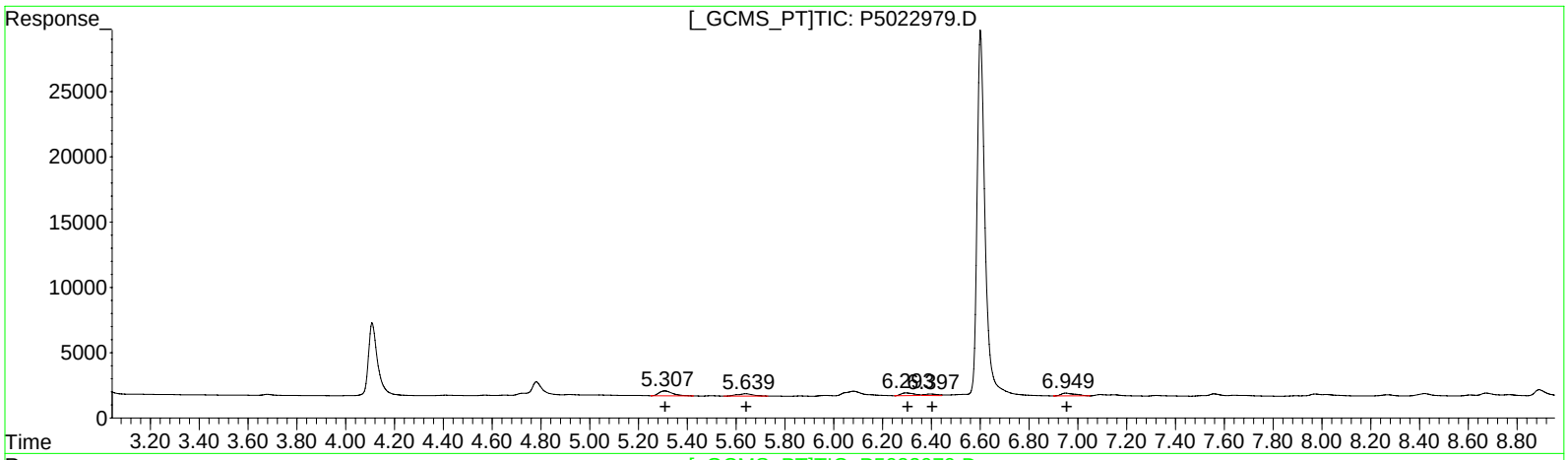
(+) = Expected Retention Time

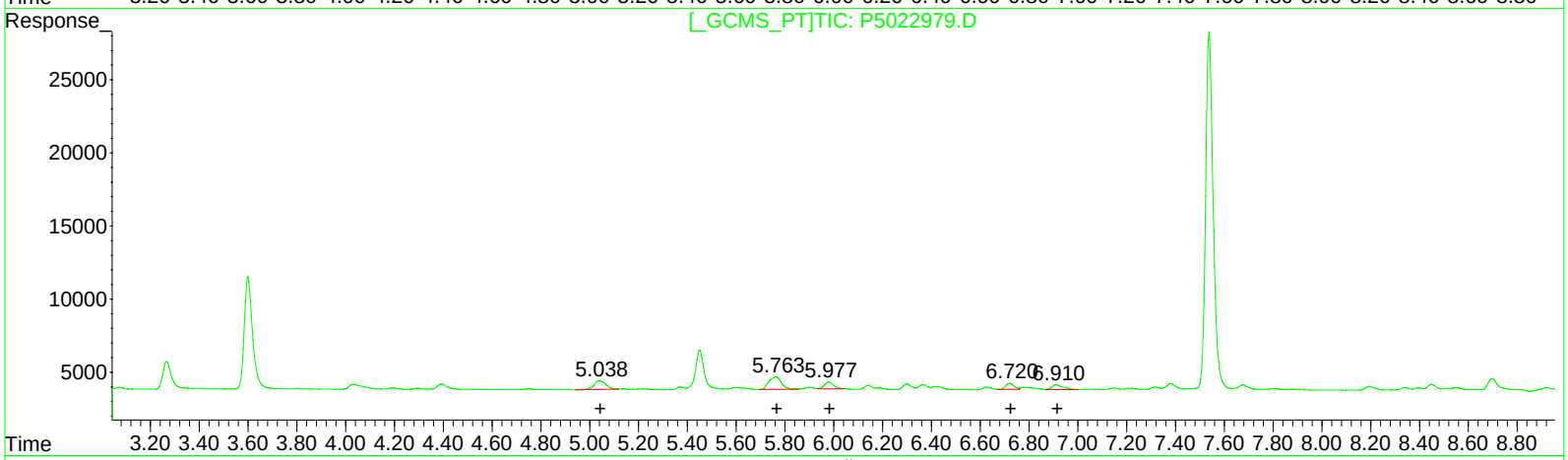
Quantitation Report (Qedit)

Data Path : Z:\Ecd 5\Data\P5102008\
Data File : P5022979.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 21:32
Operator : UA
Sample : Z4932-07MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 14:19:59 2008
Quant Method : Z:\Ecd 5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





QEdit

(3) Aroclor-1016-1 #2 (L1)

R.T.	Response	Conc
5.31	14286	95.26
5.64	7551	86.58
6.29	7384	81.15
6.40	3941	89.54
6.95	8510	80.50

(3) Aroclor-1016-1 #2 (L1)

R.T.	Response	Conc
5.04	19612	109.41
5.76	30277	103.59
5.98	12135	90.07
6.72	9384	92.31
6.91	10153	86.84

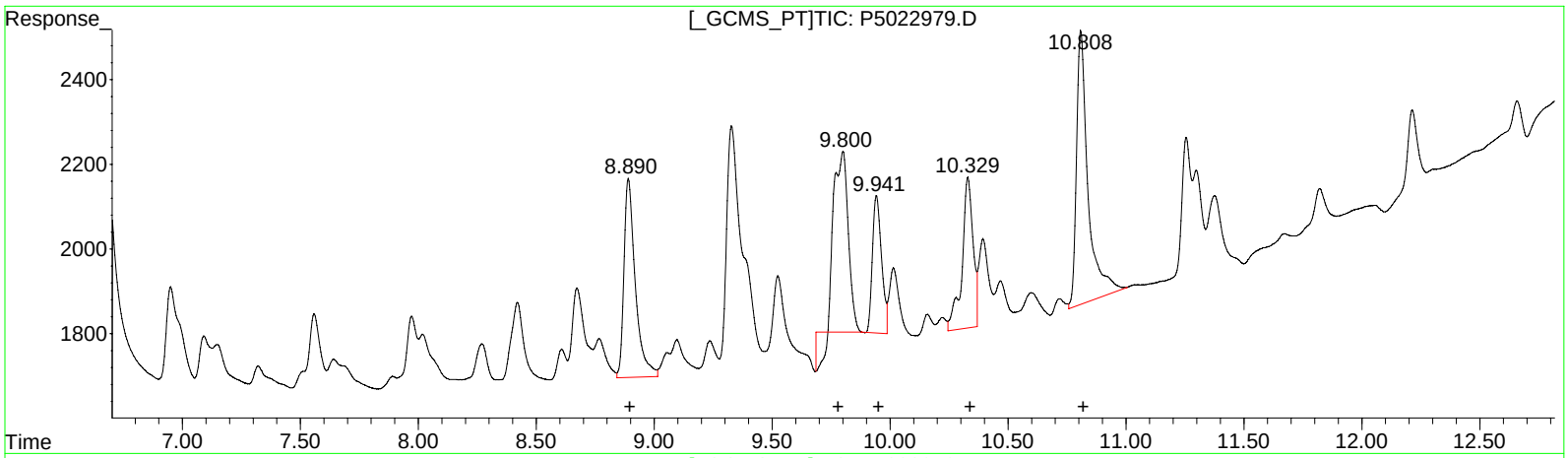
(+) = Expected Retention Time

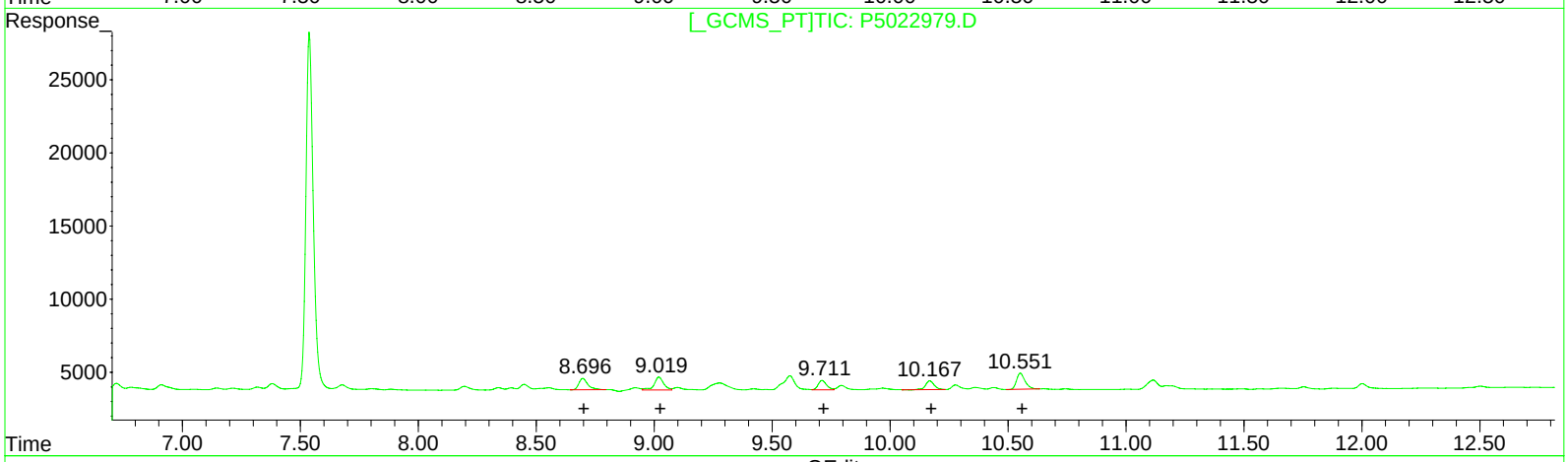
Quantitation Report (Qedit)

Data Path : Z:\Ecd 5\Data\P5102008\
Data File : P5022979.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 21:32
Operator : UA
Sample : Z4932-07MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 14:19:59 2008
Quant Method : Z:\Ecd 5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm





QEdit

(31) Aroclor-1260-1 (L7)

R.T.	Response	Conc
8.89	15671	81.94
9.80	21998	100.72
9.94	8683	64.93
10.33	11497	83.16
10.81	22020	68.88

(31) Aroclor-1260-1 #2 (L7)

R.T.	Response	Conc
8.70	20570	87.62
9.02	24928	103.22
9.71	15628	75.43
10.17	14850	76.42
10.55	27511	80.40

168

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : \\Terastorage\PESTPCBSRV\HPCHEM1\Ecd_5\Data\P5102008\
Data File : P5022979.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 21:32
Operator : UA
Sample : Z4932-07MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS2.E
Quant Time: Oct 24 14:22:15 2008
Quant Method : Z:\Ecd_5\Method\P5102008.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 12:39:28 2008
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides II
Signal #1 Info : 30Mx0.53mmx 0.5µm Signal #2 Info : 30M x 0.53mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.109	3.600	146890	180591	54.864	51.307
2) SA	Decachlor...	12.956	12.898	307655	257993	67.033	55.689
	Target Compounds						
3) L1	Aroclor-1...	5.307	5.040	14286	19612	95.260m	109.407
4) L1	Aroclor-1...	5.641	5.764	7551	30277	86.581	103.589
5) L1	Aroclor-1...	6.293	5.977	7384	12135	81.146m	90.068m
6) L1	Aroclor-1...	6.397	6.721	3941	9384	89.537m	92.312
7) L1	Aroclor-1...	6.949	6.912	8510	10153	80.496m	86.842
31) L7	Aroclor-1...	8.892	8.698	15671	20570	81.939	87.624
32) L7	Aroclor-1...	9.800	9.021	20885	24928	95.622m	103.216
33) L7	Aroclor-1...	9.941	9.712	9308	15628	69.606m	75.431
34) L7	Aroclor-1...	10.329	10.169	7085	14850	51.249m	76.423 #
35) L7	Aroclor-1...	10.810	10.553	22020	27511	68.878	80.404

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

CHEMTECH

PESTICIDE/PCB MISCELLANEOUSDATA

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey - 07092
Phone: (908) 789 8900 Fax: (908) 789 8922

LAB CHRONICLE

Order ID:	Z4932	**Order Date:**	10/10/2008
Client :	Dewberry	**Project:**	Connecticut Superfund Site
Contact :	Corey Nachshen	**Location :**	I13

Lab ID	Client ID	Matrix	Test	Method	Sample Date	PrepDate	AnalDate	Received
Z4932-02	**FIELDBLANK**	**WATER**			**10/09/08**			**10/10/08**
			PCB Group1	SOM01.2		10/13/08	10/22/08	
Z4932-03	**RINSATEBLANK**	**WATER**			**10/09/08**			**10/10/08**
			PCB Group1	SOM01.2		10/13/08	10/22/08	
Z4932-04	**DUP**	**SOIL**			**10/09/08**			**10/10/08**
			PCB Group1	SOM01.2		10/14/08	10/20/08	
Z4932-05	**SED1**	**SOIL**			**10/09/08**			**10/10/08**
			PCB Group1	SOM01.2		10/14/08	10/20/08	
Z4932-08	**SED2**	**SOIL**			**10/09/08**			**10/10/08**
			PCB Group1	SOM01.2		10/14/08	10/20/08	
Z4932-09	**SED3**	**SOIL**			**10/09/08**			**10/10/08**
			PCB Group1	SOM01.2		10/14/08	10/20/08	
Z4932-10	**SED4**	**SOIL**			**10/09/08**			**10/10/08**
			PCB Group1	SOM01.2		10/14/08	10/20/08	
Z4932-11	**SED5**	**SOIL**			**10/09/08**			**10/10/08**
			PCB Group1	SOM01.2		10/14/08	10/20/08	
Z4932-12	**SED6**	**SOIL**			**10/09/08**			**10/10/08**
			PCB Group1	SOM01.2		10/14/08	10/20/08	
Z4932-13	**SED7**	**SOIL**			**10/09/08**			**10/10/08**
			PCB Group1	SOM01.2		10/14/08	10/20/08	
Z4932-14	**SED8**	**SOIL**			**10/09/08**			**10/10/08**

CHEMTECH
284 Sheffield Street, Mountainside, New Jersey - 07092
Phone: (908) 789 8900 Fax: (908) 789 8922

LAB CHRONICLE

PCB Group1	SOM01.2	10/14/08	10/20/08

CHEMTECH 284 Sheffield Street, Mountainside New Jersey 07092

NEW JERSEY LAB ID#: 20012: NEW YORK LAB ID#: 11376

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: Z4932 MATRIX: Water/soil

METHOD: SOM01.2

		NA	NO	YES
1.	Chromatograms Labeled/Compounds Identified.			✓
2.	Standard Summary Submitted.			
3.	Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis, 12 HOURS IF 8000 SERIES METHOD.			✓
4.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
5.	Surrogate Recoveries Meet Criteria		✓	
	If not met, list those compounds and their recoveries which fall outside the acceptable ranges.			
	The Surrogate recoveries met the acceptable criteria except for SED3.			
6.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria			✓
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			
7.	Retention Time Shift Meet Criteria (if applicable)			✓
	Comments:			
8.	Extraction Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			
9.	Analysis Holding Time Met			✓
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			

ADDITIONAL COMMENTS: The Initial Calibration met the requirements except for Decachlorobiphenyl has 28.8 % RSD but the samples have no hit for this.

QA REVIE

Kalpana Raythattha
I have reviewed this document
2008.11.04 13:18:34 -05'00'

CHEMTECH EXTRACTION LOGPAGE

SOP#: M (3510) 5030B.2

Matrix : Water

Clean Up Method: Florosil,Sulfuric Acid,

Review By:

Batch# PB37175

Extraction Date : 10/13/2008 12:00:00 AM

Extracted By : MB3 / RR

Method of Extraction

- [x] Seperatory Funnel
- [ ] Continious Liquid/Liquid
- [ ] Sonication
- [ ] Waste Dilution
- [ ] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Blank Spike	1.0ML	1000 ppb	GCP7039
Surrogate	3.0ML	200/1400 ppb	GCP7784

Chemical Used	Lot Number
Methylene Chloride	ER1539
Acetone	ER1537
Sodium Sulfate	ER1498
Hexane	ER1525
H2SO4 1:1	X811

Extraction Conformance/Non-Conformance Comments:

KD Bath Temperature: 59 C

Received Date: 10/22/08

Delivered Date: 10/22/08

Envap Temperature: 40 C

Received By: RJ

Delivered By: RR

Analysis Group: HM, HP, QM

Extraction Group: BE, BP, DM, DP, DR, DS, IG, JM, JR, MA, MGS, MS, RP, SA

CHEMTECH EXTRACTION LOGPAGE

PrepBatch ID PB37175

— Pcb/water —

Method: 5030B/8082 Supervisor Review: Date: / /

Initials: MBS Concentration Date: / /

Extraction Date: 10/13/2008 12:00:00 AM Initials:

Lab Sample ID	Client Sample ID	Test	Weight/ Volume mL	PH	Ver. Sur./Spik	Final Vol. (mL)	Comments
PB37175BL	PB37175BL	PCB Group1	1000	5	DCB / MBS	10	
PB37175BS	PB37175BS	PCB Group1	1000	5			
Z4920-01	RB-1	PCB Group1	970	5			
Z4923-17	FB	PCB Group1	970	5			
Z4923-18	FB	PCB Group1	980	5			
Z4923-19	RB	PCB Group1	960	5			
Z4932-02	FIELDBLANK	PCB Group1	980	5			
Z4932-03	RINSATEBLANK	PCB Group1	970	5		10	

BJ 10/22/08

* Extracts relinguished on the same date as received. Both person who concentrated and delivered the extracts and person accepting the extracts in analytical lab, must sign.

CHEMTECH

— Pcb —

EXTRACTION LOGPAGE

PrepBatch ID PB37175

Method: SW3012 Supervisor Review:_____

Date: 10 / 23 / 08

Initials:_____

Concentration Date: 10 / 16 / 08

Extraction Date:_ 10/13/2008 12:00:00 AM

Initials: DR

Lab Sample ID	Client Sample ID	Test	Weight/ Volume mL	PH	Ver. Sur./Spik	Final Vol. (mL)	Comments
PB37175BL	PB37175BL	PCB Group1	1000	5	RajeshParikh	10	
PB37175BS	PB37175BS	PCB Group1	1000	5	RajeshParikh	10	
Z4920-01	RB-1	PCB Group1	970	5	RajeshParikh	10	
Z4923-17	FB	PCB Group1	970	5	RajeshParikh	10	
Z4923-18	FB	PCB Group1	980	5	RajeshParikh	10	
Z4923-19	RB	PCB Group1	960	5	RajeshParikh	10	
Z4932-02	FIELDBLANK	PCB Group1	980	5	RajeshParikh	10	
Z4932-03	RINSATEBLANK	PCB Group1	970	5	RajeshParikh	10	

* Extracts relinguished on the same date as received. Both person who concentrated and delivered the extracts and person accepting the extracts in analytical lab, must sign.

CHEMTECH EXTRACTION LOGPAGE

SOP#: M SOM01.2

Matrix : Solid

Clean Up Method: Sulfuric Acid, VR

Review By:

Batch# PB37221

Extraction Date : 10/14/2008 12:00:00 AM

Extracted By : BP MGS AR

Method of Extraction

- [ ] Seperatory Funnel
- [ ] Continious Liquid/Liquid
- [ ] Sonication
- [ ] Waste Dilution
- [x] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Blank Spike	1.0ML	1000 PPb	GCP7039
Surrogate	3.0ML	200/400 PPb	GCP7603

10/20/08

Chemical Used	Lot Number
Methylene Chloride	ER1535
Sodium Sulfate	ER1498
Hexane	ER1531
H2SO4 1:1	X811

10/20/08

Extraction Conformance/Non-Conformance Comments:

10/20/08

KD Bath Temperature: 59 c

Received Date: 10/16/08

Delivered Date: 10/16/08

Envap Temperature: 40° c

Received By: BI

Delivered By:

Analysis Group: HM, HP, QM

Extraction Group : BE, BP, DM, DP, DR, DS, IG, JM, JR, MA, MGS, MS, RP, SA

CHEMTECH

EXTRACTION LOGPAGE

-SOIL-

Method: SOM01.2 Supervisor Review: / Date: 10/6/08 PREP Batch #: PB37221

Extraction Date: 10/14/2008 Initials: PR/MGS Concentration Date: 10/16/08 Initials: VR

LAB SAMPLE ID	CLIENT SAMPLE ID	TEST	Weight/ Volume mL	PH	Ver. Sur./Spike	Final Vol. (mL)	COMMENTS
PB37221BS		PCB Group1	30.03	NA	MGS	10	
Z4932-04	DUP	PCB Group1	30.08	5.60			
Z4932-05	SED1	PCB Group1	30.04	6.80			
Z4932-06	Z4932-05MS	PCB Group1	30.05	6.78			
Z4932-07	Z4932-05MSD	PCB Group1	30.03	6.76			
Z4932-08	SED2	PCB Group1	30.06	7.20			
Z4932-09	SED3	PCB Group1	30.11	5.55			
Z4932-10	SED4	PCB Group1	30.03	6.35			
Z4932-11	SED5	PCB Group1	30.05	6.40			
Z4932-12	SED6	PCB Group1	30.07	6.20			
Z4932-13	SED7	PCB Group1	30.09	6.64			
Z4932-14	SED8	PCB Group1	30.03	6.81			
PB37221BL		PCB Group1	30.00	NA			

>>>

10/15/08 BJ

* Extracts relinguished on the same date as received. Both person who concentrated and delivered the extracts and person accepting the extracts in analytical lab, must sign.

CHEMTECH EXTRACTION LOGPAGE

PrepBatch ID **PB37221**

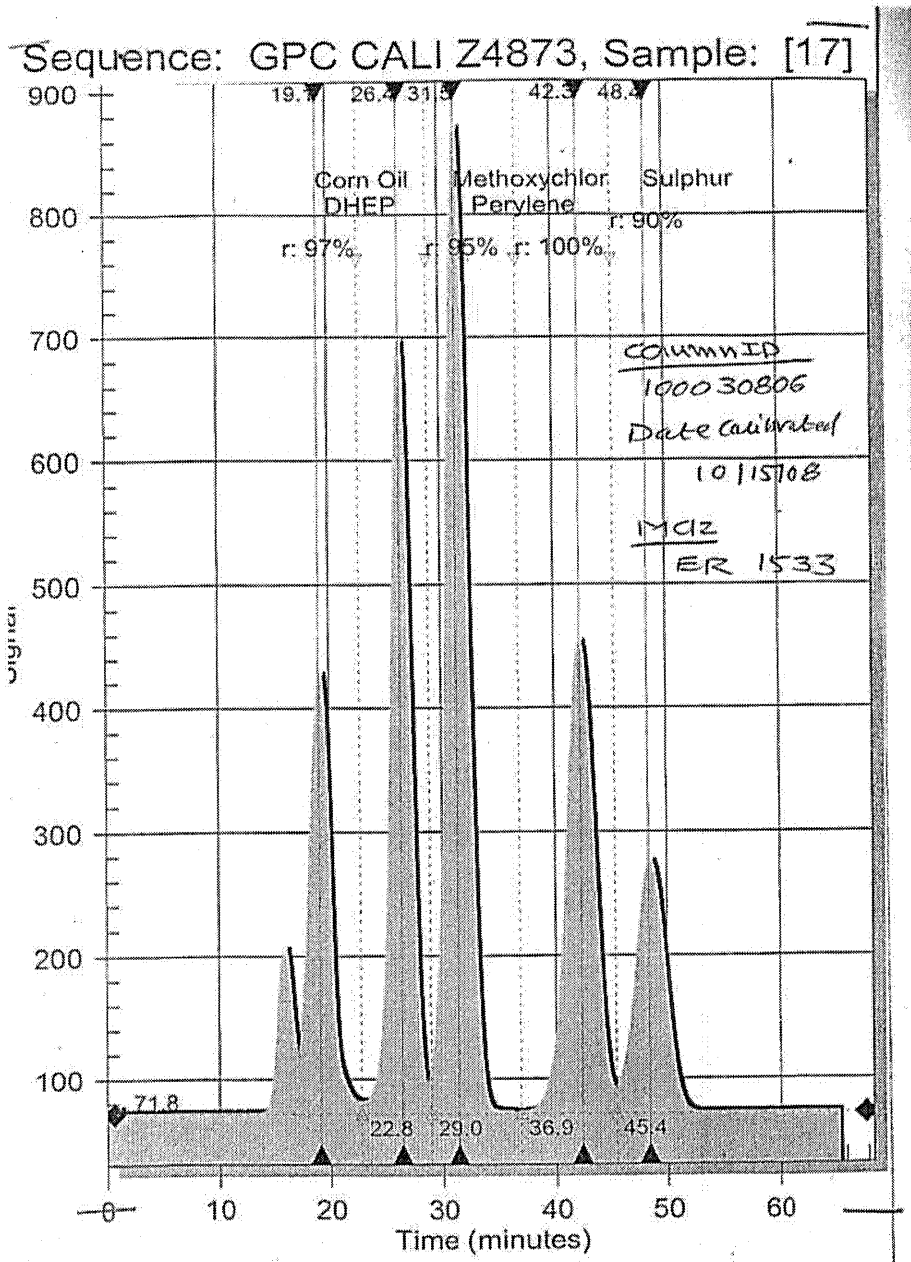
Method:_____ **Supervisor Review:**_____ **Date:**_____/_____/_____

Initials:_____ **Concentration Date:**_____/_____

Extraction Date:_ 10/14/2008 12:00:00 AM **Initials:**_____

Lab Sample ID	Client Sample ID	Test	Weight/ Volume mL	PH	Ver. Sur./Spik	Final Vol. (mL)	Comments
PB37221BL	PB37221BL	PCB Group1	30.00	N/A	Max	10	
PB37221BS	PB37221BS	PCB Group1	30.03	N/A	Max	10	
Z4932-04	DUP	PCB Group1	30.08	5.60	Max	10	
Z4932-05	SED1	PCB Group1	30.04	6.80	Max	10	
Z4932-06	Z4932-05MS	PCB Group1	30.05	6.78	Max	10	
Z4932-07	Z4932-05MSD	PCB Group1	30.03	6.76	Max	10	
Z4932-08	SED2	PCB Group1	30.06	7.20	Max	10	
Z4932-09	SED3	PCB Group1	30.11	5.55	Max	10	
Z4932-10	SED4	PCB Group1	30.03	6.35	Max	10	
Z4932-11	SED5	PCB Group1	30.05	6.40	Max	10	
Z4932-12	SED6	PCB Group1	30.07	6.20	Max	10	
Z4932-13	SED7	PCB Group1	30.09	6.64	Max	10	
Z4932-14	SED8	PCB Group1	30.03	6.81	Max	10	

* Extracts relinguished on the same date as received. Both person who concentrated and delivered the extracts and person accepting the extracts in analytical lab, must sign.



CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900 www.chemtech.net

Daily Analysis Runlog

J2 SCIENTIFIC ACCUPREP GPC System

Start Date: 10/15/08 End Date: 10/17/08 Analyst DP Review By: MC

STD. Name	STD REF. #:	Check Standard	Data File and Date	Reagent
GPC Calibration	X816	BNA Blank Check		Methylene Chloride
Pest Check Std	GCP 7276 2ml	Pesticide Blank Check		Reagent Reference #
PCB Check Std	GCP 7704 1ml	Pesticide Check		IER 1533
CALIB. DATE:	10/15/08 ~~10/15~~ MC	PCB Check		MC

	Port #	Sample ID	Volume Collected	Extraction Date	BNA	PEST	Comments
	16	column cleaned					PM.
17	~~17~~	GPC cali Z4873					UV Trace Analysis
	18	PCB blank	90	10-15-08		✓	Z4873
	19	Pest blank				✓	
	20	PCB SPIK				✓	
	21	Pest SPIK				✓	
	22	GPC blank	120		✓	✓	
	23	Z4932-04	90	10/14/08		✓	Z4932 (Pest)
	24	-05				✓	(10/16)
	25	-06				✓	ms
	26	-07				✓	msd
	27	-08				✓	
	28	-09				✓	
	29	-10				✓	
	30	-11				✓	
	31	-12				✓	
	32	-13				✓	
	33	Z4932 -14				✓	
	34	Pb 37222 BS				✓	
	35	Pb 37222 BL				✓	

Doc Control # A3040662

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900 www.chemtech.net

Daily Maintenance Runlog For J2 SCIENTIFIC ACCUPREP GPC System

	Analyst Initial	Performed
1.		
2.		
3		
4		
5		

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900 www.chemtech.net

Daily Analysis Runlog
J2 SCIENTIFIC ACCUPREP GPC System

Start Date: 10/15/08 End Date: 10/21/08 Analyst DP Review By:

STD. Name	STD REF. #:	Check Standard	Data File and Date	Reagent
GPC Calibration	X816	BNA Blank Check		Methylene Chloride
Pest Check Std	GCP 7226 2ml	Pesticide Blank Check		Reagent Reference #
PCB Check Std	GCP 7704 1ml	Pesticide Check		ER1533
CALIB. DATE:	10/15/08	PCB Check		

	Port #	Sample ID	Volume Collected	Extraction Date	BNA	PEST	Comments
	36	column cleaned					P.m
	1	24932-04	120	10/14/08	✓		(4932) SVOC
	2	-05			✓		(10/16-10/17)
	3	-06			✓		(ms)
	4	-07			✓		(msd)
	5	-08			✓		
	6	-09			✓		
	7	-10			✓		
	8	-11			✓		
	9	-12			✓		
	10	-13			✓		
	11	-14			✓		
	12	PB37223 BL			✓		
	13	24983-01	90	10/16/08		✓	24983 (Pest)
	14	-02				✓	(10/17)
	15	-03				✓	
	16	-04				✓	
	17	-05				✓	
	18	-06				✓	
	19	-07				✓	(ms)

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900 www.chemtech.net

Daily Maintenance Runlog For J2 SCIENTIFIC ACCUPREP GPC System

	Analyst Initial	Performed
1.		
2.		
3		
4		
5		

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900 www.chemtech.net

Daily Analysis Runlog

J2 SCIENTIFIC ACCUPREP GPC System

Start Date: 10/15/08 End Date: 10/21/08 Analyst DP Review By: _____

STD. Name	STD REF. #:	Check Standard	Data File and Date	Reagent
GPC Calibration	X816	BNA Blank Check		Methylene Chloride
Pest Check Std	GCP 7226 2ml	Pesticide Blank Check		Reagent Reference #
PCB Check Std	GCP 7704 1ml	Pesticide Check		ER 1533
CALIB. DATE:	10/15/08	PCB Check		

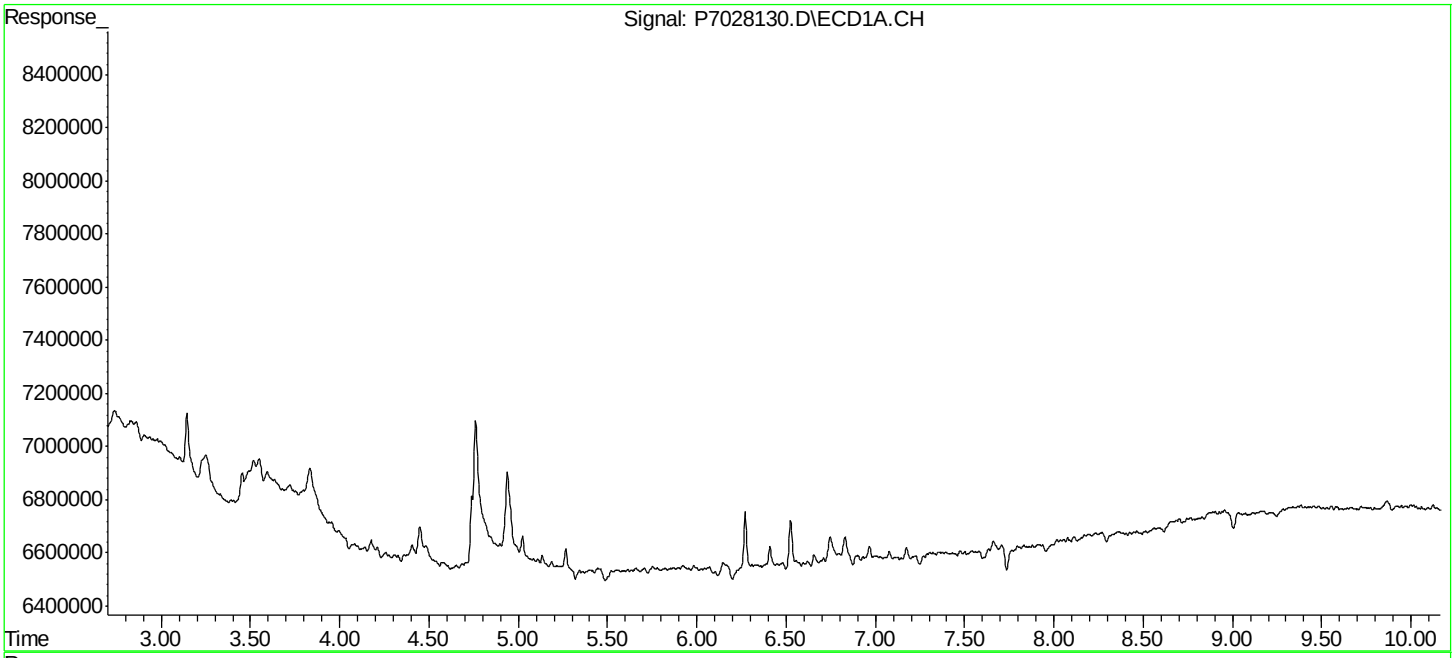
	Port #	Sample ID	Volume Collected	Extraction Date	BNA	PEST	Comments
	20	24983-08	90	10/16/08		✓	(msd) 4983 (Pes)
	21	24983-09				✓	
	22	Pb 37316 BS				✓	
	23	Pb 37316 BL				✓	
	24	GPC cleanup	—	—	—	—	— pm.
	25	24983-01	120	10/16/08	✓		24983 (svc)
	26	-02			✓		
	27	-03			✓		
	28	-04			✓		
	29	-05			✓		
	30	-06			✓		
	31	-07			✓		(ms)
	32	-08			✓		(msd)
	33	24983 -09			✓		
	34	Pb37317 BL			✓		
	35	FLORISIL CH.	90			✓	

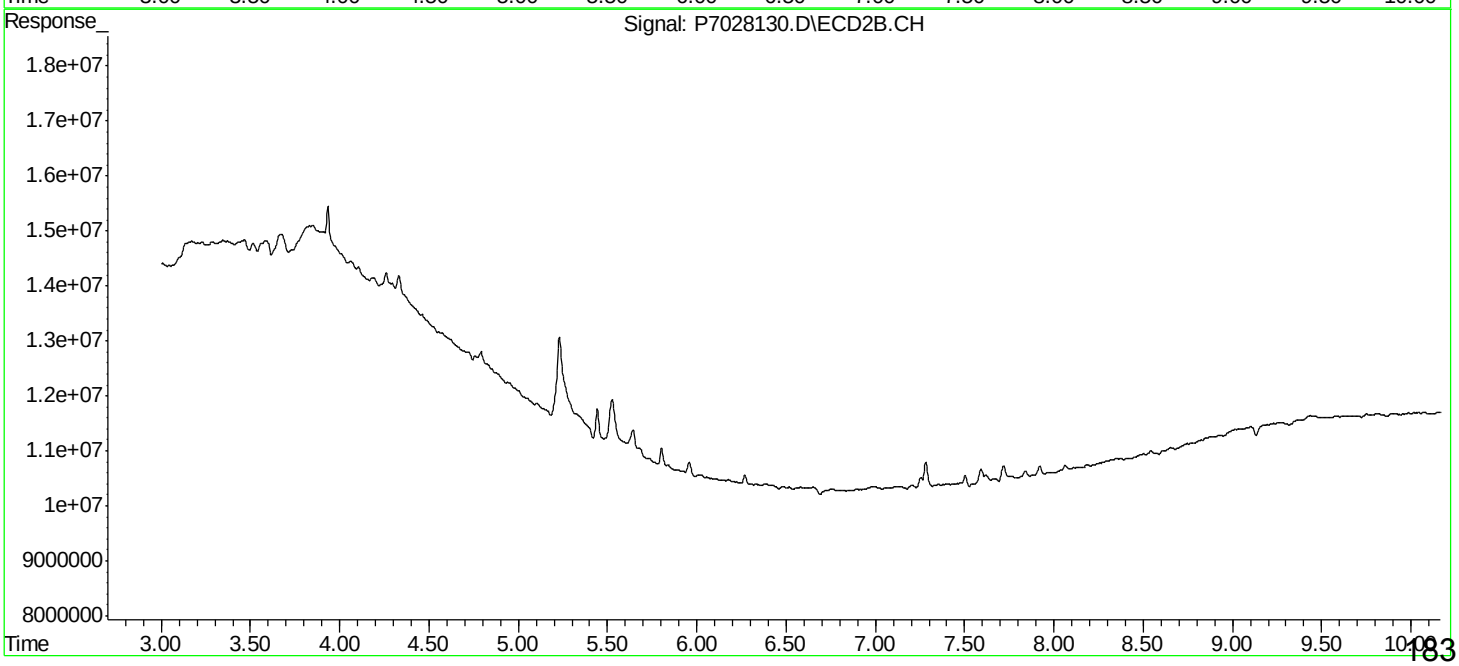
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\Ecd_7\Data\P7101908\
Data File : P7028130.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 15:36
Operator : LH
Sample : Z4873-06
Misc : PEST-GPC-BLANK100030806
ALS Vial : 1 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 20 17:17:59 2008
Quant Method : S:\Ecd_7\Method\P7100608.M
Quant Title : GC Extractables
QLast Update : Mon Oct 06 23:35:45 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\Ecd_7\Data\P7101908\
Data File : P7028130.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 15:36
Operator : LH
Sample : Z4873-06
Misc : PEST-GPC-BLANK100030806
ALS Vial : 1 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 20 17:17:59 2008
Quant Method : S:\Ecd_7\Method\P7100608.M
Quant Title : GC Extractables
QLast Update : Mon Oct 06 23:35:45 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds

Target Compounds

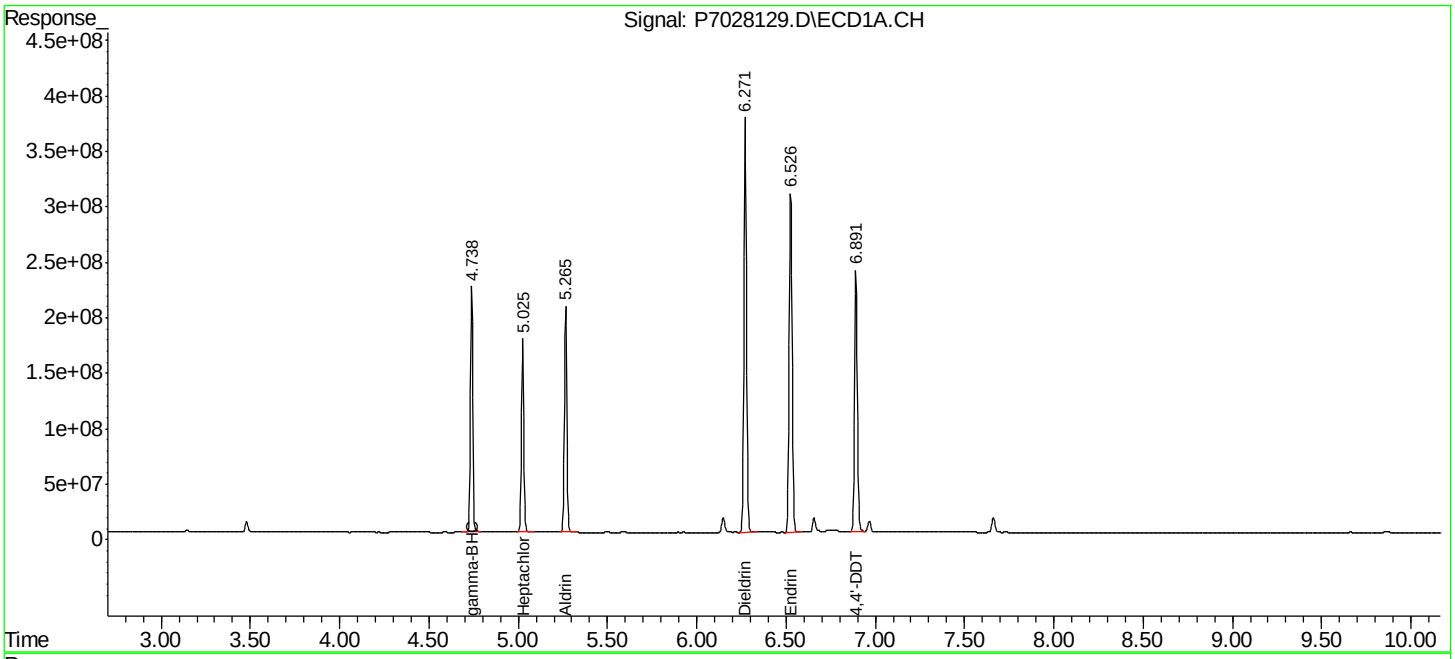
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

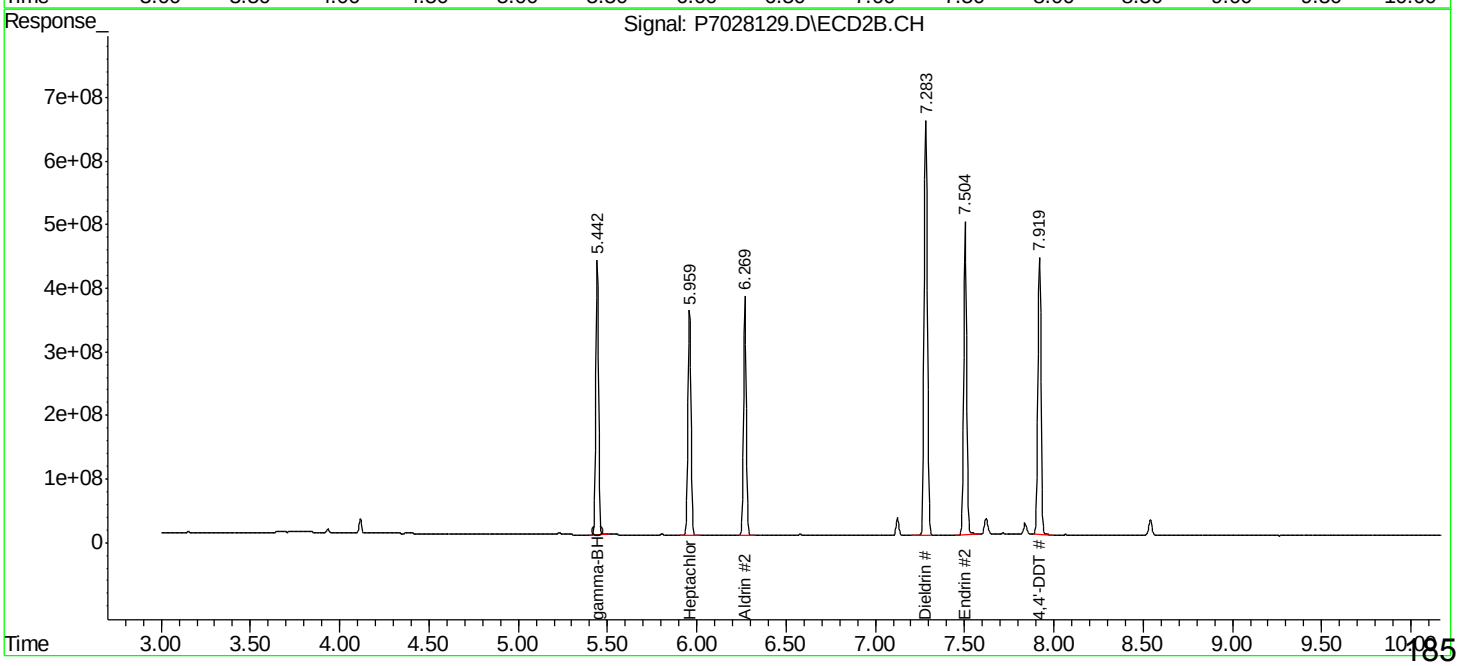
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\Ecd_7\Data\P7101908\
Data File : P7028129.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 15:19
Operator : LH
Sample : Z4873-07
Misc : PEST-GCP-BLANK-SPIKE100030806
ALS Vial : 100 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 20 17:15:11 2008
Quant Method : S:\Ecd_7\Method\P7100608.M
Quant Title : GC Extractables
QLast Update : Mon Oct 06 23:35:45 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\Ecd_7\Data\P7101908\
Data File : P7028129.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Oct 2008 15:19
Operator : LH
Sample : Z4873-07
Misc : PEST-GCP-BLANK-SPIKE100030806
ALS Vial : 100 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 20 17:15:11 2008
Quant Method : S:\Ecd_7\Method\P7100608.M
Quant Title : GC Extractables
QLast Update : Mon Oct 06 23:35:45 2008
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
	Target Compounds						
3) MA	gamma-BHC...	4.739	5.443	2051.7E6	4435.0E6	38.066	42.550
4) MA	Heptachlor	5.026	5.960	1755.8E6	3970.0E6	43.010	51.967
5) MB	Aldrin	5.267	6.271	2106.7E6	4370.9E6	40.533	44.089
13) MA	Dieldrin	6.273	7.284	4088.2E6	8119.1E6	82.653	87.678
14) MA	Endrin	6.527	7.505	3370.2E6	6180.1E6	83.091	91.823
17) MA	4,4'-DDT	6.893	7.921	2688.5E6	5401.5E6	83.172	95.930

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

CHEMTECH

Manual Integration Report

Sequence	p7100608	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
10PPB PEST	P7027282.D	Methoxychlor	paresh desai	10/7/2008 12:07:03 AM	luyin	10/7/2008 11:29:58 AM	Peak Integrated by Software incorrectly
10PPB PEST	P7027282.D	Endrin ketone #2	paresh desai	10/7/2008 12:07:03 AM	luyin	10/7/2008 11:29:58 AM	Peak Integrated by Software incorrectly
10PPB PEST	P7027282.D	Decachlorobiphenyl	paresh desai	10/7/2008 12:07:03 AM	luyin	10/7/2008 11:29:58 AM	Peak Integrated by Software incorrectly
10PPB PEST	P7027282.D	Endrin #2	paresh desai	10/7/2008 12:07:03 AM	luyin	10/7/2008 11:29:58 AM	Peak Integrated by Software incorrectly
10PPB PEST	P7027282.D	Endrin aldehyde #2	paresh desai	10/7/2008 12:07:03 AM	luyin	10/7/2008 11:29:58 AM	Peak Integrated by Software incorrectly
10PPB PEST	P7027282.D	Endosulfan Sulfate #2	paresh desai	10/7/2008 12:07:03 AM	luyin	10/7/2008 11:29:58 AM	Peak Integrated by Software incorrectly
10PPB PEST	P7027282.D	Heptachlor epoxide	paresh desai	10/7/2008 12:07:03 AM	luyin	10/7/2008 11:29:58 AM	Peak Integrated by Software incorrectly
10PPB PEST	P7027282.D	Dieldrin	paresh desai	10/7/2008 12:07:03 AM	luyin	10/7/2008 11:29:58 AM	Peak Integrated by Software incorrectly
10PPB PEST	P7027282.D	Dieldrin #2	paresh desai	10/7/2008 12:07:03 AM	luyin	10/7/2008 11:29:58 AM	Peak Integrated by Software incorrectly
STD 50 ICV	P7027285.D	Endrin aldehyde #2	paresh desai	10/7/2008 12:06:58 AM	luyin	10/7/2008 11:30:57 AM	Peak Integrated by Software incorrectly
STD 50 ICV	P7027285.D	Methoxychlor #2	paresh desai	10/7/2008 12:06:58 AM	luyin	10/7/2008 11:30:57 AM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	p7100608	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
STD 50 ICV	P7027285.D	Endrin #2	paresh desai	10/7/2008 12:06:58 AM	luyin	10/7/2008 11:30:57 AM	Peak Integrated by Software incorrectly
STD 50 ICV	P7027285.D	Endosulfan II	paresh desai	10/7/2008 12:06:58 AM	luyin	10/7/2008 11:30:57 AM	Peak Integrated by Software incorrectly
STD 50 ICV	P7027285.D	Endosulfan II #2	paresh desai	10/7/2008 12:06:58 AM	luyin	10/7/2008 11:30:57 AM	Peak Integrated by Software incorrectly
STD 50 ICV	P7027285.D	delta-BHC #2	paresh desai	10/7/2008 12:06:58 AM	luyin	10/7/2008 11:30:57 AM	Peak Integrated by Software incorrectly
STD 50 ICV	P7027285.D	Dieldrin	paresh desai	10/7/2008 12:06:58 AM	luyin	10/7/2008 11:30:57 AM	Peak Integrated by Software incorrectly
STD 50 ICV	P7027285.D	Endrin	paresh desai	10/7/2008 12:06:58 AM	luyin	10/7/2008 11:30:57 AM	Peak Integrated by Software incorrectly
STD 50 ICV	P7027285.D	gamma-BHC (Lindane) #2	paresh desai	10/7/2008 12:06:58 AM	luyin	10/7/2008 11:30:57 AM	Peak Integrated by Software incorrectly
STD 50 ICV	P7027285.D	beta-BHC #2	paresh desai	10/7/2008 12:06:58 AM	luyin	10/7/2008 11:30:57 AM	Peak Integrated by Software incorrectly
STD 50 ICV	P7027285.D	delta-BHC	paresh desai	10/7/2008 12:06:58 AM	luyin	10/7/2008 11:30:57 AM	Peak Integrated by Software incorrectly
STD 50 ICV	P7027285.D	Tetrachloro-m-xylene	paresh desai	10/7/2008 12:06:58 AM	luyin	10/7/2008 11:30:57 AM	Peak Integrated by Software incorrectly
STD 50 ICV	P7027285.D	Tetrachloro-m-xylene #2	paresh desai	10/7/2008 12:06:58 AM	luyin	10/7/2008 11:30:57 AM	Peak Integrated by Software incorrectly
STD 50 ICV	P7027285.D	alpha-BHC #2	paresh desai	10/7/2008 12:06:58 AM	luyin	10/7/2008 11:30:57 AM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	p7100608	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
TOX 500 ICV	P7027286.D	Toxaphene-1	luyin	10/7/2008 11:31:10 AM	jung	10/8/2008 12:31:01 PM	Peak Integrated by Software incorrectly
PEM	P7027291.D	Endrin aldehyde	Nidhi	10/7/2008 3:14:33 AM	jung	10/8/2008 12:31:23 PM	Peak Integrated by Software incorrectly
PEM	P7027291.D	Endrin aldehyde #2	Nidhi	10/7/2008 3:14:33 AM	jung	10/8/2008 12:31:23 PM	Peak Integrated by Software incorrectly
PEM	P7027291.D	alpha-BHC	Nidhi	10/7/2008 3:14:33 AM	jung	10/8/2008 12:31:23 PM	Peak Integrated by Software incorrectly
PEM	P7027291.D	alpha-BHC #2	Nidhi	10/7/2008 3:14:33 AM	jung	10/8/2008 12:31:23 PM	Peak Integrated by Software incorrectly
PEM	P7027291.D	beta-BHC	Nidhi	10/7/2008 3:14:33 AM	jung	10/8/2008 12:31:23 PM	Peak Integrated by Software incorrectly
PB36922BL	P7027293.D	Tetrachloro-m-xylene	Nidhi	10/7/2008 3:14:36 AM	jung	10/8/2008 12:31:40 PM	Peak Integrated by Software incorrectly
PB36922BL	P7027293.D	Tetrachloro-m-xylene #2	Nidhi	10/7/2008 3:14:36 AM	jung	10/8/2008 12:31:40 PM	Peak Integrated by Software incorrectly
PB36922BL	P7027293.D	Decachlorobiphenyl	Nidhi	10/7/2008 3:14:36 AM	jung	10/8/2008 12:31:40 PM	Peak Integrated by Software incorrectly
PB36928BL	P7027295.D	Tetrachloro-m-xylene	Nidhi	10/7/2008 3:14:50 AM	jung	10/8/2008 12:31:51 PM	Peak Integrated by Software incorrectly
PB36928BL	P7027295.D	Tetrachloro-m-xylene #2	Nidhi	10/7/2008 3:14:50 AM	jung	10/8/2008 12:31:51 PM	Peak Integrated by Software incorrectly
PB36928BS	P7027296.D	Tetrachloro-m-xylene #2	Nidhi	10/7/2008 3:14:46 AM	luyin	10/7/2008 11:20:14 AM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	p7100608	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB36928BS	P7027296.D	Dieldrin	Nidhi	10/7/2008 3:14:46 AM	luyin	10/7/2008 11:20:14 AM	Peak Integrated by Software incorrectly
Z4754-01	P7027298.D	Tetrachloro-m-xylene #2	Nidhi	10/7/2008 3:14:43 AM	luyin	10/7/2008 11:20:27 AM	Peak Integrated by Software incorrectly
Z4754-02	P7027299.D	Tetrachloro-m-xylene #2	Nidhi	10/7/2008 3:14:39 AM	luyin	10/7/2008 11:20:38 AM	Peak Integrated by Software incorrectly
Z4752-01 10X	P7027300.D	Decachlorobiphenyl #2	dipal	10/7/2008 7:42:54 AM	luyin	10/7/2008 11:20:50 AM	Peak Integrated by Software incorrectly
Z4752-01 10X	P7027300.D	gamma-Chlordane #2	dipal	10/7/2008 7:42:54 AM	luyin	10/7/2008 11:20:50 AM	Peak Integrated by Software incorrectly
Z4752-01 10X	P7027300.D	alpha-Chlordane	dipal	10/7/2008 7:42:54 AM	luyin	10/7/2008 11:20:50 AM	Peak Integrated by Software incorrectly
Z4752-01 10X	P7027300.D	alpha-Chlordane #2	dipal	10/7/2008 7:42:54 AM	luyin	10/7/2008 11:20:50 AM	Peak Integrated by Software incorrectly
Z4752-01 10X	P7027300.D	Tetrachloro-m-xylene	dipal	10/7/2008 7:42:54 AM	luyin	10/7/2008 11:20:50 AM	Peak Integrated by Software incorrectly
Z4752-01 10X	P7027300.D	Tetrachloro-m-xylene #2	dipal	10/7/2008 7:42:54 AM	luyin	10/7/2008 11:20:50 AM	Peak Integrated by Software incorrectly
Z4752-01 10X	P7027300.D	gamma-Chlordane	dipal	10/7/2008 7:42:54 AM	luyin	10/7/2008 11:20:50 AM	Peak Integrated by Software incorrectly
I.BLK	P7027303.D	Tetrachloro-m-xylene #2	dipal	10/7/2008 7:42:58 AM	luyin	10/7/2008 11:21:01 AM	Peak Integrated by Software incorrectly
I.BLK	P7027303.D	Tetrachloro-m-xylene	dipal	10/7/2008 7:42:58 AM	luyin	10/7/2008 11:21:01 AM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	p7100608	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	P7027303.D	Decachlorobiphenyl	dipal	10/7/2008 7:42:58 AM	luyin	10/7/2008 11:21:01 AM	Peak Integrated by Software incorrectly
STD 50	P7027304.D	Endrin	dipal	10/7/2008 7:43:04 AM	luyin	10/7/2008 11:21:16 AM	Peak Integrated by Software incorrectly
STD 50	P7027304.D	Endrin #2	dipal	10/7/2008 7:43:04 AM	luyin	10/7/2008 11:21:16 AM	Peak Integrated by Software incorrectly
STD 50	P7027304.D	Methoxychlor #2	dipal	10/7/2008 7:43:04 AM	luyin	10/7/2008 11:21:16 AM	Peak Integrated by Software incorrectly
STD 50	P7027304.D	gamma-BHC (Lindane)	dipal	10/7/2008 7:43:04 AM	luyin	10/7/2008 11:21:16 AM	Peak Integrated by Software incorrectly
STD 50	P7027304.D	gamma-BHC (Lindane) #2	dipal	10/7/2008 7:43:04 AM	luyin	10/7/2008 11:21:16 AM	Peak Integrated by Software incorrectly
STD 50	P7027304.D	Aldrin #2	dipal	10/7/2008 7:43:04 AM	luyin	10/7/2008 11:21:16 AM	Peak Integrated by Software incorrectly
Z4754-03	P7027305.D	Tetrachloro-m-xylene #2	dipal	10/7/2008 7:43:10 AM	luyin	10/7/2008 11:21:28 AM	Peak Integrated by Software incorrectly
Z4754-04	P7027306.D	Tetrachloro-m-xylene #2	dipal	10/7/2008 7:43:17 AM	luyin	10/7/2008 11:21:40 AM	Peak Integrated by Software incorrectly
Z4754-04	P7027306.D	Decachlorobiphenyl	dipal	10/7/2008 7:43:17 AM	luyin	10/7/2008 11:21:40 AM	Peak Integrated by Software incorrectly
Z4754-05	P7027307.D	Tetrachloro-m-xylene #2	dipal	10/7/2008 7:43:23 AM	luyin	10/7/2008 11:21:54 AM	Peak Integrated by Software incorrectly
Z4754-05	P7027307.D	Decachlorobiphenyl	dipal	10/7/2008 7:43:23 AM	luyin	10/7/2008 11:21:54 AM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	p7100608	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Z4754-05	P7027307.D	Decachlorobiphenyl #2	dipal	10/7/2008 7:43:23 AM	luyin	10/7/2008 11:21:54 AM	Peak Integrated by Software incorrectly
Z4754-06	P7027308.D	Decachlorobiphenyl #2	dipal	10/7/2008 7:43:27 AM	luyin	10/7/2008 11:22:10 AM	Peak Integrated by Software incorrectly
Z4754-06	P7027308.D	Tetrachloro-m-xylene #2	dipal	10/7/2008 7:43:27 AM	luyin	10/7/2008 11:22:10 AM	Peak Integrated by Software incorrectly
Z4754-06	P7027308.D	Tetrachloro-m-xylene	dipal	10/7/2008 7:43:27 AM	luyin	10/7/2008 11:22:10 AM	Peak Integrated by Software incorrectly
Z4754-06	P7027308.D	Decachlorobiphenyl	dipal	10/7/2008 7:43:27 AM	luyin	10/7/2008 11:22:10 AM	Peak Integrated by Software incorrectly
Z4754-07	P7027309.D	Tetrachloro-m-xylene #2	dipal	10/7/2008 7:43:49 AM	luyin	10/7/2008 11:27:10 AM	Peak Integrated by Software incorrectly
Z4754-08	P7027310.D	Decachlorobiphenyl #2	dipal	10/7/2008 7:45:04 AM	luyin	10/7/2008 11:27:20 AM	Peak Integrated by Software incorrectly
Z4754-08	P7027310.D	Tetrachloro-m-xylene	dipal	10/7/2008 7:45:04 AM	luyin	10/7/2008 11:27:20 AM	Peak Integrated by Software incorrectly
Z4754-08	P7027310.D	Tetrachloro-m-xylene #2	dipal	10/7/2008 7:45:04 AM	luyin	10/7/2008 11:27:20 AM	Peak Integrated by Software incorrectly
Z4754-08	P7027310.D	Decachlorobiphenyl	dipal	10/7/2008 7:45:04 AM	luyin	10/7/2008 11:27:20 AM	Peak Integrated by Software incorrectly
Z4754-09	P7027311.D	Decachlorobiphenyl #2	dipal	10/7/2008 7:44:29 AM	luyin	10/7/2008 11:27:30 AM	Peak Integrated by Software incorrectly
Z4754-09	P7027311.D	Tetrachloro-m-xylene #2	dipal	10/7/2008 7:44:29 AM	luyin	10/7/2008 11:27:30 AM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	p7100608	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Z4754-09	P7027311.D	Tetrachloro-m-xylene	dipal	10/7/2008 7:44:29 AM	luyin	10/7/2008 11:27:30 AM	Peak Integrated by Software incorrectly
Z4754-09	P7027311.D	Decachlorobiphenyl	dipal	10/7/2008 7:44:29 AM	luyin	10/7/2008 11:27:30 AM	Peak Integrated by Software incorrectly
Z4754-10	P7027312.D	Tetrachloro-m-xylene #2	dipal	10/7/2008 7:44:23 AM	luyin	10/7/2008 11:27:41 AM	Peak Integrated by Software incorrectly
Z4754-10	P7027312.D	Decachlorobiphenyl	dipal	10/7/2008 7:44:23 AM	luyin	10/7/2008 11:27:41 AM	Peak Integrated by Software incorrectly
Z4754-10	P7027312.D	Decachlorobiphenyl #2	dipal	10/7/2008 7:44:23 AM	luyin	10/7/2008 11:27:41 AM	Peak Integrated by Software incorrectly
I.BLK	P7027315.D	Tetrachloro-m-xylene #2	dipal	10/7/2008 7:43:31 AM	luyin	10/7/2008 11:27:52 AM	Peak Integrated by Software incorrectly
I.BLK	P7027315.D	Tetrachloro-m-xylene	dipal	10/7/2008 7:43:31 AM	luyin	10/7/2008 11:27:52 AM	Peak Integrated by Software incorrectly
PEM	P7027316.D	Endrin aldehyde #2	dipal	10/7/2008 7:43:42 AM	jung	10/8/2008 12:57:53 PM	Peak Integrated by Software incorrectly
PEM	P7027316.D	Methoxychlor #2	dipal	10/7/2008 7:43:42 AM	jung	10/8/2008 12:57:53 PM	Peak Integrated by Software incorrectly
PEM	P7027316.D	Decachlorobiphenyl	dipal	10/7/2008 7:43:42 AM	jung	10/8/2008 12:57:53 PM	Peak Integrated by Software incorrectly
PEM	P7027316.D	Endrin aldehyde	dipal	10/7/2008 7:43:42 AM	jung	10/8/2008 12:57:53 PM	Peak Integrated by Software incorrectly
PEM	P7027316.D	beta-BHC	dipal	10/7/2008 7:43:42 AM	jung	10/8/2008 12:57:53 PM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	p7100608	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	P7027316.D	beta-BHC #2	dipal	10/7/2008 7:43:42 AM	jung	10/8/2008 12:57:53 PM	Peak Integrated by Software incorrectly
PEM	P7027316.D	Endrin #2	dipal	10/7/2008 7:43:42 AM	jung	10/8/2008 12:57:53 PM	Peak Integrated by Software incorrectly
PEM	P7027316.D	gamma-BHC (Lindane)	dipal	10/7/2008 7:43:42 AM	jung	10/8/2008 12:57:53 PM	Peak Integrated by Software incorrectly
PEM	P7027316.D	gamma-BHC (Lindane) #2	dipal	10/7/2008 7:43:42 AM	jung	10/8/2008 12:57:53 PM	Peak Integrated by Software incorrectly
PEM	P7027316.D	Heptachlor #2	dipal	10/7/2008 7:43:42 AM	jung	10/8/2008 12:57:53 PM	Peak Integrated by Software incorrectly
PEM	P7027316.D	Tetrachloro-m-xylene #2	dipal	10/7/2008 7:43:42 AM	jung	10/8/2008 12:57:53 PM	Peak Integrated by Software incorrectly
PEM	P7027316.D	alpha-BHC	dipal	10/7/2008 7:43:42 AM	jung	10/8/2008 12:57:53 PM	Peak Integrated by Software incorrectly
PEM	P7027316.D	alpha-BHC #2	dipal	10/7/2008 7:43:42 AM	jung	10/8/2008 12:57:53 PM	Peak Integrated by Software incorrectly
STD 50	P7027317.D	gamma-BHC (Lindane) #2	dipal	10/7/2008 7:43:46 AM	luyin	10/7/2008 11:19:26 AM	Peak Integrated by Software incorrectly
STD 50	P7027317.D	gamma-BHC (Lindane)	dipal	10/7/2008 7:43:46 AM	luyin	10/7/2008 11:19:26 AM	Peak Integrated by Software incorrectly
Z4754-11	P7027318.D	Tetrachloro-m-xylene #2	dipal	10/7/2008 7:44:20 AM	jung	10/8/2008 12:58:11 PM	Peak Integrated by Software incorrectly
Z4754-11	P7027318.D	Decachlorobiphenyl	dipal	10/7/2008 7:44:20 AM	jung	10/8/2008 12:58:11 PM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	p7100608	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Z4754-11	P7027318.D	Decachlorobiphenyl #2	dipal	10/7/2008 7:44:20 AM	jung	10/8/2008 12:58:11 PM	Peak Integrated by Software incorrectly
Z4752-02 10X	P7027321.D	Tetrachloro-m-xylene #2	luyin	10/7/2008 11:17:03 AM	jung	10/8/2008 12:59:36 PM	Peak Integrated by Software incorrectly
Z4752-02 10X	P7027321.D	Decachlorobiphenyl #2	luyin	10/7/2008 11:17:03 AM	jung	10/8/2008 12:59:36 PM	Peak Integrated by Software incorrectly
Z4752-02 10X	P7027321.D	Decachlorobiphenyl	luyin	10/7/2008 11:17:03 AM	jung	10/8/2008 12:59:36 PM	Peak Integrated by Software incorrectly
Z4752-03 10X	P7027322.D	Decachlorobiphenyl #2	luyin	10/7/2008 11:17:15 AM	jung	10/8/2008 12:59:59 PM	Peak Integrated by Software incorrectly
Z4752-03 10X	P7027322.D	Tetrachloro-m-xylene #2	luyin	10/7/2008 11:17:15 AM	jung	10/8/2008 12:59:59 PM	Peak Integrated by Software incorrectly
Z4752-03 10X	P7027322.D	Tetrachloro-m-xylene	luyin	10/7/2008 11:17:15 AM	jung	10/8/2008 12:59:59 PM	Peak Integrated by Software incorrectly
Z4752-03 10X	P7027322.D	Decachlorobiphenyl	luyin	10/7/2008 11:17:15 AM	jung	10/8/2008 12:59:59 PM	Peak Integrated by Software incorrectly
Z4752-04 10X	P7027323.D	Decachlorobiphenyl	luyin	10/7/2008 11:17:25 AM	jung	10/8/2008 1:00:11 PM	Peak Integrated by Software incorrectly
Z4752-04 10X	P7027323.D	Decachlorobiphenyl #2	luyin	10/7/2008 11:17:25 AM	jung	10/8/2008 1:00:11 PM	Peak Integrated by Software incorrectly
Z4752-05 10X	P7027324.D	Decachlorobiphenyl #2	luyin	10/7/2008 11:17:38 AM	jung	10/8/2008 1:01:07 PM	Peak Integrated by Software incorrectly
Z4752-05 10X	P7027324.D	Tetrachloro-m-xylene	luyin	10/7/2008 11:17:38 AM	jung	10/8/2008 1:01:07 PM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	p7100608	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Z4752-05 10X	P7027324.D	Tetrachloro-m-xylene #2	luyin	10/7/2008 11:17:38 AM	jung	10/8/2008 1:01:07 PM	Peak Integrated by Software incorrectly
Z4752-05 10X	P7027324.D	Decachlorobiphenyl	luyin	10/7/2008 11:17:38 AM	jung	10/8/2008 1:01:07 PM	Peak Integrated by Software incorrectly
Z4752-06 10X	P7027325.D	Tetrachloro-m-xylene	luyin	10/7/2008 11:17:48 AM	jung	10/8/2008 1:01:35 PM	Peak Integrated by Software incorrectly
Z4752-06 10X	P7027325.D	Decachlorobiphenyl #2	luyin	10/7/2008 11:17:48 AM	jung	10/8/2008 1:01:35 PM	Peak Integrated by Software incorrectly
Z4752-07	P7027330.D	Decachlorobiphenyl	luyin	10/7/2008 11:17:58 AM	jung	10/8/2008 1:01:54 PM	Peak Integrated by Software incorrectly
Z4752-08	P7027331.D	Decachlorobiphenyl	luyin	10/7/2008 11:18:08 AM	jung	10/8/2008 1:02:07 PM	Peak Integrated by Software incorrectly
Z4752-09	P7027332.D	Decachlorobiphenyl	luyin	10/7/2008 11:18:18 AM	jung	10/8/2008 1:02:24 PM	Peak Integrated by Software incorrectly
Z4748-02	P7027333.D	Decachlorobiphenyl	luyin	10/7/2008 11:18:28 AM	jung	10/8/2008 1:02:40 PM	Peak Integrated by Software incorrectly
Z4748-02	P7027333.D	Decachlorobiphenyl #2	luyin	10/7/2008 11:18:28 AM	jung	10/8/2008 1:02:40 PM	Peak Integrated by Software incorrectly
Z4748-04 10X	P7027334.D	Decachlorobiphenyl	luyin	10/7/2008 11:18:38 AM	jung	10/8/2008 1:04:37 PM	Peak Integrated by Software incorrectly
Z4748-04 10X	P7027334.D	Decachlorobiphenyl #2	luyin	10/7/2008 11:18:38 AM	jung	10/8/2008 1:04:37 PM	Peak Integrated by Software incorrectly
Z4748-08 10X	P7027336.D	Decachlorobiphenyl #2	luyin	10/8/2008 12:45:46 PM	jung	10/8/2008 1:04:53 PM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	p7100608	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Z4748-08 10X	P7027336.D	Tetrachloro-m-xylene	luyin	10/8/2008 12:45:46 PM	jung	10/8/2008 1:04:53 PM	Peak Integrated by Software incorrectly
Z4748-08 10X	P7027336.D	Tetrachloro-m-xylene #2	luyin	10/8/2008 12:45:46 PM	jung	10/8/2008 1:04:53 PM	Peak Integrated by Software incorrectly
Z4748-08 10X	P7027336.D	Decachlorobiphenyl	luyin	10/8/2008 12:45:46 PM	jung	10/8/2008 1:04:53 PM	Peak Integrated by Software incorrectly
Z4748-10 10X	P7027337.D	Decachlorobiphenyl	luyin	10/8/2008 12:45:56 PM	jung	10/8/2008 1:05:09 PM	Peak Integrated by Software incorrectly
Z4748-10 10X	P7027337.D	Decachlorobiphenyl #2	luyin	10/8/2008 12:45:56 PM	jung	10/8/2008 1:05:09 PM	Peak Integrated by Software incorrectly
PEM	P7027258.D	Endrin aldehyde	luyin	10/6/2008 1:42:03 PM	jung	10/8/2008 12:30:33 PM	Peak Integrated by Software incorrectly
PEM	P7027258.D	Endrin aldehyde #2	luyin	10/6/2008 1:42:03 PM	jung	10/8/2008 12:30:33 PM	Peak Integrated by Software incorrectly
Z4772-13 50X	P7027261.D	gamma-BHC (Lindane) #2	luyin	10/6/2008 1:42:13 PM	jung	10/8/2008 12:30:46 PM	Peak Integrated by Software incorrectly
Z4772-13 50X	P7027261.D	gamma-BHC (Lindane)	luyin	10/6/2008 1:42:13 PM	jung	10/8/2008 12:30:46 PM	Peak Integrated by Software incorrectly
PEM	P7027275.D	Methoxychlor #2	Nidhi	10/7/2008 3:14:28 AM	luyin	10/7/2008 11:15:21 AM	Peak Integrated by Software incorrectly
PEM	P7027275.D	Endrin	Nidhi	10/7/2008 3:14:28 AM	luyin	10/7/2008 11:15:21 AM	Peak Integrated by Software incorrectly
PEM	P7027275.D	Endrin aldehyde	Nidhi	10/7/2008 3:14:28 AM	luyin	10/7/2008 11:15:21 AM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	p7100608	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	P7027275.D	Endrin aldehyde #2	Nidhi	10/7/2008 3:14:28 AM	luyin	10/7/2008 11:15:21 AM	Peak Integrated by Software incorrectly
PEM	P7027275.D	alpha-BHC	Nidhi	10/7/2008 3:14:28 AM	luyin	10/7/2008 11:15:21 AM	Peak Integrated by Software incorrectly
PEM	P7027275.D	alpha-BHC #2	Nidhi	10/7/2008 3:14:28 AM	luyin	10/7/2008 11:15:21 AM	Peak Integrated by Software incorrectly
PEM	P7027275.D	gamma-BHC (Lindane)	Nidhi	10/7/2008 3:14:28 AM	luyin	10/7/2008 11:15:21 AM	Peak Integrated by Software incorrectly
RESCHK	P7027276.D	Dieldrin	Nidhi	10/7/2008 3:14:30 AM	luyin	10/7/2008 11:15:34 AM	Peak Integrated by Software incorrectly
100PPB PEST	P7027277.D	Endrin ketone #2	paresh desai	10/7/2008 12:07:12 AM	luyin	10/7/2008 11:15:55 AM	Peak Integrated by Software incorrectly
100PPB PEST	P7027277.D	Methoxychlor	paresh desai	10/7/2008 12:07:12 AM	luyin	10/7/2008 11:15:55 AM	Peak Integrated by Software incorrectly
100PPB PEST	P7027277.D	Methoxychlor #2	paresh desai	10/7/2008 12:07:12 AM	luyin	10/7/2008 11:15:55 AM	Peak Integrated by Software incorrectly
100PPB PEST	P7027277.D	Endrin aldehyde #2	paresh desai	10/7/2008 12:07:12 AM	luyin	10/7/2008 11:15:55 AM	Peak Integrated by Software incorrectly
100PPB PEST	P7027277.D	Endosulfan Sulfate	paresh desai	10/7/2008 12:07:12 AM	luyin	10/7/2008 11:15:55 AM	Peak Integrated by Software incorrectly
100PPB PEST	P7027277.D	Endosulfan Sulfate #2	paresh desai	10/7/2008 12:07:12 AM	luyin	10/7/2008 11:15:55 AM	Peak Integrated by Software incorrectly
100PPB PEST	P7027277.D	Endrin #2	paresh desai	10/7/2008 12:07:12 AM	luyin	10/7/2008 11:15:55 AM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	p7100608	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
100PPB PEST	P7027277.D	Endosulfan II	paresh desai	10/7/2008 12:07:12 AM	luyin	10/7/2008 11:15:55 AM	Peak Integrated by Software incorrectly
100PPB PEST	P7027277.D	Endosulfan II #2	paresh desai	10/7/2008 12:07:12 AM	luyin	10/7/2008 11:15:55 AM	Peak Integrated by Software incorrectly
100PPB PEST	P7027277.D	Heptachlor epoxide	paresh desai	10/7/2008 12:07:12 AM	luyin	10/7/2008 11:15:55 AM	Peak Integrated by Software incorrectly
100PPB PEST	P7027277.D	Dieldrin	paresh desai	10/7/2008 12:07:12 AM	luyin	10/7/2008 11:15:55 AM	Peak Integrated by Software incorrectly
100PPB PEST	P7027277.D	Endrin	paresh desai	10/7/2008 12:07:12 AM	luyin	10/7/2008 11:15:55 AM	Peak Integrated by Software incorrectly
100PPB PEST	P7027277.D	gamma-BHC (Lindane) #2	paresh desai	10/7/2008 12:07:12 AM	luyin	10/7/2008 11:15:55 AM	Peak Integrated by Software incorrectly
100PPB PEST	P7027277.D	delta-BHC	paresh desai	10/7/2008 12:07:12 AM	luyin	10/7/2008 11:15:55 AM	Peak Integrated by Software incorrectly
100PPB PEST	P7027277.D	delta-BHC #2	paresh desai	10/7/2008 12:07:12 AM	luyin	10/7/2008 11:15:55 AM	Peak Integrated by Software incorrectly
100PPB PEST	P7027277.D	Tetrachloro-m-xylene	paresh desai	10/7/2008 12:07:12 AM	luyin	10/7/2008 11:15:55 AM	Peak Integrated by Software incorrectly
100PPB PEST	P7027277.D	Tetrachloro-m-xylene #2	paresh desai	10/7/2008 12:07:12 AM	luyin	10/7/2008 11:15:55 AM	Peak Integrated by Software incorrectly
100PPB PEST	P7027277.D	alpha-BHC #2	paresh desai	10/7/2008 12:07:12 AM	luyin	10/7/2008 11:15:55 AM	Peak Integrated by Software incorrectly
75PPB PEST	P7027278.D	Methoxychlor #2	paresh desai	10/7/2008 12:07:10 AM	luyin	10/7/2008 11:28:35 AM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	p7100608	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
75PPB PEST	P7027278.D	delta-BHC #2	paresh desai	10/7/2008 12:07:10 AM	luyin	10/7/2008 11:28:35 AM	Peak Integrated by Software incorrectly
75PPB PEST	P7027278.D	Tetrachloro-m-xylene	paresh desai	10/7/2008 12:07:10 AM	luyin	10/7/2008 11:28:35 AM	Peak Integrated by Software incorrectly
75PPB PEST	P7027278.D	Tetrachloro-m-xylene #2	paresh desai	10/7/2008 12:07:10 AM	luyin	10/7/2008 11:28:35 AM	Peak Integrated by Software incorrectly
75PPB PEST	P7027278.D	alpha-BHC #2	paresh desai	10/7/2008 12:07:10 AM	luyin	10/7/2008 11:28:35 AM	Peak Integrated by Software incorrectly
50PPB PEST	P7027279.D	Endrin aldehyde #2	paresh desai	10/7/2008 12:07:08 AM	luyin	10/7/2008 11:28:55 AM	Peak Integrated by Software incorrectly
50PPB PEST	P7027279.D	Methoxychlor #2	paresh desai	10/7/2008 12:07:08 AM	luyin	10/7/2008 11:28:55 AM	Peak Integrated by Software incorrectly
50PPB PEST	P7027279.D	Endrin ketone #2	paresh desai	10/7/2008 12:07:08 AM	luyin	10/7/2008 11:28:55 AM	Peak Integrated by Software incorrectly
50PPB PEST	P7027279.D	Endrin #2	paresh desai	10/7/2008 12:07:08 AM	luyin	10/7/2008 11:28:55 AM	Peak Integrated by Software incorrectly
50PPB PEST	P7027279.D	Endosulfan II	paresh desai	10/7/2008 12:07:08 AM	luyin	10/7/2008 11:28:55 AM	Peak Integrated by Software incorrectly
50PPB PEST	P7027279.D	Endosulfan II #2	paresh desai	10/7/2008 12:07:08 AM	luyin	10/7/2008 11:28:55 AM	Peak Integrated by Software incorrectly
50PPB PEST	P7027279.D	Heptachlor epoxide	paresh desai	10/7/2008 12:07:08 AM	luyin	10/7/2008 11:28:55 AM	Peak Integrated by Software incorrectly
50PPB PEST	P7027279.D	Dieldrin	paresh desai	10/7/2008 12:07:08 AM	luyin	10/7/2008 11:28:55 AM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	p7100608	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
50PPB PEST	P7027279.D	Endrin	paresh desai	10/7/2008 12:07:08 AM	luyin	10/7/2008 11:28:55 AM	Peak Integrated by Software incorrectly
50PPB PEST	P7027279.D	gamma-BHC (Lindane) #2	paresh desai	10/7/2008 12:07:08 AM	luyin	10/7/2008 11:28:55 AM	Peak Integrated by Software incorrectly
50PPB PEST	P7027279.D	delta-BHC	paresh desai	10/7/2008 12:07:08 AM	luyin	10/7/2008 11:28:55 AM	Peak Integrated by Software incorrectly
50PPB PEST	P7027279.D	delta-BHC #2	paresh desai	10/7/2008 12:07:08 AM	luyin	10/7/2008 11:28:55 AM	Peak Integrated by Software incorrectly
50PPB PEST	P7027279.D	Tetrachloro-m-xylene	paresh desai	10/7/2008 12:07:08 AM	luyin	10/7/2008 11:28:55 AM	Peak Integrated by Software incorrectly
50PPB PEST	P7027279.D	Tetrachloro-m-xylene #2	paresh desai	10/7/2008 12:07:08 AM	luyin	10/7/2008 11:28:55 AM	Peak Integrated by Software incorrectly
50PPB PEST	P7027279.D	alpha-BHC #2	paresh desai	10/7/2008 12:07:08 AM	luyin	10/7/2008 11:28:55 AM	Peak Integrated by Software incorrectly
25PPB PEST	P7027280.D	Methoxychlor #2	paresh desai	10/7/2008 12:07:06 AM	luyin	10/7/2008 11:29:15 AM	Peak Integrated by Software incorrectly
25PPB PEST	P7027280.D	Endosulfan Sulfate	paresh desai	10/7/2008 12:07:06 AM	luyin	10/7/2008 11:29:15 AM	Peak Integrated by Software incorrectly
25PPB PEST	P7027280.D	Endosulfan Sulfate #2	paresh desai	10/7/2008 12:07:06 AM	luyin	10/7/2008 11:29:15 AM	Peak Integrated by Software incorrectly
25PPB PEST	P7027280.D	Methoxychlor	paresh desai	10/7/2008 12:07:06 AM	luyin	10/7/2008 11:29:15 AM	Peak Integrated by Software incorrectly
25PPB PEST	P7027280.D	Heptachlor epoxide	paresh desai	10/7/2008 12:07:06 AM	luyin	10/7/2008 11:29:15 AM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	p7100608	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
25PPB PEST	P7027280.D	Endrin #2	paresh desai	10/7/2008 12:07:06 AM	luyin	10/7/2008 11:29:15 AM	Peak Integrated by Software incorrectly
25PPB PEST	P7027280.D	Endosulfan II #2	paresh desai	10/7/2008 12:07:06 AM	luyin	10/7/2008 11:29:15 AM	Peak Integrated by Software incorrectly
25PPB PEST	P7027280.D	gamma-BHC (Lindane) #2	paresh desai	10/7/2008 12:07:06 AM	luyin	10/7/2008 11:29:15 AM	Peak Integrated by Software incorrectly
25PPB PEST	P7027280.D	beta-BHC #2	paresh desai	10/7/2008 12:07:06 AM	luyin	10/7/2008 11:29:15 AM	Peak Integrated by Software incorrectly
25PPB PEST	P7027280.D	delta-BHC #2	paresh desai	10/7/2008 12:07:06 AM	luyin	10/7/2008 11:29:15 AM	Peak Integrated by Software incorrectly
25PPB PEST	P7027280.D	Tetrachloro-m-xylene	paresh desai	10/7/2008 12:07:06 AM	luyin	10/7/2008 11:29:15 AM	Peak Integrated by Software incorrectly
25PPB PEST	P7027280.D	Tetrachloro-m-xylene #2	paresh desai	10/7/2008 12:07:06 AM	luyin	10/7/2008 11:29:15 AM	Peak Integrated by Software incorrectly
25PPB PEST	P7027280.D	alpha-BHC #2	paresh desai	10/7/2008 12:07:06 AM	luyin	10/7/2008 11:29:15 AM	Peak Integrated by Software incorrectly
5PPB PEST	P7027281.D	Endrin ketone #2	paresh desai	10/7/2008 12:07:01 AM	luyin	10/7/2008 11:29:35 AM	Peak Integrated by Software incorrectly
5PPB PEST	P7027281.D	Endosulfan II	paresh desai	10/7/2008 12:07:01 AM	luyin	10/7/2008 11:29:35 AM	Peak Integrated by Software incorrectly
5PPB PEST	P7027281.D	Methoxychlor	paresh desai	10/7/2008 12:07:01 AM	luyin	10/7/2008 11:29:35 AM	Peak Integrated by Software incorrectly
5PPB PEST	P7027281.D	Methoxychlor #2	paresh desai	10/7/2008 12:07:01 AM	luyin	10/7/2008 11:29:35 AM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	p7100608	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
5PPB PEST	P7027281.D	Dieldrin	paresh desai	10/7/2008 12:07:01 AM	luyin	10/7/2008 11:29:35 AM	Peak Integrated by Software incorrectly
5PPB PEST	P7027281.D	Dieldrin #2	paresh desai	10/7/2008 12:07:01 AM	luyin	10/7/2008 11:29:35 AM	Peak Integrated by Software incorrectly
5PPB PEST	P7027281.D	Endrin #2	paresh desai	10/7/2008 12:07:01 AM	luyin	10/7/2008 11:29:35 AM	Peak Integrated by Software incorrectly
5PPB PEST	P7027281.D	Heptachlor epoxide	paresh desai	10/7/2008 12:07:01 AM	luyin	10/7/2008 11:29:35 AM	Peak Integrated by Software incorrectly
5PPB PEST	P7027281.D	gamma-Chlordane	paresh desai	10/7/2008 12:07:01 AM	luyin	10/7/2008 11:29:35 AM	Peak Integrated by Software incorrectly
5PPB PEST	P7027281.D	gamma-Chlordane #2	paresh desai	10/7/2008 12:07:01 AM	luyin	10/7/2008 11:29:35 AM	Peak Integrated by Software incorrectly
5PPB PEST	P7027281.D	gamma-BHC (Lindane)	paresh desai	10/7/2008 12:07:01 AM	luyin	10/7/2008 11:29:35 AM	Peak Integrated by Software incorrectly
5PPB PEST	P7027281.D	gamma-BHC (Lindane) #2	paresh desai	10/7/2008 12:07:01 AM	luyin	10/7/2008 11:29:35 AM	Peak Integrated by Software incorrectly
5PPB PEST	P7027281.D	beta-BHC #2	paresh desai	10/7/2008 12:07:01 AM	luyin	10/7/2008 11:29:35 AM	Peak Integrated by Software incorrectly
5PPB PEST	P7027281.D	Tetrachloro-m-xylene	paresh desai	10/7/2008 12:07:01 AM	luyin	10/7/2008 11:29:35 AM	Peak Integrated by Software incorrectly
5PPB PEST	P7027281.D	Tetrachloro-m-xylene #2	paresh desai	10/7/2008 12:07:01 AM	luyin	10/7/2008 11:29:35 AM	Peak Integrated by Software incorrectly
5PPB PEST	P7027281.D	alpha-BHC #2	paresh desai	10/7/2008 12:07:01 AM	luyin	10/7/2008 11:29:35 AM	Peak Integrated by Software incorrectly

CHEMTECH

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	jung	Review On	10/8/2008 12:00:00 AM
Tune/Reschk	GCS 1424 (RESCHK)	Initial Calibration Stds	GCP7693-7697
CCC	GCP7695	SubDirectory	p7100608
Internal Standard/PEM	GCS1491 (PEM)	HP Acquire Method	CLPNEWMOON.M
ICV/I.BLK	GCP7735	HP Processing Method	P7100608

Sr#	SampleId/DILF	Data File Name	Date-Time	Operator	Status
1	HEXANE	P7027256.D	06 Oct 2008 9:34	LH	Ok
2	I.BLK	P7027257.D	06 Oct 2008 9:49	LH	Ok
3	PEM	P7027258.D	06 Oct 2008 10:03	LH	Ok,M
4	STD 100	P7027259.D	06 Oct 2008 10:17	LH	Not Ok
5	STD 100	P7027260.D	06 Oct 2008 11:09	LH	Ok
6	Z4772-13 50X	P7027261.D	06 Oct 2008 12:07	LH	Ok,M
7	I.BLK	P7027262.D	06 Oct 2008 12:29	LH	Ok
8	STD 100	P7027263.D	06 Oct 2008 12:43	LH	Ok
9	HEXANE	P7027264.D	06 Oct 2008 14:45	LH	Ok
10	I.BLK	P7027265.D	06 Oct 2008 14:59	LH	Ok
11	PEM	P7027266.D	06 Oct 2008 15:13	LH	Not Ok
12	STD 100	P7027267.D	06 Oct 2008 15:28	LH	Not Ok
13	STD 50	P7027268.D	06 Oct 2008 15:46	LH	Not Ok
14	I.BLK	P7027269.D	06 Oct 2008 17:11	LH	Not Ok
15	HEXANE	P7027270.D	06 Oct 2008 17:25	LH	Ok
16	HEXANE	P7027271.D	06 Oct 2008 18:54	LH	Ok
17	HEXANE	P7027272.D	06 Oct 2008 19:08	LH	Ok
18	HEXANE	P7027273.D	06 Oct 2008 19:23	LH	Ok
19	I.BLK	P7027274.D	06 Oct 2008 19:37	LH	Ok
20	PEM	P7027275.D	06 Oct 2008 19:51	LH	Ok,M
21	RESCHK	P7027276.D	06 Oct 2008 20:06	LH	Ok,M

CHEMTECH

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	jung	Review On	10/8/2008 12:00:00 AM
Tune/Reschk	GCS 1424 (RESCHK)	Initial Calibration Stds	GCP7693-7697
CCC	GCP7695	SubDirectory	p7100608
Internal Standard/PEM	GCS1491 (PEM)	HP Acquire Method	CLPNEWMOON.M
ICV/I.BLK	GCP7735	HP Processing Method	P7100608

Sr#	SampleId/DILF	Data File Name	Date-Time	Operator	Status
22	100PPB PEST	P7027277.D	06 Oct 2008 20:20	LH	Ok,M
23	75PPB PEST	P7027278.D	06 Oct 2008 20:34	LH	Ok,M
24	50PPB PEST	P7027279.D	06 Oct 2008 20:49	LH	Ok,M
25	25PPB PEST	P7027280.D	06 Oct 2008 21:03	LH	Ok,M
26	5PPB PEST	P7027281.D	06 Oct 2008 21:17	LH	Ok,M
27	10PPB PEST	P7027282.D	06 Oct 2008 21:31	LH	Not Ok
28	TOX 500	P7027283.D	06 Oct 2008 21:45	LH	Ok
29	CHLOR 500	P7027284.D	06 Oct 2008 21:59	LH	Ok
30	STD 50 ICV	P7027285.D	06 Oct 2008 22:15	LH	Ok,M
31	TOX 500 ICV	P7027286.D	06 Oct 2008 22:29	LH	Ok,M
32	CHLOR 500 ICV	P7027287.D	06 Oct 2008 22:43	LH	Ok
33	HEXANE	P7027288.D	06 Oct 2008 22:57	LH	Ok
34	HEXANE	P7027289.D	06 Oct 2008 23:11	LH	Ok
35	I.BLK	P7027290.D	06 Oct 2008 23:25	LH	Ok
36	PEM	P7027291.D	06 Oct 2008 23:39	LH	Ok,M
37	STD 50	P7027292.D	06 Oct 2008 23:53	LH	Ok
38	PB36922BL	P7027293.D	07 Oct 2008 00:07	LH	Ok,M
39	PB36922BS	P7027294.D	07 Oct 2008 00:22	LH	Ok
40	PB36928BL	P7027295.D	07 Oct 2008 00:36	LH	Ok,M
41	PB36928BS	P7027296.D	07 Oct 2008 00:50	LH	Ok,M

CHEMTECH

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	jung	Review On	10/8/2008 12:00:00 AM
Tune/Reschk	GCS 1424 (RESCHK)	Initial Calibration Stds	GCP7693-7697
CCC	GCP7695	SubDirectory	p7100608
Internal Standard/PEM	GCS1491 (PEM)	HP Acquire Method	CLPNEWMOON.M
ICV/I.BLK	GCP7735	HP Processing Method	P7100608

Sr#	SampleId/DILF	Data File Name	Date-Time	Operator	Status
42	PB36928TB	P7027297.D	07 Oct 2008 1:05	LH	Ok
43	Z4754-01	P7027298.D	07 Oct 2008 1:19	LH	Ok,M
44	Z4754-02	P7027299.D	07 Oct 2008 1:33	LH	Ok,M
45	Z4752-01 10X	P7027300.D	07 Oct 2008 1:48	LH	Ok,M
46	HEXANE	P7027301.D	07 Oct 2008 2:02	LH	Ok
47	HEXANE	P7027302.D	07 Oct 2008 2:16	LH	Ok
48	I.BLK	P7027303.D	07 Oct 2008 2:30	LH	Ok,M
49	STD 50	P7027304.D	07 Oct 2008 2:45	LH	Ok,M
50	Z4754-03	P7027305.D	07 Oct 2008 3:00	LH	Ok,M
51	Z4754-04	P7027306.D	07 Oct 2008 3:14	LH	Ok,M
52	Z4754-05	P7027307.D	07 Oct 2008 3:29	LH	Ok,M
53	Z4754-06	P7027308.D	07 Oct 2008 3:43	LH	Ok,M
54	Z4754-07	P7027309.D	07 Oct 2008 3:58	LH	Ok,M
55	Z4754-08	P7027310.D	07 Oct 2008 4:12	LH	Ok,M
56	Z4754-09	P7027311.D	07 Oct 2008 4:27	LH	Ok,M
57	Z4754-10	P7027312.D	07 Oct 2008 4:42	LH	Ok,M
58	HEXANE	P7027313.D	07 Oct 2008 4:56	LH	Ok
59	HEXANE	P7027314.D	07 Oct 2008 5:12	LH	Ok
60	I.BLK	P7027315.D	07 Oct 2008 5:27	LH	Ok,M
61	PEM	P7027316.D	07 Oct 2008 5:42	LH	Ok,M

CHEMTECH

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	jung	Review On	10/8/2008 12:00:00 AM
Tune/Reschk	GCS 1424 (RESCHK)	Initial Calibration Stds	GCP7693-7697
CCC	GCP7695	SubDirectory	p7100608
Internal Standard/PEM	GCS1491 (PEM)	HP Acquire Method	CLPNEWMOON.M
ICV/I.BLK	GCP7735	HP Processing Method	P7100608

Sr#	SampleId/DILF	Data File Name	Date-Time	Operator	Status
62	STD 50	P7027317.D	07 Oct 2008 5:57	LH	Ok,M
63	Z4754-11	P7027318.D	07 Oct 2008 6:11	LH	Ok,M
64	Z4754-12	P7027319.D	07 Oct 2008 6:26	LH	Ok
65	Z4756-01	P7027320.D	07 Oct 2008 6:40	LH	Ok
66	Z4752-02 10X	P7027321.D	07 Oct 2008 6:55	LH	Ok,M
67	Z4752-03 10X	P7027322.D	07 Oct 2008 7:09	LH	Ok,M
68	Z4752-04 10X	P7027323.D	07 Oct 2008 7:24	LH	Ok,M
69	Z4752-05 10X	P7027324.D	07 Oct 2008 7:38	LH	Ok,M
70	Z4752-06 10X	P7027325.D	07 Oct 2008 7:53	LH	Ok,M
71	HEXANE	P7027326.D	07 Oct 2008 8:07	LH	Ok
72	HEXANE	P7027327.D	07 Oct 2008 8:23	LH	Ok
73	I.BLK	P7027328.D	07 Oct 2008 8:37	LH	Ok
74	STD 50	P7027329.D	07 Oct 2008 8:52	LH	Ok
75	Z4752-07	P7027330.D	07 Oct 2008 9:07	LH	Ok,M
76	Z4752-08	P7027331.D	07 Oct 2008 9:21	LH	Ok,M
77	Z4752-09	P7027332.D	07 Oct 2008 9:36	LH	Ok,M
78	Z4748-02	P7027333.D	07 Oct 2008 9:51	LH	ReRun
79	Z4748-04 10X	P7027334.D	07 Oct 2008 10:06	LH	Ok,M
80	Z4748-06 10X	P7027335.D	07 Oct 2008 10:20	LH	Ok
81	Z4748-08 10X	P7027336.D	07 Oct 2008 10:34	LH	ReRun

CHEMTECH

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	jung	Review On	10/8/2008 12:00:00 AM
Tune/Reschk	GCS 1424 (RESCHK)	Initial Calibration Stds	GCP7693-7697
CCC	GCP7695	SubDirectory	p7100608
Internal Standard/PEM	GCS1491 (PEM)	HP Acquire Method	CLPNEWMOON.M
ICV/I.BLK	GCP7735	HP Processing Method	P7100608

Sr#	SampleId/DILF	Data File Name	Date-Time	Operator	Status
82	Z4748-10 10X	P7027337.D	07 Oct 2008 10:49	LH	ReRun
83	HEXANE	P7027338.D	07 Oct 2008 11:03	LH	Ok
84	HEXANE	P7027339.D	07 Oct 2008 11:18	LH	Ok
85	I.BLK	P7027340.D	07 Oct 2008 11:34	LH	Ok
86	STD 50	P7027341.D	07 Oct 2008 11:48	LH	Ok
87	HEXANE	P7027342.D	07 Oct 2008 12:02	LH	Ok

CHEMTECH

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	jung	Review On	10/8/2008 12:00:00 AM
Tune/Reschk	GCS 1424 (RESCHK)	Initial Calibration Stds	GCP7693-7697
CCC	GCP7695	SubDirectory	p7100608
Internal Standard/PEM	GCS1491 (PEM)	HP Acquire Method	CLPNEWMOON.M
ICV/I.BLK	GCP7735	HP Processing Method	P7100608

Sr#	SampleId/DILF	Data File Name	Comment	Status
1	HEXANE	P7027256.D		Ok
2	I.BLK	P7027257.D		Ok
3	PEM	P7027258.D		Ok,M
4	STD 100	P7027259.D		Not Ok
5	STD 100	P7027260.D	Compounds #7 and 16 high in both col, #17 low in 1st col, #2 high in 2nd col.	Ok
6	Z4772-13 50X	P7027261.D	No mi needed.	Ok,M
7	I.BLK	P7027262.D		Ok
8	STD 100	P7027263.D	Delta-BHC & DDD high in both col.	Ok
9	HEXANE	P7027264.D		Ok
10	I.BLK	P7027265.D	GCP7735 10X	Ok
11	PEM	P7027266.D	Not used	Not Ok
12	STD 100	P7027267.D	Not used	Not Ok
13	STD 50	P7027268.D	Not used	Not Ok
14	I.BLK	P7027269.D	Not used	Not Ok
15	HEXANE	P7027270.D		Ok
16	HEXANE	P7027271.D		Ok
17	HEXANE	P7027272.D		Ok
18	HEXANE	P7027273.D		Ok
19	I.BLK	P7027274.D		Ok
20	PEM	P7027275.D		Ok,M
21	RESCHK	P7027276.D		Ok,M

CHEMTECH

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	jung	Review On	10/8/2008 12:00:00 AM
Tune/Reschk	GCS 1424 (RESCHK)	Initial Calibration Stds	GCP7693-7697
CCC	GCP7695	SubDirectory	p7100608
Internal Standard/PEM	GCS1491 (PEM)	HP Acquire Method	CLPNEWMOON.M
ICV/I.BLK	GCP7735	HP Processing Method	P7100608

Sr#	SampleId/DILF	Data File Name	Comment	Status
22	100PPB PEST	P7027277.D		Ok,M
23	75PPB PEST	P7027278.D		Ok,M
24	50PPB PEST	P7027279.D		Ok,M
25	25PPB PEST	P7027280.D		Ok,M
26	5PPB PEST	P7027281.D		Ok,M
27	10PPB PEST	P7027282.D	Not required	Not Ok
28	TOX 500	P7027283.D		Ok
29	CHLOR 500	P7027284.D		Ok
30	STD 50 ICV	P7027285.D		Ok,M
31	TOX 500 ICV	P7027286.D		Ok,M
32	CHLOR 500 ICV	P7027287.D		Ok
33	HEXANE	P7027288.D		Ok
34	HEXANE	P7027289.D		Ok
35	I.BLK	P7027290.D		Ok
36	PEM	P7027291.D		Ok,M
37	STD 50	P7027292.D		Ok
38	PB36922BL	P7027293.D		Ok,M
39	PB36922BS	P7027294.D		Ok
40	PB36928BL	P7027295.D		Ok,M
41	PB36928BS	P7027296.D		Ok,M

CHEMTECH

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	jung	Review On	10/8/2008 12:00:00 AM
Tune/Reschk	GCS 1424 (RESCHK)	Initial Calibration Stds	GCP7693-7697
CCC	GCP7695	SubDirectory	p7100608
Internal Standard/PEM	GCS1491 (PEM)	HP Acquire Method	CLPNEWMOON.M
ICV/I.BLK	GCP7735	HP Processing Method	P7100608

Sr#	SampleId/DILF	Data File Name	Comment	Status
42	PB36928TB	P7027297.D		Ok
43	Z4754-01	P7027298.D		Ok,M
44	Z4754-02	P7027299.D		Ok,M
45	Z4752-01 10X	P7027300.D		Ok,M
46	HEXANE	P7027301.D		Ok
47	HEXANE	P7027302.D		Ok
48	I.BLK	P7027303.D		Ok,M
49	STD 50	P7027304.D		Ok,M
50	Z4754-03	P7027305.D		Ok,M
51	Z4754-04	P7027306.D		Ok,M
52	Z4754-05	P7027307.D		Ok,M
53	Z4754-06	P7027308.D		Ok,M
54	Z4754-07	P7027309.D		Ok,M
55	Z4754-08	P7027310.D		Ok,M
56	Z4754-09	P7027311.D		Ok,M
57	Z4754-10	P7027312.D		Ok,M
58	HEXANE	P7027313.D		Ok
59	HEXANE	P7027314.D		Ok
60	I.BLK	P7027315.D		Ok,M
61	PEM	P7027316.D		Ok,M

CHEMTECH

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	jung	Review On	10/8/2008 12:00:00 AM
Tune/Reschk	GCS 1424 (RESCHK)	Initial Calibration Stds	GCP7693-7697
CCC	GCP7695	SubDirectory	p7100608
Internal Standard/PEM	GCS1491 (PEM)	HP Acquire Method	CLPNEWMOON.M
ICV/I.BLK	GCP7735	HP Processing Method	P7100608

Sr#	SampleId/DILF	Data File Name	Comment	Status
62	STD 50	P7027317.D	Compound#21 high in second column.	Ok,M
63	Z4754-11	P7027318.D		Ok,M
64	Z4754-12	P7027319.D		Ok
65	Z4756-01	P7027320.D		Ok
66	Z4752-02 10X	P7027321.D		Ok,M
67	Z4752-03 10X	P7027322.D		Ok,M
68	Z4752-04 10X	P7027323.D		Ok,M
69	Z4752-05 10X	P7027324.D		Ok,M
70	Z4752-06 10X	P7027325.D		Ok,M
71	HEXANE	P7027326.D		Ok
72	HEXANE	P7027327.D		Ok
73	I.BLK	P7027328.D		Ok
74	STD 50	P7027329.D		Ok
75	Z4752-07	P7027330.D		Ok,M
76	Z4752-08	P7027331.D		Ok,M
77	Z4752-09	P7027332.D		Ok,M
78	Z4748-02	P7027333.D	DCB low, need confirmation run.	ReRun
79	Z4748-04 10X	P7027334.D		Ok,M
80	Z4748-06 10X	P7027335.D		Ok
81	Z4748-08 10X	P7027336.D	DCB low, need confirmation run.	ReRun

CHEMTECH

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	jung	Review On	10/8/2008 12:00:00 AM
Tune/Reschk	GCS 1424 (RESCHK)	Initial Calibration Stds	GCP7693-7697
CCC	GCP7695	SubDirectory	p7100608
Internal Standard/PEM	GCS1491 (PEM)	HP Acquire Method	CLPNEWMOON.M
ICV/I.BLK	GCP7735	HP Processing Method	P7100608

Sr#	SampleId/DILF	Data File Name	Comment	Status
82	Z4748-10 10X	P7027337.D	DCB low, need confirmation run.	ReRun
83	HEXANE	P7027338.D		Ok
84	HEXANE	P7027339.D		Ok
85	I.BLK	P7027340.D		Ok
86	STD 50	P7027341.D	DDT and Endrin ketone high in 2nd col.	Ok
87	HEXANE	P7027342.D		Ok

CHEMTECH

Manual Integration Report

Sequence	P7102008	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	P7028159.D	Tetrachloro-m-xylene #2	dipal	10/21/2008 7:46:14 AM	luyin	10/21/2008 12:17:24 PM	Peak Integrated by Software incorrectly
I.BLK	P7028159.D	Tetrachloro-m-xylene	dipal	10/21/2008 7:46:14 AM	luyin	10/21/2008 12:17:24 PM	Peak Integrated by Software incorrectly
STD 100	P7028160.D	Endrin ketone #2	dipal	10/21/2008 7:49:15 AM	luyin	10/21/2008 12:17:43 PM	Peak Integrated by Software incorrectly
STD 100	P7028160.D	Methoxychlor #2	dipal	10/21/2008 7:49:15 AM	luyin	10/21/2008 12:17:43 PM	Peak Integrated by Software incorrectly
STD 100	P7028160.D	Methoxychlor	dipal	10/21/2008 7:49:15 AM	luyin	10/21/2008 12:17:43 PM	Peak Integrated by Software incorrectly
STD 100	P7028160.D	Endrin ketone	dipal	10/21/2008 7:49:15 AM	luyin	10/21/2008 12:17:43 PM	Peak Integrated by Software incorrectly
STD 100	P7028160.D	Endrin #2	dipal	10/21/2008 7:49:15 AM	luyin	10/21/2008 12:17:43 PM	Peak Integrated by Software incorrectly
STD 100	P7028160.D	Endosulfan Sulfate	dipal	10/21/2008 7:49:15 AM	luyin	10/21/2008 12:17:43 PM	Peak Integrated by Software incorrectly
STD 100	P7028160.D	Endosulfan Sulfate #2	dipal	10/21/2008 7:49:15 AM	luyin	10/21/2008 12:17:43 PM	Peak Integrated by Software incorrectly
STD 100	P7028160.D	Heptachlor epoxide	dipal	10/21/2008 7:49:15 AM	luyin	10/21/2008 12:17:43 PM	Peak Integrated by Software incorrectly
STD 100	P7028160.D	Heptachlor epoxide #2	dipal	10/21/2008 7:49:15 AM	luyin	10/21/2008 12:17:43 PM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P7102008	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
STD 100	P7028160.D	Endrin	dipal	10/21/2008 7:49:15 AM	luyin	10/21/2008 12:17:43 PM	Peak Integrated by Software incorrectly
STD 100	P7028160.D	alpha-BHC	dipal	10/21/2008 7:49:15 AM	luyin	10/21/2008 12:17:43 PM	Peak Integrated by Software incorrectly
STD 100	P7028160.D	Heptachlor	dipal	10/21/2008 7:49:15 AM	luyin	10/21/2008 12:17:43 PM	Peak Integrated by Software incorrectly
STD 100	P7028160.D	Heptachlor #2	dipal	10/21/2008 7:49:15 AM	luyin	10/21/2008 12:17:43 PM	Peak Integrated by Software incorrectly
STD 100	P7028160.D	Tetrachloro-m-xylene	dipal	10/21/2008 7:49:15 AM	luyin	10/21/2008 12:17:43 PM	Peak Integrated by Software incorrectly
STD 100	P7028160.D	Tetrachloro-m-xylene #2	dipal	10/21/2008 7:49:15 AM	luyin	10/21/2008 12:17:43 PM	Peak Integrated by Software incorrectly
STD 100	P7028160.D	alpha-BHC #2	dipal	10/21/2008 7:49:15 AM	luyin	10/21/2008 12:17:43 PM	Peak Integrated by Software incorrectly
Z5018-01	P7028161.D	Tetrachloro-m-xylene #2	dipal	10/21/2008 7:49:01 AM	luyin	10/21/2008 12:17:55 PM	Peak Integrated by Software incorrectly
Z5006-02MS	P7028162.D	Endrin ketone #2	dipal	10/21/2008 7:49:05 AM	luyin	10/21/2008 12:18:12 PM	Peak Integrated by Software incorrectly
Z5006-02MS	P7028162.D	Methoxychlor	dipal	10/21/2008 7:49:05 AM	luyin	10/21/2008 12:18:12 PM	Peak Integrated by Software incorrectly
Z5006-02MS	P7028162.D	Methoxychlor #2	dipal	10/21/2008 7:49:05 AM	luyin	10/21/2008 12:18:12 PM	Peak Integrated by Software incorrectly
Z5006-02MS	P7028162.D	Endrin ketone	dipal	10/21/2008 7:49:05 AM	luyin	10/21/2008 12:18:12 PM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P7102008	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Z5006-02MS	P7028162.D	Endosulfan II #2	dipal	10/21/2008 7:49:05 AM	luyin	10/21/2008 12:18:12 PM	Peak Integrated by Software incorrectly
Z5006-02MS	P7028162.D	Endosulfan Sulfate #2	dipal	10/21/2008 7:49:05 AM	luyin	10/21/2008 12:18:12 PM	Peak Integrated by Software incorrectly
Z5006-02MS	P7028162.D	Endosulfan Sulfate	dipal	10/21/2008 7:49:05 AM	luyin	10/21/2008 12:18:12 PM	Peak Integrated by Software incorrectly
Z5006-02MS	P7028162.D	Endrin	dipal	10/21/2008 7:49:05 AM	luyin	10/21/2008 12:18:12 PM	Peak Integrated by Software incorrectly
Z5006-02MS	P7028162.D	Endrin #2	dipal	10/21/2008 7:49:05 AM	luyin	10/21/2008 12:18:12 PM	Peak Integrated by Software incorrectly
Z5006-02MS	P7028162.D	Endosulfan II	dipal	10/21/2008 7:49:05 AM	luyin	10/21/2008 12:18:12 PM	Peak Integrated by Software incorrectly
Z5006-02MS	P7028162.D	Heptachlor #2	dipal	10/21/2008 7:49:05 AM	luyin	10/21/2008 12:18:12 PM	Peak Integrated by Software incorrectly
Z5006-02MS	P7028162.D	delta-BHC	dipal	10/21/2008 7:49:05 AM	luyin	10/21/2008 12:18:12 PM	Peak Integrated by Software incorrectly
Z5006-02MS	P7028162.D	delta-BHC #2	dipal	10/21/2008 7:49:05 AM	luyin	10/21/2008 12:18:12 PM	Peak Integrated by Software incorrectly
Z5006-02MS	P7028162.D	Tetrachloro-m-xylene	dipal	10/21/2008 7:49:05 AM	luyin	10/21/2008 12:18:12 PM	Peak Integrated by Software incorrectly
Z5006-02MS	P7028162.D	Tetrachloro-m-xylene #2	dipal	10/21/2008 7:49:05 AM	luyin	10/21/2008 12:18:12 PM	Peak Integrated by Software incorrectly
Z5006-02MS	P7028162.D	Heptachlor	dipal	10/21/2008 7:49:05 AM	luyin	10/21/2008 12:18:12 PM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P7102008	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Z5006-02MSD	P7028163.D	delta-BHC #2	dipal	10/21/2008 7:45:43 AM	luyin	10/21/2008 12:19:05 PM	Peak Integrated by Software incorrectly
Z5006-02MSD	P7028163.D	Tetrachloro-m-xylene #2	dipal	10/21/2008 7:45:43 AM	luyin	10/21/2008 12:19:05 PM	Peak Integrated by Software incorrectly
Z5006-02MSD	P7028163.D	gamma-BHC (Lindane)	dipal	10/21/2008 7:45:43 AM	luyin	10/21/2008 12:19:05 PM	Peak Integrated by Software incorrectly
Z5006-02MSD	P7028163.D	Heptachlor	dipal	10/21/2008 7:45:43 AM	luyin	10/21/2008 12:19:05 PM	Peak Integrated by Software incorrectly
Z5002-02	P7028164.D	Tetrachloro-m-xylene #2	dipal	10/21/2008 7:46:17 AM	luyin	10/21/2008 12:19:15 PM	Peak Integrated by Software incorrectly
Z5002-04 10X	P7028165.D	Tetrachloro-m-xylene #2	dipal	10/21/2008 7:45:15 AM	luyin	10/21/2008 12:19:24 PM	Peak Integrated by Software incorrectly
Z5002-04 10X	P7028165.D	Decachlorobiphenyl	dipal	10/21/2008 7:45:15 AM	luyin	10/21/2008 12:19:24 PM	Peak Integrated by Software incorrectly
Z5002-04 10X	P7028165.D	Decachlorobiphenyl #2	dipal	10/21/2008 7:45:15 AM	luyin	10/21/2008 12:19:24 PM	Peak Integrated by Software incorrectly
Z5002-04 10X	P7028165.D	Tetrachloro-m-xylene	dipal	10/21/2008 7:45:15 AM	luyin	10/21/2008 12:19:24 PM	Peak Integrated by Software incorrectly
Z5002-05	P7028166.D	Tetrachloro-m-xylene	dipal	10/21/2008 7:45:09 AM	luyin	10/21/2008 12:19:35 PM	Peak Integrated by Software incorrectly
Z5002-05	P7028166.D	Tetrachloro-m-xylene #2	dipal	10/21/2008 7:45:09 AM	luyin	10/21/2008 12:19:35 PM	Peak Integrated by Software incorrectly
Z5002-05	P7028166.D	Decachlorobiphenyl #2	dipal	10/21/2008 7:45:09 AM	luyin	10/21/2008 12:19:35 PM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P7102008	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Z5006-01	P7028167.D	Tetrachloro-m-xylene #2	dipal	10/21/2008 7:49:57 AM	luyin	10/21/2008 12:19:48 PM	Peak Integrated by Software incorrectly
Z5006-01	P7028167.D	Tetrachloro-m-xylene	dipal	10/21/2008 7:49:57 AM	luyin	10/21/2008 12:19:48 PM	Peak Integrated by Software incorrectly
Z5007-01	P7028168.D	Decachlorobiphenyl #2	dipal	10/21/2008 7:49:53 AM	luyin	10/21/2008 12:19:58 PM	Peak Integrated by Software incorrectly
I.BLK	P7028171.D	Tetrachloro-m-xylene #2	dipal	10/21/2008 7:44:33 AM	luyin	10/21/2008 12:20:09 PM	Peak Integrated by Software incorrectly
I.BLK	P7028171.D	Tetrachloro-m-xylene	dipal	10/21/2008 7:44:33 AM	luyin	10/21/2008 12:20:09 PM	Peak Integrated by Software incorrectly
PEM	P7028172.D	Endrin ketone	dipal	10/21/2008 7:44:40 AM	luyin	10/21/2008 12:20:26 PM	Peak Integrated by Software incorrectly
PEM	P7028172.D	Endrin ketone #2	dipal	10/21/2008 7:44:40 AM	luyin	10/21/2008 12:20:26 PM	Peak Integrated by Software incorrectly
PEM	P7028172.D	Endrin aldehyde #2	dipal	10/21/2008 7:44:40 AM	luyin	10/21/2008 12:20:26 PM	Peak Integrated by Software incorrectly
PEM	P7028172.D	Methoxychlor	dipal	10/21/2008 7:44:40 AM	luyin	10/21/2008 12:20:26 PM	Peak Integrated by Software incorrectly
PEM	P7028172.D	Methoxychlor #2	dipal	10/21/2008 7:44:40 AM	luyin	10/21/2008 12:20:26 PM	Peak Integrated by Software incorrectly
PEM	P7028172.D	beta-BHC #2	dipal	10/21/2008 7:44:40 AM	luyin	10/21/2008 12:20:26 PM	Peak Integrated by Software incorrectly
PEM	P7028172.D	Endrin #2	dipal	10/21/2008 7:44:40 AM	luyin	10/21/2008 12:20:26 PM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P7102008	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	P7028172.D	Endrin aldehyde	dipal	10/21/2008 7:44:40 AM	luyin	10/21/2008 12:20:26 PM	Peak Integrated by Software incorrectly
PEM	P7028172.D	alpha-BHC #2	dipal	10/21/2008 7:44:40 AM	luyin	10/21/2008 12:20:26 PM	Peak Integrated by Software incorrectly
PEM	P7028172.D	gamma-BHC (Lindane)	dipal	10/21/2008 7:44:40 AM	luyin	10/21/2008 12:20:26 PM	Peak Integrated by Software incorrectly
PEM	P7028172.D	beta-BHC	dipal	10/21/2008 7:44:40 AM	luyin	10/21/2008 12:20:26 PM	Peak Integrated by Software incorrectly
PEM	P7028172.D	Tetrachloro-m-xylene	dipal	10/21/2008 7:44:40 AM	luyin	10/21/2008 12:20:26 PM	Peak Integrated by Software incorrectly
PEM	P7028172.D	Tetrachloro-m-xylene #2	dipal	10/21/2008 7:44:40 AM	luyin	10/21/2008 12:20:26 PM	Peak Integrated by Software incorrectly
PEM	P7028172.D	alpha-BHC	dipal	10/21/2008 7:44:40 AM	luyin	10/21/2008 12:20:26 PM	Peak Integrated by Software incorrectly
STD 100	P7028173.D	Endrin ketone #2	dipal	10/21/2008 7:47:58 AM	luyin	10/21/2008 12:28:48 PM	Peak Integrated by Software incorrectly
STD 100	P7028173.D	Endosulfan II #2	dipal	10/21/2008 7:47:58 AM	luyin	10/21/2008 12:28:48 PM	Peak Integrated by Software incorrectly
STD 100	P7028173.D	Methoxychlor	dipal	10/21/2008 7:47:58 AM	luyin	10/21/2008 12:28:48 PM	Peak Integrated by Software incorrectly
STD 100	P7028173.D	Methoxychlor #2	dipal	10/21/2008 7:47:58 AM	luyin	10/21/2008 12:28:48 PM	Peak Integrated by Software incorrectly
STD 100	P7028173.D	Dieldrin #2	dipal	10/21/2008 7:47:58 AM	luyin	10/21/2008 12:28:48 PM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P7102008	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
STD 100	P7028173.D	Tetrachloro-m-xylene #2	dipal	10/21/2008 7:47:58 AM	luyin	10/21/2008 12:28:48 PM	Peak Integrated by Software incorrectly
STD 100	P7028173.D	alpha-BHC #2	dipal	10/21/2008 7:47:58 AM	luyin	10/21/2008 12:28:48 PM	Peak Integrated by Software incorrectly
Z5008-01	P7028174.D	Decachlorobiphenyl #2	dipal	10/21/2008 7:47:28 AM	luyin	10/21/2008 12:29:00 PM	Peak Integrated by Software incorrectly
Z5008-01	P7028174.D	Endosulfan Sulfate	dipal	10/21/2008 7:47:28 AM	luyin	10/21/2008 12:29:00 PM	Peak Integrated by Software incorrectly
Z5008-01	P7028174.D	Endosulfan Sulfate #2	dipal	10/21/2008 7:47:28 AM	luyin	10/21/2008 12:29:00 PM	Peak Integrated by Software incorrectly
Z5009-01 10X	P7028175.D	Tetrachloro-m-xylene #2	dipal	10/21/2008 7:48:02 AM	luyin	10/21/2008 12:29:14 PM	Peak Integrated by Software incorrectly
Z5009-01 10X	P7028175.D	Decachlorobiphenyl #2	dipal	10/21/2008 7:48:02 AM	luyin	10/21/2008 12:29:14 PM	Peak Integrated by Software incorrectly
Z5010-01 10X	P7028176.D	Decachlorobiphenyl #2	dipal	10/21/2008 7:47:31 AM	luyin	10/21/2008 12:29:27 PM	Peak Integrated by Software incorrectly
Z5010-01 10X	P7028176.D	Tetrachloro-m-xylene	dipal	10/21/2008 7:47:31 AM	luyin	10/21/2008 12:29:27 PM	Peak Integrated by Software incorrectly
Z5010-01 10X	P7028176.D	Tetrachloro-m-xylene #2	dipal	10/21/2008 7:47:31 AM	luyin	10/21/2008 12:29:27 PM	Peak Integrated by Software incorrectly
Z5010-01 10X	P7028176.D	Decachlorobiphenyl	dipal	10/21/2008 7:47:31 AM	luyin	10/21/2008 12:29:27 PM	Peak Integrated by Software incorrectly
Z5002-02MS	P7028177.D	Endrin ketone	dipal	10/21/2008 7:47:35 AM	luyin	10/21/2008 12:29:46 PM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P7102008	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Z5002-02MS	P7028177.D	Dieldrin	dipal	10/21/2008 7:47:35 AM	luyin	10/21/2008 12:29:46 PM	Peak Integrated by Software incorrectly
Z5002-02MS	P7028177.D	Aldrin	dipal	10/21/2008 7:47:35 AM	luyin	10/21/2008 12:29:46 PM	Peak Integrated by Software incorrectly
Z5002-02MS	P7028177.D	delta-BHC	dipal	10/21/2008 7:47:35 AM	luyin	10/21/2008 12:29:46 PM	Peak Integrated by Software incorrectly
Z5002-02MS	P7028177.D	delta-BHC #2	dipal	10/21/2008 7:47:35 AM	luyin	10/21/2008 12:29:46 PM	Peak Integrated by Software incorrectly
Z5002-02MS	P7028177.D	Tetrachloro-m-xylene #2	dipal	10/21/2008 7:47:35 AM	luyin	10/21/2008 12:29:46 PM	Peak Integrated by Software incorrectly
Z5002-02MS	P7028177.D	alpha-BHC	dipal	10/21/2008 7:47:35 AM	luyin	10/21/2008 12:29:46 PM	Peak Integrated by Software incorrectly
Z5002-02MS	P7028177.D	alpha-BHC #2	dipal	10/21/2008 7:47:35 AM	luyin	10/21/2008 12:29:46 PM	Peak Integrated by Software incorrectly
Z5002-02MSD	P7028178.D	Decachlorobiphenyl #2	dipal	10/21/2008 7:48:06 AM	luyin	10/21/2008 12:30:12 PM	Peak Integrated by Software incorrectly
Z5002-02MSD	P7028178.D	Endrin ketone	dipal	10/21/2008 7:48:06 AM	luyin	10/21/2008 12:30:12 PM	Peak Integrated by Software incorrectly
Z5002-02MSD	P7028178.D	Endrin ketone #2	dipal	10/21/2008 7:48:06 AM	luyin	10/21/2008 12:30:12 PM	Peak Integrated by Software incorrectly
Z5002-02MSD	P7028178.D	Decachlorobiphenyl	dipal	10/21/2008 7:48:06 AM	luyin	10/21/2008 12:30:12 PM	Peak Integrated by Software incorrectly
Z5002-02MSD	P7028178.D	Endosulfan Sulfate #2	dipal	10/21/2008 7:48:06 AM	luyin	10/21/2008 12:30:12 PM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P7102008	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Z5002-02MSD	P7028178.D	gamma-Chlordane	dipal	10/21/2008 7:48:06 AM	luyin	10/21/2008 12:30:12 PM	Peak Integrated by Software incorrectly
Z5002-02MSD	P7028178.D	gamma-Chlordane #2	dipal	10/21/2008 7:48:06 AM	luyin	10/21/2008 12:30:12 PM	Peak Integrated by Software incorrectly
Z5002-02MSD	P7028178.D	beta-BHC	dipal	10/21/2008 7:48:06 AM	luyin	10/21/2008 12:30:12 PM	Peak Integrated by Software incorrectly
Z5002-02MSD	P7028178.D	beta-BHC #2	dipal	10/21/2008 7:48:06 AM	luyin	10/21/2008 12:30:12 PM	Peak Integrated by Software incorrectly
Z5002-02MSD	P7028178.D	delta-BHC	dipal	10/21/2008 7:48:06 AM	luyin	10/21/2008 12:30:12 PM	Peak Integrated by Software incorrectly
Z5002-02MSD	P7028178.D	alpha-BHC	dipal	10/21/2008 7:48:06 AM	luyin	10/21/2008 12:30:12 PM	Peak Integrated by Software incorrectly
Z5002-02MSD	P7028178.D	gamma-BHC (Lindane)	dipal	10/21/2008 7:48:06 AM	luyin	10/21/2008 12:30:12 PM	Peak Integrated by Software incorrectly
Z5002-02MSD	P7028178.D	gamma-BHC (Lindane) #2	dipal	10/21/2008 7:48:06 AM	luyin	10/21/2008 12:30:12 PM	Peak Integrated by Software incorrectly
Z5002-02MSD	P7028178.D	Tetrachloro-m-xylene	dipal	10/21/2008 7:48:06 AM	luyin	10/21/2008 12:30:12 PM	Peak Integrated by Software incorrectly
Z5002-02MSD	P7028178.D	Tetrachloro-m-xylene #2	dipal	10/21/2008 7:48:06 AM	luyin	10/21/2008 12:30:12 PM	Peak Integrated by Software incorrectly
Z5002-02MSD	P7028178.D	alpha-BHC #2	dipal	10/21/2008 7:48:06 AM	luyin	10/21/2008 12:30:12 PM	Peak Integrated by Software incorrectly
Z4975-02 2X	P7028179.D	gamma-Chlordane	dipal	10/21/2008 7:47:43 AM	ugo	10/21/2008 3:39:01 PM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P7102008	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Z4975-02 2X	P7028179.D	Decachlorobiphenyl #2	dipal	10/21/2008 7:47:43 AM	ugo	10/21/2008 3:39:01 PM	Peak Integrated by Software incorrectly
Z4975-02 2X	P7028179.D	Decachlorobiphenyl	dipal	10/21/2008 7:47:43 AM	ugo	10/21/2008 3:39:01 PM	Peak Integrated by Software incorrectly
Z4975-02 2X	P7028179.D	gamma-Chlordane #2	dipal	10/21/2008 7:47:43 AM	ugo	10/21/2008 3:39:01 PM	Peak Integrated by Software incorrectly
Z4975-02 2X	P7028179.D	Dieldrin #2	dipal	10/21/2008 7:47:43 AM	ugo	10/21/2008 3:39:01 PM	Peak Integrated by Software incorrectly
Z4975-02 2X	P7028179.D	Methoxychlor	dipal	10/21/2008 7:47:43 AM	ugo	10/21/2008 3:39:01 PM	Peak Integrated by Software incorrectly
Z4975-02 2X	P7028179.D	Methoxychlor #2	dipal	10/21/2008 7:47:43 AM	ugo	10/21/2008 3:39:01 PM	Peak Integrated by Software incorrectly
Z4975-02 2X	P7028179.D	Tetrachloro-m-xylene #2	dipal	10/21/2008 7:47:43 AM	ugo	10/21/2008 3:39:01 PM	Peak Integrated by Software incorrectly
Z4975-02 2X	P7028179.D	alpha-Chlordane	dipal	10/21/2008 7:47:43 AM	ugo	10/21/2008 3:39:01 PM	Peak Integrated by Software incorrectly
Z4975-02 2X	P7028179.D	Dieldrin	dipal	10/21/2008 7:47:43 AM	ugo	10/21/2008 3:39:01 PM	Peak Integrated by Software incorrectly
Z4975-03 2X	P7028180.D	gamma-Chlordane	dipal	10/21/2008 7:50:01 AM	ugo	10/21/2008 3:39:12 PM	Peak Integrated by Software incorrectly
Z4975-03 2X	P7028180.D	gamma-Chlordane #2	dipal	10/21/2008 7:50:01 AM	ugo	10/21/2008 3:39:12 PM	Peak Integrated by Software incorrectly
Z4975-03 2X	P7028180.D	alpha-Chlordane	dipal	10/21/2008 7:50:01 AM	ugo	10/21/2008 3:39:12 PM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P7102008	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Z4975-03 2X	P7028180.D	Dieldrin	dipal	10/21/2008 7:50:01 AM	ugo	10/21/2008 3:39:12 PM	Peak Integrated by Software incorrectly
Z4975-03 2X	P7028180.D	Dieldrin #2	dipal	10/21/2008 7:50:01 AM	ugo	10/21/2008 3:39:12 PM	Peak Integrated by Software incorrectly
Z4975-03 2X	P7028180.D	Tetrachloro-m-xylene #2	dipal	10/21/2008 7:50:01 AM	ugo	10/21/2008 3:39:12 PM	Peak Integrated by Software incorrectly
Z4975-03 2X	P7028180.D	Decachlorobiphenyl #2	dipal	10/21/2008 7:50:01 AM	ugo	10/21/2008 3:39:12 PM	Peak Integrated by Software incorrectly
Z4975-03 2X	P7028180.D	Decachlorobiphenyl	dipal	10/21/2008 7:50:01 AM	ugo	10/21/2008 3:39:12 PM	Peak Integrated by Software incorrectly
Z4975-04 2X	P7028181.D	Dieldrin #2	dipal	10/21/2008 7:47:38 AM	ugo	10/21/2008 3:39:26 PM	Peak Integrated by Software incorrectly
Z4975-04 2X	P7028181.D	gamma-Chlordane	dipal	10/21/2008 7:47:38 AM	ugo	10/21/2008 3:39:26 PM	Peak Integrated by Software incorrectly
Z4975-04 2X	P7028181.D	gamma-Chlordane #2	dipal	10/21/2008 7:47:38 AM	ugo	10/21/2008 3:39:26 PM	Peak Integrated by Software incorrectly
Z4975-04 2X	P7028181.D	alpha-Chlordane	dipal	10/21/2008 7:47:38 AM	ugo	10/21/2008 3:39:26 PM	Peak Integrated by Software incorrectly
Z4975-04 2X	P7028181.D	alpha-Chlordane #2	dipal	10/21/2008 7:47:38 AM	ugo	10/21/2008 3:39:26 PM	Peak Integrated by Software incorrectly
Z4975-04 2X	P7028181.D	Dieldrin	dipal	10/21/2008 7:47:38 AM	ugo	10/21/2008 3:39:26 PM	Peak Integrated by Software incorrectly
Z4975-04 2X	P7028181.D	Tetrachloro-m-xylene #2	dipal	10/21/2008 7:47:38 AM	ugo	10/21/2008 3:39:26 PM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P7102008	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Z4975-04 2X	P7028181.D	Decachlorobiphenyl #2	dipal	10/21/2008 7:47:38 AM	ugo	10/21/2008 3:39:26 PM	Peak Integrated by Software incorrectly
Z4975-04 2X	P7028181.D	Decachlorobiphenyl	dipal	10/21/2008 7:47:38 AM	ugo	10/21/2008 3:39:26 PM	Peak Integrated by Software incorrectly
STD 100	P7028185.D	Heptachlor	luyin	10/21/2008 12:31:53 PM	ugo	10/21/2008 3:39:36 PM	Peak Integrated by Software incorrectly
Z4975-09 10X	P7028190.D	Dieldrin #2	bharat	10/21/2008 9:55:52 AM	ugo	10/21/2008 3:39:49 PM	Peak Integrated by Software incorrectly
Z4975-09 10X	P7028190.D	gamma-Chlordane	bharat	10/21/2008 9:55:52 AM	ugo	10/21/2008 3:39:49 PM	Peak Integrated by Software incorrectly
Z4975-09 10X	P7028190.D	Decachlorobiphenyl #2	bharat	10/21/2008 9:55:52 AM	ugo	10/21/2008 3:39:49 PM	Peak Integrated by Software incorrectly
Z4975-09 10X	P7028190.D	Decachlorobiphenyl	bharat	10/21/2008 9:55:52 AM	ugo	10/21/2008 3:39:49 PM	Peak Integrated by Software incorrectly
Z4975-09 10X	P7028190.D	Dieldrin	bharat	10/21/2008 9:55:52 AM	ugo	10/21/2008 3:39:49 PM	Peak Integrated by Software incorrectly
Z4975-10 10X	P7028191.D	Dieldrin #2	bharat	10/21/2008 9:55:50 AM	ugo	10/21/2008 3:40:59 PM	Peak Integrated by Software incorrectly
Z4975-10 10X	P7028191.D	gamma-Chlordane	bharat	10/21/2008 9:55:50 AM	ugo	10/21/2008 3:40:59 PM	Peak Integrated by Software incorrectly
Z4975-10 10X	P7028191.D	Decachlorobiphenyl	bharat	10/21/2008 9:55:50 AM	ugo	10/21/2008 3:40:59 PM	Peak Integrated by Software incorrectly
Z4975-10 10X	P7028191.D	Decachlorobiphenyl #2	bharat	10/21/2008 9:55:50 AM	ugo	10/21/2008 3:40:59 PM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P7102008	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Z4975-10 10X	P7028191.D	Dieldrin	bharat	10/21/2008 9:55:50 AM	ugo	10/21/2008 3:40:59 PM	Peak Integrated by Software incorrectly
Z4975-11	P7028192.D	gamma-Chlordane	luyin	10/21/2008 12:32:33 PM	ugo	10/21/2008 3:40:00 PM	Peak Integrated by Software incorrectly
Z4975-12 10X	P7028193.D	Tetrachloro-m-xylene #2	bharat	10/21/2008 9:55:48 AM	ugo	10/21/2008 3:40:16 PM	Peak Integrated by Software incorrectly
Z4975-12 10X	P7028193.D	Dieldrin	bharat	10/21/2008 9:55:48 AM	ugo	10/21/2008 3:40:16 PM	Peak Integrated by Software incorrectly
Z4975-12 10X	P7028193.D	Dieldrin #2	bharat	10/21/2008 9:55:48 AM	ugo	10/21/2008 3:40:16 PM	Peak Integrated by Software incorrectly
Z4975-12 10X	P7028193.D	gamma-Chlordane	bharat	10/21/2008 9:55:48 AM	ugo	10/21/2008 3:40:16 PM	Peak Integrated by Software incorrectly
Z4975-12 10X	P7028193.D	Decachlorobiphenyl	bharat	10/21/2008 9:55:48 AM	ugo	10/21/2008 3:40:16 PM	Peak Integrated by Software incorrectly
Z4975-12 10X	P7028193.D	Decachlorobiphenyl #2	bharat	10/21/2008 9:55:48 AM	ugo	10/21/2008 3:40:16 PM	Peak Integrated by Software incorrectly
Z4975-14 10X	P7028195.D	Decachlorobiphenyl	luyin	10/21/2008 12:33:01 PM	ugo	10/21/2008 3:40:26 PM	Peak Integrated by Software incorrectly
Z4975-14 10X	P7028195.D	gamma-Chlordane	luyin	10/21/2008 12:33:01 PM	ugo	10/21/2008 3:40:26 PM	Peak Integrated by Software incorrectly
Z4975-14 10X	P7028195.D	Tetrachloro-m-xylene	luyin	10/21/2008 12:33:01 PM	ugo	10/21/2008 3:40:26 PM	Peak Integrated by Software incorrectly
Z4975-14 10X	P7028195.D	Tetrachloro-m-xylene #2	luyin	10/21/2008 12:33:01 PM	ugo	10/21/2008 3:40:26 PM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P7102008	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Z4975-14 10X	P7028195.D	Decachlorobiphenyl #2	luyin	10/21/2008 12:33:01 PM	ugo	10/21/2008 3:40:26 PM	Peak Integrated by Software incorrectly
STD 100	P7028136.D	Heptachlor #2	luyin	10/21/2008 12:08:43 PM	luyin	10/21/2008 12:08:43 PM	Peak Integrated by Software incorrectly
STD 100	P7028136.D	Heptachlor #2	luyin	10/21/2008 12:08:43 PM	luyin	10/21/2008 12:08:43 PM	Peak Integrated by Software incorrectly
PB37363BS	P7028137.D	Endrin ketone #2	dipal	10/21/2008 7:48:30 AM	luyin	10/21/2008 12:09:09 PM	Peak Integrated by Software incorrectly
PB37363BS	P7028137.D	Methoxychlor	dipal	10/21/2008 7:48:30 AM	luyin	10/21/2008 12:09:09 PM	Peak Integrated by Software incorrectly
PB37363BS	P7028137.D	Methoxychlor #2	dipal	10/21/2008 7:48:30 AM	luyin	10/21/2008 12:09:09 PM	Peak Integrated by Software incorrectly
PB37363BS	P7028137.D	Endrin ketone	dipal	10/21/2008 7:48:30 AM	luyin	10/21/2008 12:09:09 PM	Peak Integrated by Software incorrectly
PB37363BS	P7028137.D	gamma-Chlordane	dipal	10/21/2008 7:48:30 AM	luyin	10/21/2008 12:09:09 PM	Peak Integrated by Software incorrectly
PB37363BS	P7028137.D	Endosulfan II	dipal	10/21/2008 7:48:30 AM	luyin	10/21/2008 12:09:09 PM	Peak Integrated by Software incorrectly
PB37363BS	P7028137.D	Endosulfan II #2	dipal	10/21/2008 7:48:30 AM	luyin	10/21/2008 12:09:09 PM	Peak Integrated by Software incorrectly
PB37363BS	P7028137.D	delta-BHC #2	dipal	10/21/2008 7:48:30 AM	luyin	10/21/2008 12:09:09 PM	Peak Integrated by Software incorrectly
PB37363BS	P7028137.D	Heptachlor epoxide #2	dipal	10/21/2008 7:48:30 AM	luyin	10/21/2008 12:09:09 PM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P7102008	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB37363BS	P7028137.D	gamma-Chlordane #2	dipal	10/21/2008 7:48:30 AM	luyin	10/21/2008 12:09:09 PM	Peak Integrated by Software incorrectly
PB37363BS	P7028137.D	Aldrin	dipal	10/21/2008 7:48:30 AM	luyin	10/21/2008 12:09:09 PM	Peak Integrated by Software incorrectly
PB37363BS	P7028137.D	Aldrin #2	dipal	10/21/2008 7:48:30 AM	luyin	10/21/2008 12:09:09 PM	Peak Integrated by Software incorrectly
PB37363BS	P7028137.D	delta-BHC	dipal	10/21/2008 7:48:30 AM	luyin	10/21/2008 12:09:09 PM	Peak Integrated by Software incorrectly
PB37363BS	P7028137.D	alpha-BHC #2	dipal	10/21/2008 7:48:30 AM	luyin	10/21/2008 12:09:09 PM	Peak Integrated by Software incorrectly
PB37363BS	P7028137.D	Heptachlor	dipal	10/21/2008 7:48:30 AM	luyin	10/21/2008 12:09:09 PM	Peak Integrated by Software incorrectly
PB37363BS	P7028137.D	Heptachlor #2	dipal	10/21/2008 7:48:30 AM	luyin	10/21/2008 12:09:09 PM	Peak Integrated by Software incorrectly
PB37363BS	P7028137.D	Tetrachloro-m-xylene	dipal	10/21/2008 7:48:30 AM	luyin	10/21/2008 12:09:09 PM	Peak Integrated by Software incorrectly
PB37363BS	P7028137.D	Tetrachloro-m-xylene #2	dipal	10/21/2008 7:48:30 AM	luyin	10/21/2008 12:09:09 PM	Peak Integrated by Software incorrectly
PB37363BS	P7028137.D	alpha-BHC	dipal	10/21/2008 7:48:30 AM	luyin	10/21/2008 12:09:09 PM	Peak Integrated by Software incorrectly
PB37363BL	P7028138.D	Tetrachloro-m-xylene #2	dipal	10/21/2008 7:45:59 AM	luyin	10/21/2008 12:09:51 PM	Peak Integrated by Software incorrectly
PB37363BL	P7028138.D	Decachlorobiphenyl	dipal	10/21/2008 7:45:59 AM	luyin	10/21/2008 12:09:51 PM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P7102008	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB37363TB	P7028139.D	Tetrachloro-m-xylene	dipal	10/21/2008 7:46:06 AM	luyin	10/21/2008 12:10:02 PM	Peak Integrated by Software incorrectly
PB37363TB	P7028139.D	Tetrachloro-m-xylene #2	dipal	10/21/2008 7:46:06 AM	luyin	10/21/2008 12:10:02 PM	Peak Integrated by Software incorrectly
PB37363BS	P7028140.D	Endrin ketone	dipal	10/21/2008 7:45:41 AM	luyin	10/21/2008 12:14:34 PM	Peak Integrated by Software incorrectly
PB37363BS	P7028140.D	Methoxychlor	dipal	10/21/2008 7:45:41 AM	luyin	10/21/2008 12:14:34 PM	Peak Integrated by Software incorrectly
PB37363BS	P7028140.D	Methoxychlor #2	dipal	10/21/2008 7:45:41 AM	luyin	10/21/2008 12:14:34 PM	Peak Integrated by Software incorrectly
PB37363BS	P7028140.D	Endrin ketone #2	dipal	10/21/2008 7:45:41 AM	luyin	10/21/2008 12:14:34 PM	Peak Integrated by Software incorrectly
PB37363BS	P7028140.D	Endosulfan II #2	dipal	10/21/2008 7:45:41 AM	luyin	10/21/2008 12:14:34 PM	Peak Integrated by Software incorrectly
PB37363BS	P7028140.D	Endosulfan Sulfate	dipal	10/21/2008 7:45:41 AM	luyin	10/21/2008 12:14:34 PM	Peak Integrated by Software incorrectly
PB37363BS	P7028140.D	Endosulfan Sulfate #2	dipal	10/21/2008 7:45:41 AM	luyin	10/21/2008 12:14:34 PM	Peak Integrated by Software incorrectly
PB37363BS	P7028140.D	Endrin	dipal	10/21/2008 7:45:41 AM	luyin	10/21/2008 12:14:34 PM	Peak Integrated by Software incorrectly
PB37363BS	P7028140.D	Endrin #2	dipal	10/21/2008 7:45:41 AM	luyin	10/21/2008 12:14:34 PM	Peak Integrated by Software incorrectly
PB37363BS	P7028140.D	Endosulfan II	dipal	10/21/2008 7:45:41 AM	luyin	10/21/2008 12:14:34 PM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P7102008	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB37363BS	P7028140.D	delta-BHC #2	dipal	10/21/2008 7:45:41 AM	luyin	10/21/2008 12:14:34 PM	Peak Integrated by Software incorrectly
PB37363BS	P7028140.D	Heptachlor epoxide	dipal	10/21/2008 7:45:41 AM	luyin	10/21/2008 12:14:34 PM	Peak Integrated by Software incorrectly
PB37363BS	P7028140.D	Heptachlor epoxide #2	dipal	10/21/2008 7:45:41 AM	luyin	10/21/2008 12:14:34 PM	Peak Integrated by Software incorrectly
PB37363BS	P7028140.D	Aldrin	dipal	10/21/2008 7:45:41 AM	luyin	10/21/2008 12:14:34 PM	Peak Integrated by Software incorrectly
PB37363BS	P7028140.D	Aldrin #2	dipal	10/21/2008 7:45:41 AM	luyin	10/21/2008 12:14:34 PM	Peak Integrated by Software incorrectly
PB37363BS	P7028140.D	delta-BHC	dipal	10/21/2008 7:45:41 AM	luyin	10/21/2008 12:14:34 PM	Peak Integrated by Software incorrectly
PB37363BS	P7028140.D	gamma-BHC (Lindane) #2	dipal	10/21/2008 7:45:41 AM	luyin	10/21/2008 12:14:34 PM	Peak Integrated by Software incorrectly
PB37363BS	P7028140.D	Heptachlor	dipal	10/21/2008 7:45:41 AM	luyin	10/21/2008 12:14:34 PM	Peak Integrated by Software incorrectly
PB37363BS	P7028140.D	Heptachlor #2	dipal	10/21/2008 7:45:41 AM	luyin	10/21/2008 12:14:34 PM	Peak Integrated by Software incorrectly
PB37363BS	P7028140.D	Tetrachloro-m-xylene	dipal	10/21/2008 7:45:41 AM	luyin	10/21/2008 12:14:34 PM	Peak Integrated by Software incorrectly
PB37363BS	P7028140.D	Tetrachloro-m-xylene #2	dipal	10/21/2008 7:45:41 AM	luyin	10/21/2008 12:14:34 PM	Peak Integrated by Software incorrectly
PB37363BS	P7028140.D	gamma-BHC (Lindane)	dipal	10/21/2008 7:45:41 AM	luyin	10/21/2008 12:14:34 PM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P7102008	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB37362BL	P7028141.D	Tetrachloro-m-xylene	dipal	10/21/2008 7:44:52 AM	luyin	10/21/2008 12:14:45 PM	Peak Integrated by Software incorrectly
PB37362BL	P7028141.D	Tetrachloro-m-xylene #2	dipal	10/21/2008 7:44:52 AM	luyin	10/21/2008 12:14:45 PM	Peak Integrated by Software incorrectly
PB37362BS	P7028142.D	Endrin ketone	dipal	10/21/2008 7:44:59 AM	luyin	10/21/2008 12:15:03 PM	Peak Integrated by Software incorrectly
PB37362BS	P7028142.D	Endrin ketone #2	dipal	10/21/2008 7:44:59 AM	luyin	10/21/2008 12:15:03 PM	Peak Integrated by Software incorrectly
PB37362BS	P7028142.D	Endrin	dipal	10/21/2008 7:44:59 AM	luyin	10/21/2008 12:15:03 PM	Peak Integrated by Software incorrectly
PB37362BS	P7028142.D	Endosulfan II	dipal	10/21/2008 7:44:59 AM	luyin	10/21/2008 12:15:03 PM	Peak Integrated by Software incorrectly
PB37362BS	P7028142.D	Endosulfan II #2	dipal	10/21/2008 7:44:59 AM	luyin	10/21/2008 12:15:03 PM	Peak Integrated by Software incorrectly
PB37362BS	P7028142.D	gamma-Chlordane	dipal	10/21/2008 7:44:59 AM	luyin	10/21/2008 12:15:03 PM	Peak Integrated by Software incorrectly
PB37362BS	P7028142.D	gamma-Chlordane #2	dipal	10/21/2008 7:44:59 AM	luyin	10/21/2008 12:15:03 PM	Peak Integrated by Software incorrectly
PB37362BS	P7028142.D	Endrin #2	dipal	10/21/2008 7:44:59 AM	luyin	10/21/2008 12:15:03 PM	Peak Integrated by Software incorrectly
PB37362BS	P7028142.D	delta-BHC #2	dipal	10/21/2008 7:44:59 AM	luyin	10/21/2008 12:15:03 PM	Peak Integrated by Software incorrectly
PB37362BS	P7028142.D	Heptachlor epoxide	dipal	10/21/2008 7:44:59 AM	luyin	10/21/2008 12:15:03 PM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P7102008	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB37362BS	P7028142.D	Heptachlor epoxide #2	dipal	10/21/2008 7:44:59 AM	luyin	10/21/2008 12:15:03 PM	Peak Integrated by Software incorrectly
PB37362BS	P7028142.D	Heptachlor	dipal	10/21/2008 7:44:59 AM	luyin	10/21/2008 12:15:03 PM	Peak Integrated by Software incorrectly
PB37362BS	P7028142.D	Heptachlor #2	dipal	10/21/2008 7:44:59 AM	luyin	10/21/2008 12:15:03 PM	Peak Integrated by Software incorrectly
PB37362BS	P7028142.D	delta-BHC	dipal	10/21/2008 7:44:59 AM	luyin	10/21/2008 12:15:03 PM	Peak Integrated by Software incorrectly
PB37362BS	P7028142.D	alpha-BHC	dipal	10/21/2008 7:44:59 AM	luyin	10/21/2008 12:15:03 PM	Peak Integrated by Software incorrectly
PB37362BS	P7028142.D	gamma-BHC (Lindane)	dipal	10/21/2008 7:44:59 AM	luyin	10/21/2008 12:15:03 PM	Peak Integrated by Software incorrectly
PB37362BS	P7028142.D	gamma-BHC (Lindane) #2	dipal	10/21/2008 7:44:59 AM	luyin	10/21/2008 12:15:03 PM	Peak Integrated by Software incorrectly
PB37362BS	P7028142.D	Tetrachloro-m-xylene	dipal	10/21/2008 7:44:59 AM	luyin	10/21/2008 12:15:03 PM	Peak Integrated by Software incorrectly
PB37362BS	P7028142.D	Tetrachloro-m-xylene #2	dipal	10/21/2008 7:44:59 AM	luyin	10/21/2008 12:15:03 PM	Peak Integrated by Software incorrectly
PB37362BS	P7028142.D	alpha-BHC #2	dipal	10/21/2008 7:44:59 AM	luyin	10/21/2008 12:15:03 PM	Peak Integrated by Software incorrectly
Z5023-01	P7028143.D	Tetrachloro-m-xylene	dipal	10/21/2008 7:44:49 AM	luyin	10/21/2008 12:15:29 PM	Peak Integrated by Software incorrectly
Z5023-01	P7028143.D	Tetrachloro-m-xylene #2	dipal	10/21/2008 7:44:49 AM	luyin	10/21/2008 12:15:29 PM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P7102008	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Z4975-01 2X	P7028144.D	gamma-Chlordane #2	dipal	10/21/2008 7:45:35 AM	ugo	10/21/2008 3:38:47 PM	Peak Integrated by Software incorrectly
Z4975-01 2X	P7028144.D	alpha-Chlordane	dipal	10/21/2008 7:45:35 AM	ugo	10/21/2008 3:38:47 PM	Peak Integrated by Software incorrectly
Z4975-01 2X	P7028144.D	alpha-Chlordane #2	dipal	10/21/2008 7:45:35 AM	ugo	10/21/2008 3:38:47 PM	Peak Integrated by Software incorrectly
Z4975-01 2X	P7028144.D	gamma-Chlordane	dipal	10/21/2008 7:45:35 AM	ugo	10/21/2008 3:38:47 PM	Peak Integrated by Software incorrectly
Z4975-01 2X	P7028144.D	Tetrachloro-m-xylene #2	dipal	10/21/2008 7:45:35 AM	ugo	10/21/2008 3:38:47 PM	Peak Integrated by Software incorrectly
Z4975-01 2X	P7028144.D	Decachlorobiphenyl #2	dipal	10/21/2008 7:45:35 AM	ugo	10/21/2008 3:38:47 PM	Peak Integrated by Software incorrectly
Z4975-01 2X	P7028144.D	Decachlorobiphenyl	dipal	10/21/2008 7:45:35 AM	ugo	10/21/2008 3:38:47 PM	Peak Integrated by Software incorrectly
STD 100	P7028148.D	Endrin ketone #2	dipal	10/21/2008 7:46:09 AM	luyin	10/21/2008 12:16:07 PM	Peak Integrated by Software incorrectly
STD 100	P7028148.D	Endrin aldehyde #2	dipal	10/21/2008 7:46:09 AM	luyin	10/21/2008 12:16:07 PM	Peak Integrated by Software incorrectly
STD 100	P7028148.D	Endrin aldehyde	dipal	10/21/2008 7:46:09 AM	luyin	10/21/2008 12:16:07 PM	Peak Integrated by Software incorrectly
STD 100	P7028148.D	Endrin ketone	dipal	10/21/2008 7:46:09 AM	luyin	10/21/2008 12:16:07 PM	Peak Integrated by Software incorrectly
STD 100	P7028148.D	Endrin #2	dipal	10/21/2008 7:46:09 AM	luyin	10/21/2008 12:16:07 PM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P7102008	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
STD 100	P7028148.D	Endosulfan II	dipal	10/21/2008 7:46:09 AM	luyin	10/21/2008 12:16:07 PM	Peak Integrated by Software incorrectly
STD 100	P7028148.D	Endosulfan II #2	dipal	10/21/2008 7:46:09 AM	luyin	10/21/2008 12:16:07 PM	Peak Integrated by Software incorrectly
STD 100	P7028148.D	Heptachlor epoxide	dipal	10/21/2008 7:46:09 AM	luyin	10/21/2008 12:16:07 PM	Peak Integrated by Software incorrectly
STD 100	P7028148.D	Heptachlor epoxide #2	dipal	10/21/2008 7:46:09 AM	luyin	10/21/2008 12:16:07 PM	Peak Integrated by Software incorrectly
STD 100	P7028148.D	Endrin	dipal	10/21/2008 7:46:09 AM	luyin	10/21/2008 12:16:07 PM	Peak Integrated by Software incorrectly
STD 100	P7028148.D	Heptachlor	dipal	10/21/2008 7:46:09 AM	luyin	10/21/2008 12:16:07 PM	Peak Integrated by Software incorrectly
STD 100	P7028148.D	delta-BHC	dipal	10/21/2008 7:46:09 AM	luyin	10/21/2008 12:16:07 PM	Peak Integrated by Software incorrectly
STD 100	P7028148.D	delta-BHC #2	dipal	10/21/2008 7:46:09 AM	luyin	10/21/2008 12:16:07 PM	Peak Integrated by Software incorrectly
STD 100	P7028148.D	Tetrachloro-m-xylene	dipal	10/21/2008 7:46:09 AM	luyin	10/21/2008 12:16:07 PM	Peak Integrated by Software incorrectly
STD 100	P7028148.D	Tetrachloro-m-xylene #2	dipal	10/21/2008 7:46:09 AM	luyin	10/21/2008 12:16:07 PM	Peak Integrated by Software incorrectly
STD 100	P7028148.D	Heptachlor #2	dipal	10/21/2008 7:46:09 AM	luyin	10/21/2008 12:16:07 PM	Peak Integrated by Software incorrectly
Z5023-03	P7028149.D	Tetrachloro-m-xylene #2	dipal	10/21/2008 7:46:30 AM	luyin	10/21/2008 12:16:17 PM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P7102008	Instrument	ECD_7

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Z5024-01	P7028150.D	Tetrachloro-m-xylene #2	dipal	10/21/2008 7:45:13 AM	luyin	10/21/2008 12:16:27 PM	Peak Integrated by Software incorrectly
Z5024-03	P7028151.D	Tetrachloro-m-xylene #2	dipal	10/21/2008 7:45:02 AM	luyin	10/21/2008 12:16:37 PM	Peak Integrated by Software incorrectly
Z5024-03	P7028151.D	Tetrachloro-m-xylene	dipal	10/21/2008 7:45:02 AM	luyin	10/21/2008 12:16:37 PM	Peak Integrated by Software incorrectly
Z5007-02	P7028153.D	Tetrachloro-m-xylene #2	dipal	10/21/2008 7:45:06 AM	luyin	10/21/2008 12:16:55 PM	Peak Integrated by Software incorrectly
Z5009-02	P7028155.D	Tetrachloro-m-xylene #2	dipal	10/21/2008 7:48:42 AM	luyin	10/21/2008 12:17:04 PM	Peak Integrated by Software incorrectly
Z5010-02	P7028156.D	Tetrachloro-m-xylene	dipal	10/21/2008 7:45:50 AM	luyin	10/21/2008 12:17:14 PM	Peak Integrated by Software incorrectly
Z5010-02	P7028156.D	Tetrachloro-m-xylene #2	dipal	10/21/2008 7:45:50 AM	luyin	10/21/2008 12:17:14 PM	Peak Integrated by Software incorrectly

CHEMTECH

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	10/21/2008 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP7693	SubDirectory	P7102008
Internal Standard/PEM	GCS1510 (PEM)	HP Acquire Method	CLPNEWMOON.M
ICV/I.BLK	GCP7735	HP Processing Method	P7100608

Sr#	SampleId/DILF	Data File Name	Date-Time	Operator	Status
1	I.BLK	P7028133.D	20 Oct 2008 17:54	LH	Ok
2	PEM	P7028134.D	20 Oct 2008 18:08	LH	Ok
3	STD 100	P7028135.D	20 Oct 2008 18:38	LH	Not Ok
4	STD 100	P7028136.D	20 Oct 2008 19:12	LH	Ok,M
5	PB37363BS	P7028137.D	20 Oct 2008 19:31	LH	Not Ok
6	PB37363BL	P7028138.D	20 Oct 2008 19:53	LH	Ok,M
7	PB37363TB	P7028139.D	20 Oct 2008 20:07	LH	Ok,M
8	PB37363BS	P7028140.D	20 Oct 2008 20:22	LH	Ok,M
9	PB37362BL	P7028141.D	20 Oct 2008 20:36	LH	Ok,M
10	PB37362BS	P7028142.D	20 Oct 2008 20:50	LH	Ok,M
11	Z5023-01	P7028143.D	20 Oct 2008 21:04	LH	Ok,M

12	Z4975-01 2X	P7028144.D	20 Oct 2008 21:18	LH	Ok,M
13	HEXANE	P7028145.D	20 Oct 2008 21:33	LH	Ok
14	HEXANE	P7028146.D	20 Oct 2008 21:47	LH	Ok
15	I.BLK	P7028147.D	20 Oct 2008 22:01	LH	Ok
16	STD 100	P7028148.D	20 Oct 2008 22:15	LH	Ok,M
17	Z5023-03	P7028149.D	20 Oct 2008 22:30	LH	Ok,M
18	Z5024-01	P7028150.D	20 Oct 2008 22:44	LH	Ok,M
19	Z5024-03	P7028151.D	20 Oct 2008 22:58	LH	Ok,M
20	Z5006-02	P7028152.D	20 Oct 2008 23:12	LH	Ok
21	Z5007-02	P7028153.D	20 Oct 2008 23:26	LH	Ok,M

CHEMTECH

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	10/21/2008 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP7693	SubDirectory	P7102008
Internal Standard/PEM	GCS1510 (PEM)	HP Acquire Method	CLPNEWMOON.M
ICV/I.BLK	GCP7735	HP Processing Method	P7100608

Sr#	SampleId/DILF	Data File Name	Date-Time	Operator	Status
22	Z5008-02	P7028154.D	20 Oct 2008 23:41	LH	Ok
23	Z5009-02	P7028155.D	20 Oct 2008 23:55	LH	Ok,M
24	Z5010-02	P7028156.D	21 Oct 2008 00:09	LH	Ok,M
25	HEXANE	P7028157.D	21 Oct 2008 00:24	LH	Ok
26	HEXANE	P7028158.D	21 Oct 2008 00:38	LH	Ok
27	I.BLK	P7028159.D	21 Oct 2008 00:52	LH	Ok,M
28	STD 100	P7028160.D	21 Oct 2008 1:07	LH	Ok,M
29	Z5018-01	P7028161.D	21 Oct 2008 1:22	LH	Ok,M
30	Z5006-02MS	P7028162.D	21 Oct 2008 1:36	LH	Ok,M
31	Z5006-02MSD	P7028163.D	21 Oct 2008 1:51	LH	Ok,M
32	Z5002-02	P7028164.D	21 Oct 2008 2:05	LH	Ok,M
33	Z5002-04 10X	P7028165.D	21 Oct 2008 2:19	LH	Ok,M
34	Z5002-05	P7028166.D	21 Oct 2008 2:33	LH	Ok,M
35	Z5006-01	P7028167.D	21 Oct 2008 2:48	LH	Ok,M
36	Z5007-01	P7028168.D	21 Oct 2008 3:03	LH	Ok,M
37	HEXANE	P7028169.D	21 Oct 2008 3:18	LH	Ok
38	HEXANE	P7028170.D	21 Oct 2008 3:32	LH	Ok
39	I.BLK	P7028171.D	21 Oct 2008 3:47	LH	Ok,M
40	PEM	P7028172.D	21 Oct 2008 4:02	LH	Ok,M
41	STD 100	P7028173.D	21 Oct 2008 4:16	LH	Ok,M

CHEMTECH

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	10/21/2008 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP7693	SubDirectory	P7102008
Internal Standard/PEM	GCS1510 (PEM)	HP Acquire Method	CLPNEWMOON.M
ICV/I.BLK	GCP7735	HP Processing Method	P7100608

Sr#	SampleId/DILF	Data File Name	Date-Time	Operator	Status
42	Z5008-01	P7028174.D	21 Oct 2008 4:31	LH	Ok,M
43	Z5009-01 10X	P7028175.D	21 Oct 2008 4:46	LH	Ok,M
44	Z5010-01 10X	P7028176.D	21 Oct 2008 5:00	LH	Ok,M
45	Z5002-02MS	P7028177.D	21 Oct 2008 5:15	LH	Ok,M
46	Z5002-02MSD	P7028178.D	21 Oct 2008 5:30	LH	Ok,M
47	Z4975-02 2X	P7028179.D	21 Oct 2008 5:44	LH	Ok,M
48	Z4975-03 2X	P7028180.D	21 Oct 2008 5:59	LH	Ok,M
49	Z4975-04 2X	P7028181.D	21 Oct 2008 6:14	LH	Ok,M
50	HEXANE	P7028182.D	21 Oct 2008 6:28	LH	Ok
51	HEXANE	P7028183.D	21 Oct 2008 6:43	LH	Ok
52	I.BLK	P7028184.D	21 Oct 2008 6:58	LH	Ok
53	STD 100	P7028185.D	21 Oct 2008 7:12	LH	Ok,M
54	Z4975-05 2X	P7028186.D	21 Oct 2008 7:27	LH	Ok
55	Z4975-06 2X	P7028187.D	21 Oct 2008 7:42	LH	Ok
56	Z4975-07 2X	P7028188.D	21 Oct 2008 7:56	LH	Ok
57	Z4975-08 2X	P7028189.D	21 Oct 2008 8:11	LH	Ok
58	Z4975-09 10X	P7028190.D	21 Oct 2008 8:26	LH	Ok,M
59	Z4975-10 10X	P7028191.D	21 Oct 2008 8:40	LH	Ok,M
60	Z4975-11	P7028192.D	21 Oct 2008 8:55	LH	Ok,M
61	Z4975-12 10X	P7028193.D	21 Oct 2008 9:10	LH	Ok,M

CHEMTECH

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	10/21/2008 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP7693	SubDirectory	P7102008
Internal Standard/PEM	GCS1510 (PEM)	HP Acquire Method	CLPNEWMOON.M
ICV/I.BLK	GCP7735	HP Processing Method	P7100608

Sr#	SampleId/DILF	Data File Name	Date-Time	Operator	Status
62	Z4975-13	P7028194.D	21 Oct 2008 9:24	LH	Ok
63	Z4975-14 10X	P7028195.D	21 Oct 2008 9:39	LH	Ok,M
64	I.BLK	P7028196.D	21 Oct 2008 9:54	LH	Not Ok
65	STD 100	P7028197.D	21 Oct 2008 10:09	LH	Not Ok
66	I.BLK	P7028198.D	21 Oct 2008 12:04	LH	Ok
67	STD 100	P7028199.D	21 Oct 2008 12:44	LH	Ok

CHEMTECH

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	10/21/2008 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP7693	SubDirectory	P7102008
Internal Standard/PEM	GCS1510 (PEM)	HP Acquire Method	CLPNEWMOON.M
ICV/I.BLK	GCP7735	HP Processing Method	P7100608

Sr#	SampleId/DILF	Data File Name	Comment	Status
1	I.BLK	P7028133.D		Ok
2	PEM	P7028134.D		Ok
3	STD 100	P7028135.D	Injection error.	Not Ok
4	STD 100	P7028136.D		Ok,M
5	PB37363BS	P7028137.D		Not Ok
6	PB37363BL	P7028138.D		Ok,M
7	PB37363TB	P7028139.D		Ok,M
8	PB37363BS	P7028140.D		Ok,M
9	PB37362BL	P7028141.D		Ok,M
10	PB37362BS	P7028142.D		Ok,M
11	Z5023-01	P7028143.D		Ok,M
12	Z4975-01 2X	P7028144.D		Ok,M
13	HEXANE	P7028145.D		Ok
14	HEXANE	P7028146.D		Ok
15	I.BLK	P7028147.D		Ok
16	STD 100	P7028148.D	Compound# 4 high in second column.	Ok,M
17	Z5023-03	P7028149.D		Ok,M
18	Z5024-01	P7028150.D		Ok,M
19	Z5024-03	P7028151.D		Ok,M
20	Z5006-02	P7028152.D		Ok
21	Z5007-02	P7028153.D		Ok,M

CHEMTECH

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	10/21/2008 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP7693	SubDirectory	P7102008
Internal Standard/PEM	GCS1510 (PEM)	HP Acquire Method	CLPNEWMOON.M
ICV/I.BLK	GCP7735	HP Processing Method	P7100608

Sr#	SampleId/DILF	Data File Name	Comment	Status
22	Z5008-02	P7028154.D		Ok
23	Z5009-02	P7028155.D		Ok,M
24	Z5010-02	P7028156.D		Ok,M
25	HEXANE	P7028157.D		Ok
26	HEXANE	P7028158.D		Ok
27	I.BLK	P7028159.D		Ok,M
28	STD 100	P7028160.D	Compound# 4 high in second column.	Ok,M
29	Z5018-01	P7028161.D		Ok,M
30	Z5006-02MS	P7028162.D		Ok,M
31	Z5006-02MSD	P7028163.D		Ok,M
32	Z5002-02	P7028164.D		Ok,M
33	Z5002-04 10X	P7028165.D		Ok,M
34	Z5002-05	P7028166.D		Ok,M
35	Z5006-01	P7028167.D		Ok,M
36	Z5007-01	P7028168.D		Ok,M
37	HEXANE	P7028169.D		Ok
38	HEXANE	P7028170.D		Ok
39	I.BLK	P7028171.D		Ok,M
40	PEM	P7028172.D		Ok,M
41	STD 100	P7028173.D	Compound# 4 high in second column.	Ok,M

CHEMTECH

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	10/21/2008 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP7693	SubDirectory	P7102008
Internal Standard/PEM	GCS1510 (PEM)	HP Acquire Method	CLPNEWMOON.M
ICV/I.BLK	GCP7735	HP Processing Method	P7100608

Sr#	SampleId/DILF	Data File Name	Comment	Status
42	Z5008-01	P7028174.D		Ok,M
43	Z5009-01 10X	P7028175.D		Ok,M
44	Z5010-01 10X	P7028176.D		Ok,M
45	Z5002-02MS	P7028177.D		Ok,M
46	Z5002-02MSD	P7028178.D		Ok,M
47	Z4975-02 2X	P7028179.D		Ok,M
48	Z4975-03 2X	P7028180.D		Ok,M
49	Z4975-04 2X	P7028181.D		Ok,M
50	HEXANE	P7028182.D		Ok
51	HEXANE	P7028183.D		Ok
52	I.BLK	P7028184.D		Ok
53	STD 100	P7028185.D	comp#4 high in 2nd col.	Ok,M
54	Z4975-05 2X	P7028186.D		Ok
55	Z4975-06 2X	P7028187.D		Ok
56	Z4975-07 2X	P7028188.D		Ok
57	Z4975-08 2X	P7028189.D		Ok
58	Z4975-09 10X	P7028190.D		Ok,M
59	Z4975-10 10X	P7028191.D		Ok,M
60	Z4975-11	P7028192.D		Ok,M
61	Z4975-12 10X	P7028193.D		Ok,M

CHEMTECH

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Instrument ID # ECD7

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	10/21/2008 12:00:00 AM
Tune/Reschk	N/A	Initial Calibration Stds	N/A
CCC	GCP7693	SubDirectory	P7102008
Internal Standard/PEM	GCS1510 (PEM)	HP Acquire Method	CLPNEWMOON.M
ICV/I.BLK	GCP7735	HP Processing Method	P7100608

Sr#	SampleId/DILF	Data File Name	Comment	Status
62	Z4975-13	P7028194.D	Need another run for Chlordane.	Ok
63	Z4975-14 10X	P7028195.D		Ok,M
64	I.BLK	P7028196.D		Not Ok
65	STD 100	P7028197.D	DDT low in both col.	Not Ok
66	I.BLK	P7028198.D	After cleanup.	Ok
67	STD 100	P7028199.D	Heptachlor high in 2nd col.	Ok

CHEMTECH

Manual Integration Report

Sequence	P5102008	Instrument	ECD_5

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
1660 100 PPB	P5022953.D	Aroclor-1016-5 #2	ugo	10/22/2008 11:37:47 PM	apatel	10/24/2008 6:50:35 PM	Peak Integrated by Software incorrectly
1660 100 PPB	P5022953.D	Aroclor-1260-2	ugo	10/22/2008 11:37:47 PM	apatel	10/24/2008 6:50:35 PM	Peak Integrated by Software incorrectly
1660 100 PPB	P5022953.D	Aroclor-1260-3	ugo	10/22/2008 11:37:47 PM	apatel	10/24/2008 6:50:35 PM	Peak Integrated by Software incorrectly
Z4932-06MS	P5022978.D	AR-1016-4	ugo	10/22/2008 11:38:34 PM	apatel	10/24/2008 6:50:08 PM	Peak Integrated by Software incorrectly
Z4932-06MS	P5022978.D	AR-1016-3 #2	ugo	10/22/2008 11:38:34 PM	apatel	10/24/2008 6:50:08 PM	Peak Integrated by Software incorrectly
Z4932-06MS	P5022978.D	AR-1260-2	ugo	10/22/2008 11:38:34 PM	apatel	10/24/2008 6:50:08 PM	Peak Integrated by Software incorrectly
Z4932-06MS	P5022978.D	AR-1260-4	ugo	10/22/2008 11:38:34 PM	apatel	10/24/2008 6:50:08 PM	Peak Integrated by Software incorrectly
Z4932-06MS	P5022978.D	Aroclor-1016-4	ugo	10/22/2008 11:38:34 PM	apatel	10/24/2008 6:50:08 PM	Peak Integrated by Software incorrectly
Z4932-06MS	P5022978.D	Aroclor-1016-1	ugo	10/22/2008 11:38:34 PM	apatel	10/24/2008 6:50:08 PM	Peak Integrated by Software incorrectly
Z4932-06MS	P5022978.D	Aroclor-1016-2	ugo	10/22/2008 11:38:34 PM	apatel	10/24/2008 6:50:08 PM	Peak Integrated by Software incorrectly
Z4932-06MS	P5022978.D	Aroclor-1016-5	ugo	10/22/2008 11:38:34 PM	apatel	10/24/2008 6:50:08 PM	Peak Integrated by Software incorrectly
Z4932-06MS	P5022978.D	Aroclor-1016-3 #2	ugo	10/22/2008 11:38:34 PM	apatel	10/24/2008 6:50:08 PM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P5102008	Instrument	ECD_5

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Z4932-06MS	P5022978.D	Aroclor-1016-4 #2	ugo	10/22/2008 11:38:34 PM	apatel	10/24/2008 6:50:08 PM	Peak Integrated by Software incorrectly
Z4932-06MS	P5022978.D	Aroclor-1260-2	ugo	10/22/2008 11:38:34 PM	apatel	10/24/2008 6:50:08 PM	Peak Integrated by Software incorrectly
Z4932-06MS	P5022978.D	Aroclor-1260-4	ugo	10/22/2008 11:38:34 PM	apatel	10/24/2008 6:50:08 PM	Peak Integrated by Software incorrectly
Z4932-06MS	P5022978.D	Aroclor-1260-1	ugo	10/22/2008 11:38:34 PM	apatel	10/24/2008 6:50:08 PM	Peak Integrated by Software incorrectly
Z4932-07MSD	P5022979.D	AR-1016-4	ugo	10/22/2008 11:38:43 PM	apatel	10/24/2008 6:50:03 PM	Peak Integrated by Software incorrectly
Z4932-07MSD	P5022979.D	AR-1016-3 #2	ugo	10/22/2008 11:38:43 PM	apatel	10/24/2008 6:50:03 PM	Peak Integrated by Software incorrectly
Z4932-07MSD	P5022979.D	AR-1260-2	ugo	10/22/2008 11:38:43 PM	apatel	10/24/2008 6:50:03 PM	Peak Integrated by Software incorrectly
Z4932-07MSD	P5022979.D	AR-1260-4	ugo	10/22/2008 11:38:43 PM	apatel	10/24/2008 6:50:03 PM	Peak Integrated by Software incorrectly
Z4932-07MSD	P5022979.D	Aroclor-1016-4	ugo	10/22/2008 11:38:43 PM	apatel	10/24/2008 6:50:03 PM	Peak Integrated by Software incorrectly
Z4932-07MSD	P5022979.D	Aroclor-1016-3	ugo	10/22/2008 11:38:43 PM	apatel	10/24/2008 6:50:03 PM	Peak Integrated by Software incorrectly
Z4932-07MSD	P5022979.D	Aroclor-1016-1	ugo	10/22/2008 11:38:43 PM	apatel	10/24/2008 6:50:03 PM	Peak Integrated by Software incorrectly
Z4932-07MSD	P5022979.D	Aroclor-1016-5	ugo	10/22/2008 11:38:43 PM	apatel	10/24/2008 6:50:03 PM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P5102008	Instrument	ECD_5

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Z4932-07MSD	P5022979.D	Aroclor-1016-3 #2	ugo	10/22/2008 11:38:43 PM	apatel	10/24/2008 6:50:03 PM	Peak Integrated by Software incorrectly
Z4932-07MSD	P5022979.D	Aroclor-1260-2	ugo	10/22/2008 11:38:43 PM	apatel	10/24/2008 6:50:03 PM	Peak Integrated by Software incorrectly
Z4932-07MSD	P5022979.D	Aroclor-1260-3	ugo	10/22/2008 11:38:43 PM	apatel	10/24/2008 6:50:03 PM	Peak Integrated by Software incorrectly
Z4932-07MSD	P5022979.D	Aroclor-1260-4	ugo	10/22/2008 11:38:43 PM	apatel	10/24/2008 6:50:03 PM	Peak Integrated by Software incorrectly
PB37179BS	P5022983.D	AR-1260-2	ugo	10/22/2008 11:38:52 PM	apatel	10/24/2008 6:49:48 PM	Peak Integrated by Software incorrectly
PB37179BS	P5022983.D	AR-1260-3	ugo	10/22/2008 11:38:52 PM	apatel	10/24/2008 6:49:48 PM	Peak Integrated by Software incorrectly
PB37179BS	P5022983.D	AR-1260-4	ugo	10/22/2008 11:38:52 PM	apatel	10/24/2008 6:49:48 PM	Peak Integrated by Software incorrectly
PB37179BS	P5022983.D	AR-1260-2 #2	ugo	10/22/2008 11:38:52 PM	apatel	10/24/2008 6:49:48 PM	Peak Integrated by Software incorrectly
PB37179BS	P5022983.D	AR-1016-4	ugo	10/22/2008 11:38:52 PM	apatel	10/24/2008 6:49:48 PM	Peak Integrated by Software incorrectly
PB37179BS	P5022983.D	AR-1016-1	ugo	10/22/2008 11:38:52 PM	apatel	10/24/2008 6:49:48 PM	Peak Integrated by Software incorrectly
PB37179BS	P5022983.D	AR-1016-2	ugo	10/22/2008 11:38:52 PM	apatel	10/24/2008 6:49:48 PM	Peak Integrated by Software incorrectly
PB37179BS	P5022983.D	AR-1016-5	ugo	10/22/2008 11:38:52 PM	apatel	10/24/2008 6:49:48 PM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P5102008	Instrument	ECD_5

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB37179BS	P5022983.D	Aroclor-1260-2 #2	ugo	10/22/2008 11:38:52 PM	apatel	10/24/2008 6:49:48 PM	Peak Integrated by Software incorrectly
PB37179BS	P5022983.D	Aroclor-1260-5 #2	ugo	10/22/2008 11:38:52 PM	apatel	10/24/2008 6:49:48 PM	Peak Integrated by Software incorrectly
PB37179BS	P5022983.D	Aroclor-1260-4 #2	ugo	10/22/2008 11:38:52 PM	apatel	10/24/2008 6:49:48 PM	Peak Integrated by Software incorrectly
Z4920-09MS	P5022993.D	AR-1260-2	birha	10/24/2008 5:59:22 PM	apatel	10/24/2008 6:49:41 PM	Incorrect baseline
Z4920-09MS	P5022993.D	AR-1260-3	birha	10/24/2008 5:59:22 PM	apatel	10/24/2008 6:49:41 PM	Incorrect baseline
Z4920-09MS	P5022993.D	AR-1260-1 #2	birha	10/24/2008 5:59:22 PM	apatel	10/24/2008 6:49:41 PM	Coaluation Of the peak
Z4920-09MS	P5022993.D	Aroclor-1016-1	birha	10/24/2008 5:59:22 PM	apatel	10/24/2008 6:49:41 PM	Peak Integrated by Software incorrectly
Z4920-09MS	P5022993.D	Aroclor-1016-2	birha	10/24/2008 5:59:22 PM	apatel	10/24/2008 6:49:41 PM	Peak Integrated by Software incorrectly
Z4920-09MS	P5022993.D	Aroclor-1016-5	birha	10/24/2008 5:59:22 PM	apatel	10/24/2008 6:49:41 PM	Peak Integrated by Software incorrectly
Z4920-09MS	P5022993.D	Aroclor-1016-1 #2	birha	10/24/2008 5:59:22 PM	apatel	10/24/2008 6:49:41 PM	Peak Integrated by Software incorrectly
Z4920-09MS	P5022993.D	Aroclor-1016-5 #2	birha	10/24/2008 5:59:22 PM	apatel	10/24/2008 6:49:41 PM	Peak Integrated by Software incorrectly
Z4920-09MS	P5022993.D	Aroclor-1016-4 #2	birha	10/24/2008 5:59:22 PM	apatel	10/24/2008 6:49:41 PM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P5102008	Instrument	ECD_5

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Z4920-09MS	P5022993.D	Aroclor-1016-3 #2	birha	10/24/2008 5:59:22 PM	apatel	10/24/2008 6:49:41 PM	Peak Integrated by Software incorrectly
Z4920-10MSD	P5022994.D	AR-1260-3	birha	10/24/2008 5:59:17 PM	apatel	10/24/2008 6:49:36 PM	Peak Integrated by Software incorrectly
Z4920-10MSD	P5022994.D	AR-1260-1 #2	birha	10/24/2008 5:59:17 PM	apatel	10/24/2008 6:49:36 PM	Coaluation Of the peak
Z4920-10MSD	P5022994.D	AR-1260-2 #2	birha	10/24/2008 5:59:17 PM	apatel	10/24/2008 6:49:36 PM	Incorrect baseline
Z4920-10MSD	P5022994.D	AR-1260-3 #2	birha	10/24/2008 5:59:17 PM	apatel	10/24/2008 6:49:36 PM	Coaluation Of the peak
Z4920-10MSD	P5022994.D	AR-1260-4 #2	birha	10/24/2008 5:59:17 PM	apatel	10/24/2008 6:49:36 PM	Incorrect baseline
Z4920-10MSD	P5022994.D	Aroclor-1260-2	birha	10/24/2008 5:59:17 PM	apatel	10/24/2008 6:49:36 PM	Peak Integrated by Software incorrectly
Z4920-10MSD	P5022994.D	Aroclor-1016-3	birha	10/24/2008 5:59:17 PM	apatel	10/24/2008 6:49:36 PM	Peak Integrated by Software incorrectly
Z4920-10MSD	P5022994.D	Aroclor-1016-4	birha	10/24/2008 5:59:17 PM	apatel	10/24/2008 6:49:36 PM	Peak Integrated by Software incorrectly
Z4920-10MSD	P5022994.D	Aroclor-1016-5	birha	10/24/2008 5:59:17 PM	apatel	10/24/2008 6:49:36 PM	Peak Integrated by Software incorrectly
Z4920-10MSD	P5022994.D	Aroclor-1016-1	birha	10/24/2008 5:59:17 PM	apatel	10/24/2008 6:49:36 PM	Peak Integrated by Software incorrectly
Z4920-10MSD	P5022994.D	Aroclor-1016-1 #2	birha	10/24/2008 5:59:17 PM	apatel	10/24/2008 6:49:36 PM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P5102008	Instrument	ECD_5

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Z4920-10MSD	P5022994.D	Aroclor-1016-5 #2	birha	10/24/2008 5:59:17 PM	apatel	10/24/2008 6:49:36 PM	Peak Integrated by Software incorrectly
Z4920-10MSD	P5022994.D	Aroclor-1016-4 #2	birha	10/24/2008 5:59:17 PM	apatel	10/24/2008 6:49:36 PM	Peak Integrated by Software incorrectly
Z4920-10MSD	P5022994.D	Aroclor-1016-2 #2	birha	10/24/2008 5:59:17 PM	apatel	10/24/2008 6:49:36 PM	Peak Integrated by Software incorrectly
Z4920-10MSD	P5022994.D	Aroclor-1260-3 #2	birha	10/24/2008 5:59:17 PM	apatel	10/24/2008 6:49:36 PM	Peak Integrated by Software incorrectly
Z4920-10MSD	P5022994.D	Aroclor-1260-4 #2	birha	10/24/2008 5:59:17 PM	apatel	10/24/2008 6:49:36 PM	Peak Integrated by Software incorrectly
Z4920-10MSD	P5022994.D	Aroclor-1260-5 #2	birha	10/24/2008 5:59:17 PM	apatel	10/24/2008 6:49:36 PM	Peak Integrated by Software incorrectly
Z4920-10MSD	P5022994.D	Aroclor-1260-1 #2	birha	10/24/2008 5:59:17 PM	apatel	10/24/2008 6:49:36 PM	Peak Integrated by Software incorrectly
Z4920-10MSD	P5022994.D	Aroclor-1260-1	birha	10/24/2008 5:59:17 PM	apatel	10/24/2008 6:49:36 PM	Peak Integrated by Software incorrectly
Z4920-10MSD	P5022994.D	Aroclor-1260-5	birha	10/24/2008 5:59:17 PM	apatel	10/24/2008 6:49:36 PM	Peak Integrated by Software incorrectly
Z4920-10MSD	P5022994.D	Aroclor-1260-3	birha	10/24/2008 5:59:17 PM	apatel	10/24/2008 6:49:36 PM	Peak Integrated by Software incorrectly
Z4920-10MSD	P5022994.D	Aroclor-1016-2	birha	10/24/2008 5:59:17 PM	apatel	10/24/2008 6:49:36 PM	Peak Integrated by Software incorrectly
1660 200 PPB	P5022954.D	AR-1016-4	ugo	10/22/2008 11:38:00 PM	apatel	10/24/2008 6:50:29 PM	Incorrect baseline

CHEMTECH

Manual Integration Report

Sequence	P5102008	Instrument	ECD_5

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
1660 200 PPB	P5022954.D	AR-1016-3	ugo	10/22/2008 11:38:00 PM	apatel	10/24/2008 6:50:29 PM	Incorrect baseline
1660 200 PPB	P5022954.D	AR-1260-4	ugo	10/22/2008 11:38:00 PM	apatel	10/24/2008 6:50:29 PM	Peak Integrated by Software incorrectly
1660 200 PPB	P5022954.D	Aroclor-1260-2	ugo	10/22/2008 11:38:00 PM	apatel	10/24/2008 6:50:29 PM	Peak Integrated by Software incorrectly
1221 400 PPB	P5022958.D	AR-1221-2	ugo	10/22/2008 11:38:10 PM	birha	10/24/2008 11:35:05 AM	Peak missed by the software
PB37221BS	P5022968.D	AR-1016-3	ugo	10/22/2008 11:38:24 PM	apatel	10/24/2008 6:50:16 PM	Coaluation Of the peak
PB37221BS	P5022968.D	AR-1016-4	ugo	10/22/2008 11:38:24 PM	apatel	10/24/2008 6:50:16 PM	Incorrect baseline
PB37221BS	P5022968.D	AR-1016-3 #2	ugo	10/22/2008 11:38:24 PM	apatel	10/24/2008 6:50:16 PM	Peak Integrated by Software incorrectly
PB37221BS	P5022968.D	Aroclor-1016-1	ugo	10/22/2008 11:38:24 PM	apatel	10/24/2008 6:50:16 PM	Peak Integrated by Software incorrectly
PB37221BS	P5022968.D	Aroclor-1016-3	ugo	10/22/2008 11:38:24 PM	apatel	10/24/2008 6:50:16 PM	Peak Integrated by Software incorrectly
PB37221BS	P5022968.D	Aroclor-1016-4	ugo	10/22/2008 11:38:24 PM	apatel	10/24/2008 6:50:16 PM	Peak Integrated by Software incorrectly
PB37221BS	P5022968.D	Aroclor-1016-1 #2	ugo	10/22/2008 11:38:24 PM	apatel	10/24/2008 6:50:16 PM	Peak Integrated by Software incorrectly
PB37221BS	P5022968.D	Aroclor-1260-2	ugo	10/22/2008 11:38:24 PM	apatel	10/24/2008 6:50:16 PM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P5102008	Instrument	ECD_5

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB37221BS	P5022968.D	Aroclor-1260-4	ugo	10/22/2008 11:38:24 PM	apatel	10/24/2008 6:50:16 PM	Peak Integrated by Software incorrectly
PB37221BS	P5022968.D	Aroclor-1260-1	ugo	10/22/2008 11:38:24 PM	apatel	10/24/2008 6:50:16 PM	Peak Integrated by Software incorrectly
PB37221BS	P5022968.D	Aroclor-1260-2 #2	ugo	10/22/2008 11:38:24 PM	apatel	10/24/2008 6:50:16 PM	Peak Integrated by Software incorrectly
PB37221BS	P5022968.D	Aroclor-1260-4 #2	ugo	10/22/2008 11:38:24 PM	apatel	10/24/2008 6:50:16 PM	Peak Integrated by Software incorrectly
PB37221BS	P5022968.D	Aroclor-1260-5 #2	ugo	10/22/2008 11:38:24 PM	apatel	10/24/2008 6:50:16 PM	Peak Integrated by Software incorrectly
Z4932-09	P5022972.D	Decachlorobiphenyl	birha	10/24/2008 5:59:48 PM	apatel	10/24/2008 6:50:12 PM	Peak Integrated by Software incorrectly
Z4932-09	P5022972.D	Decachlorobiphenyl #2	birha	10/24/2008 5:59:48 PM	apatel	10/24/2008 6:50:12 PM	Peak Integrated by Software incorrectly

CHEMTECH

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Instrument ID # ECD5

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	10/20/2008 12:00:00 AM
Tune/Reschk	NA	Initial Calibration Stds	GCP 7845- GCP 7855
CCC	GCP 7846	SubDirectory	P5102008
Internal Standard/PEM	NA	HP Acquire Method	PCB3
ICV/I.BLK	GCP 7818	HP Processing Method	P5102008

Sr#	SampleId/DILF	Data File Name	Date-Time	Operator	Status
1	I.BLK01	P5022952.D	20 Oct 2008 11:18	UA	Ok
2	1660 100 PPB	P5022953.D	20 Oct 2008 11:35	UA	Ok,M
3	1660 200 PPB	P5022954.D	20 Oct 2008 11:52	UA	Ok,M
4	1660 400 PPB	P5022955.D	20 Oct 2008 12:09	UA	Ok

5	1660 800 PPB	P5022956.D	20 Oct 2008 12:26	UA	Ok
6	1660 1600 PPB	P5022957.D	20 Oct 2008 12:44	UA	Ok
7	1221 400 PPB	P5022958.D	20 Oct 2008 14:29	UA	Ok,M
8	1232 400 PPB	P5022959.D	20 Oct 2008 14:46	UA	Ok
9	1242 400 PPB	P5022960.D	20 Oct 2008 15:03	UA	Ok
10	1248 400 PPB	P5022961.D	20 Oct 2008 15:21	UA	Ok
11	1254 400 PPB	P5022962.D	20 Oct 2008 15:38	UA	Ok
12	1262 400 PPB	P5022963.D	20 Oct 2008 15:55	UA	Ok
13	1268 400 PPB	P5022964.D	20 Oct 2008 16:12	UA	Ok
14	I.BLK02	P5022965.D	20 Oct 2008 16:29	UA	Ok
15	1660 400 CCV01	P5022966.D	20 Oct 2008 16:47	UA	Ok
16	PB37221BL	P5022967.D	20 Oct 2008 17:21	UA	Ok
17	PB37221BS	P5022968.D	20 Oct 2008 17:38	UA	Ok,M
18	Z4932-04	P5022969.D	20 Oct 2008 18:33	UA	Ok
19	Z4932-05	P5022970.D	20 Oct 2008 18:54	UA	Ok
20	Z4932-08	P5022971.D	20 Oct 2008 19:12	UA	Ok
21	Z4932-09	P5022972.D	20 Oct 2008 19:29	UA	Ok,M

CHEMTECH

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Instrument ID # ECD5

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	10/20/2008 12:00:00 AM
Tune/Reschk	NA	Initial Calibration Stds	GCP 7845- GCP 7855
CCC	GCP 7846	SubDirectory	P5102008
Internal Standard/PEM	NA	HP Acquire Method	PCB3
ICV/I.BLK	GCP 7818	HP Processing Method	P5102008

Sr#	SampleId/DILF	Data File Name	Date-Time	Operator	Status
22	Z4932-10	P5022973.D	20 Oct 2008 19:46	UA	Ok
23	Z4932-11	P5022974.D	20 Oct 2008 20:03	UA	Ok
24	Z4932-12	P5022975.D	20 Oct 2008 20:21	UA	Ok
25	Z4932-13	P5022976.D	20 Oct 2008 20:38	UA	Ok
26	Z4932-14	P5022977.D	20 Oct 2008 20:57	UA	Ok
27	Z4932-06MS	P5022978.D	20 Oct 2008 21:14	UA	Ok,M
28	Z4932-07MSD	P5022979.D	20 Oct 2008 21:32	UA	Ok,M
29	I.BLK03	P5022980.D	20 Oct 2008 21:49	UA	Ok
30	1660 400 CCV02	P5022981.D	20 Oct 2008 22:06	UA	Ok
31	PB37179BL	P5022982.D	20 Oct 2008 22:23	UA	Ok
32	PB37179BS	P5022983.D	20 Oct 2008 22:40	UA	Ok,M
33	Z4920-03	P5022984.D	20 Oct 2008 22:57	UA	Ok
34	Z4920-04	P5022985.D	20 Oct 2008 23:14	UA	Ok
35	Z4920-05	P5022986.D	20 Oct 2008 23:32	UA	Ok
36	Z4920-06	P5022987.D	20 Oct 2008 23:49	UA	Ok
37	Z4920-07	P5022988.D	21 Oct 2008 00:06	UA	Ok
38	Z4920-08	P5022989.D	21 Oct 2008 00:23	UA	Ok
39	Z4920-11	P5022990.D	21 Oct 2008 00:40	UA	Ok
40	Z4920-12	P5022991.D	21 Oct 2008 00:57	UA	Ok
41	Z4920-13	P5022992.D	21 Oct 2008 1:14	UA	Ok

CHEMTECH

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Instrument ID # ECD5

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	10/20/2008 12:00:00 AM
Tune/Reschk	NA	Initial Calibration Stds	GCP 7845- GCP 7855
CCC	GCP 7846	SubDirectory	P5102008
Internal Standard/PEM	NA	HP Acquire Method	PCB3
ICV/I.BLK	GCP 7818	HP Processing Method	P5102008

Sr#	SampleId/DILF	Data File Name	Date-Time	Operator	Status
42	Z4920-09MS	P5022993.D	21 Oct 2008 1:32	UA	Ok,M
43	Z4920-10MSD	P5022994.D	21 Oct 2008 1:49	UA	Ok,M
44	I.BLK04	P5022995.D	21 Oct 2008 2:06	UA	Ok
45	1660 400 CCV03	P5022996.D	21 Oct 2008 2:23	UA	Ok

CHEMTECH

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Instrument ID # ECD5

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	10/20/2008 12:00:00 AM
Tune/Reschk	NA	Initial Calibration Stds	GCP 7845- GCP 7855
CCC	GCP 7846	SubDirectory	P5102008
Internal Standard/PEM	NA	HP Acquire Method	PCB3
ICV/I.BLK	GCP 7818	HP Processing Method	P5102008

Sr#	SampleId/DILF	Data File Name	Comment	Status
1	I.BLK01	P5022952.D		Ok
2	1660 100 PPB	P5022953.D		Ok,M
3	1660 200 PPB	P5022954.D		Ok,M
4	1660 400 PPB	P5022955.D		Ok
5	1660 800 PPB	P5022956.D		Ok
6	1660 1600 PPB	P5022957.D		Ok
7	1221 400 PPB	P5022958.D		Ok,M
8	1232 400 PPB	P5022959.D		Ok
9	1242 400 PPB	P5022960.D		Ok
10	1248 400 PPB	P5022961.D		Ok
11	1254 400 PPB	P5022962.D		Ok
12	1262 400 PPB	P5022963.D		Ok
13	1268 400 PPB	P5022964.D		Ok
14	I.BLK02	P5022965.D		Ok
15	1660 400 CCV01	P5022966.D		Ok
16	PB37221BL	P5022967.D		Ok
17	PB37221BS	P5022968.D		Ok,M
18	Z4932-04	P5022969.D		Ok
19	Z4932-05	P5022970.D		Ok
20	Z4932-08	P5022971.D		Ok
21	Z4932-09	P5022972.D		Ok,M

CHEMTECH

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Instrument ID # ECD5

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	10/20/2008 12:00:00 AM
Tune/Reschk	NA	Initial Calibration Stds	GCP 7845- GCP 7855
CCC	GCP 7846	SubDirectory	P5102008
Internal Standard/PEM	NA	HP Acquire Method	PCB3
ICV/I.BLK	GCP 7818	HP Processing Method	P5102008

Sr#	SampleId/DILF	Data File Name	Comment	Status
22	Z4932-10	P5022973.D		Ok
23	Z4932-11	P5022974.D		Ok
24	Z4932-12	P5022975.D		Ok
25	Z4932-13	P5022976.D		Ok
26	Z4932-14	P5022977.D		Ok
27	Z4932-06MS	P5022978.D		Ok,M
28	Z4932-07MSD	P5022979.D		Ok,M
29	I.BLK03	P5022980.D		Ok
30	1660 400 CCV02	P5022981.D		Ok
31	PB37179BL	P5022982.D		Ok
32	PB37179BS	P5022983.D		Ok,M
33	Z4920-03	P5022984.D		Ok
34	Z4920-04	P5022985.D		Ok
35	Z4920-05	P5022986.D		Ok
36	Z4920-06	P5022987.D		Ok
37	Z4920-07	P5022988.D		Ok
38	Z4920-08	P5022989.D		Ok
39	Z4920-11	P5022990.D		Ok
40	Z4920-12	P5022991.D		Ok
41	Z4920-13	P5022992.D		Ok

CHEMTECH

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Instrument ID # ECD5

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	ugo	Review On	10/20/2008 12:00:00 AM
Tune/Reschk	NA	Initial Calibration Stds	GCP 7845- GCP 7855
CCC	GCP 7846	SubDirectory	P5102008
Internal Standard/PEM	NA	HP Acquire Method	PCB3
ICV/I.BLK	GCP 7818	HP Processing Method	P5102008

Sr#	SampleId/DILF	Data File Name	Comment	Status
42	Z4920-09MS	P5022993.D		Ok,M
43	Z4920-10MSD	P5022994.D		Ok,M
44	I.BLK04	P5022995.D		Ok
45	1660 400 CCV03	P5022996.D		Ok

CHEMTECH

Manual Integration Report

Sequence	P5102208	Instrument	ECD_5

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Z4923-03MS	P5023036.D	Aroclor-1016-5 #2	ugo	10/22/2008 10:54:45 PM	birha	10/24/2008 5:57:33 PM	Peak Integrated by Software incorrectly
Z4923-03MS	P5023036.D	Aroclor-1016-2 #2	ugo	10/22/2008 10:54:45 PM	birha	10/24/2008 5:57:33 PM	Peak Integrated by Software incorrectly
Z4923-03MS	P5023036.D	Aroclor-1260-2	ugo	10/22/2008 10:54:45 PM	birha	10/24/2008 5:57:33 PM	Peak Integrated by Software incorrectly
Z4923-03MS	P5023036.D	Aroclor-1260-4	ugo	10/22/2008 10:54:45 PM	birha	10/24/2008 5:57:33 PM	Peak Integrated by Software incorrectly
Z4923-03MS	P5023036.D	Aroclor-1260-5	ugo	10/22/2008 10:54:45 PM	birha	10/24/2008 5:57:33 PM	Peak Integrated by Software incorrectly
Z4923-03MS	P5023036.D	Aroclor-1260-4 #2	ugo	10/22/2008 10:54:45 PM	birha	10/24/2008 5:57:33 PM	Peak Integrated by Software incorrectly
Z4923-03MS	P5023036.D	Aroclor-1260-1	ugo	10/22/2008 10:54:45 PM	birha	10/24/2008 5:57:33 PM	Peak Integrated by Software incorrectly
Z4923-03MS	P5023036.D	Aroclor-1260-1 #2	ugo	10/22/2008 10:54:45 PM	birha	10/24/2008 5:57:33 PM	Peak Integrated by Software incorrectly
Z4923-03MSD	P5023037.D	AR-1016-2	ugo	10/22/2008 10:55:02 PM	birha	10/24/2008 5:57:27 PM	Peak Integrated by Software incorrectly
Z4923-03MSD	P5023037.D	AR-1016-1	ugo	10/22/2008 10:55:02 PM	birha	10/24/2008 5:57:27 PM	Peak Integrated by Software incorrectly
Z4923-03MSD	P5023037.D	AR-1016-4	ugo	10/22/2008 10:55:02 PM	birha	10/24/2008 5:57:27 PM	Peak Integrated by Software incorrectly
Z4923-03MSD	P5023037.D	AR-1016-3	ugo	10/22/2008 10:55:02 PM	birha	10/24/2008 5:57:27 PM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P5102208	Instrument	ECD_5

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Z4923-03MSD	P5023037.D	Aroclor-1260-1 #2	ugo	10/22/2008 10:55:02 PM	birha	10/24/2008 5:57:27 PM	Peak Integrated by Software incorrectly
Z4923-03MSD	P5023037.D	Aroclor-1260-2	ugo	10/22/2008 10:55:02 PM	birha	10/24/2008 5:57:27 PM	Peak Integrated by Software incorrectly
Z4923-03MSD	P5023037.D	Aroclor-1260-4	ugo	10/22/2008 10:55:02 PM	birha	10/24/2008 5:57:27 PM	Peak Integrated by Software incorrectly
Z4923-03MSD	P5023037.D	Aroclor-1260-4 #2	ugo	10/22/2008 10:55:02 PM	birha	10/24/2008 5:57:27 PM	Peak Integrated by Software incorrectly
Z4923-03MSD	P5023037.D	Aroclor-1260-5	ugo	10/22/2008 10:55:02 PM	birha	10/24/2008 5:57:27 PM	Peak Integrated by Software incorrectly
Z4923-03MSD	P5023037.D	Aroclor-1260-5 #2	ugo	10/22/2008 10:55:02 PM	birha	10/24/2008 5:57:27 PM	Peak Integrated by Software incorrectly
Z4923-03MSD	P5023037.D	Aroclor-1260-1	ugo	10/22/2008 10:55:02 PM	birha	10/24/2008 5:57:27 PM	Peak Integrated by Software incorrectly
Z4923-03MSD	P5023037.D	Aroclor-1016-1	ugo	10/22/2008 10:55:02 PM	birha	10/24/2008 5:57:27 PM	Peak Integrated by Software incorrectly
Z4923-03MSD	P5023037.D	Aroclor-1016-2	ugo	10/22/2008 10:55:02 PM	birha	10/24/2008 5:57:27 PM	Peak Integrated by Software incorrectly
Z4923-03MSD	P5023037.D	Aroclor-1016-3	ugo	10/22/2008 10:55:02 PM	birha	10/24/2008 5:57:27 PM	Peak Integrated by Software incorrectly
Z4923-03MSD	P5023037.D	Aroclor-1016-4	ugo	10/22/2008 10:55:02 PM	birha	10/24/2008 5:57:27 PM	Peak Integrated by Software incorrectly
Z4923-03MSD	P5023037.D	Aroclor-1016-5	ugo	10/22/2008 10:55:02 PM	birha	10/24/2008 5:57:27 PM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P5102208	Instrument	ECD_5

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB37175BS	P5023039.D	AR-1016-4	ugo	10/22/2008 10:54:55 PM	birha	10/24/2008 5:57:22 PM	Peak Integrated by Software incorrectly
PB37175BS	P5023039.D	Aroclor-1016-4	ugo	10/22/2008 10:54:55 PM	birha	10/24/2008 5:57:22 PM	Peak Integrated by Software incorrectly
PB37175BS	P5023039.D	Aroclor-1260-2	ugo	10/22/2008 10:54:55 PM	birha	10/24/2008 5:57:22 PM	Peak Integrated by Software incorrectly
PB37175BS	P5023039.D	Aroclor-1260-4	ugo	10/22/2008 10:54:55 PM	birha	10/24/2008 5:57:22 PM	Peak Integrated by Software incorrectly
PB37175BS	P5023039.D	Aroclor-1260-5	ugo	10/22/2008 10:54:55 PM	birha	10/24/2008 5:57:22 PM	Peak Integrated by Software incorrectly
PB37175BS	P5023039.D	Aroclor-1260-2 #2	ugo	10/22/2008 10:54:55 PM	birha	10/24/2008 5:57:22 PM	Peak Integrated by Software incorrectly
PB37175BS	P5023039.D	Aroclor-1260-3 #2	ugo	10/22/2008 10:54:55 PM	birha	10/24/2008 5:57:22 PM	Peak Integrated by Software incorrectly
PB37175BS	P5023039.D	Aroclor-1260-4 #2	ugo	10/22/2008 10:54:55 PM	birha	10/24/2008 5:57:22 PM	Peak Integrated by Software incorrectly
PB37315BS	P5023049.D	AR-1260-2	bharat	10/23/2008 7:20:13 AM	birha	10/24/2008 5:57:17 PM	Peak Integrated by Software incorrectly
PB37315BS	P5023049.D	AR-1260-3	bharat	10/23/2008 7:20:13 AM	birha	10/24/2008 5:57:17 PM	Peak Integrated by Software incorrectly
PB37315BS	P5023049.D	Aroclor-1260-2	bharat	10/23/2008 7:20:13 AM	birha	10/24/2008 5:57:17 PM	Peak Integrated by Software incorrectly
PB37315BS	P5023049.D	Aroclor-1260-2 #2	bharat	10/23/2008 7:20:13 AM	birha	10/24/2008 5:57:17 PM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P5102208	Instrument	ECD_5

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB37315BS	P5023049.D	Aroclor-1260-5 #2	bharat	10/23/2008 7:20:13 AM	birha	10/24/2008 5:57:17 PM	Peak Integrated by Software incorrectly
PB37315BS	P5023049.D	Aroclor-1260-4 #2	bharat	10/23/2008 7:20:13 AM	birha	10/24/2008 5:57:17 PM	Peak Integrated by Software incorrectly
PB37315BS	P5023049.D	Aroclor-1016-1	bharat	10/23/2008 7:20:13 AM	birha	10/24/2008 5:57:17 PM	Peak Integrated by Software incorrectly
PB37315BS	P5023049.D	Aroclor-1016-4	bharat	10/23/2008 7:20:13 AM	birha	10/24/2008 5:57:17 PM	Peak Integrated by Software incorrectly
PB37315BS	P5023049.D	Aroclor-1016-3	bharat	10/23/2008 7:20:13 AM	birha	10/24/2008 5:57:17 PM	Peak Integrated by Software incorrectly
PB37315BS	P5023049.D	Aroclor-1016-1 #2	bharat	10/23/2008 7:20:13 AM	birha	10/24/2008 5:57:17 PM	Peak Integrated by Software incorrectly
PB37315BS	P5023049.D	Aroclor-1016-3 #2	bharat	10/23/2008 7:20:13 AM	birha	10/24/2008 5:57:17 PM	Peak Integrated by Software incorrectly
I.BLK05	P5023055.D	Decachlorobiphenyl	bharat	10/23/2008 10:09:43 AM	birha	10/24/2008 11:36:34 AM	Peak Integrated by Software incorrectly
1660 400 CCV05	P5023056.D	AR-1260-2	bharat	10/23/2008 10:09:38 AM	birha	10/24/2008 11:36:30 AM	Peak Integrated by Software incorrectly
1660 400 CCV05	P5023056.D	AR-1260-3	bharat	10/23/2008 10:09:38 AM	birha	10/24/2008 11:36:30 AM	Peak Integrated by Software incorrectly
1660 400 CCV05	P5023056.D	AR-1260-5 #2	bharat	10/23/2008 10:09:38 AM	birha	10/24/2008 11:36:30 AM	Peak Integrated by Software incorrectly
1660 400 CCV05	P5023056.D	AR-1260-4 #2	bharat	10/23/2008 10:09:38 AM	birha	10/24/2008 11:36:30 AM	Peak Integrated by Software incorrectly

CHEMTECH

Manual Integration Report

Sequence	P5102208	Instrument	ECD_5

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
1660 400 CCV01	P5023011.D	AR-1260-2	ugo	10/22/2008 10:54:21 PM	birha	10/24/2008 11:35:51 AM	Incorrect baseline
1660 400 CCV01	P5023011.D	AR-1260-5	ugo	10/22/2008 10:54:21 PM	birha	10/24/2008 11:35:51 AM	Incorrect baseline
PB37178BS	P5023013.D	AR-1260-2	ugo	10/22/2008 10:54:32 PM	birha	10/24/2008 11:35:46 AM	Peak Integrated by Software incorrectly

CHEMTECH

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Instrument ID # ECD5

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	birha	Review On	10/24/2008 12:00:00 AM
Tune/Reschk	NA	Initial Calibration Stds	NA
CCC	GCP 7846	SubDirectory	P5102208
Internal Standard/PEM	NA	HP Acquire Method	PCB3
ICV/I.BLK	GCP 7818	HP Processing Method	P5102008

Sr#	SampleId/DILF	Data File Name	Date-Time	Operator	Status
1	HEXANE	P5023008.D	22 Oct 2008 10:26	UA	Ok
2	HEXANE	P5023009.D	22 Oct 2008 10:43	UA	Ok
3	I.BLK01	P5023010.D	22 Oct 2008 11:00	UA	Ok
4	1660 400 CCV01	P5023011.D	22 Oct 2008 11:18	UA	Ok,M
5	PB37178BL	P5023012.D	22 Oct 2008 12:08	UA	Ok
6	PB37178BS	P5023013.D	22 Oct 2008 12:25	UA	Ok,M
7	Z4923-01	P5023014.D	22 Oct 2008 12:43	UA	Ok
8	Z4923-02	P5023015.D	22 Oct 2008 13:00	UA	Ok
9	Z4923-03	P5023016.D	22 Oct 2008 13:17	UA	Ok
10	Z4923-04	P5023017.D	22 Oct 2008 13:34	UA	Ok
11	Z4923-05	P5023018.D	22 Oct 2008 13:51	UA	Ok
12	Z4923-06	P5023019.D	22 Oct 2008 14:09	UA	Ok
13	Z4923-07	P5023020.D	22 Oct 2008 14:26	UA	Ok
14	HEXANE	P5023021.D	22 Oct 2008 14:43	UA	Ok

15	I.BLK02	P5023022.D	22 Oct 2008 15:00	UA	Ok
16	1660 400 CCV02	P5023023.D	22 Oct 2008 15:17	UA	Ok
17	Z4923-08	P5023024.D	22 Oct 2008 15:34	UA	Ok
18	Z4923-09	P5023025.D	22 Oct 2008 15:51	UA	Ok
19	Z4923-10	P5023026.D	22 Oct 2008 16:09	UA	Ok
20	Z4923-11	P5023027.D	22 Oct 2008 16:26	UA	Ok
21	Z4923-12	P5023028.D	22 Oct 2008 16:43	UA	Ok

CHEMTECH

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Instrument ID # ECD5

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	birha	Review On	10/24/2008 12:00:00 AM
Tune/Reschk	NA	Initial Calibration Stds	NA
CCC	GCP 7846	SubDirectory	P5102208
Internal Standard/PEM	NA	HP Acquire Method	PCB3
ICV/I.BLK	GCP 7818	HP Processing Method	P5102008

Sr#	SampleId/DILF	Data File Name	Date-Time	Operator	Status
22	Z4923-13	P5023029.D	22 Oct 2008 17:00	UA	Ok
23	Z4923-14	P5023030.D	22 Oct 2008 17:17	UA	Ok
24	Z4923-15	P5023031.D	22 Oct 2008 17:34	UA	Ok
25	Z4923-16	P5023032.D	22 Oct 2008 17:51	UA	Ok
26	HEXANE	P5023033.D	22 Oct 2008 18:08	UA	Ok
27	I.BLK03	P5023034.D	22 Oct 2008 18:26	UA	Ok
28	1660 400 CCV03	P5023035.D	22 Oct 2008 18:43	UA	Ok
29	Z4923-03MS	P5023036.D	22 Oct 2008 19:00	UA	Ok,M
30	Z4923-03MSD	P5023037.D	22 Oct 2008 19:17	UA	Ok,M
31	PB37175BL	P5023038.D	22 Oct 2008 19:34	UA	Ok
32	PB37175BS	P5023039.D	22 Oct 2008 19:51	UA	Ok,M
33	Z4920-01	P5023040.D	22 Oct 2008 20:08	UA	Ok
34	Z4923-17	P5023041.D	22 Oct 2008 20:25	UA	Ok
35	Z4923-18	P5023042.D	22 Oct 2008 20:43	UA	Ok
36	Z4923-19	P5023043.D	22 Oct 2008 21:00	UA	Ok
37	Z4932-02	P5023044.D	22 Oct 2008 21:17	UA	Ok
38	Z4932-03	P5023045.D	22 Oct 2008 21:34	UA	Ok
39	I.BLK04	P5023046.D	22 Oct 2008 21:51	UA	Ok
40	1660 400 CCV04	P5023047.D	22 Oct 2008 22:08	UA	Ok
41	PB37315BL	P5023048.D	22 Oct 2008 22:26	UA	Ok

CHEMTECH

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Instrument ID # ECD5

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	birha	Review On	10/24/2008 12:00:00 AM
Tune/Reschk	NA	Initial Calibration Stds	NA
CCC	GCP 7846	SubDirectory	P5102208
Internal Standard/PEM	NA	HP Acquire Method	PCB3
ICV/I.BLK	GCP 7818	HP Processing Method	P5102008

Sr#	SampleId/DILF	Data File Name	Date-Time	Operator	Status
42	PB37315BS	P5023049.D	22 Oct 2008 22:43	UA	Ok,M
43	Z4983-01	P5023050.D	22 Oct 2008 23:00	UA	Ok
44	Z4983-02	P5023051.D	22 Oct 2008 23:17	UA	Ok
45	Z4983-03	P5023052.D	22 Oct 2008 23:34	UA	Ok
46	Z4983-04	P5023053.D	22 Oct 2008 23:51	UA	Ok
47	I.BLK05	P5023055.D	23 Oct 2008 9:00	UA	Ok,M
48	1660 400 CCV05	P5023056.D	23 Oct 2008 9:17	UA	Ok,M

CHEMTECH

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Instrument ID # ECD5

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	birha	Review On	10/24/2008 12:00:00 AM
Tune/Reschk	NA	Initial Calibration Stds	NA
CCC	GCP 7846	SubDirectory	P5102208
Internal Standard/PEM	NA	HP Acquire Method	PCB3
ICV/I.BLK	GCP 7818	HP Processing Method	P5102008

Sr#	SampleId/DILF	Data File Name	Comment	Status
1	HEXANE	P5023008.D		Ok
2	HEXANE	P5023009.D		Ok
3	I.BLK01	P5023010.D		Ok
4	1660 400 CCV01	P5023011.D		Ok,M
5	PB37178BL	P5023012.D		Ok
6	PB37178BS	P5023013.D		Ok,M
7	Z4923-01	P5023014.D		Ok
8	Z4923-02	P5023015.D		Ok
9	Z4923-03	P5023016.D		Ok
10	Z4923-04	P5023017.D		Ok
11	Z4923-05	P5023018.D		Ok
12	Z4923-06	P5023019.D		Ok
13	Z4923-07	P5023020.D		Ok
14	HEXANE	P5023021.D		Ok
15	I.BLK02	P5023022.D		Ok
16	1660 400 CCV02	P5023023.D		Ok
17	Z4923-08	P5023024.D		Ok
18	Z4923-09	P5023025.D		Ok
19	Z4923-10	P5023026.D		Ok
20	Z4923-11	P5023027.D		Ok
21	Z4923-12	P5023028.D		Ok

CHEMTECH

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Instrument ID # ECD5

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	birha	Review On	10/24/2008 12:00:00 AM
Tune/Reschk	NA	Initial Calibration Stds	NA
CCC	GCP 7846	SubDirectory	P5102208
Internal Standard/PEM	NA	HP Acquire Method	PCB3
ICV/I.BLK	GCP 7818	HP Processing Method	P5102008

Sr#	SampleId/DILF	Data File Name	Comment	Status
22	Z4923-13	P5023029.D		Ok
23	Z4923-14	P5023030.D		Ok
24	Z4923-15	P5023031.D		Ok
25	Z4923-16	P5023032.D		Ok
26	HEXANE	P5023033.D		Ok
27	I.BLK03	P5023034.D		Ok
28	1660 400 CCV03	P5023035.D		Ok
29	Z4923-03MS	P5023036.D	3 pks used for AR 1260	Ok,M
30	Z4923-03MSD	P5023037.D	3 pks used for AR 1260	Ok,M
31	PB37175BL	P5023038.D		Ok
32	PB37175BS	P5023039.D		Ok,M
33	Z4920-01	P5023040.D		Ok
34	Z4923-17	P5023041.D		Ok
35	Z4923-18	P5023042.D		Ok
36	Z4923-19	P5023043.D		Ok
37	Z4932-02	P5023044.D		Ok
38	Z4932-03	P5023045.D		Ok
39	I.BLK04	P5023046.D		Ok
40	1660 400 CCV04	P5023047.D		Ok
41	PB37315BL	P5023048.D		Ok

CHEMTECH

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Instrument ID # ECD5

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	birha	Review On	10/24/2008 12:00:00 AM
Tune/Reschk	NA	Initial Calibration Stds	NA
CCC	GCP 7846	SubDirectory	P5102208
Internal Standard/PEM	NA	HP Acquire Method	PCB3
ICV/I.BLK	GCP 7818	HP Processing Method	P5102008

Sr#	SampleId/DILF	Data File Name	Comment	Status
42	PB37315BS	P5023049.D		Ok,M
43	Z4983-01	P5023050.D		Ok
44	Z4983-02	P5023051.D		Ok
45	Z4983-03	P5023052.D		Ok
46	Z4983-04	P5023053.D		Ok
47	I.BLK05	P5023055.D		Ok,M
48	1660 400 CCV05	P5023056.D		Ok,M

CHEMTECH

QC: LB40851

PERCENT SOLIDS

ANALYST: [illegible]
DATE: 10/14/08

Lab ID	Client ID	Dish #	Dish Weight (g)	Dish Wt.+ Sample (g)	Dish Wt.+ Dry Sample (g)	% Solids
Z4930-03	C2[0-1.35]	35	1.16	8.55	5.04	52.6
Z4930-04	C2[0-1.35]	36	1.17	8.75	7.33	81.3
Z4930-05	D4[0-1.35]	37	1.18	8.69	3.32	28.5
Z4930-06	D4[0-1.35]	38	1.18	8.81	2.52	17.6
Z4930-07	D4[1.35-2.7]	39	1.18	8.25	3.23	29.0
Z4930-08	D4[1.35-2.7]	40	1.17	9	3.36	28.0
Z4930-09	D4[1.35-2.7]DUP	41	1.18	9.16	3.84	33.4
Z4930-10	D4[1.35-2.7]DUP	42	1.17	8.73	3.04	24.8
Z4930-11	D4[2.7-4.05]	43	1.17	8.56	3	24.8
Z4930-12	D4[2.7-4.05]	44	1.15	8.67	3.7	34.0
Z4930-13	D7[1.35-2.7]	45	1.19	8.93	7.14	76.9
Z4930-14	D7[1.35-2.7]	46	1.2	8.46	7.12	81.6
Z4930-15	D7[2.7-4.05]	47	1.16	8.63	6.04	65.4
Z4930-16	D7[2.7-4.05]	48	1.18	8.84	7.09	77.2
Z4930-17	D8[0-1.35]	49	1.19	8.64	4.72	47.4
Z4930-18	D8[0-1.35]	50	1.18	9.19	6.18	62.5
Z4930-19	D8[1.35-2.7]	51	1.18	8.41	4.99	52.7
Z4930-20	D8[1.35-2.7]	52	1.19	8.57	5.2	54.4
Z4930-21	D8[2.7-4.05]	53	1.19	8.47	6.03	66.5
Z4930-22	D8[2.7-4.05]	54	1.19	8.75	6.11	65.1
Z4930-23	D8[4.05-5.4]	55	1.16	8.67	6.61	72.6
Z4930-24	D8[4.05-5.4]	56	1.17	8.88	5.26	53.1
Z4932-04	DUP	57	1.16	8.92	5.41	54.8
Z4932-05	SED1	58	1.19	8.73	4.17	39.6
Z4932-06	Z4932-05MS	59	NR	NR	NR	NR
Z4932-07	Z4932-05MSD	60	NR	NR	NR	NR
Z4932-08	SED2	61	1.19	9.06	4.58	43.1
Z4932-09	SED3	62	1.18	8.95	4.52	43.0
Z4932-10	SED4	63	1.2	9.12	7.16	75.3
Z4932-11	SED5	64	1.19	9	7.51	81.0
Z4932-12	SED6	65	1.16	9.03	7.19	76.7
Z4932-13	SED7	66	1.19	8.74	6.85	75.0
Z4932-14	SED8	67	1.17	8.74	7.15	79.0
Z4937-01	SB-17[5.9-6.3]	68	1.18	8.96	7.73	84.2

OVEN TEMP: 106°C
TIME IN: 10/13/08 6:30 PM [illegible]
TIME OUT: 10/14/08 11:30 AM "

CHEMTECH

QC: LB40851

PERCENT SOLIDS

ANALYST: RDM
DATE: 10/14/08

Lab ID	Client ID	Dish #	Dish Weight (g)	Dish Wt.+ Sample (g)	Dish Wt.+ Dry Sample (g)	% Solids
Z4937-02	SB-17[6.4-6.9]	69	1.18	8.96	7.48	81.0
Z4937-03	SB-18[4.3-4.8]	70	1.18	8.83	7.46	82.1
Z4937-04	SB-18[5.0-6.0]	71	1.17	8.6	6.95	77.8
Z4937-05	Z4937-04MS	72	NR	NR	NR	NR
Z4937-06	Z4937-04MSD	73	NR	NR	NR	NR
Z4937-07	SB-19[2.6-3.1]	74	1.18	8.47	6.18	68.6
Z4937-08	SB-19[5.0-5.5]	75	1.16	8.44	7.12	81.9
Z4937-09	SB-16[4.0-4.5]	76	1.17	8.87	7.48	82.0
Z4937-10	SB-16[5.0-5.5]	77	1.17	8.6	7.31	82.7
Z4937-11	SB-20[5.0-5.5]	78	1.17	8.66	6.21	67.3
Z4937-12	SB-20[6.5-7.0]	79	1.18	8.67	7.31	81.9
Z4937-13	SB-22[5.5-6.0]	80	1.17	8.65	5.02	51.5
Z4937-14	SB-22[8.5-9.0]	81	1.18	8.92	7.56	82.5
Z4937-15	SB-24[5.0-5.5]	82	1.19	8.81	7.29	80.1
Z4937-16	SB-25[4.0-4.5]	83	1.18	8.95	7.02	75.2
Z4937-17	SB-25[6.0-6.5]	84	1.19	8.85	7.3	79.8
Z4937-18	SB-26[5.5-6.0]	85	1.18	8.9	7.45	81.3
Z4937-19	SB-27[4.0-4.5]	86	1.19	8.63	5.58	59.1
Z4937-20	SB-27[9.5-10.0]	87	1.19	8.93	7.43	80.7
Z4937-21	SB-28[4.5-10.0]	88	1.18	8.86	7.43	81.4
Z4937-22	SB-28[9.4-9.9]	89	1.18	9.01	7.63	82.4
Z4937-23	SB-29[4.7-5.2]	90	1.17	8.74	7.25	80.4
Z4937-24	SB-30[5.8-6.3]	91	1.19	9.07	7.63	81.8
Z4937-25	SB-30[6.7-7.1]	92	1.19	8.72	7.27	80.8
Z4948-01	KOHLS-5	93	1.18	9.03	7.99	86.8
Z4949-01	KOHLS-1	94	1.18	8.74	6.93	76.1
Z4949-03	KOHLS-2	95	1.18	8.96	8.24	90.8
Z4949-05	KOHLS-3	96	1.18	9	6.21	64.4
Z4949-07	KOHLS-4	97	1.19	8.9	7.46	81.4
Z4953-01	KOHLS-6	98	1.19	8.51	7.64	88.2
Z4929-10D	B8[2.7-4.05]D	16D	1.14	8.63	6.24	68.1
Z4929-25D	D7[4.05-5.4]D	31D	1.17	8.83	7.44	81.9
Z4932-05D	SED1D	58D	1.19	8.76	4.27	40.7
Z4937-04D	SB-18[5.0-6.0]D	71D	1.17	8.63	7.05	78.9

OVEN TEMP: 106 °C
TIME IN: 10/13/08 6:30 PM DH
TIME OUT: 10/14/08 10:30AM "

CHEMTECH

QC: LB408 51

PERCENT SOLIDS

ANALYST: [illegible]
DATE: 10/14/08

Lab ID	Client ID	Dish #	Dish Weight (g)	Dish Wt.+ Sample (g)	Dish Wt.+ Dry Sample (g)	% Solids
Z4949-05D	KOHLS-3D	96D	1.18	9.03	6.31	65.4
BLANK	DISH	B1	1.18	1.18	1.18	0.0
BLANK	DISH	B2	1.17	1.17	1.17	0.0
BLANK	DISH	B3	1.19	1.19	1.19	0.0
BLANK	DISH	B4	1.13	1.13	1.13	0.0
BLANK	DISH	B5	1.12	1.12	1.12	0.0

OVEN TEMP: 106°C
TIME IN: 10/13/08 6:30 PM
TIME OUT: 10/14/08 10:30 AM

CHEMTECH
284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

SHIPPING AND RECEIVING DOCUMENTATION

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

24932

CHEMTECH PROJECT NO.
QUOTE NO. Q 0804002
COC Number 075883

CLIENT INFORMATION (REPORT TO BE SENT TO:)

COMPANY: Dewberry
ADDRESS: 600 Parsippany Rd
CITY: Parsippany STATE: NJ ZIP: 07054
ATTENTION: Corey Nachshen
PHONE: 973-739-9400 FAX: 973-428-8509

CLIENT PROJECT INFORMATION

PROJECT NAME: FCI-Danbury
PROJECT NO. S0013147 LOCATION: Danbury, CT
PROJECT MANAGER: Corey Nachshen
e-mail: cnachshen@dewberry.com
PHONE: 973-739-9400 FAX: 973-428-8509

CLIENT BILLING INFORMATION

BILL TO: Dewberry PO#: S0013147
ADDRESS: 600 Parsippany Road
CITY: Parsippany STATE: NJ ZIP: 07054
ATTENTION: Corey Nachshen PHONE: 973-739-9400

DATA TURNAROUND INFORMATION

FAX: 10 DAYS *
HARD COPY: 10 DAYS *
EDD: 10 DAYS *
PREAPPROVED TAT: ☑ YES ☐ NO
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☒ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other
☒ EDD FORMAT EXCEL

ANALYSIS

1 TCL VOCs (SOM01.2) 2 TCL SVOCs (SOM01.2) 3 TCL PESTs (SOM01.2) 4 PCBs (SOM01.2) 5 TAL METALS (ILM05.4) 6 CYANIDE (ILM05.4) 7 8 9

PRESERVATIVES

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9	COMMENTS
								A/E	E	E	E	B/E	D/E				← Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other
1.	Trip Blank	AQ		—	10-9-08		2	X									
2.	Field Blank	AQ		—	10-9-08	0900	7	X	X	X	X	X	X				
3.	Rinsate Blank	AQ		—	10-9-08	0915	7	X	X	X	X	X	X				
4.	DUP	SL		X	10-9-08	[redacted]	2	X	X	X	X	X	X				
5.	SED 1	SL		X	10-9-08	0955	2	X	X	X	X	X	X				
6.	SED 1 MS	SL		X	10-9-08	0955	2	X	X	X	X	X	X				
7.	SED 1 MSD	SL		X	10-9-08	0955	2	X	X	X	X	X	X				
8.	SED 2	SL		X	10-9-08	1025	2	X	X	X	X	X	X				
9.	SED 3	SL		X	10-9-08	1045	2	X	X	X	X	X	X				
10.	SED 4	SL		X	10-9-08	1100	2	X	X	X	X	X	X				

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. [signature]	10/9/08 1200	1. Chris Grob
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:
2.		2.
RELINQUISHED BY:	DATE/TIME: 10:45	RECEIVED FOR LAB BY:
3.	10/10/08	3. Chris Grob

Conditions of bottles or coolers at receipt: ☑ Compliant ☐ Non Compliant
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments:

Cooler Temp. 4°C
Ice in Cooler?: yes

Page 1 of 2

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☒ OVERNIGHT
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☑ YES ☐ NO

Revision 8/2007

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

74932

CHEMTECH PROJECT NO.
QUOTE NO. Q080-4002
COC Number 075884

CLIENT INFORMATION (REPORT TO BE SENT TO:)

COMPANY: Dewberry
ADDRESS: 600 Parsippany Road
CITY: Parsippany STATE: NJ ZIP: 07054
ATTENTION: Corey Nachshen
PHONE: 973-739-9400 FAX: 973-428-8509

CLIENT PROJECT INFORMATION

PROJECT NAME: FCI Danbury
PROJECT NO: 50013147 LOCATION: Danbury, CT
PROJECT MANAGER: Corey Nachshen
e-mail: cnachshen@dewberry.com
PHONE: 973-739-9400 FAX: 973-428-8509

CLIENT BILLING INFORMATION

BILL TO: Dewberry PO#: 50013147
ADDRESS: 600 Parsippany Road
CITY: Parsippany STATE: NJ ZIP: 07054
ATTENTION: Corey Nachshen PHONE: 973-739-9400

DATA TURNAROUND INFORMATION

FAX: 10 DAYS *
HARD COPY: 10 DAYS *
EDD: 10 DAYS *
PREAPPROVED TAT: ☐ YES ☐ NO
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☒ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other
☒ EDD FORMAT EXCEL

ANALYSIS

1 TAL VOTHO (SOMO1.2)
2 TAL SVOLH20 (SOMO1.2)
3 TAL PEST (SOMO1.2)
4 PCBS (SOMO1.2)
5 TAL METALS (ILMO5.4)
6 CYANIDE (ILMO5.4)
7
8
9

PRESERVATIVES

	1	2	3	4	5	6	7	8	9
	A/E	E	E	E	B/E	D/E			

COMMENTS

← Specify Preservatives
A – HCl B – HNO_3
C – H_2SO_4 D – NaOH
E – ICE F – Other

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9	COMMENTS
1.	SED 5	SL		X	10-9-08	1205	2	X	X	X	X	X	X				
2.	SED 6	SL		X	10-9-08	1140	2	X	X	X	X	X	X				
3.	SED 7	SL		X	10-9-08	1330	2	X	X	X	X	X	X				
4.	SED 8	SL		X	10-9-08	1400	2	X	X	X	X	X	X				
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. [signature]	10/9/08 1708	1. Chris Greb
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:
2.		2.
RELINQUISHED BY:	DATE/TIME:	RECEIVED FOR LAB BY:
3.	10/10/08 10:45	3. Chris Greb

Conditions of bottles or coolers at receipt: ☒ Compliant ☐ Non Compliant
Cooler Temp. 4°
Ice in Cooler?: yes
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments:

Page 2 of 2

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☒ OVERNIGHT
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☒ YES ☐ NO

224

Revision 8/2007

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

CHEMTECH 284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

LABORATORY CERTIFICATION

STATE	License No.
New Jersey	20012
New York	11376
Florida	E87935
Maryland	296
Massachusetts	M-NJ503
Oklahoma	9705
Rhode Island	LAO00259
Connecticut	PH-0649
Maine	NJ0503
Pennsylvania	68-548

CHEMTECH 284 Sheffield Street, Mountainside, New Jersey 07092 Phone: 908 789 8900 Fax: 908 789 8922

END OF ANALYTICAL RESULTS