



AQUA PRO-TECH LABORATORIES

Certified Environmental Testing

**ANALYTICAL RESULTS
REDUCED DELIVERABLES FORMAT**

APL PROJECT NUMBER: 11070359

Terms Environmental

Project: Vet Park

1275 BLOOMFIELD AVE., BLDG. 6, FAIRFIELD, NEW JERSEY 07004
(t)973.227.0422 (f)973.227.2813 (w)www.aquaprotechlabs.com

NELAC National Environmental Laboratory Accreditation Conference
NJDEP #07010/ NYDOH #11634
CTPH #0233/US ARMY

THIS REPORT
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APL
AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

1275 BLOOMFIELD AVENUE • BUILDING 6
 FAIRFIELD, NEW JERSEY 07004

TEL: 973.227.0422
 FAX: 973.227.2813
 www.aquaprotechlabs.com

CONTAMINATION LEVEL

HIGH MEDIUM LOW

CUSTOMER: TECOM S
 ADDRESS: 599 SPRINGFIELD A
BRIDGE HTS
 PHONE: 908-464-0028
 FAX:
 PROJECT NAME: VET PARK
 PROJECT MGR:
 P.O. NUMBER

CHAIN OF CUSTODY

PAGE OF

TURNAROUND TIME

STANDARD in 2 weeks
 RUSH turnaround available upon request and lab approval

REPORT FORMAT

RESULTS ONLY
 NJ DEP REDUCED DELIVERABLES
 NJ DEP FULL DELIVERABLES
 ELECTRONIC DATA DELIVERY
 SR#
 STATE FORMS NEEDED

MATRIX ABBREVIATIONS: D - DRINKING WATER G - GROUNDWATER W - WASTEWATER S - SOIL SL - SLUDGE P - POOL L - LAKE

APL LAB ID#	SAMPLE SOURCE FIELD ID	DATE TIME	ANALYSIS REQUESTED
1107059	61	7-11-11 700	S 1 - BN + PCB
2	52	720	
3	53	740	
4	54	800	
5	55	920	
6	56	840	

RELINQUISHED BY (Print) Dr. Michael DATE: 7-11-11
 Signature/Agent of: _____ Time: 3:45 AM

RELINQUISHED BY (Print) _____ DATE: _____
 Signature/Agent of: _____ Time: _____

RELINQUISHED BY (Print) _____ DATE: _____
 Signature/Agent of: _____ Time: _____

RELINQUISHED BY (Print) _____ DATE: _____
 Signature/Agent of: _____ Time: _____

COMMENTS/SPECIAL INSTRUCTIONS

Cooler Temp. upon receipt at lab 3.7

CERTIFICATIONS: NELAP (National Environmental Laboratory Accreditation Program) NJDEP #07010 NYDOH #11634 CTPH #0233 US ARMY
 By signing this Chain of Custody Agreement, customer expressly agrees to pay APL for all charges, reasonably incurred in connection with analysis and reporting for your sample

Extractable Petroleum Hydrocarbons:

Gas Chromatography/Flame Ionization Detector

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, Method 8015B or

NJDEP Office of Quality Assurance Quantitation of Semi-Volatile Petroleum Products in Water, Soil and Sediment OQA-QAM-025, Revision 6.

Metals:

Inductively-Coupled Plasma Atomic Emission Spectrometry

Water Samples-USEPA Methods for the Analysis of Water and Wastes, Method 200.7

Soil Samples-USEPA Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, Method 6010B.

Mercury:

Cold Vapor Atomic Absorption Spectrometry

Water Samples-USEPA Methods for the Analysis of Water and Wastes, Method 245.1

Soil Samples-USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, Method 7171A.

Volatile Organic Compounds:

Purge and Trap Gas Chromatography/Mass Spectroscopy

Drinking Water Samples-USEPA Methods for the Determination of Organic Compounds in Drinking Water, Method 524.2.

Water Samples-USEPA Methods for the Analysis of Water and Wastes, Method 624.

Soil Samples-USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, Method 8260B

Semi-Volatile Organic Compounds:

Gas Chromatography/Mass Spectroscopy

Water Samples-USEPA Methods for the Analysis of Water and Wastes, Method 625.

Soil Samples-USEPA SW-846 Test Methods for Evaluating Soil Waste Physical/Chemical Methods Update III, Method 8270C.

Pesticides:

Gas Chromatography/Electron Capture Detector

Water Samples-USEPA Methods for the Analysis of Water and Wastes, Method 608.

Soil Samples-USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, Method 8081A.

Polychlorinated Biphenyls (PCBs):

Gas Chromatography/Electron Capture Detector.

Water Samples-USEPA Methods for the Analysis of Water and Wastes, Method 608.

Soil Samples-USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, Method 8082

General Chemistry Methods:

Various general chemistry methods are taken from Standard

Methods for the Examination of Water and Wastewater, 19th Edition. Specific method citations can be found on the Analytical Results Summary page of this report listed under 'Method'.

MDL:

Method Detection Limit. The minimum reportable concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. The value is calculated from the analysis of seven replicates of a spike sample. On analytical reports this value is corrected for percent moisture and any concentration or dilution factors.

PQL:

Practical Quantitation Limit. The Concentration of the lowest calibration standard that was included in the initial calibration of the instrument. On analytical reports this value is corrected for percent moisture and any concentration or dilution factors.

Concentration (Conc) / Result:

If the compound is detected, the measured concentration is reported. If this column is left blank, or contains a 'less than' (<) symbol, the compound was not detected.

Tentatively Identified Compound (TIC):

A TIC is a non-targeted compound, not included in the calibration, identified by a mass spectral library search.

Qualifiers:

U:

Indicates the compound was analyzed for but was not detected.

J:

Indicates an estimated value. All tentatively identified compounds (TICs) and results below the MDL receive this qualifier.

B:

Indicates the analyte was found in the method blank as well as the sample.

E:

Indicates that the concentration of the compound exceeds the calibration range of the instrument. The results of a diluted analysis will also be reported. The results of the dilution should be used for those compounds exceeding the calibration range in the undiluted analysis.

N:

Used when reporting a specific tentatively identified compound.



AQUA PRO-TECH LABORATORIES

Certified Environmental Testing

**ANALYTICAL RESULTS
PCBs in Soil**

NJDEP Reduced Deliverables Format

**TERMS
Berkeley Heights, NJ**

Project: Vet Park

Reviewed By:



Brian Wood, Laboratory Director

7/27/11

Date

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NJDEP #07010/ NYDOH #11634
CTPH #0233/US ARMY

SAMPLE LOCATION AND IDENTIFICATION

PCBS

Client Sample Number	APL Sample Number	Matrix
S 1	11070359-001	Soil
S 2	11070359-002	Soil
S 3	11070359-003	Soil
S 4	11070359-004	Soil
S 5	11070359-005	Soil
S 6	11070359-006	Soil

LABORATORY CHRONICLE

PCBs in Soil

Sample Collection	Date 7/11/11	Performed By Client
Receipt / Refrigeration	Date 7/11/11	Performed By D. McMahon

Sample Number:	Extraction Date:	Extraction Performed By:	GC Analysis Date:	Analysis Performed By:
11070359-001	7/20/11	Marchese	7/22/11	Lipala
11070359-002	7/20/11	Marchese	7/22/11	Lipala
11070359-003	7/20/11	Marchese	7/22/11	Lipala
11070359-004	7/20/11	Marchese	7/22/11	Lipala
11070359-005	7/20/11	Marchese	7/22/11	Lipala
11070359-006	7/20/11	Marchese	7/22/11	Lipala

AQUA PRO-TECH LABORATORIES
Fairfield, NJ

PCB ANALYTICAL REPORT
Method 8082 S

Client:	Terms Environmental	Lab Sample ID:	11070359-1
Project:	Vet Park	GC Run ID:	3B6514
Sample ID:	S 1	Extraction Date:	7/20/11
Date Sampled:	7/11/11	Sample Wt /Vol:	15 g
Matrix: (soil/water):	Soil	Final Volume (ml):	10
% Moisture:	4%		
Concentration Units:	µg/kg		

Compound	Result	MDL	PQL	Qualifier	Date Analyzed	Dilution Factor
Aroclor 1016	ND	7.35	68.5	U	7/22/11	1
Aroclor 1221	ND	9.27	68.5	U	7/22/11	1
Aroclor 1232	ND	10.9	68.5	U	7/22/11	1
Aroclor 1242	ND	5.04	68.5	U	7/22/11	1
Aroclor 1248	ND	3.48	68.5	U	7/22/11	1
Aroclor 1254	ND	7.76	68.5	U	7/22/11	1
Aroclor 1260	ND	7.44	68.5	U	7/22/11	1

Qualifiers:

- U - compound not detected at the specified detection limit
- J - below PQL
- D - concentration taken from diluted analysis
- E - compound concentration exceeds calibration

AQUA PRO-TECH LABORATORIES
Fairfield, NJ

PCB ANALYTICAL REPORT
Method 8082 S

Client:	Terms Environmental	Lab Sample ID:	11070359-2
Project:	Vet Park	GC Run ID:	3B6515
Sample ID:	S 2	Extraction Date:	7/20/11
Date Sampled:	7/11/11	Sample Wt /Vol:	15 g
Matrix: (soil/water):	Soil	Final Volume (ml):	10
% Moisture:	7%		
Concentration Units:	µg/kg		

Compound	Result	MDL	PQL	Qualifier	Date Analyzed	Dilution Factor
Aroclor 1016	ND	7.61	71	U	7/22/11	1
Aroclor 1221	ND	9.6	71	U	7/22/11	1
Aroclor 1232	ND	11.3	71	U	7/22/11	1
Aroclor 1242	ND	5.22	71	U	7/22/11	1
Aroclor 1248	ND	3.6	71	U	7/22/11	1
Aroclor 1254	ND	8.03	71	U	7/22/11	1
Aroclor 1260	188	7.71	71		7/22/11	1

Qualifiers:

- U - compound not detected at the specified detection limit
- J - below PQL
- D - concentration taken from diluted analysis
- E - compound concentration exceeds calibration

AQUA PRO-TECH LABORATORIES
Fairfield, NJ

PCB ANALYTICAL REPORT
Method 8082 S

Client:	Terms Environmental	Lab Sample ID:	11070359-3
Project:	Vet Park	GC Run ID:	3B6516
Sample ID:	S 3	Extraction Date:	7/20/11
Date Sampled:	7/11/11	Sample Wt /Vol:	15 g
Matrix: (soil/water):	Soil	Final Volume (ml):	10
% Moisture:	1%		
Concentration Units:	µg/kg		

Compound	Result	MDL	PQL	Qualifier	Date Analyzed	Dilution Factor
Aroclor 1016	ND	7.15	66.7	U	7/22/11	1
Aroclor 1221	ND	9.02	66.7	U	7/22/11	1
Aroclor 1232	ND	10.6	66.7	U	7/22/11	1
Aroclor 1242	ND	4.9	66.7	U	7/22/11	1
Aroclor 1248	ND	3.38	66.7	U	7/22/11	1
Aroclor 1254	ND	7.55	66.7	U	7/22/11	1
Aroclor 1260	ND	7.24	66.7	U	7/22/11	1

Qualifiers:

- U - compound not detected at the specified detection limit
- J - below PQL
- D - concentration taken from diluted analysis
- E - compound concentration exceeds calibration

AQUA PRO-TECH LABORATORIES
Fairfield, NJ

PCB ANALYTICAL REPORT
Method 8082 S

Client:	Terms Environmental	Lab Sample ID:	11070359-4
Project:	Vet Park	GC Run ID:	3B6517
Sample ID:	S 4	Extraction Date:	7/20/11
Date Sampled:	7/11/11	Sample Wt /Vol:	15 g
Matrix: (soil/water):	Soil	Final Volume (ml):	10
% Moisture:	1%		
Concentration Units:	µg/kg		

Compound	Result	MDL	PQL	Qualifier	Date Analyzed	Dilution Factor
Aroclor 1016	ND	7.16	66.7	U	7/22/11	1
Aroclor 1221	ND	9.03	66.7	U	7/22/11	1
Aroclor 1232	ND	10.6	66.7	U	7/22/11	1
Aroclor 1242	ND	4.91	66.7	U	7/22/11	1
Aroclor 1248	ND	3.39	66.7	U	7/22/11	1
Aroclor 1254	ND	7.55	66.7	U	7/22/11	1
Aroclor 1260	ND	7.25	66.7	U	7/22/11	1

Qualifiers:

- U - compound not detected at the specified detection limit
- J - below PQL
- D - concentration taken from diluted analysis
- E - compound concentration exceeds calibration

AQUA PRO-TECH LABORATORIES
Fairfield, NJ

PCB ANALYTICAL REPORT
Method 8082 S

Client:	Terms Environmental	Lab Sample ID:	11070359-5
Project:	Vet Park	GC Run ID:	3B6518
Sample ID:	S 5	Extraction Date:	7/20/11
Date Sampled:	7/11/11	Sample Wt /Vol:	15 g
Matrix: (soil/water):	Soil	Final Volume (ml):	10
% Moisture:	3%		
Concentration Units:	µg/kg		

Compound	Result	MDL	PQL	Qualifier	Date Analyzed	Dilution Factor
Aroclor 1016	ND	7.31	68.1	U	7/22/11	1
Aroclor 1221	ND	9.21	68.1	U	7/22/11	1
Aroclor 1232	ND	10.8	68.1	U	7/22/11	1
Aroclor 1242	ND	5.01	68.1	U	7/22/11	1
Aroclor 1248	ND	3.46	68.1	U	7/22/11	1
Aroclor 1254	ND	7.71	68.1	U	7/22/11	1
Aroclor 1260	ND	7.4	68.1	U	7/22/11	1

Qualifiers:

- U - compound not detected at the specified detection limit
- J - below PQL
- D - concentration taken from diluted analysis
- E - compound concentration exceeds calibration

AQUA PRO-TECH LABORATORIES
Fairfield, NJ

PCB ANALYTICAL REPORT
Method 8082 S

Client:	Terms Environmental	Lab Sample ID:	11070359-6
Project:	Vet Park	GC Run ID:	3B6519
Sample ID:	S 6	Extraction Date:	7/20/11
Date Sampled:	7/11/11	Sample Wt /Vol:	15 g
Matrix: (soil/water):	Soil	Final Volume (ml):	10
% Moisture:	3%		
Concentration Units:	µg/kg		

Compound	Result	MDL	PQL	Qualifier	Date Analyzed	Dilution Factor
Aroclor 1016	ND	7.26	67.7	U	7/22/11	1
Aroclor 1221	ND	9.15	67.7	U	7/22/11	1
Aroclor 1232	ND	10.8	67.7	U	7/22/11	1
Aroclor 1242	ND	4.98	67.7	U	7/22/11	1
Aroclor 1248	ND	3.43	67.7	U	7/22/11	1
Aroclor 1254	ND	7.66	67.7	U	7/22/11	1
Aroclor 1260	210	7.35	67.7		7/22/11	1

Qualifiers:

- U - compound not detected at the specified detection limit
- J - below PQL
- D - concentration taken from diluted analysis
- E - compound concentration exceeds calibration

Quantitation Report (QT Reviewed)

15

Signal #1 : G:\HPCHEM\GCECD3\DATA\07222011\3B6514.D\ECD1A.CH Vial: 2
 Signal #2 : G:\HPCHEM\GCECD3\DATA\07222011\3B6514.D\ECD2B.CH
 Acq On : 22 Jul 2011 3:49 pm Operator: RL
 Sample : 11070359-1 Inst : GC/ECD-2
 Misc : 2170 Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Jul 25 12:32 2011 Quant Results File: 80820301.RES

Quant Method : G:\HPCHEM\G...\80820301.M (Chemstation Integrator)
 Title : PCBs by EPA Method 8082
 Last Update : Fri Jul 22 15:15:14 2011
 Response via : Initial Calibration
 DataAcq Meth : 80820114.M

Volume Inj. : 2ul
 Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
 Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/kg	ug/kg
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System Monitoring Compounds

1) S TCMX	5.24	6.42	1911005	985876	35.876	40.974
Spiked Amount	50.000	Range 18 - 129	Recovery =		71.75%	81.95%
2) S Decachlorobiphen	18.76	22.51	3009482	1808615	43.486m	58.528m#
Spiked Amount	50.000	Range 46 - 135	Recovery =		86.97%	117.06%

Target Compounds

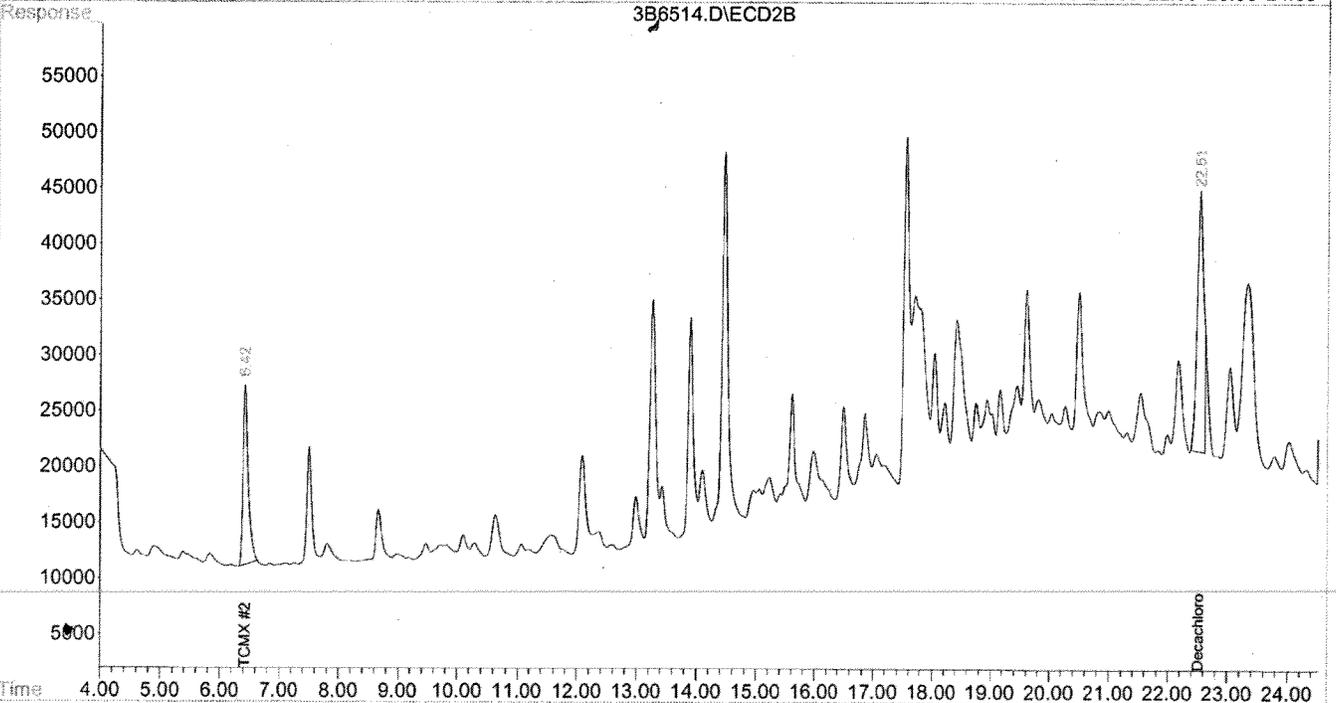
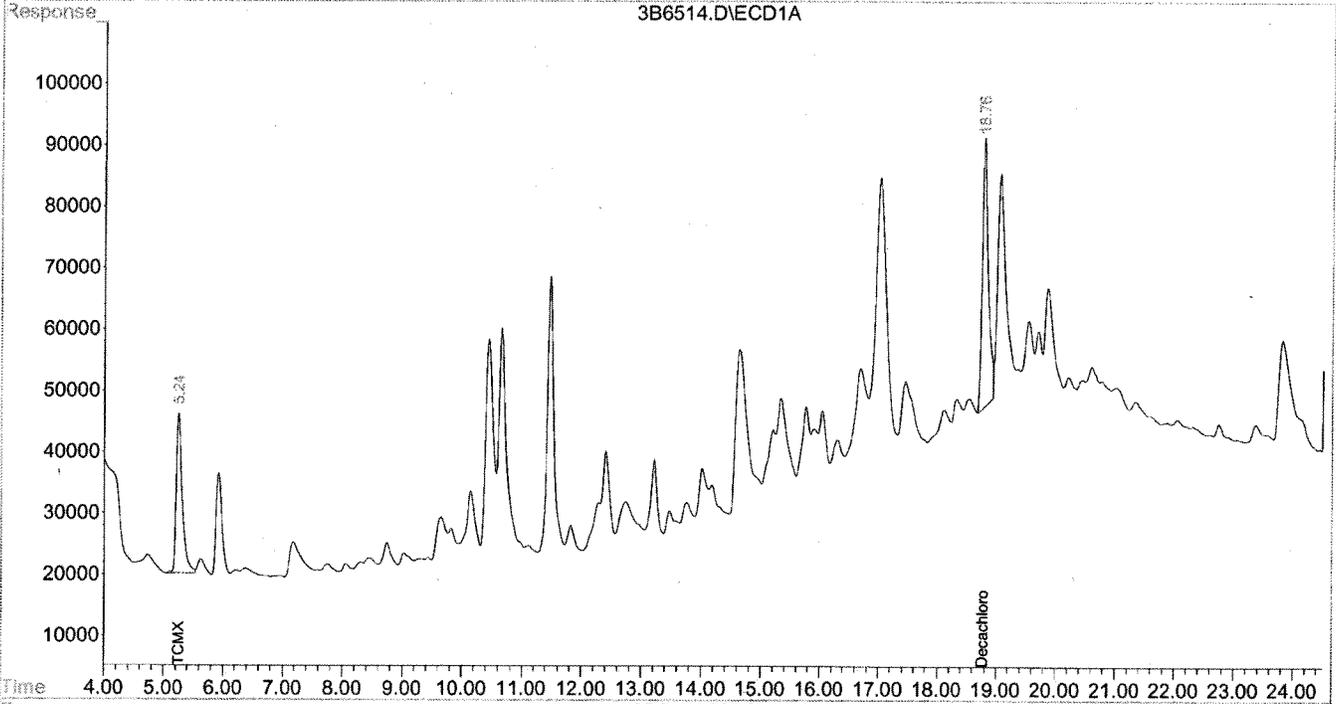
Sum Aroclor-1016 (1)			0	0	N.D.	N.D.
Average Aroclor-1016 (1)					0.000	0.000
Sum Aroclor-1221 (1)			0	0	N.D.	N.D.
Average Aroclor-1221 (1)					0.000	0.000
Sum Aroclor-1232 (1)			0	0	N.D.	N.D.
Average Aroclor-1232 (1)					0.000	0.000
Sum Aroclor-1242 (1)			0	0	N.D.	N.D.
Average Aroclor-1242 (1)					0.000	0.000
Sum Aroclor-1248 (1)			0	0	N.D.	N.D.
Average Aroclor-1248 (1)					0.000	0.000
Sum Aroclor-1254 (1)			0	0	N.D.	N.D.
Average Aroclor-1254 (1)					0.000	0.000
Sum Aroclor-1260 (1)			0	0	N.D.	N.D.
Average Aroclor-1260 (1)					0.000	0.000

Quantitation Report

Signal #1 : G:\HPCHEM\GCECD3\DATA\07222011\3B6514.D\ECD1A.CH Vial: 2
Signal #2 : G:\HPCHEM\GCECD3\DATA\07222011\3B6514.D\ECD2B.CH
Acq On : 22 Jul 2011 3:49 pm Operator: RL
Sample : 11070359-1 Inst : GC/ECD-2
Misc : 2170 Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Jul 25 12:32 2011 Quant Results File: 80820301.RES

Quant Method : G:\HPCHEM\G...\80820301.M (Chemstation Integrator)
Title : PCBs by EPA Method 8082
Last Update : Fri Jul 22 15:15:14 2011
Response via : Multiple Level Calibration
DataAcq Meth : 80820114.M

Volume Inj. : 2ul
Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um



Quantitation Report (QT Reviewed)

17

Signal #1 : G:\HPCHEM\GCECD3\DATA\07222011\3B6515.D\ECD1A.CH Vial: 3
 Signal #2 : G:\HPCHEM\GCECD3\DATA\07222011\3B6515.D\ECD2B.CH
 Acq On : 22 Jul 2011 4:17 pm Operator: RL
 Sample : 11070359-2 Inst : GC/ECD-2
 Misc : 2170 Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Jul 25 12:33 2011 Quant Results File: 80820301.RES

Quant Method : G:\HPCHEM\G...80820301.M (Chemstation Integrator)
 Title : PCBs by EPA Method 8082
 Last Update : Fri Jul 22 15:15:14 2011
 Response via : Initial Calibration
 DataAcq Meth : 80820114.M

Volume Inj. : 2ul
 Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
 Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/kg	ug/kg
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System Monitoring Compounds

1) S TCMX	5.25	6.43	1934433	1106651	36.316	45.994 #
Spiked Amount	50.000	Range 18 - 129	Recovery =		72.63%	91.99%
2) S Decachlorobiphen	18.76	22.52	3070045	1702928	44.362m	55.107m
Spiked Amount	50.000	Range 46 - 135	Recovery =		88.72%	110.21%

Target Compounds

Sum Aroclor-1016 (1)			0	0	N.D.	N.D.
Average Aroclor-1016 (1)					0.000	0.000

Sum Aroclor-1221 (1)			0	0	N.D.	N.D.
Average Aroclor-1221 (1)					0.000	0.000

Sum Aroclor-1232 (1)			0	0	N.D.	N.D.
Average Aroclor-1232 (1)					0.000	0.000

Sum Aroclor-1242 (1)			0	0	N.D.	N.D.
Average Aroclor-1242 (1)					0.000	0.000

Sum Aroclor-1248 (1)			0	0	N.D.	N.D.
Average Aroclor-1248 (1)					0.000	0.000

Sum Aroclor-1254 (1)			0	0	N.D.	N.D.
Average Aroclor-1254 (1)					0.000	0.000

28) L9 Aroclor-1260 (1)	11.47	14.90	1261133	453360	338.011	254.553m
29) L9 Aroclor-1260 (2)	12.30	15.49	1769974	526797	222.499	246.518
30) L9 Aroclor-1260 (3)	13.17	15.96	1470827	522091	235.297	312.220 #
31) L9 Aroclor-1260 (4)	14.19	16.51	793476	762630	269.808m	312.962m
32) L9 Aroclor-1260 (5)	15.09	17.54f	1937938	2042354	245.170m	1583.136 #
Sum Aroclor-1260 (1)			7233348	4307232	1310.785	2709.390
Average Aroclor-1260 (1)					262.157	541.878

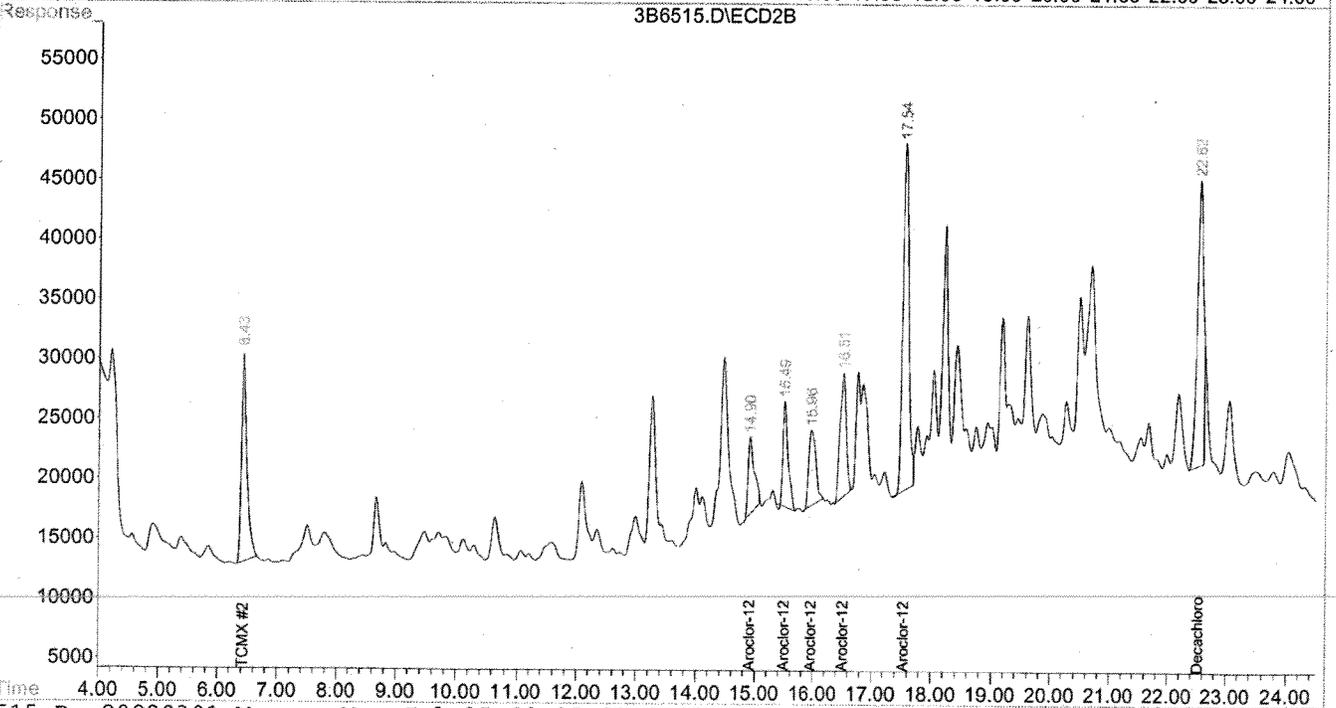
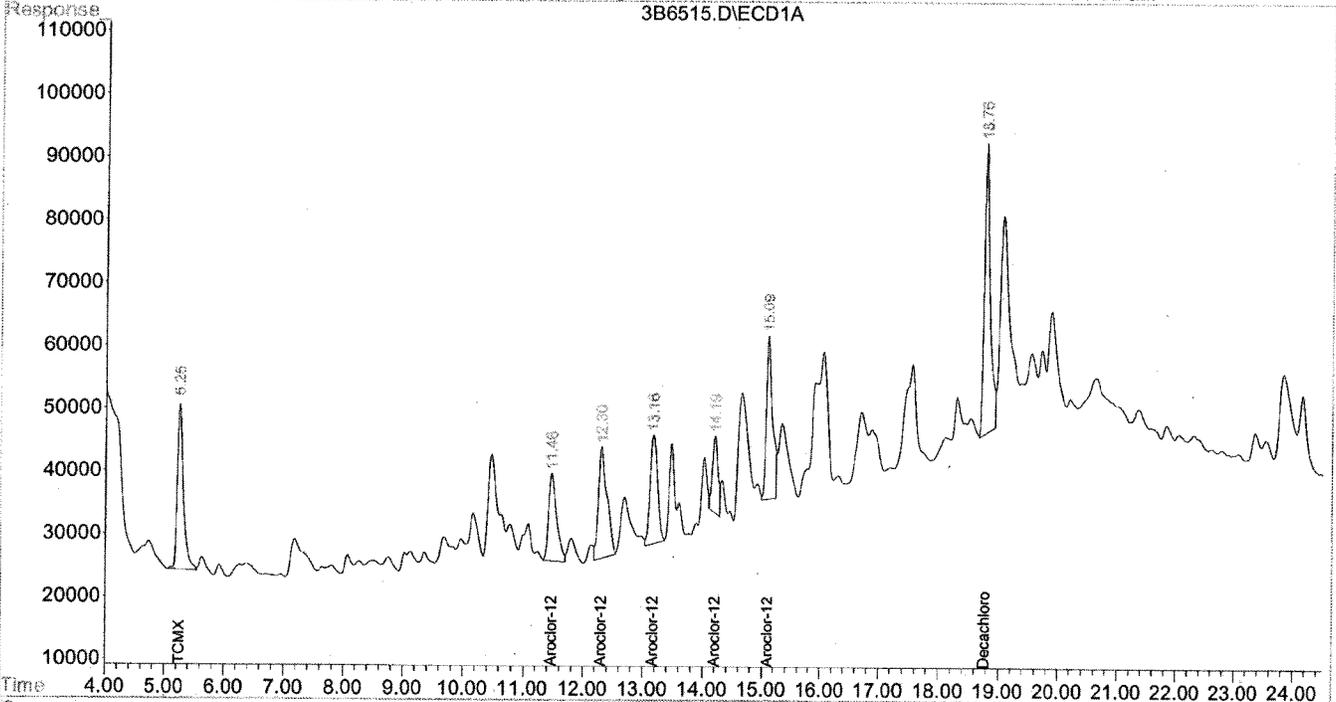
Quantitation Report

18

Signal #1 : G:\HPCHEM\GCECD3\DATA\07222011\3B6515.D\ECD1A.CH Vial: 3
Signal #2 : G:\HPCHEM\GCECD3\DATA\07222011\3B6515.D\ECD2B.CH
Acq On : 22 Jul 2011 4:17 pm Operator: RL
Sample : 11070359-2 Inst : GC/ECD-2
Misc : 2170 Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Jul 25 12:33 2011 Quant Results File: 80820301.RES

Quant Method : G:\HPCHEM\G...\80820301.M (Chemstation Integrator)
Title : PCBs by EPA Method 8082
Last Update : Fri Jul 22 15:15:14 2011
Response via : Multiple Level Calibration
DataAcq Meth : 80820114.M

Volume Inj. : 2ul
Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um



Quantitation Report (QT Reviewed)

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Signal #1 : G:\HPCHEM\GCECD3\DATA\07222011\3B6516.D\ECD1A.CH Vial: 4
 Signal #2 : G:\HPCHEM\GCECD3\DATA\07222011\3B6516.D\ECD2B.CH
 Acq On : 22 Jul 2011 4:46 pm Operator: RL
 Sample : 11070359-3 Inst : GC/ECD-2
 Misc : 2170 Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Jul 25 12:35 2011 Quant Results File: 80820301.RES

Quant Method : G:\HPCHEM\G...\80820301.M (Chemstation Integrator)
 Title : PCBs by EPA Method 8082
 Last Update : Fri Jul 22 15:15:14 2011
 Response via : Initial Calibration
 DataAcq Meth : 80820114.M

Volume Inj. : 2ul
 Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
 Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/kg	ug/kg

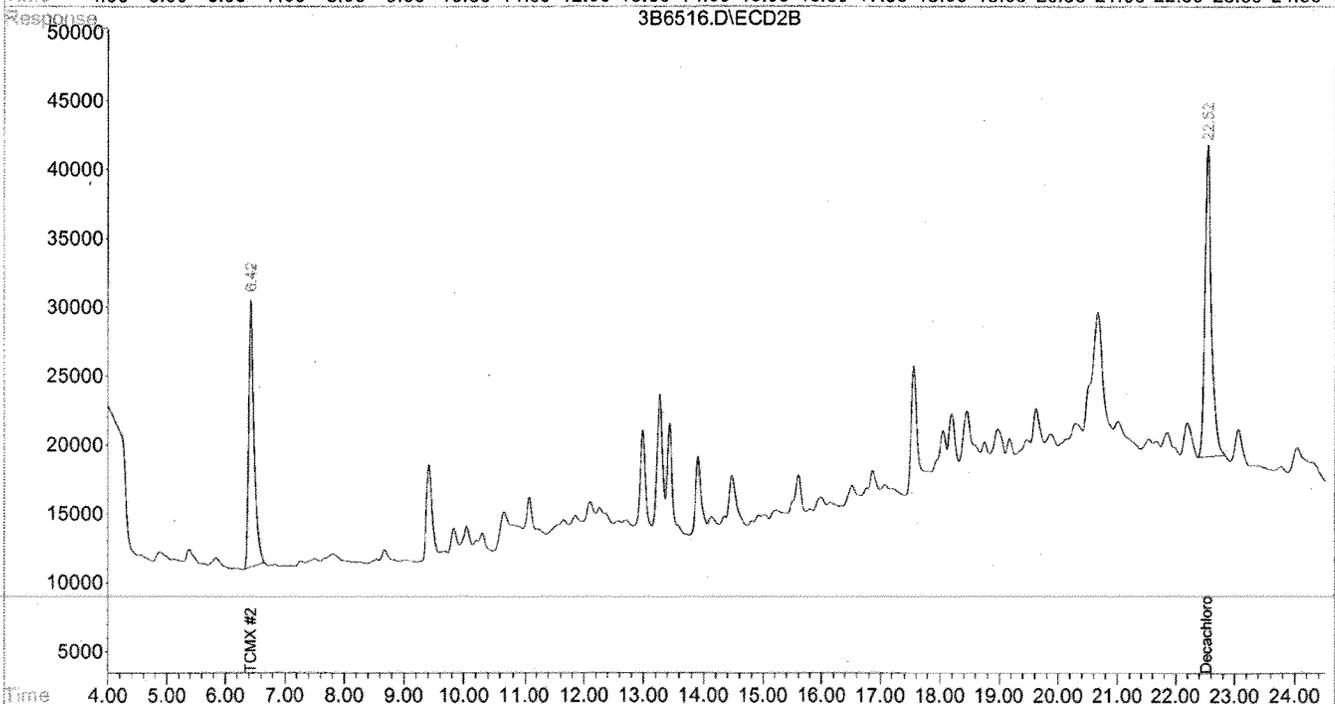
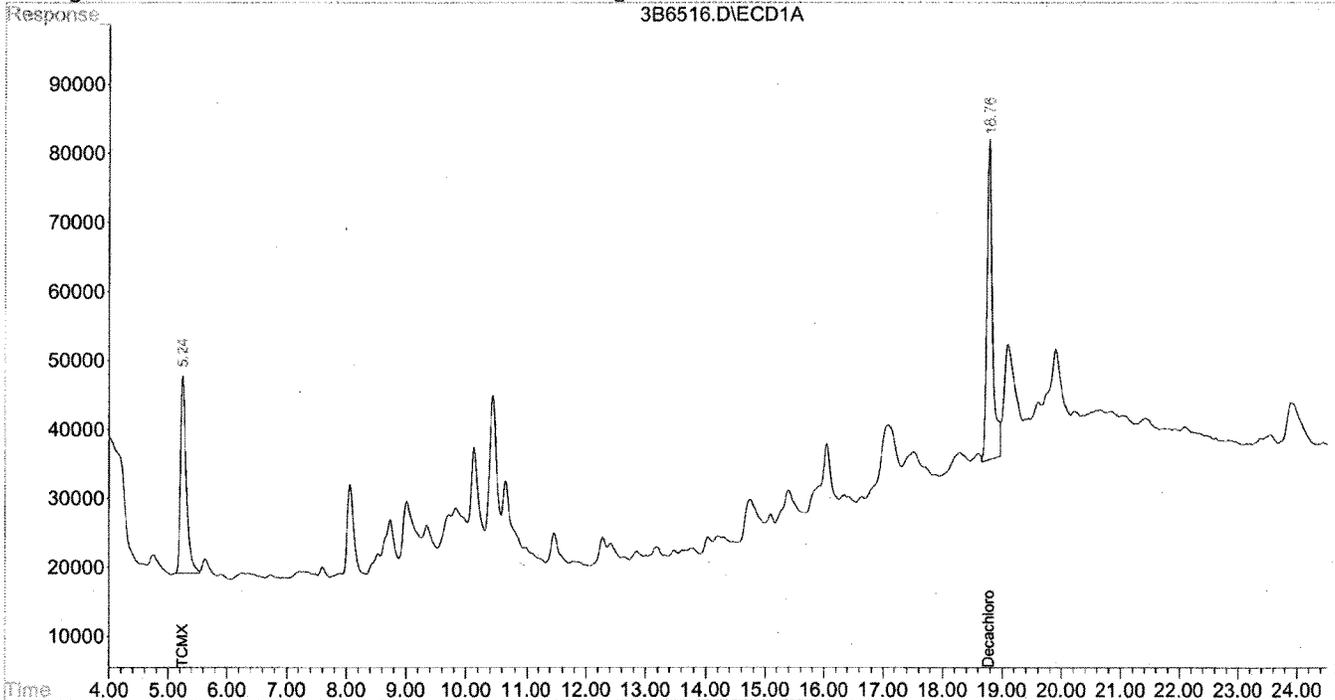
System Monitoring Compounds						
1) S TCMX	5.24	6.42	2047127	1201121	38.432	49.920 #
Spiked Amount	50.000	Range	18 - 129	Recovery =	76.86%	99.84%
2) S Decachlorobiphen	18.76	22.52	2920353	1692264	42.199	54.762 #
Spiked Amount	50.000	Range	46 - 135	Recovery =	84.40%	109.52%
Target Compounds						
Sum Aroclor-1016 (1)			0	0	N.D.	N.D.
Average Aroclor-1016 (1)					0.000	0.000
Sum Aroclor-1221 (1)			0	0	N.D.	N.D.
Average Aroclor-1221 (1)					0.000	0.000
Sum Aroclor-1232 (1)			0	0	N.D.	N.D.
Average Aroclor-1232 (1)					0.000	0.000
Sum Aroclor-1242 (1)			0	0	N.D.	N.D.
Average Aroclor-1242 (1)					0.000	0.000
Sum Aroclor-1248 (1)			0	0	N.D.	N.D.
Average Aroclor-1248 (1)					0.000	0.000
Sum Aroclor-1254 (1)			0	0	N.D.	N.D.
Average Aroclor-1254 (1)					0.000	0.000
Sum Aroclor-1260 (1)			0	0	N.D.	N.D.
Average Aroclor-1260 (1)					0.000	0.000

Quantitation Report

Signal #1 : G:\HPCHEM\GCECD3\DATA\07222011\3B6516.D\ECD1A.CH Vial: 4
Signal #2 : G:\HPCHEM\GCECD3\DATA\07222011\3B6516.D\ECD2B.CH
Acq On : 22 Jul 2011 4:46 pm Operator: RL
Sample : 11070359-3 Inst : GC/ECD-2
Misc : 2170 Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Jul 25 12:35 2011 Quant Results File: 80820301.RES

Quant Method : G:\HPCHEM\G...\80820301.M (Chemstation Integrator)
Title : PCBs by EPA Method 8082
Last Update : Fri Jul 22 15:15:14 2011
Response via : Multiple Level Calibration
DataAcq Meth : 80820114.M

Volume Inj. : 2ul
Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um



Quantitation Report (QT Reviewed)

21

Signal #1 : G:\HPCHEM\GCECD3\DATA\07222011\3B6517.D\ECD1A.CH Vial: 5
 Signal #2 : G:\HPCHEM\GCECD3\DATA\07222011\3B6517.D\ECD2B.CH
 Acq On : 22 Jul 2011 5:14 pm Operator: RL
 Sample : 11070359-4 Inst : GC/ECD-2
 Misc : 2170 Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Jul 25 12:36 2011 Quant Results File: 80820301.RES

Quant Method : G:\HPCHEM\G... \80820301.M (Chemstation Integrator)
 Title : PCBs by EPA Method 8082
 Last Update : Fri Jul 22 15:15:14 2011
 Response via : Initial Calibration
 DataAcq Meth : 80820114.M

Volume Inj. : 2ul
 Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
 Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/kg	ug/kg

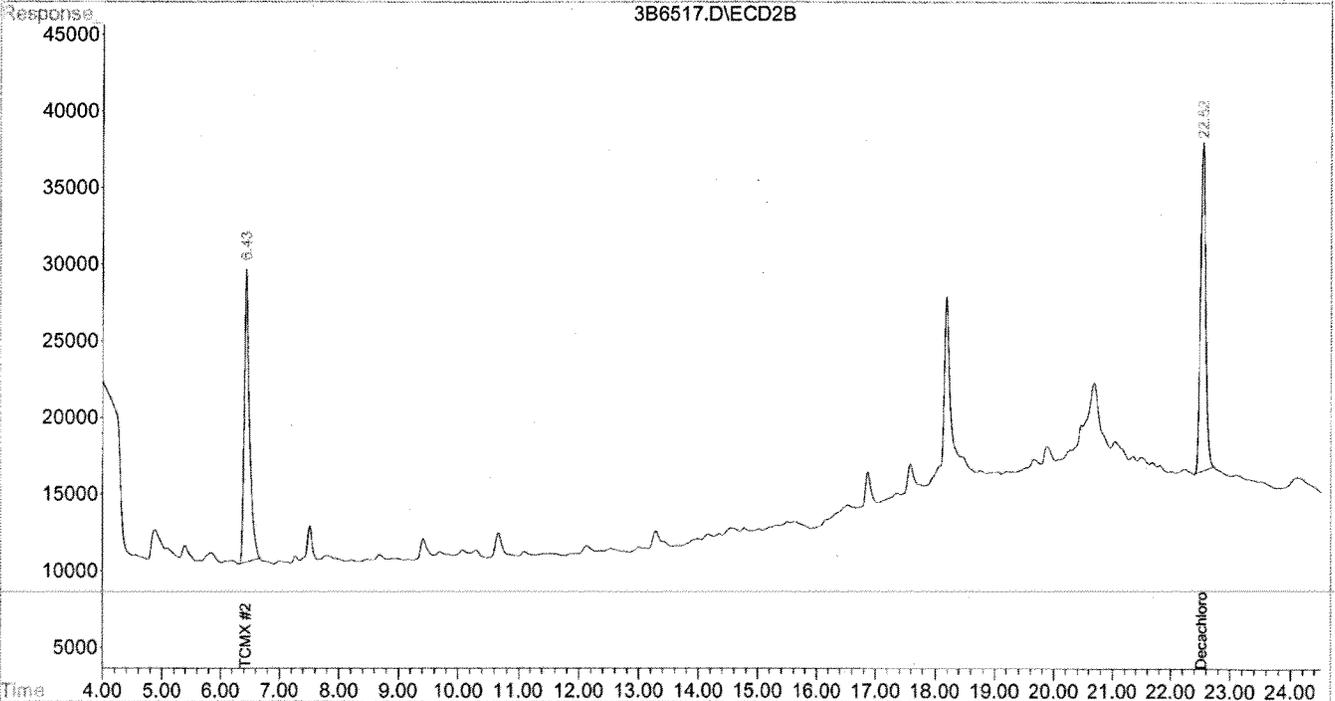
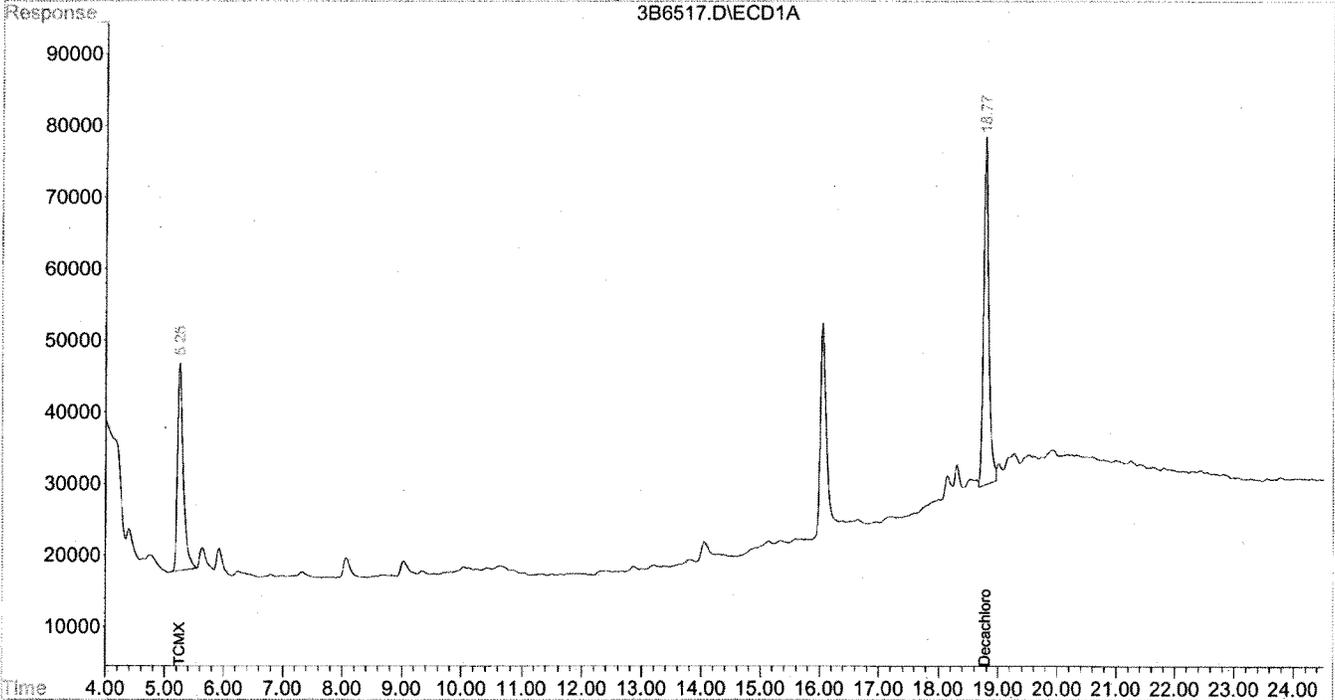
System Monitoring Compounds						
1) S TCMX	5.25	6.43	2048319	1213572	38.454	50.438 #
Spiked Amount	50.000	Range 18 - 129	Recovery =		76.91%	100.88%
2) S Decachlorobiphen	18.77	22.52	2921074	1323567	42.209	42.831
Spiked Amount	50.000	Range 46 - 135	Recovery =		84.42%	85.66%
Target Compounds						
Sum Aroclor-1016 (1)			0	0	N.D.	N.D.
Average Aroclor-1016 (1)					0.000	0.000
Sum Aroclor-1221 (1)			0	0	N.D.	N.D.
Average Aroclor-1221 (1)					0.000	0.000
Sum Aroclor-1232 (1)			0	0	N.D.	N.D.
Average Aroclor-1232 (1)					0.000	0.000
Sum Aroclor-1242 (1)			0	0	N.D.	N.D.
Average Aroclor-1242 (1)					0.000	0.000
Sum Aroclor-1248 (1)			0	0	N.D.	N.D.
Average Aroclor-1248 (1)					0.000	0.000
Sum Aroclor-1254 (1)			0	0	N.D.	N.D.
Average Aroclor-1254 (1)					0.000	0.000
Sum Aroclor-1260 (1)			0	0	N.D.	N.D.
Average Aroclor-1260 (1)					0.000	0.000

Quantitation Report

Signal #1 : G:\HPCHEM\GCECD3\DATA\07222011\3B6517.D\ECD1A.CH Vial: 5
Signal #2 : G:\HPCHEM\GCECD3\DATA\07222011\3B6517.D\ECD2B.CH
Acq On : 22 Jul 2011 5:14 pm Operator: RL
Sample : 11070359-4 Inst : GC/ECD-2
Misc : 2170 Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Jul 25 12:36 2011 Quant Results File: 80820301.RES

Quant Method : G:\HPCHEM\G...\80820301.M (Chemstation Integrator)
Title : PCBs by EPA Method 8082
Last Update : Fri Jul 22 15:15:14 2011
Response via : Multiple Level Calibration
DataAcq Meth : 80820114.M

Volume Inj. : 2ul
Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um



Quantitation Report (QT Reviewed)

23

Signal #1 : G:\HPCHEM\GCECD3\DATA\07222011\3B6518.D\ECD1A.CH Vial: 6
 Signal #2 : G:\HPCHEM\GCECD3\DATA\07222011\3B6518.D\ECD2B.CH
 Acq On : 22 Jul 2011 5:43 pm Operator: RL
 Sample : 11070359-5 Inst : GC/ECD-2
 Misc : 2170 Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Jul 25 12:37 2011 Quant Results File: 80820301.RES

Quant Method : G:\HPCHEM\G...\80820301.M (Chemstation Integrator)
 Title : PCBs by EPA Method 8082
 Last Update : Fri Jul 22 15:15:14 2011
 Response via : Initial Calibration
 DataAcq Meth : 80820114.M

Volume Inj. : 2ul
 Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
 Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/kg	ug/kg

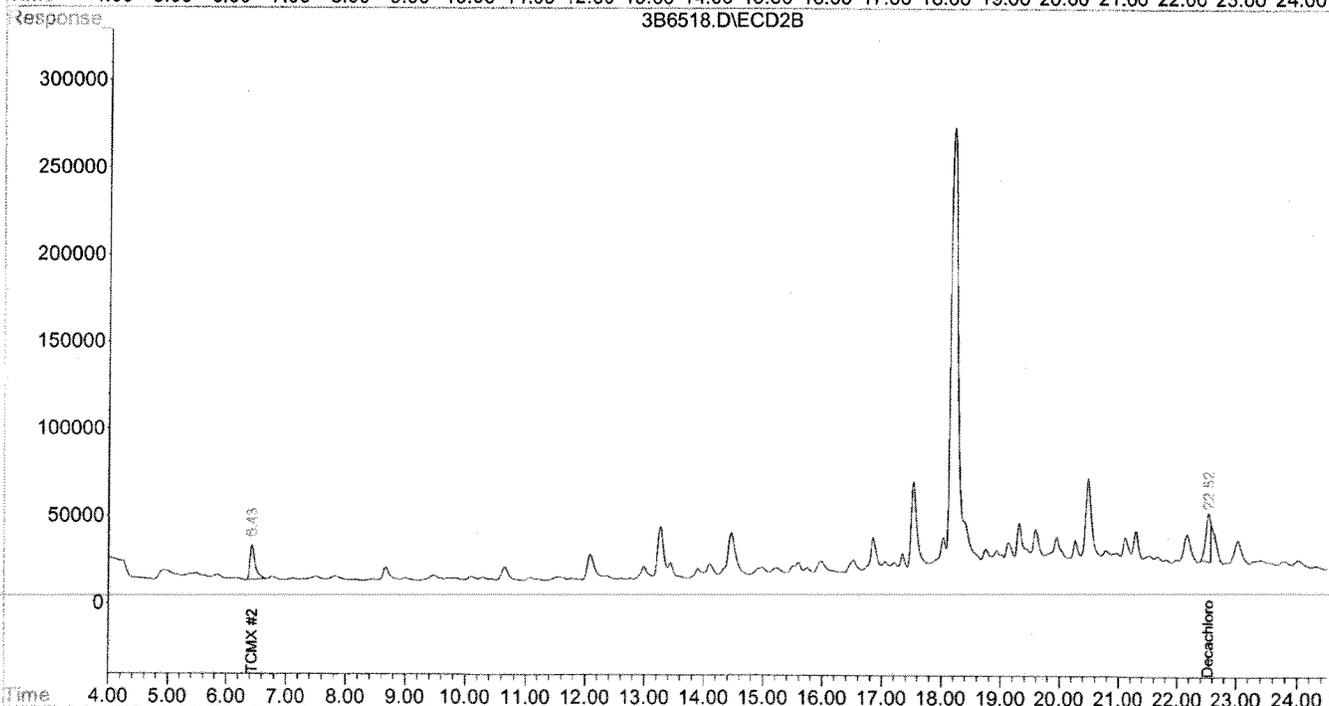
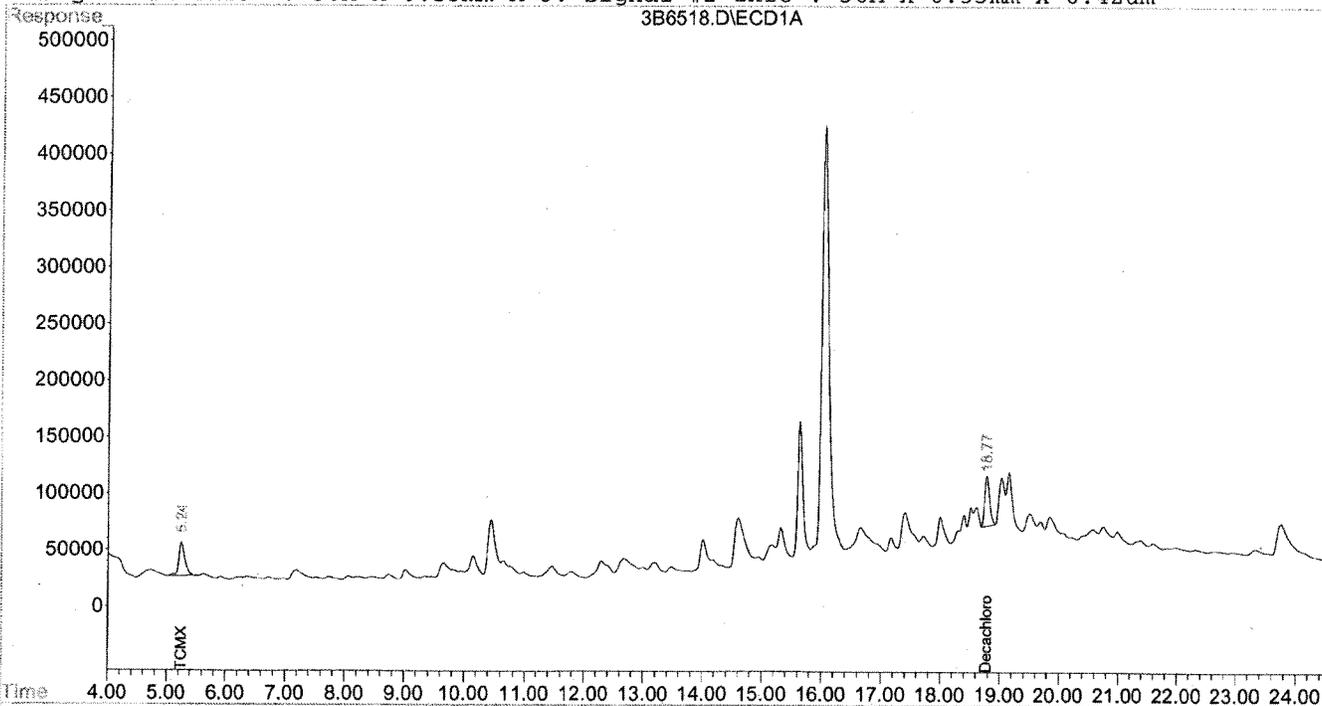
System Monitoring Compounds						
1) S TCMX	5.24	6.43	2190293	1201546	41.120m	49.938
Spiked Amount	50.000	Range	18 - 129	Recovery =	82.24%	99.88%
2) S Decachlorobiphen	18.77	22.52	2528850	1509458	36.541m	48.847m#
Spiked Amount	50.000	Range	46 - 135	Recovery =	73.08%	97.69%
Target Compounds						
Sum Aroclor-1016 (1)			0	0	N.D.	N.D.
Average Aroclor-1016 (1)					0.000	0.000
Sum Aroclor-1221 (1)			0	0	N.D.	N.D.
Average Aroclor-1221 (1)					0.000	0.000
Sum Aroclor-1232 (1)			0	0	N.D.	N.D.
Average Aroclor-1232 (1)					0.000	0.000
Sum Aroclor-1242 (1)			0	0	N.D.	N.D.
Average Aroclor-1242 (1)					0.000	0.000
Sum Aroclor-1248 (1)			0	0	N.D.	N.D.
Average Aroclor-1248 (1)					0.000	0.000
Sum Aroclor-1254 (1)			0	0	N.D.	N.D.
Average Aroclor-1254 (1)					0.000	0.000
Sum Aroclor-1260 (1)			0	0	N.D.	N.D.
Average Aroclor-1260 (1)					0.000	0.000

Quantitation Report

Signal #1 : G:\HPCHEM\GCECD3\DATA\07222011\3B6518.D\ECD1A.CH Vial: 6
Signal #2 : G:\HPCHEM\GCECD3\DATA\07222011\3B6518.D\ECD2B.CH
Acq On : 22 Jul 2011 5:43 pm Operator: RL
Sample : 11070359-5 Inst : GC/ECD-2
Misc : 2170 Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Jul 25 12:37 2011 Quant Results File: 80820301.RES

Quant Method : G:\HPCHEM\G...\80820301.M (Chemstation Integrator)
Title : PCBs by EPA Method 8082
Last Update : Fri Jul 22 15:15:14 2011
Response via : Multiple Level Calibration
DataAcq Meth : 80820114.M

Volume Inj. : 2ul
Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um



Quantitation Report (QT Reviewed)

25

Signal #1 : G:\HPCHEM\GCECD3\DATA\07222011\3B6519.D\ECD1A.CH Vial: 7
 Signal #2 : G:\HPCHEM\GCECD3\DATA\07222011\3B6519.D\ECD2B.CH
 Acq On : 22 Jul 2011 6:11 pm Operator: RL
 Sample : 11070359-6 Inst : GC/ECD-2
 Misc : 2170 Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Jul 25 12:38 2011 Quant Results File: 80820301.RES

Quant Method : G:\HPCHEM\G...\80820301.M (Chemstation Integrator)
 Title : PCBs by EPA Method 8082
 Last Update : Fri Jul 22 15:15:14 2011
 Response via : Initial Calibration
 DataAcq Meth : 80820114.M

Volume Inj. : 2ul
 Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
 Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/kg	ug/kg

System Monitoring Compounds						
1) S TCMX	5.25	6.43	2106036	1178803	39.538	48.993
Spiked Amount	50.000	Range 18 - 129	Recovery =		79.08%	97.99%
2) S Decachlorobiphen	18.77	22.52	3510540	1816746	50.727	58.791m
Spiked Amount	50.000	Range 46 - 135	Recovery =		101.45%	117.58%
Target Compounds						
Sum Aroclor-1016 (1)			0	0	N.D.	N.D.
Average Aroclor-1016 (1)					0.000	0.000
Sum Aroclor-1221 (1)			0	0	N.D.	N.D.
Average Aroclor-1221 (1)					0.000	0.000
Sum Aroclor-1232 (1)			0	0	N.D.	N.D.
Average Aroclor-1232 (1)					0.000	0.000
Sum Aroclor-1242 (1)			0	0	N.D.	N.D.
Average Aroclor-1242 (1)					0.000	0.000
Sum Aroclor-1248 (1)			0	0	N.D.	N.D.
Average Aroclor-1248 (1)					0.000	0.000
Sum Aroclor-1254 (1)			0	0	N.D.	N.D.
Average Aroclor-1254 (1)					0.000	0.000
28) L9 Aroclor-1260 (1)	11.46	14.91	1286391	501984	344.781	281.855
29) L9 Aroclor-1260 (2)	12.31	15.49	2528576	616193	317.860	288.352
30) L9 Aroclor-1260 (3)	13.17	15.97	1669760	613471	267.122	366.867 #
31) L9 Aroclor-1260 (4)	14.20	16.52	807890	824560	274.709m	338.376m
32) L9 Aroclor-1260 (5)	15.10	17.54f	2602764	2460974	329.278	1907.630 #
Sum Aroclor-1260 (1)			8895382	5017183	1533.750	3183.080
Average Aroclor-1260 (1)					306.750	636.616

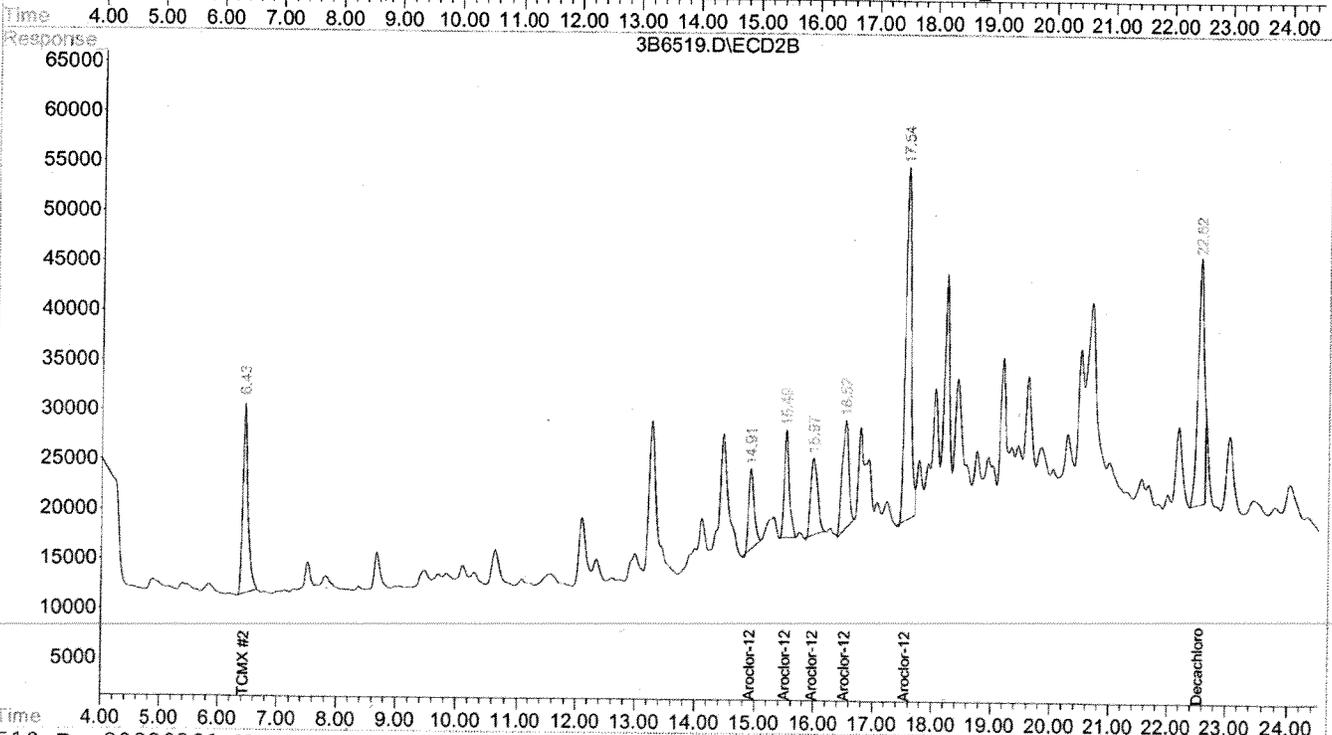
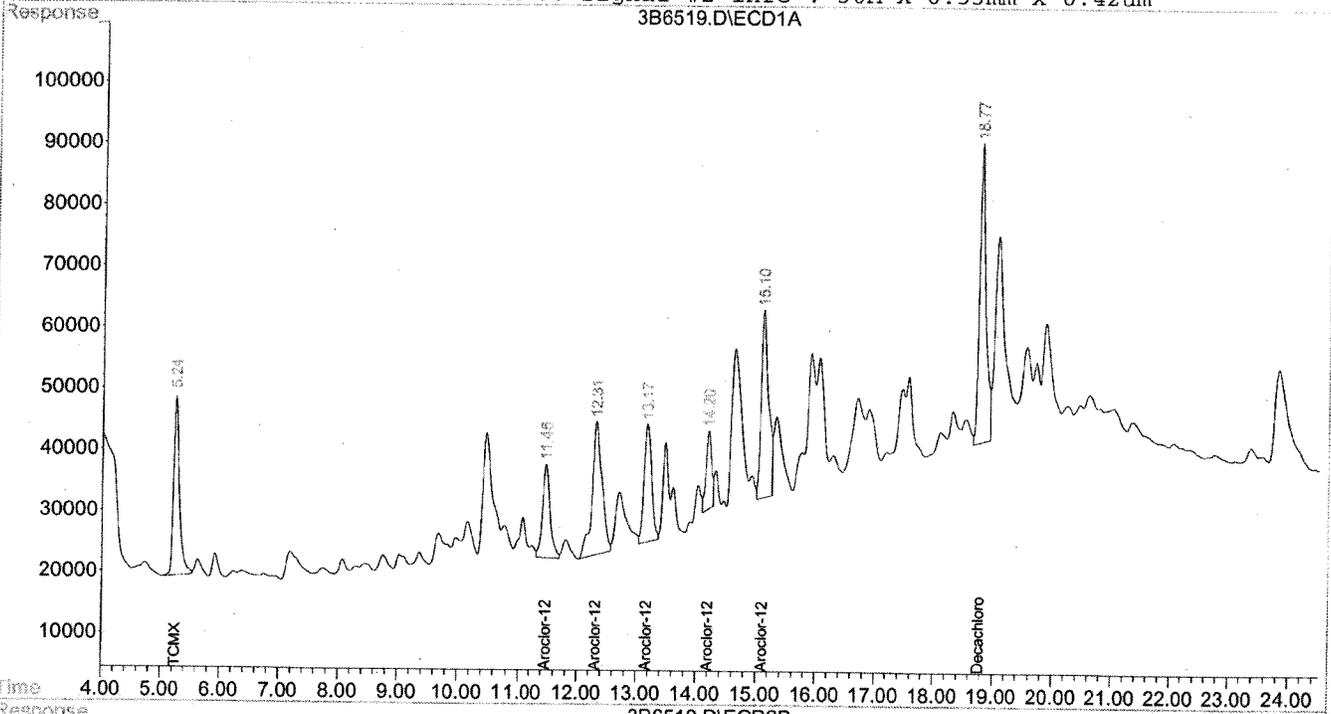
Quantitation Report

Signal #1 : G:\HPCHEM\GCECD3\DATA\07222011\3B6519.D\ECD1A.CH Vial: 7
Signal #2 : G:\HPCHEM\GCECD3\DATA\07222011\3B6519.D\ECD2B.CH
Acq On : 22 Jul 2011 6:11 pm Operator: RL
Sample : 11070359-6 Inst : GC/ECD-2
Misc : 2170 Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Jul 25 12:38 2011 Quant Results File: 80820301.RES

26

Quant Method : G:\HPCHEM\G... \80820301.M (Chemstation Integrator)
Title : PCBs by EPA Method 8082
Last Update : Fri Jul 22 15:15:14 2011
Response via : Multiple Level Calibration
DataAcq Meth : 80820114.M

Volume Inj. : 2ul
Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um



CONFORMANCE / NON-CONFORMANCE SUMMARY

PCBs

	YES	NO*
Continuing Calibration Recovery Within QC Limits	✓	
Method Blank Interference Free	✓	
Surrogate Recoveries Within QC Limits	✓	
Matrix Spike / Spike Duplicate Recoveries Within QC Limits	✓	
Blank Spike Recoveries Within QC Limits	✓	
Retention Time Shifts Within QC Limits	✓	
Chain Of Custody Included in Report	✓	
Holding Times:		
Water – Extraction Within 7 Days of Sample Collection	NA	
Soil/Concrete - Extraction Within 14 Days of Sample Collection	✓	
Analysis Within 40 Days of Extraction	✓	

*Comments:

Reviewed By: Robert Lipala Date 07/26/2011
 Robert Lipala-GC Chemist

AQUA PRO-TECH Laboratories
 QUALITY CONTROL REPORT
 GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE SUMMARY
 POLYCHLORINATED BIPHENYLS

BATCH NUMBER: QGC2170
 SPIKED SAMPLE: 11060540-3
 METHOD: 8082
 MATRIX: Soil
 MOISTURE: 10.1%

	SAMPLE	MS	MSD
INITIAL WT/VOL:	15	15	15
FINAL VOL:	10	10	10
UNITS:	µg/kg		

Compound Name	Conc. Added	Sample Conc.	Matrix Spike		Spike Duplicate		QC RPD	RPD
			Conc.	%Rec	Conc.	%Rec		
Aroclor-1016	371	U	341	91.9	359	96.8	40	5
Aroclor-1260	371	U	423	114	433	117	40	2

QC Limits:	Compound	Percent Recovery Limits
	Aroclor-1016	59 - 133
	Aroclor-1260	70 - 160

* Values outside QC Limits

Quantitation Report (QT Reviewed)

30

Signal #1 : G:\HPCHEM\GCECD3\DATA\06172011\3B6176.D\ECD1A.CH Vial: 14
 Signal #2 : G:\HPCHEM\GCECD3\DATA\06172011\3B6176.D\ECD2B.CH
 Acq On : 17 Jun 2011 10:10 am Operator: RL
 Sample : 11060540-3 Inst : GC/ECD-2
 Misc : 2170 Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Jun 17 11:36 2011 Quant Results File: 80820301.RES

Quant Method : G:\HPCHEM\G... \80820301.M (Chemstation Integrator)
 Title : PCBs by EPA Method 8082
 Last Update : Fri Jun 17 10:06:21 2011
 Response via : Initial Calibration
 DataAcq Meth : 80820114.M

Volume Inj. : 2ul
 Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
 Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/kg	ug/kg

System Monitoring Compounds						
1) S TCMX	5.19	6.36	1643683	982566	30.858	40.837 #
Spiked Amount	50.000	Range 18 - 129	Recovery =		61.72%	81.67%
2) S Decachlorobiphen	18.70	22.43f	2659437	1370220	38.428	44.341
Spiked Amount	50.000	Range 46 - 135	Recovery =		76.86%	88.68%
Target Compounds						
Sum Aroclor-1016 (1)			0	0	N.D.	N.D.
Average Aroclor-1016 (1)					0.000	0.000
Sum Aroclor-1221 (1)			0	0	N.D.	N.D.
Average Aroclor-1221 (1)					0.000	0.000
Sum Aroclor-1232 (1)			0	0	N.D.	N.D.
Average Aroclor-1232 (1)					0.000	0.000
Sum Aroclor-1242 (1)			0	0	N.D.	N.D.
Average Aroclor-1242 (1)					0.000	0.000
Sum Aroclor-1248 (1)			0	0	N.D.	N.D.
Average Aroclor-1248 (1)					0.000	0.000
Sum Aroclor-1254 (1)			0	0	N.D.	N.D.
Average Aroclor-1254 (1)					0.000	0.000
Sum Aroclor-1260 (1)			0	0	N.D.	N.D.
Average Aroclor-1260 (1)					0.000	0.000

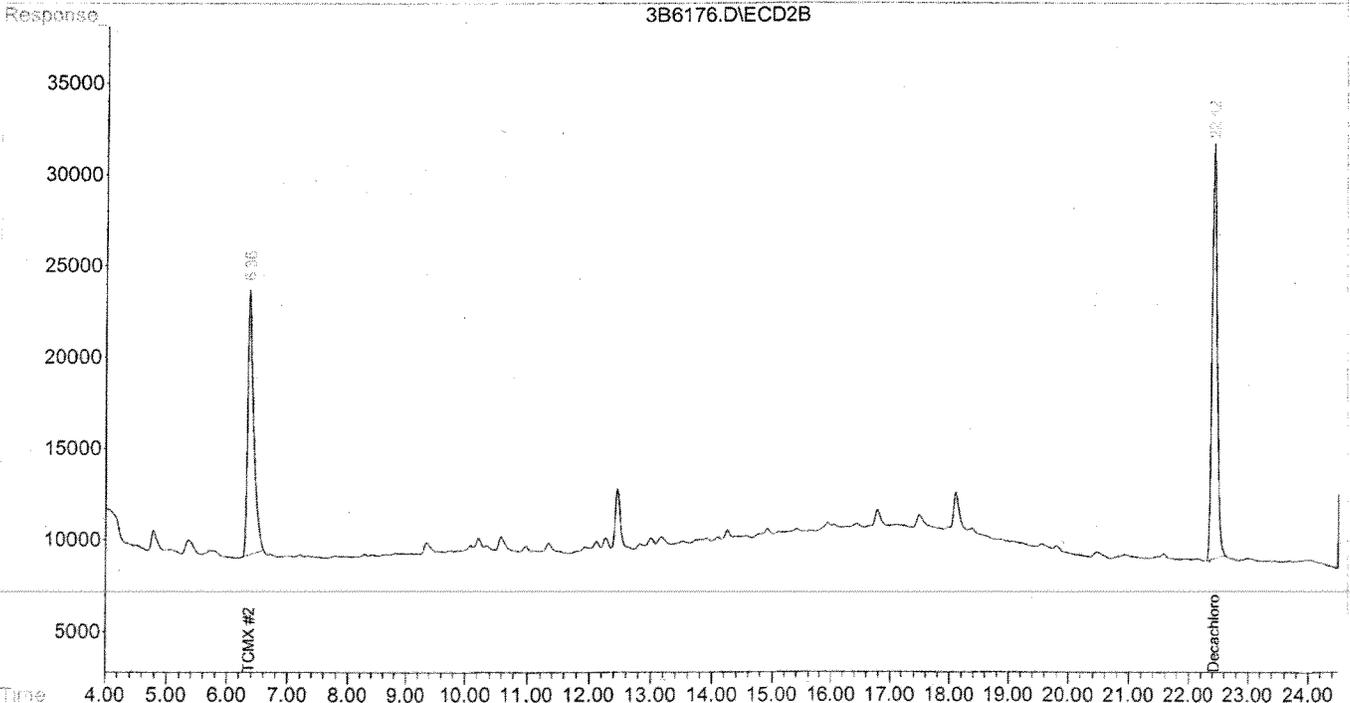
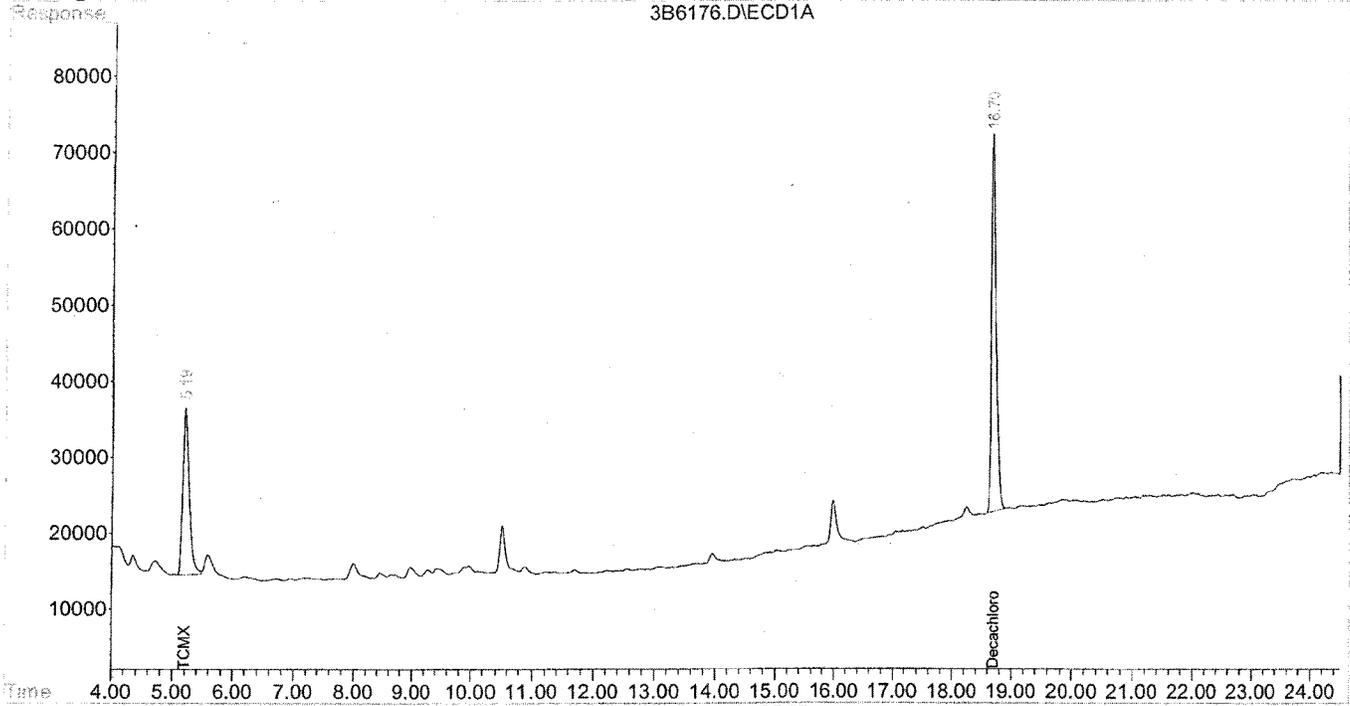
Quantitation Report

31

Signal #1 : G:\HPCHEM\GCECD3\DATA\06172011\3B6176.D\ECD1A.CH Vial: 14
Signal #2 : G:\HPCHEM\GCECD3\DATA\06172011\3B6176.D\ECD2B.CH
Acq On : 17 Jun 2011 10:10 am Operator: RL
Sample : 11060540-3 Inst : GC/ECD-2
Misc : 2170 Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Jun 17 11:36 2011 Quant Results File: 80820301.RES

Quant Method : G:\HPCHEM\G...\80820301.M (Chemstation Integrator)
Title : PCBs by EPA Method 8082
Last Update : Fri Jun 17 10:06:21 2011
Response via : Multiple Level Calibration
DataAcq Meth : 80820114.M

Volume Inj. : 2ul
Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um



Quantitation Report (QT Reviewed)

32

Signal #1 : G:\HPCHEM\GCECD3\DATA\06222011\3B6242.D\ECD1A.CH Vial: 7
 Signal #2 : G:\HPCHEM\GCECD3\DATA\06222011\3B6242.D\ECD2B.CH
 Acq On : 22 Jun 2011 12:33 pm Operator: RL
 Sample : 11060540-3 MS Inst : GC/ECD-2
 Misc : 2170 Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Jun 22 12:59 2011 Quant Results File: 80820301.RES

Quant Method : G:\HPCHEM\G...\80820301.M (Chemstation Integrator)
 Title : PCBs by EPA Method 8082
 Last Update : Wed Jun 22 09:10:35 2011
 Response via : Initial Calibration
 DataAcq Meth : 80820114.M

Volume Inj. : 2ul
 Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
 Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/kg	ug/kg
System Monitoring Compounds						
1) S TCMX	5.19	6.36	1457476	832689	27.362	34.608 #
Spiked Amount	50.000	Range 18 - 129	Recovery =		54.72%	69.22%
2) S Decachlorobiphen	18.70	22.43f	3827047	1522189	55.300	49.259
Spiked Amount	50.000	Range 46 - 135	Recovery =		110.60%	98.52%
Target Compounds						
3) L3 Aroclor-1016 (1)	5.76f	7.37	659324	285294	424.739m	448.410m
4) L3 Aroclor-1016 (2)	6.39	8.31	1042509	555834	436.498	433.992m
5) L3 Aroclor-1016 (3)	6.77	8.90	761397	223052	472.431	468.445m
6) L3 Aroclor-1016 (4)	7.31f	9.41	2953786	1335000	495.005m	522.362m
7) L3 Aroclor-1016 (5)	7.59	9.75	1002512	503409	467.382m	500.491
Sum Aroclor-1016 (1)			6419528	2902589	2296.054	2373.701
verage Aroclor-1016 (1)					459.211	474.740
Sum Aroclor-1221 (1)			0	0	N.D.	N.D.
verage Aroclor-1221 (1)					0.000	0.000
Sum Aroclor-1232 (1)			0	0	N.D.	N.D.
verage Aroclor-1232 (1)					0.000	0.000
Sum Aroclor-1242 (1)			0	0	N.D.	N.D.
verage Aroclor-1242 (1)					0.000	0.000
Sum Aroclor-1248 (1)			0	0	N.D.	N.D.
verage Aroclor-1248 (1)					0.000	0.000
Sum Aroclor-1254 (1)			0	0	N.D.	N.D.
verage Aroclor-1254 (1)					0.000	0.000
8) L9 Aroclor-1260 (1)	11.38	14.82	2102071	1052020	563.401	590.690
9) L9 Aroclor-1260 (2)	12.21	15.41	4705541	1546595	591.521	723.740
0) L9 Aroclor-1260 (3)	13.08	15.88f	3609521	1079572	577.437	645.604
1) L9 Aroclor-1260 (4)	14.12	16.44	1435674	1660842	488.176m	681.563m#
2) L9 Aroclor-1260 (5)	15.02	17.49	4974740	852324	629.359m	660.681m
Sum Aroclor-1260 (1)			16827548	6191354	2849.894	3302.278
verage Aroclor-1260 (1)					569.979	660.456

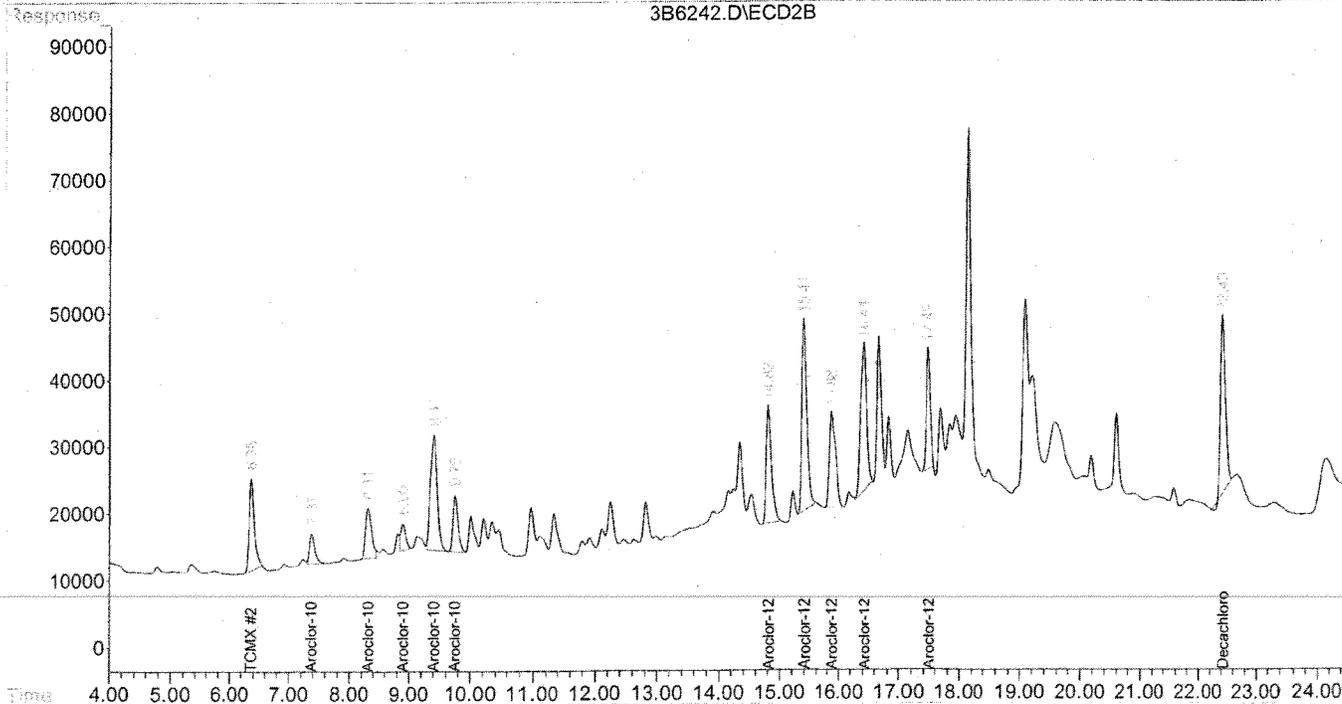
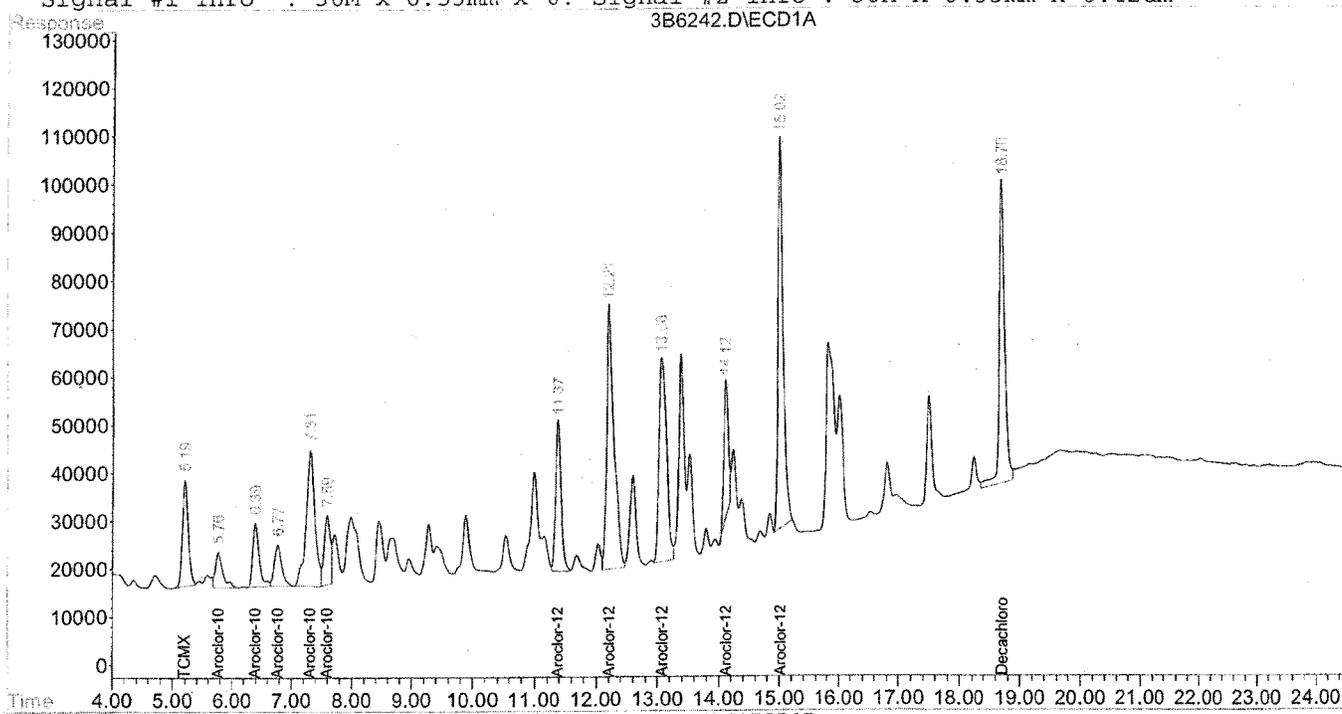
Quantitation Report

Signal #1 : G:\HPCHEM\GCECD3\DATA\06222011\3B6242.D\ECD1A.CH Vial: 7
Signal #2 : G:\HPCHEM\GCECD3\DATA\06222011\3B6242.D\ECD2B.CH
Acq On : 22 Jun 2011 12:33 pm Operator: RL
Sample : 11060540-3 MS Inst : GC/ECD-2
Misc : 2170 Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Jun 22 12:59 2011 Quant Results File: 80820301.RES

33

Quant Method : G:\HPCHEM\G...\80820301.M (Chemstation Integrator)
Title : PCBs by EPA Method 8082
Last Update : Wed Jun 22 09:10:35 2011
Response via : Multiple Level Calibration
DataAcq Meth : 80820114.M

Volume Inj. : 2ul
Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um



Quantitation Report (QT Reviewed)

34

Signal #1 : G:\HPCHEM\GCECD3\DATA\06222011\3B6243.D\ECD1A.CH Vial: 8
 Signal #2 : G:\HPCHEM\GCECD3\DATA\06222011\3B6243.D\ECD2B.CH
 Acq On : 22 Jun 2011 1:21 pm Operator: RL
 Sample : 11060540-3 MSD Inst : GC/ECD-2
 Misc : 2170 Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Jun 22 13:56 2011 Quant Results File: 80820301.RES

Quant Method : G:\HPCHEM\G... \80820301.M (Chemstation Integrator)
 Title : PCBs by EPA Method 8082
 Last Update : Wed Jun 22 09:10:35 2011
 Response via : Initial Calibration
 DataAcq Meth : 80820114.M

Volume Inj. : 2ul
 Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
 Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/kg	ug/kg
System Monitoring Compounds						
1) S TCMX	5.20	6.37f	1512612	886186	28.397	36.831 #
Spiked Amount	50.000	Range 18 - 129	Recovery =		56.79%	73.66%
2) S Decachlorobiphen	18.71	22.43f	3464437	1711963	50.060m	55.400
Spiked Amount	50.000	Range 46 - 135	Recovery =		100.12%	110.80%
Target Compounds						
3) L3 Aroclor-1016 (1)	5.77f	7.38f	756584	314312	487.394m	494.019m
4) L3 Aroclor-1016 (2)	6.40f	8.31f	1106710	605128	463.379	472.481m
5) L3 Aroclor-1016 (3)	6.78f	8.90f	799114	247382	495.834	519.542m
6) L3 Aroclor-1016 (4)	7.32f	9.41f	3045934	1442642	510.447m	564.480m
7) L3 Aroclor-1016 (5)	7.60f	9.75f	995992	558233	464.342m	554.998
Sum Aroclor-1016 (1)			6704334	3167697	2421.396	2605.520
verage Aroclor-1016 (1)					484.279	521.104
Sum Aroclor-1221 (1)			0	0	N.D.	N.D.
verage Aroclor-1221 (1)					0.000	0.000
Sum Aroclor-1232 (1)			0	0	N.D.	N.D.
verage Aroclor-1232 (1)					0.000	0.000
Sum Aroclor-1242 (1)			0	0	N.D.	N.D.
verage Aroclor-1242 (1)					0.000	0.000
Sum Aroclor-1248 (1)			0	0	N.D.	N.D.
verage Aroclor-1248 (1)					0.000	0.000
Sum Aroclor-1254 (1)			0	0	N.D.	N.D.
verage Aroclor-1254 (1)					0.000	0.000
8) L9 Aroclor-1260 (1)	11.39	14.83f	2188605	1149677	586.594	645.522
9) L9 Aroclor-1260 (2)	12.22f	15.42f	4851091	1672472	609.817	782.645 #
0) L9 Aroclor-1260 (3)	13.09f	15.89f	3705168	1231417	592.738	736.410
1) L9 Aroclor-1260 (4)	14.13	16.44f	1439308	1768837	489.412m	725.881 #
2) L9 Aroclor-1260 (5)	15.03	17.50f	5054274	1101352	639.421m	853.716 #
Sum Aroclor-1260 (1)			17238446	6923755	2917.982	3744.175
verage Aroclor-1260 (1)					583.596	748.835

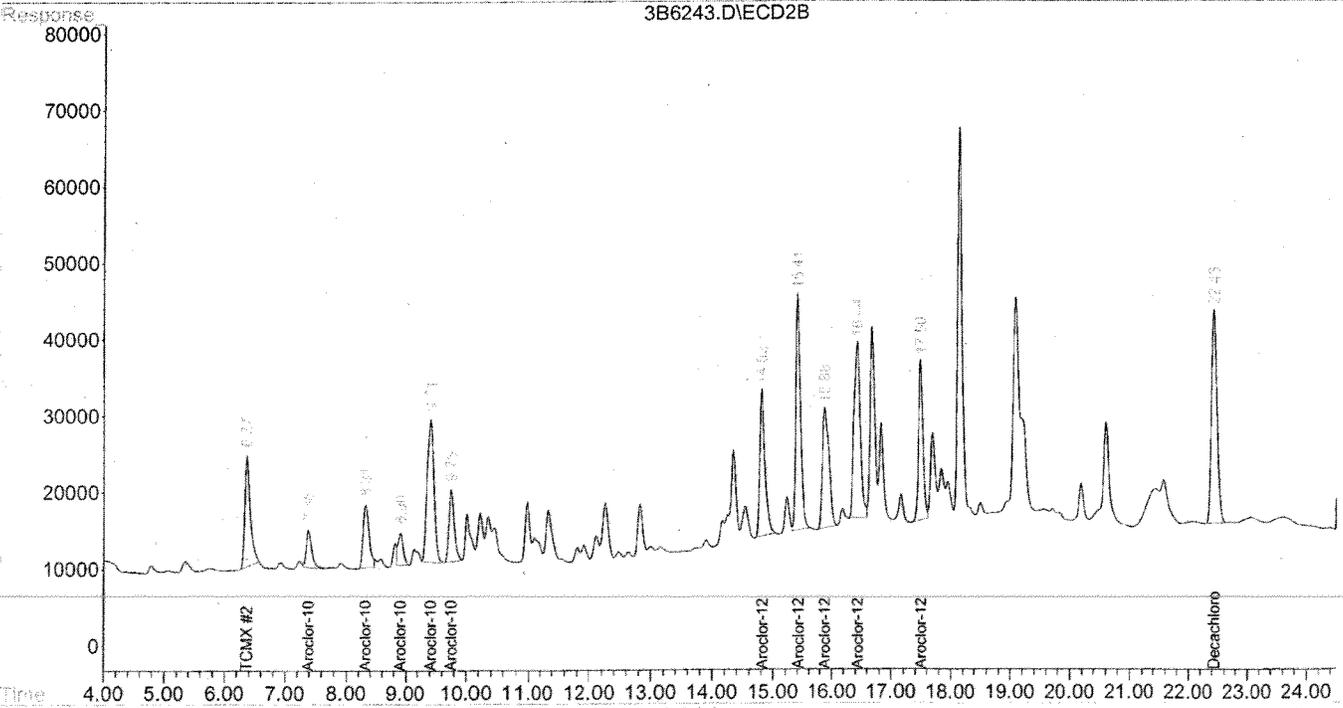
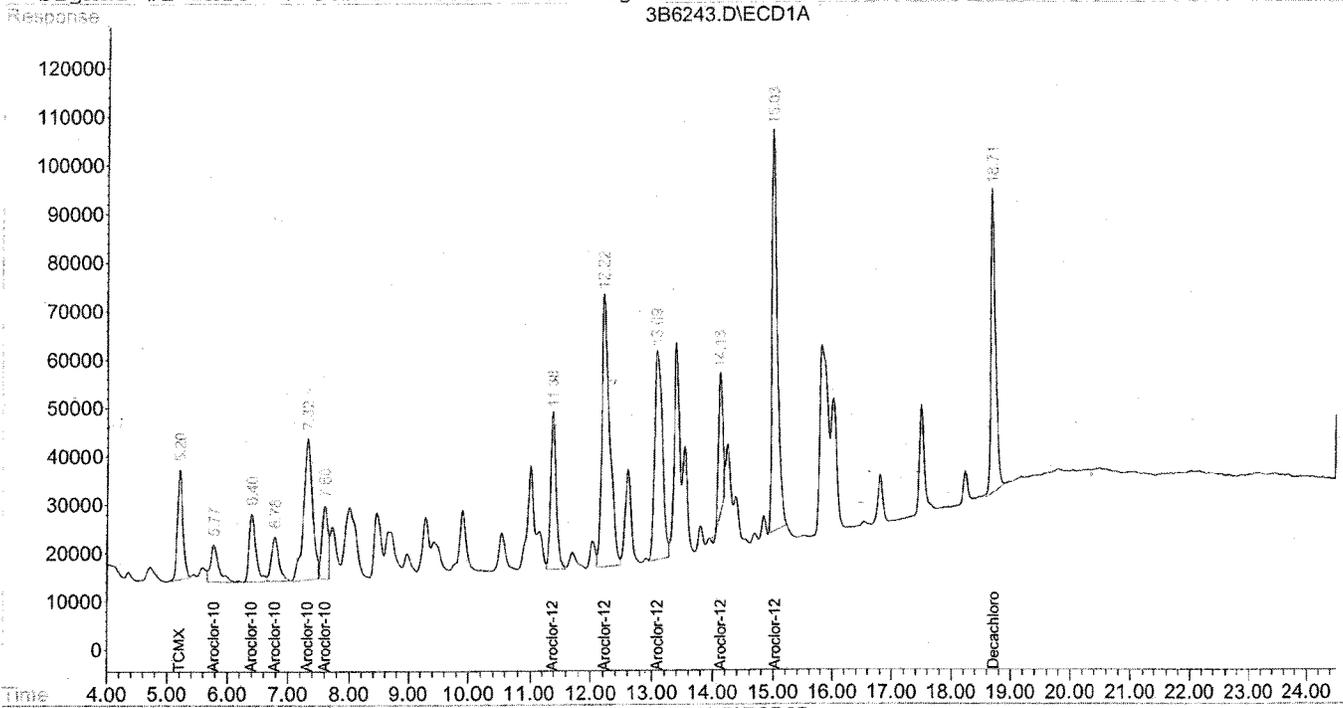
Quantitation Report

Signal #1 : G:\HPCHEM\GCECD3\DATA\06222011\3B6243.D\ECD1A.CH Vial: 8
Signal #2 : G:\HPCHEM\GCECD3\DATA\06222011\3B6243.D\ECD2B.CH
Acq On : 22 Jun 2011 1:21 pm Operator: RL
Sample : 11060540-3 MSD Inst : GC/ECD-2
Misc : 2170 Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Jun 22 13:56 2011 Quant Results File: 80820301.RES

35

Quant Method : G:\HPCHEM\G...\80820301.M (Chemstation Integrator)
Title : PCBs by EPA Method 8082
Last Update : Wed Jun 22 09:10:35 2011
Response via : Multiple Level Calibration
DataAcq Meth : 80820114.M

Volume Inj. : 2ul
Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um



AQUA PRO-TECH Laboratories
 QUALITY CONTROL REPORT
 GC BLANK SPIKE SUMMARY
 POLYCHLORINATED BIPHENYL

BATCH NUMBER: QGC2170

SPIKED SAMPLE: BLANK

METHOD: 8082

MATRIX: Soil

	SAMPLE	BS
INITIAL WT/VOL:	15	15
FINAL VOL:	10	10
UNITS:	µg/kg	

Compound Name	Conc. Added	Blank Conc.	Blank Spike	
			Conc.	%Rec
Aroclor-1016	333	U	273	82
Aroclor-1260	333	U	318	95.5

QC Limits:	Compound	Percent Recovery Limits
	Aroclor-1016	74 - 115
	Aroclor-1260	88 - 124

* Values outside QC Limits

Quantitation Report (QT Reviewed)

37

Signal #1 : G:\HPCHEM\GCECD3\DATA\07222011\3B6504.D\ECD1A.CH Vial: 3
 Signal #2 : G:\HPCHEM\GCECD3\DATA\07222011\3B6504.D\ECD2B.CH
 Acq On : 22 Jul 2011 10:04 am Operator: RL
 Sample : SPC 201 BS Inst : GC/ECD-2
 Misc : 2170 Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Jul 22 10:33 2011 Quant Results File: 80820301.RES

Quant Method : G:\HPCHEM\G... \80820301.M (Chemstation Integrator)
 Title : PCBs by EPA Method 8082
 Last Update : Mon Jul 11 12:50:48 2011
 Response via : Initial Calibration
 DataAcq Meth : 80820114.M

Volume Inj. : 2ul
 Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
 Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um

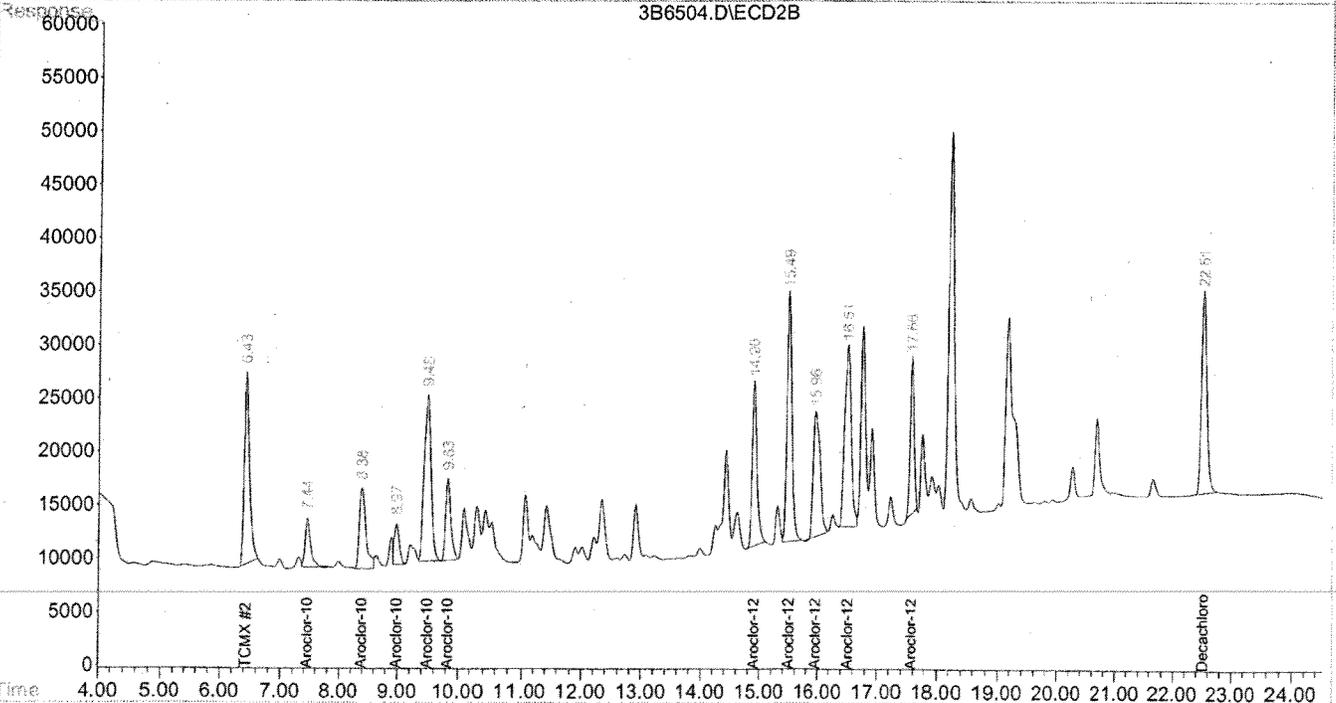
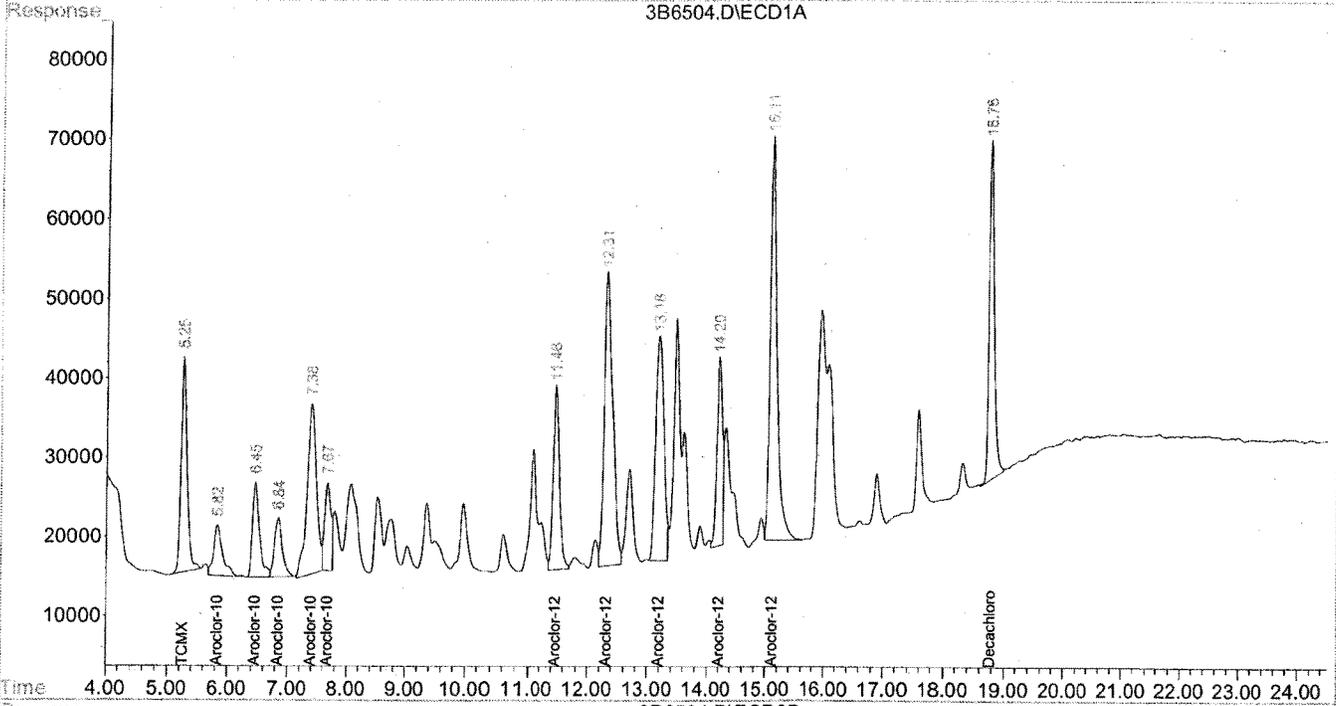
Compound	RT#1	RT#2	Resp#1	Resp#2	ug/kg	ug/kg
System Monitoring Compounds						
1) S TCMX	5.25	6.43	1910393	1061889	35.865	44.133
Spiked Amount	50.000	Range 18 -	129	Recovery =	71.73%	88.27%
2) S Decachlorobiphen	18.76	22.51	2500833	1182720	36.137m	38.273
Spiked Amount	50.000	Range 46 -	135	Recovery =	72.27%	76.55%
Target Compounds						
3) L3 Aroclor-1016 (1)	5.82	7.44	650580	297788	419.106m	468.048m
4) L3 Aroclor-1016 (2)	6.45	8.38	991470	618710	415.128	483.085m
5) L3 Aroclor-1016 (3)	6.84	8.97	670346	222984	415.936	468.302m
6) L3 Aroclor-1016 (4)	7.38f	9.48	2433536	1234430	407.820m	483.011m
7) L3 Aroclor-1016 (5)	7.67f	9.83	842894	470319	392.966m	467.592
Sum Aroclor-1016 (1)			5588826	2844231	2050.955	2370.039
Average Aroclor-1016 (1)					410.191	474.008
Sum Aroclor-1221 (1)			0	0	N.D.	N.D.
Average Aroclor-1221 (1)					0.000	0.000
Sum Aroclor-1232 (1)			0	0	N.D.	N.D.
Average Aroclor-1232 (1)					0.000	0.000
Sum Aroclor-1242 (1)			0	0	N.D.	N.D.
Average Aroclor-1242 (1)					0.000	0.000
Sum Aroclor-1248 (1)			0	0	N.D.	N.D.
Average Aroclor-1248 (1)					0.000	0.000
Sum Aroclor-1254 (1)			0	0	N.D.	N.D.
Average Aroclor-1254 (1)					0.000	0.000
8) L9 Aroclor-1260 (1)	11.46	14.90	1732130	919271	464.248	516.154
9) L9 Aroclor-1260 (2)	12.31	15.49	3660310	1314743	460.128	615.243 #
10) L9 Aroclor-1260 (3)	13.18f	15.96	2642798	944245	422.784m	564.676 #
11) L9 Aroclor-1260 (4)	14.20	16.51	1554450	1326457	528.564m	544.341
12) L9 Aroclor-1260 (5)	15.11	17.56	4036072	720018	510.607	558.124m
Sum Aroclor-1260 (1)			13625759	5224735	2386.332	2798.538
Average Aroclor-1260 (1)					477.266	559.708

Quantitation Report

Signal #1 : G:\HPCHEM\GCECD3\DATA\07222011\3B6504.D\ECD1A.CH Vial: 3
Signal #2 : G:\HPCHEM\GCECD3\DATA\07222011\3B6504.D\ECD2B.CH
Acq On : 22 Jul 2011 10:04 am Operator: RL
Sample : SPC 201 BS Inst : GC/ECD-2
Misc : 2170 Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Jul 22 10:33 2011 Quant Results File: 80820301.RES

Quant Method : G:\HPCHEM\G...\80820301.M (Chemstation Integrator)
Title : PCBs by EPA Method 8082
Last Update : Mon Jul 11 12:50:48 2011
Response via : Multiple Level Calibration
DataAcq Meth : 80820114.M

Volume Inj. : 2ul
Signal #1 Phase : RTX-50 Signal #2 Phase: RTX-CLPesticides II
Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um



Quantitation Report (QT Reviewed)

39

Signal #1 : G:\HPCHEM\GCECD3\DATA\07222011\3B6503.D\ECD1A.CH Vial: 2
 Signal #2 : G:\HPCHEM\GCECD3\DATA\07222011\3B6503.D\ECD2B.CH
 Acq On : 22 Jul 2011 9:35 am Operator: RL
 Sample : SPC 201 BLK Inst : GC/ECD-2
 Misc : 2170 Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Jul 22 10:31 2011 Quant Results File: 80820301.RES

Quant Method : G:\HPCHEM\G... \80820301.M (Chemstation Integrator)
 Title : PCBs by EPA Method 8082
 Last Update : Mon Jul 11 12:50:48 2011
 Response via : Initial Calibration
 DataAcq Meth : 80820114.M

Volume Inj. : 2ul
 Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
 Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/kg	ug/kg

System Monitoring Compounds						
1) S TCMX	5.26	6.43	1332367	901076	25.013	37.450 #
Spiked Amount	50.000	Range 18 - 129	Recovery =		50.03%	74.90%
2) S Decachlorobiphen	18.78	22.52	2248302	1019719	32.488	32.999
Spiked Amount	50.000	Range 46 - 135	Recovery =		64.98%	66.00%
Target Compounds						
Sum Aroclor-1016 (1)			0	0	N.D.	N.D.
Average Aroclor-1016 (1)					0.000	0.000
Sum Aroclor-1221 (1)			0	0	N.D.	N.D.
Average Aroclor-1221 (1)					0.000	0.000
Sum Aroclor-1232 (1)			0	0	N.D.	N.D.
Average Aroclor-1232 (1)					0.000	0.000
Sum Aroclor-1242 (1)			0	0	N.D.	N.D.
Average Aroclor-1242 (1)					0.000	0.000
Sum Aroclor-1248 (1)			0	0	N.D.	N.D.
Average Aroclor-1248 (1)					0.000	0.000
Sum Aroclor-1254 (1)			0	0	N.D.	N.D.
Average Aroclor-1254 (1)					0.000	0.000
Sum Aroclor-1260 (1)			0	0	N.D.	N.D.
Average Aroclor-1260 (1)					0.000	0.000

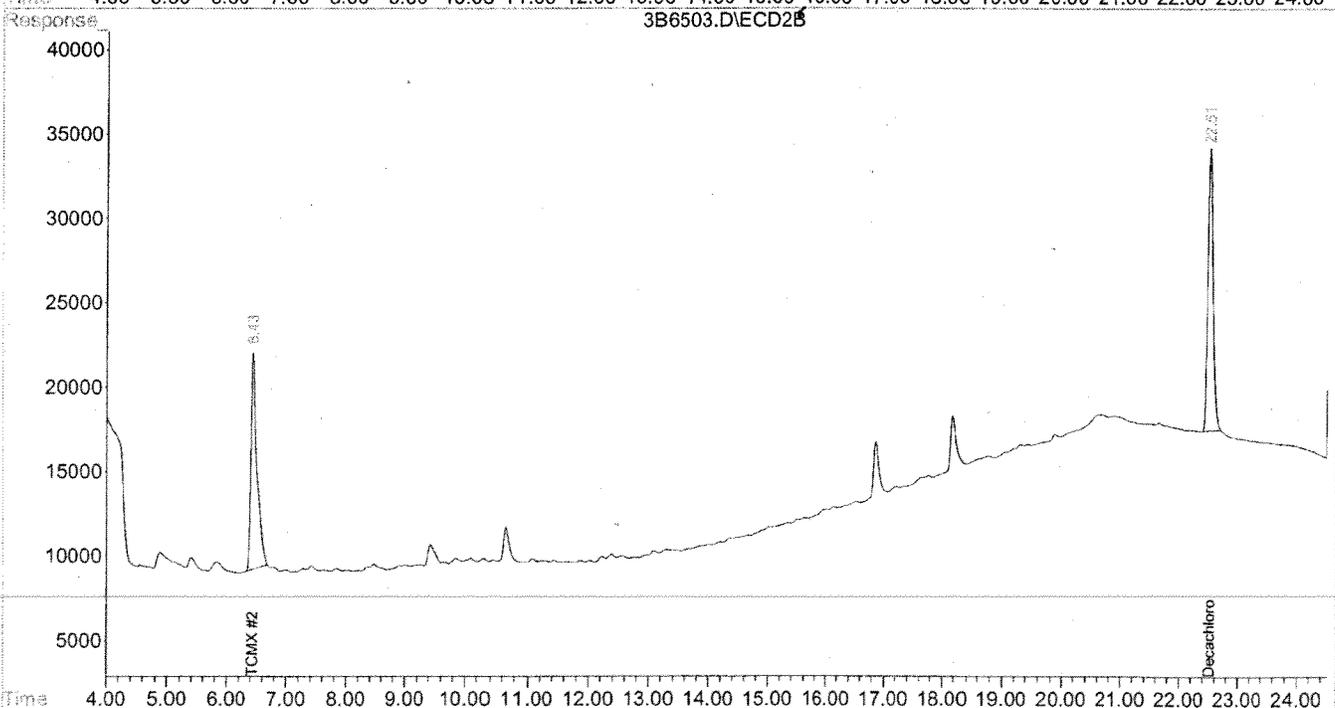
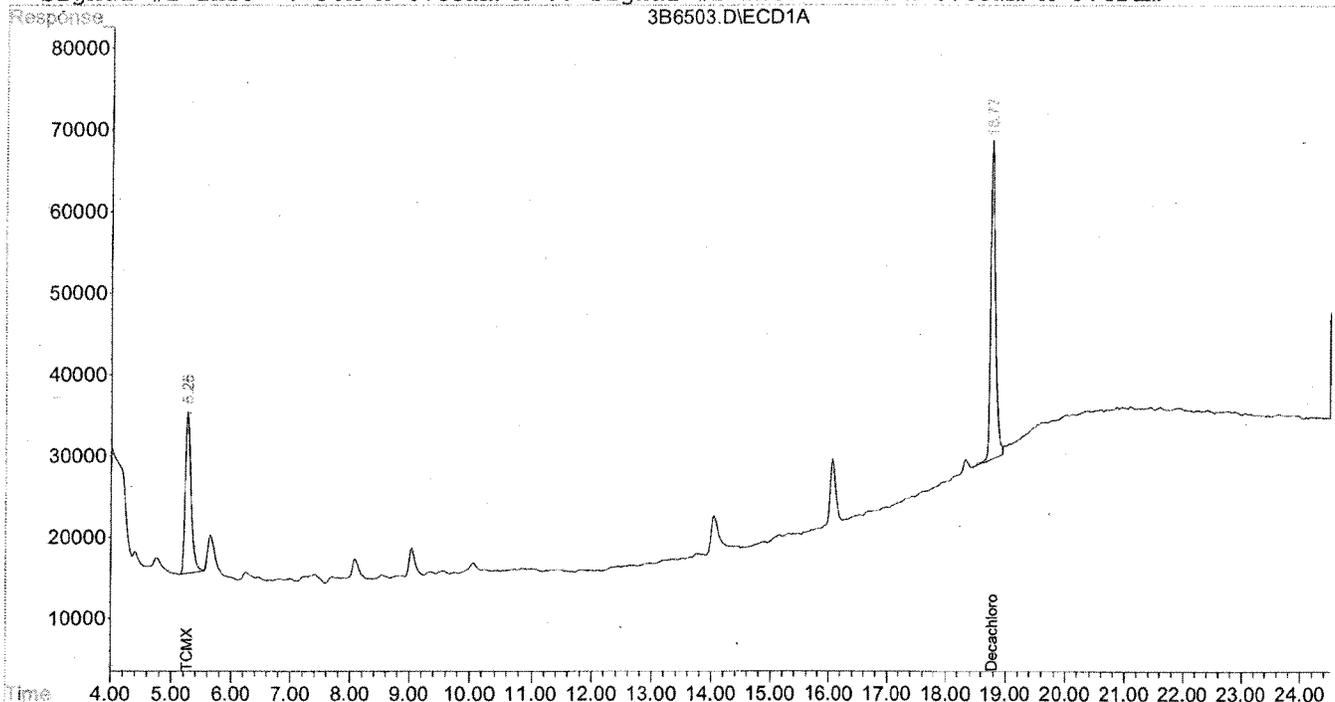
Quantitation Report

40

Signal #1 : G:\HPCHEM\GCECD3\DATA\07222011\3B6503.D\ECD1A.CH Vial: 2
Signal #2 : G:\HPCHEM\GCECD3\DATA\07222011\3B6503.D\ECD2B.CH
Acq On : 22 Jul 2011 9:35 am Operator: RL
Sample : SPC 201 BLK Inst : GC/ECD-2
Misc : 2170 Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Jul 22 10:31 2011 Quant Results File: 80820301.RES

Quant Method : G:\HPCHEM\G...\80820301.M (Chemstation Integrator)
Title : PCBs by EPA Method 8082
Last Update : Mon Jul 11 12:50:48 2011
Response via : Multiple Level Calibration
DataAcq Meth : 80820114.M

Volume Inj. : 2ul
Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um



Response Factor Report GC/ECD-2

41

Method : G:\HPCHEM\GCECD3\METHODS\80820301.M (Chemstation Integrator)
 Title : PCBs by EPA Method 8082
 Last Update : Fri Jul 22 15:15:14 2011

Calibration Files

50 =3B5688.D 250 =3B4596.D 500 =3B6417.D
 1000 =3B5240.D 2000 =3B4593.D

Compound		50	250	500	1000	2000	Avg	%RSD
1) S	TCMX	4.914	5.159	5.529	5.660	5.372	5.327 E4	5.57
2) S	Decachlorobiphenyl	7.501	7.042	7.378	6.778	5.902	6.921 E4	9.19
3) L3	Aroclor-1016 (1)	1.491	1.569	1.611	1.489	1.602	1.552 E3	3.82
4) L3	Aroclor-1016 (2)	2.488	2.472	2.537	2.406	2.039	2.388 E3	8.42
5) L3	Aroclor-1016 (3)	1.532	1.731	1.675	1.606	1.514	1.612 E3	5.71
6) L3	Aroclor-1016 (4)	6.392	6.423	6.172	5.723	5.125	5.967 E3	9.17
7) L3	Aroclor-1016 (5)	2.267	2.365	2.170	2.111	1.812	2.145 E3	9.79
8) L4	Aroclor-1221 (1)				4.660		4.660 E2	0.00
9) L4	Aroclor-1221 (2)				7.226		7.226 E2	0.00
10) L4	Aroclor-1221 (3)				2.421		2.421 E3	0.00
11) L5	Aroclor-1232 (1)				3.611		3.611 E2	0.00
12) L5	Aroclor-1232 (2)				1.639		1.639 E3	0.00
13) L5	Aroclor-1232 (3)				1.149		1.149 E3	0.00
14) L5	Aroclor-1232 (4)				8.977		8.977 E2	0.00
15) L6	Aroclor-1242 (1)				1.190		1.190 E3	0.00
16) L6	Aroclor-1242 (2)				1.858		1.858 E3	0.00
17) L6	Aroclor-1242 (3)				1.289		1.289 E3	0.00
18) L6	Aroclor-1242 (4)				4.434		4.434 E3	0.00
19) L6	Aroclor-1242 (5)				1.545		1.545 E3	0.00
20) L7	Aroclor-1248 (1)				2.792		2.792 E3	0.00
21) L7	Aroclor-1248 (2)				1.415		1.415 E3	0.00
22) L7	Aroclor-1248 (3)				4.140		4.140 E3	0.00
23) L7	Aroclor-1248 (4)				2.532		2.532 E3	0.00
24) L8	Aroclor-1254 (1)				4.317		4.317 E3	0.00
25) L8	Aroclor-1254 (2)				5.930		5.930 E3	0.00
26) L8	Aroclor-1254 (3)				3.739		3.739 E3	0.00
27) L8	Aroclor-1254 (4)				4.241		4.241 E3	0.00
28) L9	Aroclor-1260 (1)	4.018	3.910	3.939	3.628	3.160	3.731 E3	9.42
29) L9	Aroclor-1260 (2)	8.121	8.439	8.348	7.813	7.053	7.955 E3	7.03
30) L9	Aroclor-1260 (3)	5.647	6.462	6.684	6.459	6.003	6.251 E3	6.70
31) L9	Aroclor-1260 (4)	2.877	3.031	3.124	3.010	2.663	2.941 E3	6.07
32) L9	Aroclor-1260 (5)	7.248	8.201	8.432	8.231	7.411	7.904 E3	6.78

Signal #2 Calibration Files

50 =3B5879.D 250 =3B5880.D 500 =3B6417.D
 1000 =3B5182.D 2000 =3B4593.D

Compound		50	250	500	1000	2000	Avg	%RSD
1) S	TCMX	2.108	2.341	2.370	2.558	2.654	2.406 E4	8.79
2) S	Decachlorobiphenyl	3.276	3.098	3.112	3.081	2.883	3.090 E4	4.52
3) L3	Aroclor-1016 (1)	7.044	6.484	6.451	6.285	5.548	6.362 E2	8.45
4) L3	Aroclor-1016 (2)	1.383	1.300	1.304	1.273	1.144	1.281 E3	6.78
5) L3	Aroclor-1016 (3)	4.929	4.832	4.806	4.751	4.490	4.762 E2	3.47
6) L3	Aroclor-1016 (4)	2.902	2.647	2.563	2.405	2.262	2.556 E3	9.53
7) L3	Aroclor-1016 (5)	1.087	1.049	1.010	0.980	0.903	1.006 E3	6.99
8) L4	Aroclor-1221 (1)				3.670		3.670 E2	0.00
9) L4	Aroclor-1221 (2)				2.265		2.265 E2	0.00
10) L4	Aroclor-1221 (3)				1.001		1.001 E3	0.00
11) L5	Aroclor-1232 (1)				1.890		1.890 E2	0.00
12) L5	Aroclor-1232 (2)				7.579		7.579 E2	0.00
13) L5	Aroclor-1232 (3)				6.881		6.881 E2	0.00
14) L5	Aroclor-1232 (4)				1.029		1.029 E3	0.00
15) L6	Aroclor-1242 (1)				5.112		5.112 E2	0.00
16) L6	Aroclor-1242 (2)				9.175		9.175 E2	0.00
17) L6	Aroclor-1242 (3)				3.500		3.500 E2	0.00
18) L6	Aroclor-1242 (4)				1.729		1.729 E3	0.00
19) L6	Aroclor-1242 (5)				7.274		7.274 E2	0.00
20) L7	Aroclor-1248 (1)				4.642		4.642 E2	0.00

(#) = Out of Range
 80820301.M

Mon Jul 25 12:58:20 2011

GC_ECD-2

Page 1

Response Factor Report. GC/ECD-2

42

Method : G:\HPCHEM\GCECD3\METHODS\80820301.M (Chemstation Integrator)
 Title : PCBs by EPA Method 8082
 Last Update : Fri Jul 22 15:15:14 2011

Calibration Files

50 =3B5879.D 250 =3B5880.D 500 =3B6417.D
 1000 =3B5182.D 2000 =3B4593.D

Compound	50	250	500	1000	2000	Avg	%RSD
21) L7 Aroclor-1248 (2)				1.209		1.209 E3	0.00
22) L7 Aroclor-1248 (3)				4.634		4.634 E2	0.00
23) L7 Aroclor-1248 (4)				1.033		1.033 E3	0.00
24) L8 Aroclor-1254 (1)				8.032		8.032 E2	0.00
25) L8 Aroclor-1254 (2)				3.635		3.635 E2	0.00
26) L8 Aroclor-1254 (3)				1.263		1.263 E3	0.00
27) L8 Aroclor-1254 (4)				1.376		1.376 E3	0.00
28) L9 Aroclor-1260 (1)	2.006	1.858	1.798	1.680	1.562	1.781 E3	9.51
29) L9 Aroclor-1260 (2)	2.221	2.128	2.186	2.141	2.008	2.137 E3	3.78
30) L9 Aroclor-1260 (3)	1.683	1.697	1.716	1.662	1.603	1.672 E3	2.59
31) L9 Aroclor-1260 (4)	2.371	2.352	2.442	2.500	2.518	2.437 E3	3.06
32) L9 Aroclor-1260 (5)	1.301	1.262	1.312	1.316	1.260	1.290 E3	2.09

AQUA PRO-TECH Laboratories
CONTINUING CALIBRATION REPORT
POLYCHLORINATED BIPHENYLS

Instrument: GC/ECD-2
Column: RTx-CLPesticides
Primary Column

Data File: 3B6502.D

Compound	Actual Concentration	Cont Cal Factor	Initial Cal Factor	Measured Concentration	%D	Retention Time Window	Date	Time
TCMX	50	61623	53307	58	15.6	5.20 - 5.3	7/22/2011	8:57
DCBP	50	68552	69244	50	1.0	18.67 - 18.87	7/22/2011	8:57
Aroclor-1016 (1)	500	1552	1552	500	0.0	5.75 - 5.89	7/22/2011	8:57
Aroclor-1016 (2)	500	2414	2388	506	1.1	6.39 - 6.53	7/22/2011	8:57
Aroclor-1016 (3)	500	1633	1612	507	1.3	6.77 - 6.91	7/22/2011	8:57
Aroclor-1016 (4)	500	6596	5967	553	10.5	7.30 - 7.44	7/22/2011	8:57
Aroclor-1016 (5)	500	1910	2145	445	11.0	7.59 - 7.73	7/22/2011	8:57
Avg-1016				502	4.8			
Aroclor-1260 (1)	500	3917	3731	525	5.0	11.41 - 11.55	7/22/2011	8:57
Aroclor-1260 (2)	500	8559	7955	538	7.6	12.24 - 12.38	7/22/2011	8:57
Aroclor-1260 (3)	500	7157	6250	573	14.5	13.10 - 13.24	7/22/2011	8:57
Aroclor-1260 (4)	500	2720	2941	462	7.5	14.14 - 14.28	7/22/2011	8:57
Aroclor-1260 (5)	500	8481	7905	536	7.3	15.04 - 15.18	7/22/2011	8:57
Avg-1260				527	8.4			

Signal #1 : G:\HPCHEM\GCECD3\DATA\07222011\3B6502.D\ECD1A.CH Vial: 1
 Signal #2 : G:\HPCHEM\GCECD3\DATA\07222011\3B6502.D\ECD2B.CH
 Acq On : 22 Jul 2011 8:57 am Operator: RL
 Sample : AR1660 500 ppb Inst : GC/ECD-2
 Misc : 9P-01-05 Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Jul 22 15:16 2011 Quant Results File: 80820301.RES

Quant Method : G:\HPCHEM\G...\80820301.M (Chemstation Integrator)
 Title : PCBs by EPA Method 8082
 Last Update : Fri Jul 22 15:15:14 2011
 Response via : Initial Calibration
 DataAcq Meth : 80820114.M

Volume Inj. : 2ul
 Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
 Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/kg	ug/kg

System Monitoring Compounds						
1) S TCMX	5.25	6.43	3081132	1533660	57.844	63.741
Spiked Amount	50.000	Range	18 - 129	Recovery	= 115.69%	127.48%
2) S Decachlorobiphen	18.77	22.52	3427601	1775926	49.528m	57.470
Spiked Amount	50.000	Range	46 - 135	Recovery	= 99.06%	114.94%
Target Compounds						
3) L3 Aroclor-1016 (1)	5.82	7.45	776162	361266	500.006m	567.819m
4) L3 Aroclor-1016 (2)	6.46	8.39	1207228	823584	505.465m	643.050m#
5) L3 Aroclor-1016 (3)	6.84	8.98	816690	309604	506.739m	650.219m#
6) L3 Aroclor-1016 (4)	7.37	9.49	3298162	1653218	552.716m	646.875m
7) L3 Aroclor-1016 (5)	7.66	9.83	954934	678189	445.201m	674.258 #
Sum Aroclor-1016 (1)			7053176	3825861	2510.128	3182.220
Average Aroclor-1016 (1)					502.026	636.444
Sum Aroclor-1221 (1)			0	0	N.D.	N.D.
Average Aroclor-1221 (1)					0.000	0.000
Sum Aroclor-1232 (1)			0	0	N.D.	N.D.
Average Aroclor-1232 (1)					0.000	0.000
Sum Aroclor-1242 (1)			0	0	N.D.	N.D.
Average Aroclor-1242 (1)					0.000	0.000
Sum Aroclor-1248 (1)			0	0	N.D.	N.D.
Average Aroclor-1248 (1)					0.000	0.000
Sum Aroclor-1254 (1)			0	0	N.D.	N.D.
Average Aroclor-1254 (1)					0.000	0.000
28) L9 Aroclor-1260 (1)	11.48	14.91	1958618	1161693	524.952m	652.269
29) L9 Aroclor-1260 (2)	12.31	15.50	4279696	1670717	537.989m	781.824 #
30) L9 Aroclor-1260 (3)	13.17	15.97	3578384	1227273	572.456m	733.932 #
31) L9 Aroclor-1260 (4)	14.21	16.52	1359946	1806401	462.426m	741.297 #
32) L9 Aroclor-1260 (5)	15.11	17.57	4240298	1039673	536.444m	805.905 #
Sum Aroclor-1260 (1)			15416942	6905757	2634.267	3715.226
Average Aroclor-1260 (1)					526.853	743.045

Quantitation Report

Signal #1 : G:\HPCHEM\GCECD3\DATA\07222011\3B6502.D\ECD1A.CH Vial: 1
Signal #2 : G:\HPCHEM\GCECD3\DATA\07222011\3B6502.D\ECD2B.CH
Acq On : 22 Jul 2011 8:57 am Operator: RL
Sample : AR1660 500 ppb Inst : GC/ECD-2
Misc : 9P-01-05 Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Jul 22 15:16 2011 Quant Results File: 80820301.RES

Quant Method : G:\HPCHEM\G...\80820301.M (Chemstation Integrator)
Title : PCBs by EPA Method 8082
Last Update : Fri Jul 22 15:15:14 2011
Response via : Multiple Level Calibration
DataAcq Meth : 80820114.M

Volume Inj. : 2ul
Signal #1 Phase : RTX-50 Signal #2 Phase: RTX-CLPesticides II
Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42um

