Integrated Analytical Laboratories LLC

ANALYTICAL DATA REPORT

JMC Environmental Consultants
2109 Bridge Avenue
Building B
Point Pleasant, NJ 08742

Project Name: **ARSYNCO**
IAL Case Number: **E12-07487**

These data have been reviewed and accepted by:

Michael H. Leffin, Ph.D.
Laboratory Director

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IAL is a NELAC New Jersey Certified Lab (14751) and maintains certification in Connecticut (PH-0699), New York (11402), Rhode Island (00126), Pennsylvania (68-00773) and in the Department of Navy IR QA Program

Sample Summary

IAL Case No. E12-07487

Client JMC Environmental Consultants

Project ARSYNCO

Received On 7/25/2012@17:45

Lab ID	Client Sample ID	Depth Top/Bottom	Sampling Time	Matrix	# of Container
07487-001	S-38 (0-2.0)	0/2	7/25/2012@10:11	Soil	1
07487-002	S-38 (2.0-3.0)	2/3	7/25/2012@10:12	Soil	1
07487-003	S-38 (3.0-4.0)	3/4	7/25/2012@10:13	Soil	1
07487-004	S-38 (4.0-5.5)	4/5.5	7/25/2012@10:14	Soil	1
07487-005	S-38 (6.0-6.75)	6/6.75	7/25/2012@10:15	Soil	1
07487-006	S-38 (6.75-8.0)	6.75/8	7/25/2012@10:16	Soil	1
07487-007	S-39 (0-1.75)	0/1.75	7/25/2012@10:30	Soil	1
07487-008	S-39 (1.75-2.0)	1.75/2	7/25/2012@10:31	Soil	1
07487-009	S-39 (2.0-2.75)	2/2.75	7/25/2012@10:32	Soil	1
07487-010	S-39 (2.75-3.5)	2.75/3.5	7/25/2012@10:33	Soil	1
07487-011	S-39 (4.0-5.0)	4/5	7/25/2012@10:34	Soil	1
07487-012	S-39 (5.0-6.0)	5/6	7/25/2012@10:35	Soil	1
07487-013	R-39 (0-2.0)	0/2	7/25/2012@10:52	Soil	1
07487-014	R-39 (2.0-3.0)	2/3	7/25/2012@10:53	Soil	1
07487-015	R-39 (3.0-4.0)	3/4	7/25/2012@10:54	Soil	1
07487-016	R-39 (4.5-5.0)	4.5/5	7/25/2012@10:55	Soil	1
07487-017	R-39 (5.0-6.0)	5/6	7/25/2012@10:56	Soil	1
07487-018	R-38 (0-2.0)	0/2	7/25/2012@11:06	Soil	1
07487-019	R-38 (2.0-3.0)	2/3	7/25/2012@11:07	Soil	1
07487-020	R-38 (3.0-4.0)	3/4	7/25/2012@11:08	Soil	1
07487-021	R-38 (4.0-4.75)	4/4.75	7/25/2012@11:09	Soil	1
07487-022	R-38 (4.75-6.0)	4.75/6	7/25/2012@11:10	Soil	1
07487-023	R-37 (0-2.0)	0/2	7/25/2012@11:24	Soil	1
07487-024	R-37 (2.0-4.0)	2/4	7/25/2012@11:25	Soil	1
07487-025	R-37 (4.0-4.75)	4/4.75	7/25/2012@11:26	Soil	1
07487-026	R-37 (4.75-6.0)	4.75/6	7/25/2012@11:27	Soil	1
07487-027	R-36 (0-2.0)	0/2	7/25/2012@11:38	Soil	1
07487-028	R-36 (2.0-3.25)	2/3.25	7/25/2012@11:39	Soil	1
07487-029	R-36 (3.25-4.0)	3.25/4	7/25/2012@11:40	Soil	1
07487-030	R-36 (4.0-6.0)	4/6	7/25/2012@11:41	Soil	1
07487-031	Q-36 (0-2.0)	0/2	7/25/2012@11:56	Soil	1
07487-032	Q-36 (2.0-4.0)	2/4	7/25/2012@11:57	Soil	1
07487-033	Q-36 (4.0-5.0)	4/5	7/25/2012@11:58	Soil	1
07487-034	Q-36 (5.0-6.0)	5/6	7/25/2012@11:59	Soil	1
07487-035	Q-38 (0-2.0)	0/2	7/25/2012@12:36	Soil	1
07487-036	Q-38 (2.0-4.0)	2/4	7/25/2012@12:37	Soil	1
07487-037	Q-38 (4.0-4.75)	4/4.75	7/25/2012@12:38	Soil	1
07487-038	Q-38 (4.75-6.0)	4.75/6	7/25/2012@12:39	Soil	1
07487-039	Q-39 (0-2.0)	0/2	7/25/2012@13:50	Soil	1
07487-040	Q-39 (2.0-3.0)	2/3	7/25/2012@13:51	Soil	1
07487-041	Q-39 (3.0-4.0)	3/4	7/25/2012@13:52	Soil	1
07487-042	Q-39 (4.0-6.0)	4/6	7/25/2012@13:52	Soil	1
07487-043	Q-39 (6.0-7.0)	6/7	7/25/2012@13:53	Soil	1
07487-044	Q-39 (7.0-8.0)	7/8	7/25/2012@13:54	Soil	1
07487-045	P-39 (0-1.75)	0/1.75	7/25/2012@14:15	Soil	1
07487-046	P-39 (1.75-2.0)	1.75/2	7/25/2012@14:16	Soil	1

Integrated Analytical Labs ~ 273 Franklin Road, Randolph, NJ 07869 ~ (973) 361-4252 ~ Fax (973) 989-5288

Sample Summary

IAL Case No.

E12-07487

Client JMC Environmental Consultants

Project ARSYNCO

Received On 7/25/2012@17:45

Lab ID	Client Sample ID	Depth Top/Bottom	Sampling Time	Matrix	# of Container
07487-047	P-39 (2.0-3.0)	2/3	7/25/2012@14:17	Soil	1
07487-048	P-39 (3.0-4.0)	3/4	7/25/2012@14:17	Soil	1
07487-049	P-39 (4.0-4.25)	4/4.25	7/25/2012@14:18	Soil	1
07487-050	P-39 (4.25-6.0)	4.25/6	7/25/2012@14:19	Soil	1
07487-051	P-39 (6.0-8.0)	6/8	7/25/2012@14:20	Soil	1
07487-052	P-40 (0-2.0)	0/2	7/25/2012@14:37	Soil	1
07487-053	P-40 (2.0-4.0)	2/4	7/25/2012@14:38	Soil	1
07487-054	P-40 (4.0-5.0)	4/5	7/25/2012@14:39	Soil	1
07487-055	P-40 (5.0-6.0)	5/6	7/25/2012@14:40	Soil	1
07487-056	P-40 (6.0-8.0)	6/8	7/25/2012@14:40	Soil	1
07487-057	P-38 (0-2.0)	0/2	7/25/2012@14:53	Soil	1
07487-058	P-38 (2.0-4.0)	2/4	7/25/2012@14:53	Soil	1
07487-059	P-38 (4.0-5.0)	4/5	7/25/2012@14:54	Soil	1
07487-060	P-38 (5.0-6.0)	5/6	7/25/2012@14:55	Soil	1
07487-061	P-37 (0-2.0)	0/2	7/25/2012@15:05	Soil	1
07487-062	P-37 (2.0-3.5)	2/3.5	7/25/2012@15:06	Soil	1
07487-063	P-37 (3.5-4.0)	3.5/4	7/25/2012@15:07	Soil	1
07487-064	P-37 (4.0-6.0)	4/6	7/25/2012@15:08	Soil	1
07487-065	FB-20	n/a	7/25/2012@15:15	Aqueous	2

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INTEGRATED ANALYTICAL LABORATORIES, LLC.

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This report was finalized on August 15, 2012

* Methodology is included in the IAL Project Information Page

INTEGRATED ANALYTICAL LABORATORIES, LLC.

DEFINITIONS / QUALIFIERS

DATA QUALIFIERS

B Indicates the analyte was found in the associated method blank as well as in the sample. It indicates probable laboratory contamination.

C Indicates analyte is a common laboratory contaminant.

D Indicated analyte was reported from diluted analysis.

E Identifies a compound concentration that exceeds the upper level of the calibration range of the instrument for that specific analysis.

J Indicates an estimated value. This flag is used when the concentration in the sample is below the RL but above the MDL.

REPORTING DEFINITIONS

RL Reporting Limit. The RL is determined by the lowest concentration in the calibration curve. For most Wet Chemistry methods, the RL is defined by using the PQL.

MDL Method Detection Limit as determined according to 40CFR Part 136 Appendix B.

PQL Practical Quantitation Limit. Usually defined as a value 3-5 times the MDL.

ND Indicates analyte was analyzed for but not detected above the MDL.

DF Dilution Factor

LCS Laboratory Control Sample

LCSD Laboratory Control Sample Duplicate

MS Matrix Spike

MSD Matrix Spike Duplicate

DUP Duplicate

CONFORMANCE / NON-CONFORMANCE SUMMARIES

INTEGRATED ANALYTICAL LABORATORIES, LLC.

CONFORMANCE / NONCONFORMANCE SUMMARY

Integrated Analytical Laboratories, LLC. received one (1) aqueous and sixty-four (64) soil sample(s) from JMC Environmental Consultants (IAL SDG # E12-07487, Project: ARSYNCO) on July 25, 2012 for the analysis of:

(65) TCL PCB

A review of the QA/QC measures for the analysis of the sample(s) contained in this report has been performed by:

Reviewed by

8/16/12
Date

INTEGRATED ANALYTICAL LABORATORIES
CONFORMANCE/NONCONFORMANCE SUMMARY
GC ANALYSIS - PCB'S

Lab Case Number: E12- 07487

		No	Yes
1.	Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks).		✓
2.	Standards Summary submitted.		✓
3.	Calibration - Initial calibration performed within 30 days before sample analysis and continuing calibration performed within 12 hrs of the sample analysis.		✓
4.	Blank Contamination - If yes, list compounds and concentrations in each blank:	✓	
5.	Surrogate Recoveries meet criteria (if applicable). If not met, list those compounds and their recoveries which fall outside the acceptable range: 07487 #42, 54, 41, 43, 45, 46, 48, 49, 58 surrogate diluted out	✓	
6.	Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range) acceptable range: MS/MSD failed criteria due to matrix interference	✓	
7.	Retention Time Shift Meet Criteria (if applicable).		✓
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 number of days exceeded for each sample:		✓

Comments: please see next page

Organic Manager

08-15-12
Date

INTEGRATED ANALYTICAL LABORATORIES
CONFORMANCE/NONCONFORMANCE SUMMARY
GC ANALYSIS - PCB'S, PESTICIDES, HERBICIDES

Additional comments for GC analytical results

Client/ Project: JMC/ARSYNCO

IAL Case Number: E12 - 07487

GC Analysis:		
	PCB'S	X
	PESTICIDES	
	HERBICIDES	

(check box for correct analysis)

As per EPA Method SW-846 8000C Section 11.10.4, the following samples are being reported with compound results that are significantly higher (> 40%) difference between primary and secondary column quantitations:

07487 #045
#049
#056
#058

This exceedence is caused by sample matrix interference in the analytical run.

rev 01/12

INTEGRATED ANALYTICAL LABORATORIES
CONFORMANCE/NONCONFORMANCE SUMMARY
GC ANALYSIS - PCB'S

Lab Case Number: E12 - 07487

		No	Yes
1	Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks)		✓
2.	Standards Summary submitted		✓
3.	Calibration - Initial calibration performed within 30 days before sample analysis and continuing calibration performed within 12 hrs of the sample analysis.		✓
4.	Blank Contamination - If yes, list compounds and concentrations in each blank:	✓	
5.	Surrogate Recoveries meet criteria (if applicable). If not met, list those compounds and their recoveries which fall outside the acceptable range:		✓
6.	Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range) acceptable range:		✓
7.	Retention Time Shift Meet Criteria (if applicable).		✓
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 number of days exceeded for each sample:		✓

Comments:

Organic Manager

08-07-12
Date

INTEGRATED ANALYTICAL LABORATORIES
CONFORMANCE/NONCONFORMANCE SUMMARY
GC ANALYSIS - PCB'S

Lab Case Number: E12- 07487

		No	Yes
1.	Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks).		✓
2.	Standards Summary submitted.		✓
3.	Calibration - Initial calibration performed within 30 days before sample analysis and continuing calibration performed within 12 hrs of the sample analysis.		✓
4.	Blank Contamination - If yes, list compounds and concentrations in each blank:	✓	
5.	Surrogate Recoveries meet criteria (if applicable). If not met, list those compounds and their recoveries which fall outside the acceptable range: 07487# 020, 036, 39, MS, MSD, 23, 35 surrogate diluted out	✓	
6.	Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range) acceptable range: MS/MSD failed criteria due to matrix interference	✓	
7.	Retention Time Shift Meet Criteria (if applicable).		✓
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 number of days exceeded for each sample:		✓

Comments:

Organic Manager

08-15-12
Date

INTEGRATED ANALYTICAL LABORATORIES
CONFORMANCE/NONCONFORMANCE SUMMARY
GC ANALYSIS - PCB'S

Lab Case Number: E12- 07487

		No	Yes
1.	Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks).		✓
2.	Standards Summary submitted.		✓
3.	Calibration - Initial calibration performed within 30 days before sample analysis and continuing calibration performed within 12 hrs of the sample analysis.		✓
4.	Blank Contamination - If yes, list compounds and concentrations in each blank:	✓	
5.	Surrogate Recoveries meet criteria (if applicable). If not met, list those compounds and their recoveries which fall outside the acceptable range: 07487 #2,3,4,8,9,10,15,19, MS,MSD surrogate diluted out	✓	
6.	Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range) acceptable range: MS/MSD failed criteria due to matrix interference	✓	
7.	Retention Time Shift Meet Criteria (if applicable).		✓
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 number of days exceeded for each sample:		✓

Comments: please see next page

Organic Manager

08-15-12
Date

INTEGRATED ANALYTICAL LABORATORIES
CONFORMANCE/NONCONFORMANCE SUMMARY
GC ANALYSIS - PCB'S, PESTICIDES, HERBICIDES

Additional comments for GC analytical results

Client/ Project: JMC/ARSYNCO

IAL Case Number: E12 - 07487

GC Analysis:	PCB'S	X
	PESTICIDES	
	HERBICIDES	

(check box for correct analysis)

As per EPA Method SW-846 8000C Section 11.10.4, the following samples are being reported with compound results that are significantly higher (> 40%) difference between primary and secondary column quantitations:

07487 #007
#013
#005
#019

This exceedence is caused by sample matrix interference in the analytical run.

rev 01/12

INTEGRATED ANALYTICAL LABORATORIES
CONFORMANCE/NONCONFORMANCE SUMMARY
GC ANALYSIS - PCB'S

Lab Case Number: E12 - 07487

		No	Yes
1.	Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks).		✓
2.	Standards Summary submitted.		✓
3.	Calibration - Initial calibration performed within 30 days before sample analysis and continuing calibration performed within 12 hrs of the sample analysis.		✓
4.	Blank Contamination - If yes, list compounds and concentrations in each blank:	✓	
5.	Surrogate Recoveries meet criteria (if applicable). If not met, list those compounds and their recoveries which fall outside the acceptable range:		✓
6.	Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range) acceptable range: MS/MSD failed criteria due to matrix interference	✓	
7.	Retention Time Shift Meet Criteria (if applicable).		✓
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 number of days exceeded for each sample:		✓

Comments: please see next page

Organic Manager

08-15-12
Date

INTEGRATED ANALYTICAL LABORATORIES
CONFORMANCE/NONCONFORMANCE SUMMARY
GC ANALYSIS - PCB'S, PESTICIDES, HERBICIDES

Additional comments for GC analytical results

Client/ Project: JMC / ARSYNCO

IAL Case Number: E12 - 07487

GC Analysis: PCB'S [X]

PESTICIDES [ ]

HERBICIDES [ ]

(check box for correct analysis)

As per EPA Method SW-846 8000C Section 11.10.4, the following samples are being reported with compound results that are significantly higher (> 40%) difference between primary and secondary column quantitations:

07487#062

This exceedence is caused by sample matrix interference in the analytical run.

RESULTS SUMMARY REPORT

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-07487

Lab ID:	**07487-065**	
Client ID:	**FB-20**	
Matrix:	**Aqueous**	
Sampled Date	**7/25/12**	
PARAMETER(Units)	Conc Q	MDL
PCB's (Units)	*(mg/L-ppm)*	
Aroclor-1016	ND	0.00002
Aroclor-1221	ND	0.00002
Aroclor-1232	ND	0.00002
Aroclor-1242	ND	0.00002
Aroclor-1248	ND	0.00002
Aroclor-1254	ND	0.00002
Aroclor-1260	ND	0.00002
Aroclor-1262	ND	0.00002
Aroclor-1268	ND	0.00002
PCBs	ND	0.00002

Lab ID:	**07487-001**		**07487-002**		**07487-003**		**07487-004**	
Client ID:	**S-38 (0-2.0)**		**S-38 (2.0-3.0)**		**S-38 (3.0-4.0)**		**S-38 (4.0-5.5)**	
Depth:	**0/2**		**2/3**		**3/4**		**4/5.5**	
Matrix:	**Soil**		**Soil**		**Soil**		**Soil**	
Sampled Date	**7/25/12**		**7/25/12**		**7/25/12**		**7/25/12**	
PARAMETER(Units)	Conc Q	MDL	Conc Q	MDL	Conc Q	MDL	Conc Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*		*(mg/Kg-ppm)*		*(mg/Kg-ppm)*		*(mg/Kg-ppm)*	
Aroclor-1016	ND	0.166	ND	1.77	ND	20.9	ND	1.93
Aroclor-1221	ND	0.166	ND	1.77	ND	20.9	ND	1.93
Aroclor-1232	ND	0.166	ND	1.77	ND	20.9	ND	1.93
Aroclor-1242	ND	0.166	ND	1.77	ND	20.9	ND	1.93
Aroclor-1248	16.4	0.166	ND	1.77	ND	20.9	ND	1.93
Aroclor-1254	ND	0.166	ND	1.77	ND	20.9	ND	1.93
Aroclor-1260	12.9	0.166	424	1.77	1560	20.9	115	1.93
Aroclor-1262	ND	0.166	ND	1.77	ND	20.9	ND	1.93
Aroclor-1268	ND	0.166	ND	1.77	ND	20.9	ND	1.93
PCBs	29.3	0.166	424	1.77	1560	20.9	115	1.93

Lab ID:	**07487-005**		**07487-006**		**07487-007**		**07487-008**	
Client ID:	**S-38 (6.0-6.75)**		**S-38 (6.75-8.0)**		**S-39 (0-1.75)**		**S-39 (1.75-2.0)**	
Depth:	**6/6.75**		**6.75/8**		**0/1.75**		**1.75/2**	
Matrix:	**Soil**		**Soil**		**Soil**		**Soil**	
Sampled Date	**7/25/12**		**7/25/12**		**7/25/12**		**7/25/12**	
PARAMETER(Units)	Conc Q	MDL	Conc Q	MDL	Conc Q	MDL	Conc Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*		*(mg/Kg-ppm)*		*(mg/Kg-ppm)*		*(mg/Kg-ppm)*	
Aroclor-1016	ND	0.482	ND	0.018	ND	0.165	ND	20.7
Aroclor-1221	ND	0.482	ND	0.018	ND	0.165	ND	20.7
Aroclor-1232	ND	0.482	ND	0.018	ND	0.165	ND	20.7
Aroclor-1242	ND	0.482	ND	0.018	ND	0.165	ND	20.7
Aroclor-1248	ND	0.482	ND	0.018	28.0	0.165	ND	20.7
Aroclor-1254	37.9	0.482	ND	0.018	ND	0.165	ND	20.7
Aroclor-1260	93.1	0.482	0.541	0.018	19.7	0.165	371	20.7
Aroclor-1262	ND	0.482	ND	0.018	ND	0.165	ND	20.7
Aroclor-1268	ND	0.482	ND	0.018	ND	0.165	ND	20.7
PCBs	131	0.482	0.541	0.018	47.7	0.165	371	20.7

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-07487

Lab ID:	07487-009			07487-010			07487-011			07487-012		
Client ID:	S-39 (2.0-2.75)			S-39 (2.75-3.5)			S-39 (4.0-5.0)			S-39 (5.0-6.0)		
Depth:	2/2.75			2.75/3.5			4/5			5/6		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/25/12			7/25/12			7/25/12			7/25/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		1.84	ND		3.02	ND		0.059	ND		0.015
Aroclor-1221	ND		1.84	ND		3.02	ND		0.059	ND		0.015
Aroclor-1232	ND		1.84	ND		3.02	ND		0.059	ND		0.015
Aroclor-1242	ND		1.84	ND		3.02	ND		0.059	ND		0.015
Aroclor-1248	ND		1.84	ND		3.02	ND		0.059	ND		0.015
Aroclor-1254	349		1.84	ND		3.02	ND		0.059	ND		0.015
Aroclor-1260	310		1.84	991		3.02	0.692		0.059	0.293		0.015
Aroclor-1262	ND		1.84	ND		3.02	ND		0.059	ND		0.015
Aroclor-1268	ND		1.84	ND		3.02	ND		0.059	ND		0.015
PCBs	659		1.84	991		3.02	0.692		0.059	0.293		0.015

Lab ID:	07487-013			07487-014			07487-015			07487-016		
Client ID:	R-39 (0-2.0)			R-39 (2.0-3.0)			R-39 (3.0-4.0)			R-39 (4.5-5.0)		
Depth:	0/2			2/3			3/4			4.5/5		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/25/12			7/25/12			7/25/12			7/25/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.166	ND		0.176	ND		1.90	ND		0.041
Aroclor-1221	ND		0.166	ND		0.176	ND		1.90	ND		0.041
Aroclor-1232	ND		0.166	ND		0.176	ND		1.90	ND		0.041
Aroclor-1242	ND		0.166	ND		0.176	ND		1.90	ND		0.041
Aroclor-1248	63.5		0.166	ND		0.176	ND		1.90	ND		0.041
Aroclor-1254	ND		0.166	28.8		0.176	ND		1.90	1.52		0.041
Aroclor-1260	15.2		0.166	26.9		0.176	589		1.90	ND		0.041
Aroclor-1262	ND		0.166	ND		0.176	ND		1.90	ND		0.041
Aroclor-1268	ND		0.166	ND		0.176	ND		1.90	ND		0.041
PCBs	78.7		0.166	55.7		0.176	589		1.90	1.52		0.041

Lab ID:	07487-017			07487-018			07487-019			07487-020		
Client ID:	R-39 (5.0-6.0)			R-38 (0-2.0)			R-38 (2.0-3.0)			R-38 (3.0-4.0)		
Depth:	5/6			0/2			2/3			3/4		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/25/12			7/25/12			7/25/12			7/25/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.022	ND		0.015	ND		1.56	ND		23.7
Aroclor-1221	ND		0.022	ND		0.015	ND		1.56	ND		23.7
Aroclor-1232	ND		0.022	ND		0.015	ND		1.56	ND		23.7
Aroclor-1242	ND		0.022	ND		0.015	ND		1.56	ND		23.7
Aroclor-1248	ND		0.022	ND		0.015	ND		1.56	ND		23.7
Aroclor-1254	0.357		0.022	0.483		0.015	28.9		1.56	ND		23.7
Aroclor-1260	ND		0.022	0.650		0.015	ND		1.56	2340		23.7
Aroclor-1262	ND		0.022	ND		0.015	ND		1.56	ND		23.7
Aroclor-1268	ND		0.022	ND		0.015	ND		1.56	ND		23.7
PCBs	0.357		0.022	1.13		0.015	28.9		1.56	2340		23.7

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT

Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-07487

Lab ID:	07487-021			07487-022			07487-023			07487-024		
Client ID:	R-38 (4.0-4.75)			R-38 (4.75-6.0)			R-37 (0-2.0)			R-37 (2.0-4.0)		
Depth:	4/4.75			4.75/6			0/2			2/4		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/25/12			7/25/12			7/25/12			7/25/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.072	ND		0.019	ND		1.78	ND		0.017
Aroclor-1221	ND		0.072	ND		0.019	ND		1.78	ND		0.017
Aroclor-1232	ND		0.072	ND		0.019	ND		1.78	ND		0.017
Aroclor-1242	ND		0.072	ND		0.019	ND		1.78	ND		0.017
Aroclor-1248	ND		0.072	ND		0.019	136		1.78	ND		0.017
Aroclor-1254	ND		0.072	ND		0.019	ND		1.78	ND		0.017
Aroclor-1260	5.88		0.072	0.146		0.019	45.8		1.78	0.258		0.017
Aroclor-1262	ND		0.072	ND		0.019	ND		1.78	ND		0.017
Aroclor-1268	ND		0.072	ND		0.019	ND		1.78	ND		0.017
PCBs	5.88		0.072	0.146		0.019	182		1.78	0.258		0.017

Lab ID:	07487-025			07487-026			07487-027			07487-028		
Client ID:	R-37 (4.0-4.75)			R-37 (4.75-6.0)			R-36 (0-2.0)			R-36 (2.0-3.25)		
Depth:	4/4.75			4.75/6			0/2			2/3.25		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/25/12			7/25/12			7/25/12			7/25/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.036	ND		0.019	ND		0.163	ND		0.017
Aroclor-1221	ND		0.036	ND		0.019	ND		0.163	ND		0.017
Aroclor-1232	ND		0.036	ND		0.019	ND		0.163	ND		0.017
Aroclor-1242	ND		0.036	ND		0.019	ND		0.163	ND		0.017
Aroclor-1248	ND		0.036	ND		0.019	ND		0.163	0.222		0.017
Aroclor-1254	ND		0.036	ND		0.019	ND		0.163	ND		0.017
Aroclor-1260	0.381		0.036	ND		0.019	9.98		0.163	0.168		0.017
Aroclor-1262	ND		0.036	ND		0.019	ND		0.163	ND		0.017
Aroclor-1268	ND		0.036	ND		0.019	ND		0.163	ND		0.017
PCBs	0.381		0.036	ND		0.019	9.98		0.163	0.390		0.017

Lab ID:	07487-029			07487-030			07487-031			07487-032		
Client ID:	R-36 (3.25-4.0)			R-36 (4.0-6.0)			Q-36 (0-2.0)			Q-36 (2.0-4.0)		
Depth:	3.25/4			4/6			0/2			2/4		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/25/12			7/25/12			7/25/12			7/25/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.053	ND		0.020	ND		0.017	ND		0.017
Aroclor-1221	ND		0.053	ND		0.020	ND		0.017	ND		0.017
Aroclor-1232	ND		0.053	ND		0.020	ND		0.017	ND		0.017
Aroclor-1242	ND		0.053	ND		0.020	ND		0.017	ND		0.017
Aroclor-1248	ND		0.053	ND		0.020	1.42		0.017	ND		0.017
Aroclor-1254	ND		0.053	ND		0.020	ND		0.017	ND		0.017
Aroclor-1260	ND		0.053	0.068		0.020	0.630		0.017	ND		0.017
Aroclor-1262	ND		0.053	ND		0.020	ND		0.017	ND		0.017
Aroclor-1268	ND		0.053	ND		0.020	ND		0.017	ND		0.017
PCBs	ND		0.053	0.068		0.020	2.05		0.017	ND		0.017

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-07487

Lab ID:	07487-033			07487-034			07487-035			07487-036		
Client ID:	Q-36 (4.0-5.0)			Q-36 (5.0-6.0)			Q-38 (0-2.0)			Q-38 (2.0-4.0)		
Depth:	4/5			5/6			0/2			2/4		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/25/12			7/25/12			7/25/12			7/25/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.070	ND		0.020	ND		1.81	ND		1.81
Aroclor-1221	ND		0.070	ND		0.020	ND		1.81	ND		1.81
Aroclor-1232	ND		0.070	ND		0.020	ND		1.81	ND		1.81
Aroclor-1242	ND		0.070	ND		0.020	ND		1.81	ND		1.81
Aroclor-1248	ND		0.070	ND		0.020	ND		1.81	ND		1.81
Aroclor-1254	ND		0.070	0.042	J	0.020	543		1.81	281		1.81
Aroclor-1260	0.198		0.070	0.027	J	0.020	244		1.81	182		1.81
Aroclor-1262	ND		0.070	ND		0.020	ND		1.81	ND		1.81
Aroclor-1268	ND		0.070	ND		0.020	ND		1.81	ND		1.81
PCBs	0.198		0.070	0.069		0.020	787		1.81	463		1.81

Lab ID:	07487-037			07487-038			07487-039			07487-040		
Client ID:	Q-38 (4.0-4.75)			Q-38 (4.75-6.0)			Q-39 (0-2.0)			Q-39 (2.0-3.0)		
Depth:	4/4.75			4.75/6			0/2			2/3		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/25/12			7/25/12			7/25/12			7/25/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.071	ND		0.019	ND		1.80	ND		0.186
Aroclor-1221	ND		0.071	ND		0.019	ND		1.80	ND		0.186
Aroclor-1232	ND		0.071	ND		0.019	ND		1.80	ND		0.186
Aroclor-1242	ND		0.071	ND		0.019	ND		1.80	ND		0.186
Aroclor-1248	ND		0.071	ND		0.019	19.5		1.80	ND		0.186
Aroclor-1254	ND		0.071	ND		0.019	ND		1.80	15.5		0.186
Aroclor-1260	ND		0.071	ND		0.019	19.9		1.80	24.7		0.186
Aroclor-1262	ND		0.071	ND		0.019	ND		1.80	ND		0.186
Aroclor-1268	ND		0.071	ND		0.019	ND		1.80	ND		0.186
PCBs	ND		0.071	ND		0.019	39.4		1.80	40.2		0.186

Lab ID:	07487-041			07487-042			07487-043			07487-044		
Client ID:	Q-39 (3.0-4.0)			Q-39 (4.0-6.0)			Q-39 (6.0-7.0)			Q-39 (7.0-8.0)		
Depth:	3/4			4/6			6/7			7/8		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/25/12			7/25/12			7/25/12			7/25/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		130	ND		20.4	ND		4.99	ND		0.018
Aroclor-1221	ND		130	ND		20.4	ND		4.99	ND		0.018
Aroclor-1232	ND		130	ND		20.4	ND		4.99	ND		0.018
Aroclor-1242	ND		130	ND		20.4	ND		4.99	ND		0.018
Aroclor-1248	ND		130	ND		20.4	113		4.99	ND		0.018
Aroclor-1254	ND		130	ND		20.4	ND		4.99	ND		0.018
Aroclor-1260	18800		130	4220		20.4	419		4.99	ND		0.018
Aroclor-1262	ND		130	ND		20.4	ND		4.99	ND		0.018
Aroclor-1268	ND		130	ND		20.4	ND		4.99	ND		0.018
PCBs	18800		130	4220		20.4	532		4.99	ND		0.018

ND = Analyzed for but Not Detected at the MDL
J = The concentration was detected at a value below the RL and above the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-07487

Lab ID:	07487-045			07487-046			07487-047			07487-048		
Client ID:	P-39 (0-1.75)			P-39 (1.75-2.0)			P-39 (2.0-3.0)			P-39 (3.0-4.0)		
Depth:	0/1.75			1.75/2			2/3			3/4		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/25/12			7/25/12			7/25/12			7/25/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		1.74	ND		21.6	ND		0.165	ND		16.6
Aroclor-1221	ND		1.74	ND		21.6	ND		0.165	ND		16.6
Aroclor-1232	ND		1.74	ND		21.6	ND		0.165	ND		16.6
Aroclor-1242	ND		1.74	ND		21.6	ND		0.165	ND		16.6
Aroclor-1248	65.0		1.74	ND		21.6	ND		0.165	ND		16.6
Aroclor-1254	ND		1.74	ND		21.6	ND		0.165	1520		16.6
Aroclor-1260	31.2		1.74	3540		21.6	47.0		0.165	ND		16.6
Aroclor-1262	ND		1.74	ND		21.6	ND		0.165	ND		16.6
Aroclor-1268	ND		1.74	ND		21.6	ND		0.165	ND		16.6
PCBs	96.2		1.74	3540		21.6	47.0		0.165	1520		16.6

Lab ID:	07487-049			07487-050			07487-051			07487-052		
Client ID:	P-39 (4.0-4.25)			P-39 (4.25-6.0)			P-39 (6.0-8.0)			P-40 (0-2.0)		
Depth:	4/4.25			4.25/6			6/8			0/2		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/25/12			7/25/12			7/25/12			7/25/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		21.1	ND		0.067	ND		0.019	ND		0.204
Aroclor-1221	ND		21.1	ND		0.067	ND		0.019	ND		0.204
Aroclor-1232	ND		21.1	ND		0.067	ND		0.019	ND		0.204
Aroclor-1242	ND		21.1	ND		0.067	ND		0.019	ND		0.204
Aroclor-1248	1970		21.1	ND		0.067	ND		0.019	24.5		0.204
Aroclor-1254	4580		21.1	2.79		0.067	ND		0.019	ND		0.204
Aroclor-1260	2550		21.1	ND		0.067	ND		0.019	14.5		0.204
Aroclor-1262	ND		21.1	ND		0.067	ND		0.019	ND		0.204
Aroclor-1268	ND		21.1	ND		0.067	ND		0.019	ND		0.204
PCBs	9100		21.1	2.79		0.067	ND		0.019	39.0		0.204

Lab ID:	07487-053			07487-054			07487-055			07487-056		
Client ID:	P-40 (2.0-4.0)			P-40 (4.0-5.0)			P-40 (5.0-6.0)			P-40 (6.0-8.0)		
Depth:	2/4			4/5			5/6			6/8		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/25/12			7/25/12			7/25/12			7/25/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.018	ND		22.2	ND		0.070	ND		0.018
Aroclor-1221	ND		0.018	ND		22.2	ND		0.070	ND		0.018
Aroclor-1232	ND		0.018	ND		22.2	ND		0.070	ND		0.018
Aroclor-1242	ND		0.018	ND		22.2	ND		0.070	ND		0.018
Aroclor-1248	0.335		0.018	ND		22.2	ND		0.070	ND		0.018
Aroclor-1254	ND		0.018	ND		22.2	1.18		0.070	2.82		0.018
Aroclor-1260	0.503		0.018	804		22.2	ND		0.070	2.69		0.018
Aroclor-1262	ND		0.018	ND		22.2	ND		0.070	ND		0.018
Aroclor-1268	ND		0.018	ND		22.2	ND		0.070	ND		0.018
PCBs	0.838		0.018	804		22.2	1.18		0.070	5.51		0.018

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-07487

Lab ID:	**07487-057**			**07487-058**			**07487-059**			**07487-060**	
Client ID:	**P-38 (0-2.0)**			**P-38 (2.0-4.0)**			**P-38 (4.0-5.0)**			**P-38 (5.0-6.0)**	
Depth:	**0/2**			**2/4**			**4/5**			**5/6**	
Matrix:	**Soil**			**Soil**			**Soil**			**Soil**	
Sampled Date	**7/25/12**			**7/25/12**			**7/25/12**			**7/25/12**	
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*	
Aroclor-1016	ND		0.172	ND		1.56	ND		0.174	ND		0.020
Aroclor-1221	ND		0.172	ND		1.56	ND		0.174	ND		0.020
Aroclor-1232	ND		0.172	ND		1.56	ND		0.174	ND		0.020
Aroclor-1242	ND		0.172	90.1		1.56	ND		0.174	ND		0.020
Aroclor-1248	ND		0.172	ND		1.56	15.0		0.174	ND		0.020
Aroclor-1254	54.6		0.172	ND		1.56	ND		0.174	ND		0.020
Aroclor-1260	53.0		0.172	ND		1.56	10.8		0.174	ND		0.020
Aroclor-1262	ND		0.172	ND		1.56	ND		0.174	ND		0.020
Aroclor-1268	ND		0.172	ND		1.56	ND		0.174	ND		0.020
PCBs	108		0.172	90.1		1.56	25.8		0.174	ND		0.020

Lab ID:	**07487-061**			**07487-062**			**07487-063**			**07487-064**	
Client ID:	**P-37 (0-2.0)**			**P-37 (2.0-3.5)**			**P-37 (3.5-4.0)**			**P-37 (4.0-6.0)**	
Depth:	**0/2**			**2/3.5**			**3.5/4**			**4/6**	
Matrix:	**Soil**			**Soil**			**Soil**			**Soil**	
Sampled Date	**7/25/12**			**7/25/12**			**7/25/12**			**7/25/12**	
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*	
Aroclor-1016	ND		0.154	ND		0.019	ND		0.045	ND		0.019
Aroclor-1221	ND		0.154	ND		0.019	ND		0.045	ND		0.019
Aroclor-1232	ND		0.154	ND		0.019	ND		0.045	ND		0.019
Aroclor-1242	ND		0.154	ND		0.019	ND		0.045	ND		0.019
Aroclor-1248	7.49		0.154	ND		0.019	ND		0.045	ND		0.019
Aroclor-1254	ND		0.154	ND		0.019	ND		0.045	ND		0.019
Aroclor-1260	2.33		0.154	0.212		0.019	ND		0.045	ND		0.019
Aroclor-1262	ND		0.154	ND		0.019	ND		0.045	ND		0.019
Aroclor-1268	ND		0.154	ND		0.019	ND		0.045	ND		0.019
PCBs	9.82		0.154	0.212		0.019	ND		0.045	ND		0.019

ND = Analyzed for but Not Detected at the MDL

ANALYTICAL RESULTS

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-001
Client ID: S-38_(0-2.
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/08/2012
Data file: Y8173.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.23g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 7.90

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.415	0.166
Aroclor-1221	ND		0.415	0.166
Aroclor-1232	ND		0.415	0.166
Aroclor-1242	ND		0.415	0.166
Aroclor-1248	16.4		0.415	0.166
Aroclor-1254	ND		0.415	0.166
Aroclor-1260	12.9		0.415	0.166
Aroclor-1262	ND		0.415	0.166
Aroclor-1268	ND		0.415	0.166
PCBs	29.3		0.415	0.166

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-002
Client ID: S-38_(2.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/08/2012
Data file: Y8174.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.14g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 12.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.42	1.77
Aroclor-1221	ND		4.42	1.77
Aroclor-1232	ND		4.42	1.77
Aroclor-1242	ND		4.42	1.77
Aroclor-1248	ND		4.42	1.77
Aroclor-1254	ND		4.42	1.77
Aroclor-1260	424		4.42	1.77
Aroclor-1262	ND		4.42	1.77
Aroclor-1268	ND		4.42	1.77
PCBs	424		4.42	1.77

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-003
Client ID: S-38_(3.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/08/2012
Data file: Y8175.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.62g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 31.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		52.3	20.9
Aroclor-1221	ND		52.3	20.9
Aroclor-1232	ND		52.3	20.9
Aroclor-1242	ND		52.3	20.9
Aroclor-1248	ND		52.3	20.9
Aroclor-1254	ND		52.3	20.9
Aroclor-1260	1560		52.3	20.9
Aroclor-1262	ND		52.3	20.9
Aroclor-1268	ND		52.3	20.9
PCBs	1560		52.3	20.9

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-004
Client ID: S-38_(4.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/08/2012
Data file: Y8176.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.28g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 21.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.83	1.93
Aroclor-1221	ND		4.83	1.93
Aroclor-1232	ND		4.83	1.93
Aroclor-1242	ND		4.83	1.93
Aroclor-1248	ND		4.83	1.93
Aroclor-1254	ND		4.83	1.93
Aroclor-1260	115		4.83	1.93
Aroclor-1262	ND		4.83	1.93
Aroclor-1268	ND		4.83	1.93
PCBs	115		4.83	1.93

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-005
Client ID: S-38_(6.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/08/2012
Data file: Y8200.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.72g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 71.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		1.21	0.482
Aroclor-1221	ND		1.21	0.482
Aroclor-1232	ND		1.21	0.482
Aroclor-1242	ND		1.21	0.482
Aroclor-1248	ND		1.21	0.482
Aroclor-1254	37.9		1.21	0.482
Aroclor-1260	93.1		1.21	0.482
Aroclor-1262	ND		1.21	0.482
Aroclor-1268	ND		1.21	0.482
PCBs	131		1.21	0.482

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-006
Client ID: S-38_(6.75
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/08/2012
Data file: Y8178.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.41g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 19.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.046	0.018
Aroclor-1221	ND		0.046	0.018
Aroclor-1232	ND		0.046	0.018
Aroclor-1242	ND		0.046	0.018
Aroclor-1248	ND		0.046	0.018
Aroclor-1254	ND		0.046	0.018
Aroclor-1260	0.541		0.046	0.018
Aroclor-1262	ND		0.046	0.018
Aroclor-1268	ND		0.046	0.018
PCBs	0.541		0.046	0.018

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-007
Client ID: S-39_(0-1.
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/08/2012
Data file: Y8179.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.42g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 10.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.411	0.165
Aroclor-1221	ND		0.411	0.165
Aroclor-1232	ND		0.411	0.165
Aroclor-1242	ND		0.411	0.165
Aroclor-1248	28.0		0.411	0.165
Aroclor-1254	ND		0.411	0.165
Aroclor-1260	19.7		0.411	0.165
Aroclor-1262	ND		0.411	0.165
Aroclor-1268	ND		0.411	0.165
PCBs	47.7		0.411	0.165

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-008
Client ID: S-39_(1.75
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/08/2012
Data file: Y8180.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.10g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 24.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		51.7	20.7
Aroclor-1221	ND		51.7	20.7
Aroclor-1232	ND		51.7	20.7
Aroclor-1242	ND		51.7	20.7
Aroclor-1248	ND		51.7	20.7
Aroclor-1254	ND		51.7	20.7
Aroclor-1260	371		51.7	20.7
Aroclor-1262	ND		51.7	20.7
Aroclor-1268	ND		51.7	20.7
PCBs	371		51.7	20.7

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-009
Client ID: S-39_(2.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/08/2012
Data file: Y8181.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.10g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 14.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.60	1.84
Aroclor-1221	ND		4.60	1.84
Aroclor-1232	ND		4.60	1.84
Aroclor-1242	ND		4.60	1.84
Aroclor-1248	ND		4.60	1.84
Aroclor-1254	349		4.60	1.84
Aroclor-1260	310		4.60	1.84
Aroclor-1262	ND		4.60	1.84
Aroclor-1268	ND		4.60	1.84
PCBs	659		4.60	1.84

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-010
Client ID: S-39_(2.75
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/08/2012
Data file: Y8182.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.69g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 53.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		7.56	3.02
Aroclor-1221	ND		7.56	3.02
Aroclor-1232	ND		7.56	3.02
Aroclor-1242	ND		7.56	3.02
Aroclor-1248	ND		7.56	3.02
Aroclor-1254	ND		7.56	3.02
Aroclor-1260	991		7.56	3.02
Aroclor-1262	ND		7.56	3.02
Aroclor-1268	ND		7.56	3.02
PCBs	991		7.56	3.02

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-011
Client ID: S-39_(4.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/08/2012
Data file: Y8183.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.51g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 75.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.148	0.059
Aroclor-1221	ND		0.148	0.059
Aroclor-1232	ND		0.148	0.059
Aroclor-1242	ND		0.148	0.059
Aroclor-1248	ND		0.148	0.059
Aroclor-1254	ND		0.148	0.059
Aroclor-1260	0.692		0.148	0.059
Aroclor-1262	ND		0.148	0.059
Aroclor-1268	ND		0.148	0.059
PCBs	0.692		0.148	0.059

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-012
Client ID: S-39_(5.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/08/2012
Data file: Y8184.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.74g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 8.30

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.038	0.015
Aroclor-1221	ND		0.038	0.015
Aroclor-1232	ND		0.038	0.015
Aroclor-1242	ND		0.038	0.015
Aroclor-1248	ND		0.038	0.015
Aroclor-1254	ND		0.038	0.015
Aroclor-1260	0.293		0.038	0.015
Aroclor-1262	ND		0.038	0.015
Aroclor-1268	ND		0.038	0.015
PCBs	0.293		0.038	0.015

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-013
Client ID: R-39_(0-2.
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/08/2012
Data file: Y8185.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.62g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 14.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.415	0.166
Aroclor-1221	ND		0.415	0.166
Aroclor-1232	ND		0.415	0.166
Aroclor-1242	ND		0.415	0.166
Aroclor-1248	63.5		0.415	0.166
Aroclor-1254	ND		0.415	0.166
Aroclor-1260	15.2		0.415	0.166
Aroclor-1262	ND		0.415	0.166
Aroclor-1268	ND		0.415	0.166
PCBs	78.7		0.415	0.166

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-014
Client ID: R-39_(2.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/08/2012
Data file: Y8201.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.26g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 13.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.440	0.176
Aroclor-1221	ND		0.440	0.176
Aroclor-1232	ND		0.440	0.176
Aroclor-1242	ND		0.440	0.176
Aroclor-1248	ND		0.440	0.176
Aroclor-1254	28.8		0.440	0.176
Aroclor-1260	26.9		0.440	0.176
Aroclor-1262	ND		0.440	0.176
Aroclor-1268	ND		0.440	0.176
PCBs	55.7		0.440	0.176

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-015
Client ID: R-39_(3.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/08/2012
Data file: Y8202.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.27g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 20.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.76	1.90
Aroclor-1221	ND		4.76	1.90
Aroclor-1232	ND		4.76	1.90
Aroclor-1242	ND		4.76	1.90
Aroclor-1248	ND		4.76	1.90
Aroclor-1254	ND		4.76	1.90
Aroclor-1260	589		4.76	1.90
Aroclor-1262	ND		4.76	1.90
Aroclor-1268	ND		4.76	1.90
PCBs	589		4.76	1.90

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-016
Client ID: R-39_(4.5-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/08/2012
Data file: Y8188.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.67g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 65.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.102	0.041
Aroclor-1221	ND		0.102	0.041
Aroclor-1232	ND		0.102	0.041
Aroclor-1242	ND		0.102	0.041
Aroclor-1248	ND		0.102	0.041
Aroclor-1254	1.52		0.102	0.041
Aroclor-1260	ND		0.102	0.041
Aroclor-1262	ND		0.102	0.041
Aroclor-1268	ND		0.102	0.041
PCBs	1.52		0.102	0.041

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-017
Client ID: R-39_(5.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/08/2012
Data file: Y8189.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.24g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 29.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.054	0.022
Aroclor-1221	ND		0.054	0.022
Aroclor-1232	ND		0.054	0.022
Aroclor-1242	ND		0.054	0.022
Aroclor-1248	ND		0.054	0.022
Aroclor-1254	0.357		0.054	0.022
Aroclor-1260	ND		0.054	0.022
Aroclor-1262	ND		0.054	0.022
Aroclor-1268	ND		0.054	0.022
PCBs	0.357		0.054	0.022

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-018
Client ID: R-38_(0-2.
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/08/2012
Data file: Y8190.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.42g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 4.80

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.039	0.015
Aroclor-1221	ND		0.039	0.015
Aroclor-1232	ND		0.039	0.015
Aroclor-1242	ND		0.039	0.015
Aroclor-1248	ND		0.039	0.015
Aroclor-1254	0.483		0.039	0.015
Aroclor-1260	0.650		0.039	0.015
Aroclor-1262	ND		0.039	0.015
Aroclor-1268	ND		0.039	0.015
PCBs	1.13		0.039	0.015

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-019
Client ID: R-38_(2.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/08/2012
Data file: Y8203.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.55g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 7.50

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		3.90	1.56
Aroclor-1221	ND		3.90	1.56
Aroclor-1232	ND		3.90	1.56
Aroclor-1242	ND		3.90	1.56
Aroclor-1248	ND		3.90	1.56
Aroclor-1254	28.9		3.90	1.56
Aroclor-1260	ND		3.90	1.56
Aroclor-1262	ND		3.90	1.56
Aroclor-1268	ND		3.90	1.56
PCBs	28.9		3.90	1.56

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-020
Client ID: R-38_(3.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/09/2012
Data file: R2609.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.09g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 33.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		59.4	23.7
Aroclor-1221	ND		59.4	23.7
Aroclor-1232	ND		59.4	23.7
Aroclor-1242	ND		59.4	23.7
Aroclor-1248	ND		59.4	23.7
Aroclor-1254	ND		59.4	23.7
Aroclor-1260	2340		59.4	23.7
Aroclor-1262	ND		59.4	23.7
Aroclor-1268	ND		59.4	23.7
PCBs	2340		59.4	23.7

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-021
Client ID: R-38_(4.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/09/2012
Data file: R2610.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.19g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 78.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.179	0.072
Aroclor-1221	ND		0.179	0.072
Aroclor-1232	ND		0.179	0.072
Aroclor-1242	ND		0.179	0.072
Aroclor-1248	ND		0.179	0.072
Aroclor-1254	ND		0.179	0.072
Aroclor-1260	5.88		0.179	0.072
Aroclor-1262	ND		0.179	0.072
Aroclor-1268	ND		0.179	0.072
PCBs	5.88		0.179	0.072

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-022
Client ID: R-38_(4.75
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/09/2012
Data file: R2611.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.20g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 20.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.048	0.019
Aroclor-1221	ND		0.048	0.019
Aroclor-1232	ND		0.048	0.019
Aroclor-1242	ND		0.048	0.019
Aroclor-1248	ND		0.048	0.019
Aroclor-1254	ND		0.048	0.019
Aroclor-1260	0.146		0.048	0.019
Aroclor-1262	ND		0.048	0.019
Aroclor-1268	ND		0.048	0.019
PCBs	0.146		0.048	0.019

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-023
Client ID: R-37_(0-2.
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/09/2012
Data file: R2638.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.23g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 14.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.46	1.78
Aroclor-1221	ND		4.46	1.78
Aroclor-1232	ND		4.46	1.78
Aroclor-1242	ND		4.46	1.78
Aroclor-1248	136		4.46	1.78
Aroclor-1254	ND		4.46	1.78
Aroclor-1260	45.8		4.46	1.78
Aroclor-1262	ND		4.46	1.78
Aroclor-1268	ND		4.46	1.78
PCBs	182		4.46	1.78

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-024
Client ID: R-37_(2.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/09/2012
Data file: R2639.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.23g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 10.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.043	0.017
Aroclor-1221	ND		0.043	0.017
Aroclor-1232	ND		0.043	0.017
Aroclor-1242	ND		0.043	0.017
Aroclor-1248	ND		0.043	0.017
Aroclor-1254	ND		0.043	0.017
Aroclor-1260	0.258		0.043	0.017
Aroclor-1262	ND		0.043	0.017
Aroclor-1268	ND		0.043	0.017
PCBs	0.258		0.043	0.017

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-025
Client ID: R-37_(4.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/09/2012
Data file: R2640.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.17g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 57.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.091	0.036
Aroclor-1221	ND		0.091	0.036
Aroclor-1232	ND		0.091	0.036
Aroclor-1242	ND		0.091	0.036
Aroclor-1248	ND		0.091	0.036
Aroclor-1254	ND		0.091	0.036
Aroclor-1260	0.381		0.091	0.036
Aroclor-1262	ND		0.091	0.036
Aroclor-1268	ND		0.091	0.036
PCBs	0.381		0.091	0.036

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-026
Client ID: R-37_(4.75
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/09/2012
Data file: R2615.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.25g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 21.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.049	0.019
Aroclor-1221	ND		0.049	0.019
Aroclor-1232	ND		0.049	0.019
Aroclor-1242	ND		0.049	0.019
Aroclor-1248	ND		0.049	0.019
Aroclor-1254	ND		0.049	0.019
Aroclor-1260	ND		0.049	0.019
Aroclor-1262	ND		0.049	0.019
Aroclor-1268	ND		0.049	0.019
PCBs	ND		0.049	0.019

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-027
Client ID: R-36_(0-2.
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/11/2012
Data file: R2743.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.38g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 8.80

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.408	0.163
Aroclor-1221	ND		0.408	0.163
Aroclor-1232	ND		0.408	0.163
Aroclor-1242	ND		0.408	0.163
Aroclor-1248	ND		0.408	0.163
Aroclor-1254	ND		0.408	0.163
Aroclor-1260	9.98		0.408	0.163
Aroclor-1262	ND		0.408	0.163
Aroclor-1268	ND		0.408	0.163
PCBs	9.98		0.408	0.163

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-028
Client ID: R-36_(2.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/09/2012
Data file: R2617.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.37g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 12.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.043	0.017
Aroclor-1221	ND		0.043	0.017
Aroclor-1232	ND		0.043	0.017
Aroclor-1242	ND		0.043	0.017
Aroclor-1248	0.222		0.043	0.017
Aroclor-1254	ND		0.043	0.017
Aroclor-1260	0.168		0.043	0.017
Aroclor-1262	ND		0.043	0.017
Aroclor-1268	ND		0.043	0.017
PCBs	0.390		0.043	0.017

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-029
Client ID: R-36_(3.25
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/09/2012
Data file: R2618.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.20g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 71.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.134	0.053
Aroclor-1221	ND		0.134	0.053
Aroclor-1232	ND		0.134	0.053
Aroclor-1242	ND		0.134	0.053
Aroclor-1248	ND		0.134	0.053
Aroclor-1254	ND		0.134	0.053
Aroclor-1260	ND		0.134	0.053
Aroclor-1262	ND		0.134	0.053
Aroclor-1268	ND		0.134	0.053
PCBs	ND		0.134	0.053

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-030
Client ID: R-36_(4.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/09/2012
Data file: R2619.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.10g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 20.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.049	0.020
Aroclor-1221	ND		0.049	0.020
Aroclor-1232	ND		0.049	0.020
Aroclor-1242	ND		0.049	0.020
Aroclor-1248	ND		0.049	0.020
Aroclor-1254	ND		0.049	0.020
Aroclor-1260	0.068		0.049	0.020
Aroclor-1262	ND		0.049	0.020
Aroclor-1268	ND		0.049	0.020
PCBs	0.068		0.049	0.020

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-031
Client ID: Q-36_(0-2.
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/09/2012
Data file: R2620.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.35g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 12.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.043	0.017
Aroclor-1221	ND		0.043	0.017
Aroclor-1232	ND		0.043	0.017
Aroclor-1242	ND		0.043	0.017
Aroclor-1248	1.42		0.043	0.017
Aroclor-1254	ND		0.043	0.017
Aroclor-1260	0.630		0.043	0.017
Aroclor-1262	ND		0.043	0.017
Aroclor-1268	ND		0.043	0.017
PCBs	2.05		0.043	0.017

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-032
Client ID: Q-36_(2.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/09/2012
Data file: R2621.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.27g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 11.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.043	0.017
Aroclor-1221	ND		0.043	0.017
Aroclor-1232	ND		0.043	0.017
Aroclor-1242	ND		0.043	0.017
Aroclor-1248	ND		0.043	0.017
Aroclor-1254	ND		0.043	0.017
Aroclor-1260	ND		0.043	0.017
Aroclor-1262	ND		0.043	0.017
Aroclor-1268	ND		0.043	0.017
PCBs	ND		0.043	0.017

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-033
Client ID: Q-36_(4.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/09/2012
Data file: R2622.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.03g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 77.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.174	0.070
Aroclor-1221	ND		0.174	0.070
Aroclor-1232	ND		0.174	0.070
Aroclor-1242	ND		0.174	0.070
Aroclor-1248	ND		0.174	0.070
Aroclor-1254	ND		0.174	0.070
Aroclor-1260	0.198		0.174	0.070
Aroclor-1262	ND		0.174	0.070
Aroclor-1268	ND		0.174	0.070
PCBs	0.198		0.174	0.070

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-034
Client ID: Q-36_(5.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/09/2012
Data file: R2623.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.18g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 20.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.049	0.020
Aroclor-1221	ND		0.049	0.020
Aroclor-1232	ND		0.049	0.020
Aroclor-1242	ND		0.049	0.020
Aroclor-1248	ND		0.049	0.020
Aroclor-1254	0.042	J	0.049	0.020
Aroclor-1260	0.027	J	0.049	0.020
Aroclor-1262	ND		0.049	0.020
Aroclor-1268	ND		0.049	0.020
PCBs	0.069		0.049	0.020

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-035
Client ID: Q-38_(0-2.
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/09/2012
Data file: R2642.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.22g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 15.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.53	1.81
Aroclor-1221	ND		4.53	1.81
Aroclor-1232	ND		4.53	1.81
Aroclor-1242	ND		4.53	1.81
Aroclor-1248	ND		4.53	1.81
Aroclor-1254	543		4.53	1.81
Aroclor-1260	244		4.53	1.81
Aroclor-1262	ND		4.53	1.81
Aroclor-1268	ND		4.53	1.81
PCBs	787		4.53	1.81

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-036
Client ID: Q-38_(2.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/09/2012
Data file: R2625.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.07g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 12.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.52	1.81
Aroclor-1221	ND		4.52	1.81
Aroclor-1232	ND		4.52	1.81
Aroclor-1242	ND		4.52	1.81
Aroclor-1248	ND		4.52	1.81
Aroclor-1254	281		4.52	1.81
Aroclor-1260	182		4.52	1.81
Aroclor-1262	ND		4.52	1.81
Aroclor-1268	ND		4.52	1.81
PCBs	463		4.52	1.81

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-037
Client ID: Q-38_(4.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/09/2012
Data file: R2643.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.06g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 77.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.178	0.071
Aroclor-1221	ND		0.178	0.071
Aroclor-1232	ND		0.178	0.071
Aroclor-1242	ND		0.178	0.071
Aroclor-1248	ND		0.178	0.071
Aroclor-1254	ND		0.178	0.071
Aroclor-1260	ND		0.178	0.071
Aroclor-1262	ND		0.178	0.071
Aroclor-1268	ND		0.178	0.071
PCBs	ND		0.178	0.071

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-038
Client ID: Q-38_(4.75
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/09/2012
Data file: R2627.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.25g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 20.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.048	0.019
Aroclor-1221	ND		0.048	0.019
Aroclor-1232	ND		0.048	0.019
Aroclor-1242	ND		0.048	0.019
Aroclor-1248	ND		0.048	0.019
Aroclor-1254	ND		0.048	0.019
Aroclor-1260	ND		0.048	0.019
Aroclor-1262	ND		0.048	0.019
Aroclor-1268	ND		0.048	0.019
PCBs	ND		0.048	0.019

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-039
Client ID: Q-39_(0-2.
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/09/2012
Data file: R2628.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.01g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 11.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.50	1.80
Aroclor-1221	ND		4.50	1.80
Aroclor-1232	ND		4.50	1.80
Aroclor-1242	ND		4.50	1.80
Aroclor-1248	19.5		4.50	1.80
Aroclor-1254	ND		4.50	1.80
Aroclor-1260	19.9		4.50	1.80
Aroclor-1262	ND		4.50	1.80
Aroclor-1268	ND		4.50	1.80
PCBs	39.4		4.50	1.80

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-040
Client ID: Q-39_(2.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/11/2012
Data file: Y8304.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.02g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 14.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.464	0.186
Aroclor-1221	ND		0.464	0.186
Aroclor-1232	ND		0.464	0.186
Aroclor-1242	ND		0.464	0.186
Aroclor-1248	ND		0.464	0.186
Aroclor-1254	15.5		0.464	0.186
Aroclor-1260	24.7		0.464	0.186
Aroclor-1262	ND		0.464	0.186
Aroclor-1268	ND		0.464	0.186
PCBs	40.2		0.464	0.186

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-041
Client ID: Q-39_(3.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/11/2012
Data file: Y8305.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.20g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 5000
% Moisture: 40.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		325	130
Aroclor-1221	ND		325	130
Aroclor-1232	ND		325	130
Aroclor-1242	ND		325	130
Aroclor-1248	ND		325	130
Aroclor-1254	ND		325	130
Aroclor-1260	18800		325	130
Aroclor-1262	ND		325	130
Aroclor-1268	ND		325	130
PCBs	18800		325	130

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-042
Client ID: Q-39_(4.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/09/2012
Data file: Y8253.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.08g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 22.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		51.0	20.4
Aroclor-1221	ND		51.0	20.4
Aroclor-1232	ND		51.0	20.4
Aroclor-1242	ND		51.0	20.4
Aroclor-1248	ND		51.0	20.4
Aroclor-1254	ND		51.0	20.4
Aroclor-1260	4220		51.0	20.4
Aroclor-1262	ND		51.0	20.4
Aroclor-1268	ND		51.0	20.4
PCBs	4220		51.0	20.4

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-043
Client ID: Q-39_(6.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/11/2012
Data file: Y8306.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.03g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 68.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		12.5	4.99
Aroclor-1221	ND		12.5	4.99
Aroclor-1232	ND		12.5	4.99
Aroclor-1242	ND		12.5	4.99
Aroclor-1248	113		12.5	4.99
Aroclor-1254	ND		12.5	4.99
Aroclor-1260	419		12.5	4.99
Aroclor-1262	ND		12.5	4.99
Aroclor-1268	ND		12.5	4.99
PCBs	532		12.5	4.99

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-044
Client ID: Q-39_(7.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/09/2012
Data file: Y8255.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.58g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 20.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.045	0.018
Aroclor-1221	ND		0.045	0.018
Aroclor-1232	ND		0.045	0.018
Aroclor-1242	ND		0.045	0.018
Aroclor-1248	ND		0.045	0.018
Aroclor-1254	ND		0.045	0.018
Aroclor-1260	ND		0.045	0.018
Aroclor-1262	ND		0.045	0.018
Aroclor-1268	ND		0.045	0.018
PCBs	ND		0.045	0.018

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-045
Client ID: P-39_(0-1.
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/11/2012
Data file: Y8307.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.42g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 15.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.35	1.74
Aroclor-1221	ND		4.35	1.74
Aroclor-1232	ND		4.35	1.74
Aroclor-1242	ND		4.35	1.74
Aroclor-1248	65.0		4.35	1.74
Aroclor-1254	ND		4.35	1.74
Aroclor-1260	31.2		4.35	1.74
Aroclor-1262	ND		4.35	1.74
Aroclor-1268	ND		4.35	1.74
PCBs	96.2		4.35	1.74

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-046
Client ID: P-39_(1.75
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/11/2012
Data file: Y8308.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.14g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 27.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		53.9	21.6
Aroclor-1221	ND		53.9	21.6
Aroclor-1232	ND		53.9	21.6
Aroclor-1242	ND		53.9	21.6
Aroclor-1248	ND		53.9	21.6
Aroclor-1254	ND		53.9	21.6
Aroclor-1260	3540		53.9	21.6
Aroclor-1262	ND		53.9	21.6
Aroclor-1268	ND		53.9	21.6
PCBs	3540		53.9	21.6

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-047
Client ID: P-39_(2.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/10/2012
Data file: Y8260.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.82g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 16.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.412	0.165
Aroclor-1221	ND		0.412	0.165
Aroclor-1232	ND		0.412	0.165
Aroclor-1242	ND		0.412	0.165
Aroclor-1248	ND		0.412	0.165
Aroclor-1254	ND		0.412	0.165
Aroclor-1260	47.0		0.412	0.165
Aroclor-1262	ND		0.412	0.165
Aroclor-1268	ND		0.412	0.165
PCBs	47.0		0.412	0.165

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-048
Client ID: P-39_(3.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/11/2012
Data file: Y8309.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.51g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 12.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		41.5	16.6
Aroclor-1221	ND		41.5	16.6
Aroclor-1232	ND		41.5	16.6
Aroclor-1242	ND		41.5	16.6
Aroclor-1248	ND		41.5	16.6
Aroclor-1254	1520		41.5	16.6
Aroclor-1260	ND		41.5	16.6
Aroclor-1262	ND		41.5	16.6
Aroclor-1268	ND		41.5	16.6
PCBs	1520		41.5	16.6

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-049
Client ID: P-39_(4.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/11/2012
Data file: Y8310.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.08g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 25.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		52.7	21.1
Aroclor-1221	ND		52.7	21.1
Aroclor-1232	ND		52.7	21.1
Aroclor-1242	ND		52.7	21.1
Aroclor-1248	1970		52.7	21.1
Aroclor-1254	4580		52.7	21.1
Aroclor-1260	2550		52.7	21.1
Aroclor-1262	ND		52.7	21.1
Aroclor-1268	ND		52.7	21.1
PCBs	9100		52.7	21.1

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-050
Client ID: P-39_(4.25
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/12/2012
Data file: Y8313.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.30g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 77.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.167	0.067
Aroclor-1221	ND		0.167	0.067
Aroclor-1232	ND		0.167	0.067
Aroclor-1242	ND		0.167	0.067
Aroclor-1248	ND		0.167	0.067
Aroclor-1254	2.79		0.167	0.067
Aroclor-1260	ND		0.167	0.067
Aroclor-1262	ND		0.167	0.067
Aroclor-1268	ND		0.167	0.067
PCBs	2.79		0.167	0.067

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-051
Client ID: P-39_(6.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/10/2012
Data file: Y8264.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.06g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 15.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.047	0.019
Aroclor-1221	ND		0.047	0.019
Aroclor-1232	ND		0.047	0.019
Aroclor-1242	ND		0.047	0.019
Aroclor-1248	ND		0.047	0.019
Aroclor-1254	ND		0.047	0.019
Aroclor-1260	ND		0.047	0.019
Aroclor-1262	ND		0.047	0.019
Aroclor-1268	ND		0.047	0.019
PCBs	ND		0.047	0.019

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-052
Client ID: P-40_(0-2.
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/10/2012
Data file: Y8265.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.01g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 21.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.509	0.204
Aroclor-1221	ND		0.509	0.204
Aroclor-1232	ND		0.509	0.204
Aroclor-1242	ND		0.509	0.204
Aroclor-1248	24.5		0.509	0.204
Aroclor-1254	ND		0.509	0.204
Aroclor-1260	14.5		0.509	0.204
Aroclor-1262	ND		0.509	0.204
Aroclor-1268	ND		0.509	0.204
PCBs	39.0		0.509	0.204

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-053
Client ID: P-40_(2.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/10/2012
Data file: Y8266.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.03g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 9.60

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.044	0.018
Aroclor-1221	ND		0.044	0.018
Aroclor-1232	ND		0.044	0.018
Aroclor-1242	ND		0.044	0.018
Aroclor-1248	0.335		0.044	0.018
Aroclor-1254	ND		0.044	0.018
Aroclor-1260	0.503		0.044	0.018
Aroclor-1262	ND		0.044	0.018
Aroclor-1268	ND		0.044	0.018
PCBs	0.838		0.044	0.018

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-054
Client ID: P-40_(4.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/10/2012
Data file: Y8267.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.23g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 31.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		55.6	22.2
Aroclor-1221	ND		55.6	22.2
Aroclor-1232	ND		55.6	22.2
Aroclor-1242	ND		55.6	22.2
Aroclor-1248	ND		55.6	22.2
Aroclor-1254	ND		55.6	22.2
Aroclor-1260	804		55.6	22.2
Aroclor-1262	ND		55.6	22.2
Aroclor-1268	ND		55.6	22.2
PCBs	804		55.6	22.2

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-055
Client ID: P-40_(5.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/10/2012
Data file: Y8268.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.32g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 78.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.175	0.070
Aroclor-1221	ND		0.175	0.070
Aroclor-1232	ND		0.175	0.070
Aroclor-1242	ND		0.175	0.070
Aroclor-1248	ND		0.175	0.070
Aroclor-1254	1.18		0.175	0.070
Aroclor-1260	ND		0.175	0.070
Aroclor-1262	ND		0.175	0.070
Aroclor-1268	ND		0.175	0.070
PCBs	1.18		0.175	0.070

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-056
Client ID: P-40_(6.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/10/2012
Data file: Y8269.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.19g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 16.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.046	0.018
Aroclor-1221	ND		0.046	0.018
Aroclor-1232	ND		0.046	0.018
Aroclor-1242	ND		0.046	0.018
Aroclor-1248	ND		0.046	0.018
Aroclor-1254	2.82		0.046	0.018
Aroclor-1260	2.69		0.046	0.018
Aroclor-1262	ND		0.046	0.018
Aroclor-1268	ND		0.046	0.018
PCBs	5.51		0.046	0.018

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-057
Client ID: P-38_(0-2.
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/10/2012
Data file: Y8270.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.39g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 13.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.430	0.172
Aroclor-1221	ND		0.430	0.172
Aroclor-1232	ND		0.430	0.172
Aroclor-1242	ND		0.430	0.172
Aroclor-1248	ND		0.430	0.172
Aroclor-1254	54.6		0.430	0.172
Aroclor-1260	53.0		0.430	0.172
Aroclor-1262	ND		0.430	0.172
Aroclor-1268	ND		0.430	0.172
PCBs	108		0.430	0.172

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-058
Client ID: P-38_(2.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/12/2012
Data file: Y8314.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.53g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 7.40

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		3.91	1.56
Aroclor-1221	ND		3.91	1.56
Aroclor-1232	ND		3.91	1.56
Aroclor-1242	90.1		3.91	1.56
Aroclor-1248	ND		3.91	1.56
Aroclor-1254	ND		3.91	1.56
Aroclor-1260	ND		3.91	1.56
Aroclor-1262	ND		3.91	1.56
Aroclor-1268	ND		3.91	1.56
PCBs	90.1		3.91	1.56

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-059
Client ID: P-38_(4.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/12/2012
Data file: Y8315.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.04g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 8.90

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.436	0.174
Aroclor-1221	ND		0.436	0.174
Aroclor-1232	ND		0.436	0.174
Aroclor-1242	ND		0.436	0.174
Aroclor-1248	15.0		0.436	0.174
Aroclor-1254	ND		0.436	0.174
Aroclor-1260	10.8		0.436	0.174
Aroclor-1262	ND		0.436	0.174
Aroclor-1268	ND		0.436	0.174
PCBs	25.8		0.436	0.174

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-060
Client ID: P-38_(5.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/08/2012
Data file: Y8172.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.23g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 23.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.050	0.020
Aroclor-1221	ND		0.050	0.020
Aroclor-1232	ND		0.050	0.020
Aroclor-1242	ND		0.050	0.020
Aroclor-1248	ND		0.050	0.020
Aroclor-1254	ND		0.050	0.020
Aroclor-1260	ND		0.050	0.020
Aroclor-1262	ND		0.050	0.020
Aroclor-1268	ND		0.050	0.020
PCBs	ND		0.050	0.020

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-061
Client ID: P-37_(0-2.
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/09/2012
Data file: R2647.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.57g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 6.80

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.385	0.154
Aroclor-1221	ND		0.385	0.154
Aroclor-1232	ND		0.385	0.154
Aroclor-1242	ND		0.385	0.154
Aroclor-1248	7.49		0.385	0.154
Aroclor-1254	ND		0.385	0.154
Aroclor-1260	2.33		0.385	0.154
Aroclor-1262	ND		0.385	0.154
Aroclor-1268	ND		0.385	0.154
PCBs	9.82		0.385	0.154

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-062
Client ID: P-37_(2.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/11/2012
Data file: R2737.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.32g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 22.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.048	0.019
Aroclor-1221	ND		0.048	0.019
Aroclor-1232	ND		0.048	0.019
Aroclor-1242	ND		0.048	0.019
Aroclor-1248	ND		0.048	0.019
Aroclor-1254	ND		0.048	0.019
Aroclor-1260	0.212		0.048	0.019
Aroclor-1262	ND		0.048	0.019
Aroclor-1268	ND		0.048	0.019
PCBs	0.212		0.048	0.019

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-063
Client ID: P-37_(3.5-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/11/2012
Data file: R2738.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.23g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 66.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.112	0.045
Aroclor-1221	ND		0.112	0.045
Aroclor-1232	ND		0.112	0.045
Aroclor-1242	ND		0.112	0.045
Aroclor-1248	ND		0.112	0.045
Aroclor-1254	ND		0.112	0.045
Aroclor-1260	ND		0.112	0.045
Aroclor-1262	ND		0.112	0.045
Aroclor-1268	ND		0.112	0.045
PCBs	ND		0.112	0.045

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-064
Client ID: P-37_(4.0-
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/09/2012
Data file: R2650.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.11g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 18.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.048	0.019
Aroclor-1221	ND		0.048	0.019
Aroclor-1232	ND		0.048	0.019
Aroclor-1242	ND		0.048	0.019
Aroclor-1248	ND		0.048	0.019
Aroclor-1254	ND		0.048	0.019
Aroclor-1260	ND		0.048	0.019
Aroclor-1262	ND		0.048	0.019
Aroclor-1268	ND		0.048	0.019
PCBs	ND		0.048	0.019

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07487-065
Client ID: FB-20
Date Received: 07/25/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/03/2012
Data file: Y7889.D

GC Column: DB-5/DB1701P
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-mg/L (ppm)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.00005	0.00002
Aroclor-1221	ND		0.00005	0.00002
Aroclor-1232	ND		0.00005	0.00002
Aroclor-1242	ND		0.00005	0.00002
Aroclor-1248	ND		0.00005	0.00002
Aroclor-1254	ND		0.00005	0.00002
Aroclor-1260	ND		0.00005	0.00002
Aroclor-1262	ND		0.00005	0.00002
Aroclor-1268	ND		0.00005	0.00002
PCBs	ND		0.00005	0.00002

PCB DATA

PCB QC SUMMARY

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 08/03/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKA120801-06	AQUEOUS	91		50		82		54	
CLI-V12-19	07552-001	AQUEOUS	38		49		50		55	
HAR-V12-19	07553-001	AQUEOUS	44		54		66		59	
JC-V12-190	07554-001	AQUEOUS	63		42		66		47	
JC-V12-191	07554-002	AQUEOUS	59		48		67		54	
JC-V12-191	07554-003	AQUEOUS	62		51		65		55	
MW-1R	07515-001	AQUEOUS	41		48		53		53	
MW-2	07515-002	AQUEOUS	43		48		56		56	
MW-3	07515-003	AQUEOUS	62		51		65		55	
FIELD_BLAN	07515-004	AQUEOUS	62		47		60		52	
FB-20	07487-065	AQUEOUS	81		43		74		46	
FB-21	07543-064	AQUEOUS	84		46		77		47	
FB-S	07633-015	AQUEOUS	87		48		80		50	
PCB	07553-001MS	AQUEOUS	32		49		51		51	
PCB	07553-001MSD	AQUEOUS	36		46		57		49	
PCB	LCSA120801-06	AQUEOUS	109		60		100		63	

Surrogate QC Limits	Soil	Aqueous
TCMX = Tetrachloro-m-xylene	21-163	11-163
DCB = Decachlorobiphenyl	30-172	13-170

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 08/08/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS120801-10	SOIL	109		53		100		65	
P-38_(5.0-	07487-060	SOIL	71		66		86		72	
S-38_(0-2.	07487-001	SOIL	92		53		94		50	
S-38_(2.0-	07487-002	SOIL	D		D		D		D	
S-38_(3.0-	07487-003	SOIL	D		D		D		D	
S-38_(4.0-	07487-004	SOIL	D		D		D		D	
S-38_(6.75	07487-006	SOIL	93		65		94		72	
S-39_(0-1.	07487-007	SOIL	94		75		95		50	
S-39_(1.75	07487-008	SOIL	D		D		D		D	
S-39_(2.0-	07487-009	SOIL	D		D		D		D	
S-39_(2.75	07487-010	SOIL	D		D		D		D	
S-39_(4.0-	07487-011	SOIL	90		76		104		77	
S-39_(5.0-	07487-012	SOIL	80		63		94		86	
R-39_(0-2.	07487-013	SOIL	103		62		97		54	
R-39_(4.5-	07487-016	SOIL	85		89		104		79	
R-39_(5.0-	07487-017	SOIL	82		57		93		75	
R-38_(0-2.	07487-018	SOIL	102		54		95		55	
S-38_(6.0-	07487-005	SOIL	91		140		100		131	
R-39_(2.0-	07487-014	SOIL	80		139		81		87	
R-39_(3.0-	07487-015	SOIL	D		D		D		D	
R-38_(2.0-	07487-019	SOIL	D		D		D		D	
PCB	07487-019MS	SOIL	D		D		D		D	
PCB	07487-019MSD	SOIL	D		D		D		D	
PCB	LCSS120801-10	SOIL	107		109		100		119	

Surrogate QC Limits	Soil	Aqueous
TCMX = Tetrachloro-m-xylene	21-163	11-163
DCB = Decachlorobiphenyl	30-172	13-170

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 08/09/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS120801-11	SOIL	136		65		115		57	
R-38_(3.0-	07487-020	SOIL	D		D		D		D	
R-38_(4.0-	07487-021	SOIL	89		82		120		80	
R-38_(4.75	07487-022	SOIL	109		69		107		57	
R-37_(4.75	07487-026	SOIL	115		59		101		73	
R-36_(2.0-	07487-028	SOIL	108		59		96		49	
R-36_(3.25	07487-029	SOIL	127		107		125		74	
R-36_(4.0-	07487-030	SOIL	106		57		98		53	
Q-36_(0-2.	07487-031	SOIL	102		82		95		45	
Q-36_(2.0-	07487-032	SOIL	112		56		100		52	
Q-36_(4.0-	07487-033	SOIL	133		83		127		74	
Q-36_(5.0-	07487-034	SOIL	114		73		103		61	
Q-38_(2.0-	07487-036	SOIL	D		D		D		D	
Q-38_(4.75	07487-038	SOIL	103		53		99		53	
Q-39_(0-2.	07487-039	SOIL	D		D		D		D	
PCB	07487-039MS	SOIL	D		D		D		D	
PCB	07487-039MSD	SOIL	D		D		D		D	
PCB	LCSS120801-11	SOIL	131		70		109		58	
R-37_(0-2.	07487-023	SOIL	D		D		D		D	
R-37_(2.0-	07487-024	SOIL	108		92		100		51	
R-37_(4.0-	07487-025	SOIL	145		112		127		68	
Q-38_(0-2.	07487-035	SOIL	D		D		D		D	
Q-38_(4.0-	07487-037	SOIL	115		127		122		76	
R-36_(0-2.	07487-027	SOIL	121		52		117		75	

Surrogate QC Limits	Soil	Aqueous
TCMX = Tetrachloro-m-xylene	21-163	11-163
DCB = Decachlorobiphenyl	30-172	13-170

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 08/09/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS120801-12	SOIL	111		100		100		96	
Q-39_(4.0-	07487-042	SOIL	D		D		D		D	
Q-39_(7.0-	07487-044	SOIL	104		109		72		105	
P-39_(2.0-	07487-047	SOIL	78		160		78		85	
P-39_(6.0-	07487-051	SOIL	101		79		90		95	
P-40_(0-2.	07487-052	SOIL	81		75		74		65	
P-40_(2.0-	07487-053	SOIL	106		101		94		106	
P-40_(4.0-	07487-054	SOIL	D		D		D		D	
P-40_(5.0-	07487-055	SOIL	101		110		103		116	
P-40_(6.0-	07487-056	SOIL	93		102		90		84	
P-38_(0-2.	07487-057	SOIL	86		155		68		86	
PCB	LCSS120801-12	SOIL	111		115		95		97	
Q-39_(2.0-	07487-040	SOIL	95		88		91		89	
Q-39_(3.0-	07487-041	SOIL	D		D		D		D	
Q-39_(6.0-	07487-043	SOIL	D		D		D		D	
P-39_(0-1.	07487-045	SOIL	D		D		D		D	
P-39_(1.75	07487-046	SOIL	D		D		D		D	
P-39_(3.0-	07487-048	SOIL	D		D		D		D	
P-39_(4.0-	07487-049	SOIL	D		D		D		D	
P-39_(4.25	07487-050	SOIL	116		95		104		103	
P-38_(2.0-	07487-058	SOIL	D		D		D		D	
P-38_(4.0-	07487-059	SOIL	87		69		72		65	
PCB	07487-059MS	SOIL	83		71		70		71	
PCB	07487-059MSD	SOIL	85		75		72		69	

Surrogate QC Limits	Soil	Aqueous
TCMX = Tetrachloro-m-xylene	21-163	11-163
DCB = Decachlorobiphenyl	30-172	13-170

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 08/09/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS120801-13	SOIL	133		64		116		57	
P-37_(0-2.	07487-061	SOIL	110		80		105		66	
P-37_(4.0-	07487-064	SOIL	132		100		110		59	
P-36_(4.0-	07543-003	SOIL	110		84		122		67	
P-36_(5.25	07543-004	SOIL	118		69		108		59	
O-36_(0-2.	07543-005	SOIL	113		64		105		57	
O-36_(2.0-	07543-006	SOIL	112		77		105		59	
O-36_(4.0-	07543-007	SOIL	132		102		131		71	
O-36_(4.75	07543-008	SOIL	113		85		108		58	
O-37_(2.0-	07543-010	SOIL	116		64		108		58	
O-37_(4.25	07543-011	SOIL	123		77		113		65	
O-38_(0-2.	07543-012	SOIL	121		63		109		57	
O-38_(2.0-	07543-013	SOIL	126		75		110		61	
O-38_(5.0-	07543-015	SOIL	126		77		110		64	
O-39_(0-2.	07543-016	SOIL	152		85		133		87	
PCB	07543-016MS	SOIL	104		57		94		69	
PCB	07543-016MSD	SOIL	111		71		98		66	
PCB	LCSS120801-13	SOIL	137		70		116		60	
P-37_(2.0-	07487-062	SOIL	102		43		102		41	
P-37_(3.5-	07487-063	SOIL	126		44		122		48	
P-36_(0-2.	07543-001	SOIL	112		58		107		54	
P-36_(2.0-	07543-002	SOIL	122		47		121		52	
O-37_(0-2.	07543-009	SOIL	89		49		95		55	
O-38_(4.0-	07543-014	SOIL	120		50		122		56	

Surrogate QC Limits	Soil	Aqueous
TCMX = Tetrachloro-m-xylene	21-163	11-163
DCB = Decachlorobiphenyl	30-172	13-170

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

AQUEOUS PCB BLANK SPIKE RECOVERY

Matrix spike Lab sample ID: LCSA120801-06

Compound	SPIKE ADDED (ug/L)	SAMPLE CONC. (ug/L)	MS CONC. (ug/L)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	435.2	87	70 - 130
Aroclor-1260	500.0	0.0	369.4	74	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

Spike Recovery: __0___ out of __2__ outside limits

SOIL PCB BLANK SPIKE RECOVERY

Matrix spike Lab sample ID: LCSS120801-10

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	484.2	97	70 - 130
Aroclor-1260	500.0	0.0	520.6	104	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

Spike Recovery: __0___ out of __2__ outside limits

SOIL PCB BLANK SPIKE RECOVERY

Matrix spike Lab sample ID: LCSS120801-11

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	447.6	90	70 - 130
Aroclor-1260	500.0	0.0	429.7	86	70 - 130

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

Spike Recovery: __0___ out of __2__ outside limits

SOIL PCB BLANK SPIKE RECOVERY

Matrix spike Lab sample ID: LCSS120801-12

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	464.3	93	70 - 130
Aroclor-1260	500.0	0.0	446.5	89	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

Spike Recovery: __0___ out of __2__ outside limits

SOIL PCB BLANK SPIKE RECOVERY

Matrix spike Lab sample ID: LCSS120801-13

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	574.1	115	70 - 130
Aroclor-1260	500.0	0.0	436.3	87	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

Spike Recovery: __0___ out of __2__ outside limits

AQUEOUS PCB MATRIX SPIKE/SPIKE DUPLICATE RECOVERY

Matrix spike Lab sample ID: 07553-001MSD

Compound	SPIKE ADDED (ug/L)	SAMPLE CONC. (ug/L)	MS CONC. (ug/L)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	339.4	68	40 - 140
Aroclor-1260	500.0	0.0	248.3	50	40 - 140

Compound	SAMPLE CONC. (ug/L)	MSD CONC. (ug/L)	#	MSD % REC	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	428.7		86	23	50	40 - 140
Aroclor-1260	0.0	245.2		49	2	50	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

RPD: __0___ out of __2__ outside limits

Spike Recovery: __0___ out of __4__ outside limits

SOIL PCB MATRIX SPIKE/SPIKE DUPLICATE RECOVERY

Matrix spike Lab sample ID: 07487-019MSD

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	NC	NC	NC	40 - 140
Aroclor-1260	500.0	NC	NC	NC	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	#	MSD % REC	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	NC	NC		NC	NC	50	40 - 140
Aroclor-1260	NC	NC		NC	NC	50	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

RPD: __2___ out of __2__ outside limits

Spike Recovery: __4___ out of __4__ outside limits

SOIL PCB MATRIX SPIKE/SPIKE DUPLICATE RECOVERY

Matrix spike Lab sample ID: 07487-039MS

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	NC	NC	NC	40 - 140
Aroclor-1260	500.0	NC	NC	NC	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	MSD % # REC	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	NC	NC	NC	NC	50	40 - 140
Aroclor-1260	NC	NC	NC	NC	50	40 - 140

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

RPD: __2___ out of __2__ outside limits

Spike Recovery: __4___ out of __4__ outside limits

SOIL PCB MATRIX SPIKE/SPIKE DUPLICATE RECOVERY

Matrix spike Lab sample ID: 07487-059MSD

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	NC	NC	NC	40 - 140
Aroclor-1260	500.0	NC	NC	NC	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	MSD % # REC	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	NC	NC	NC	NC	50	40 - 140
Aroclor-1260	NC	NC	NC	NC	50	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

RPD: __2___ out of __2__ outside limits

Spike Recovery: __4___ out of __4__ outside limits

SOIL PCB MATRIX SPIKE/SPIKE DUPLICATE RECOVERY

Matrix spike Lab sample ID: 07543-016MSD

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	NC	NC	NC	40 - 140
Aroclor-1260	500.0	NC	NC	NC	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	MSD % # REC	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	NC	NC	NC	NC	50	40 - 140
Aroclor-1260	NC	NC	NC	NC	50	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

RPD: __2___ out of __2__ outside limits

Spike Recovery: __4___ out of __4__ outside limits

PCB METHOD BLANK SUMMARY

Lab File ID: Y7879.D

Instrument ID: GC-Y

Date Extracted: 08/01/2012

Matrix: AQUEOUS

Date Analyzed: 08/03/2012

Time Analyzed: 10:22

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
CLI-V12-19	07552-001	08/03/2012	10:39
HAR-V12-19	07553-001	08/03/2012	10:56
JC-V12-190	07554-001	08/03/2012	11:13
JC-V12-191	07554-002	08/03/2012	11:30
JC-V12-191	07554-003	08/03/2012	11:48
MW-1R	07515-001	08/03/2012	12:05
MW-2	07515-002	08/03/2012	12:22
MW-3	07515-003	08/03/2012	12:39
FIELD_BLAN	07515-004	08/03/2012	12:56
FB-20	07487-065	08/03/2012	13:14
FB-21	07543-064	08/03/2012	13:31
FB-S	07633-015	08/03/2012	13:48
PCB	07553-001MS	08/03/2012	14:05
PCB	07553-001MSD	08/03/2012	14:22
PCB	LCSA120801-06	08/03/2012	14:40

PCB METHOD BLANK SUMMARY

Lab File ID: Y8171.D

Instrument ID: GC-Y

Date Extracted: 08/01/2012

Matrix: SOIL

Date Analyzed: 08/08/2012

Time Analyzed: 10:27

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
P-38_(5.0-	07487-060	08/08/2012	10:45
S-38_(0-2.	07487-001	08/08/2012	11:02
S-38_(2.0-	07487-002	08/08/2012	11:19
S-38_(3.0-	07487-003	08/08/2012	11:36
S-38_(4.0-	07487-004	08/08/2012	11:53
S-38_(6.75	07487-006	08/08/2012	12:28
S-39_(0-1.	07487-007	08/08/2012	12:45
S-39_(1.75	07487-008	08/08/2012	13:02
S-39_(2.0-	07487-009	08/08/2012	13:20
S-39_(2.75	07487-010	08/08/2012	13:37
S-39_(4.0-	07487-011	08/08/2012	13:54
S-39_(5.0-	07487-012	08/08/2012	14:11
R-39_(0-2.	07487-013	08/08/2012	14:28
R-39_(4.5-	07487-016	08/08/2012	15:20
R-39_(5.0-	07487-017	08/08/2012	15:37
R-38_(0-2.	07487-018	08/08/2012	15:55
S-38_(6.0-	07487-005	08/08/2012	21:46
R-39_(2.0-	07487-014	08/08/2012	22:04
R-39_(3.0-	07487-015	08/08/2012	22:21
R-38_(2.0-	07487-019	08/08/2012	22:38
PCB	07487-019MS	08/08/2012	22:55
PCB	07487-019MSD	08/08/2012	23:13
PCB	LCSS120801-10	08/09/2012	01:30

PCB METHOD BLANK SUMMARY

Lab File ID: R2608.D

Instrument ID: GC-R

Date Extracted: 08/01/2012

Matrix: SOIL

Date Analyzed: 08/09/2012

Time Analyzed: 03:32

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
R-38_(3.0-	07487-020	08/09/2012	03:49
R-38_(4.0-	07487-021	08/09/2012	04:07
R-38_(4.75	07487-022	08/09/2012	04:24
R-37_(4.75	07487-026	08/09/2012	05:34
R-36_(2.0-	07487-028	08/09/2012	06:09
R-36_(3.25	07487-029	08/09/2012	06:26
R-36_(4.0-	07487-030	08/09/2012	06:44
Q-36_(0-2.	07487-031	08/09/2012	07:01
Q-36_(2.0-	07487-032	08/09/2012	07:19
Q-36_(4.0-	07487-033	08/09/2012	07:36
Q-36_(5.0-	07487-034	08/09/2012	07:54
Q-38_(2.0-	07487-036	08/09/2012	08:29
Q-38_(4.75	07487-038	08/09/2012	09:04
Q-39_(0-2.	07487-039	08/09/2012	09:21
PCB	07487-039MS	08/09/2012	09:39
PCB	07487-039MSD	08/09/2012	09:56
PCB	LCSS120801-11	08/09/2012	10:14
R-37_(0-2.	07487-023	08/09/2012	18:16
R-37_(2.0-	07487-024	08/09/2012	18:33
R-37_(4.0-	07487-025	08/09/2012	18:50
Q-38_(0-2.	07487-035	08/09/2012	19:25
Q-38_(4.0-	07487-037	08/09/2012	19:43
R-36_(0-2.	07487-027	08/11/2012	08:31

PCB METHOD BLANK SUMMARY

Lab File ID: Y8250.D

Instrument ID: GC-Y

Date Extracted: 08/01/2012

Matrix: SOIL

Date Analyzed: 08/09/2012

Time Analyzed: 20:47

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
Q-39_(4.0-	07487-042	08/09/2012	21:39
Q-39_(7.0-	07487-044	08/09/2012	22:13
P-39_(2.0-	07487-047	08/10/2012	11:05
P-39_(6.0-	07487-051	08/10/2012	12:14
P-40_(0-2.	07487-052	08/10/2012	12:31
P-40_(2.0-	07487-053	08/10/2012	12:48
P-40_(4.0-	07487-054	08/10/2012	13:05
P-40_(5.0-	07487-055	08/10/2012	13:23
P-40_(6.0-	07487-056	08/10/2012	13:40
P-38_(0-2.	07487-057	08/10/2012	13:57
PCB	LCSS120801-12	08/10/2012	15:23
Q-39_(2.0-	07487-040	08/11/2012	02:23
Q-39_(3.0-	07487-041	08/11/2012	02:40
Q-39_(6.0-	07487-043	08/11/2012	02:57
P-39_(0-1.	07487-045	08/11/2012	03:15
P-39_(1.75	07487-046	08/11/2012	03:32
P-39_(3.0-	07487-048	08/11/2012	03:49
P-39_(4.0-	07487-049	08/11/2012	04:06
P-39_(4.25	07487-050	08/12/2012	13:34
P-38_(2.0-	07487-058	08/12/2012	13:51
P-38_(4.0-	07487-059	08/12/2012	14:08
PCB	07487-059MS	08/12/2012	14:26
PCB	07487-059MSD	08/12/2012	14:43

PCB METHOD BLANK SUMMARY

Lab File ID: R2646.D

Instrument ID: GC-R

Date Extracted: 08/01/2012

Matrix: SOIL

Date Analyzed: 08/09/2012

Time Analyzed: 20:35

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
P-37_(0-2.	07487-061	08/09/2012	20:53
P-37_(4.0-	07487-064	08/09/2012	21:45
P-36_(4.0-	07543-003	08/09/2012	22:37
P-36_(5.25	07543-004	08/09/2012	22:55
O-36_(0-2.	07543-005	08/09/2012	23:12
O-36_(2.0-	07543-006	08/09/2012	23:29
O-36_(4.0-	07543-007	08/09/2012	23:47
O-36_(4.75	07543-008	08/10/2012	00:04
O-37_(2.0-	07543-010	08/10/2012	00:39
O-37_(4.25	07543-011	08/10/2012	00:57
O-38_(0-2.	07543-012	08/10/2012	01:14
O-38_(2.0-	07543-013	08/10/2012	01:31
O-38_(5.0-	07543-015	08/10/2012	02:06
O-39_(0-2.	07543-016	08/10/2012	02:24
PCB	07543-016MS	08/10/2012	02:41
PCB	07543-016MSD	08/10/2012	02:58
PCB	LCSS120801-13	08/10/2012	03:16
P-37_(2.0-	07487-062	08/11/2012	06:46
P-37_(3.5-	07487-063	08/11/2012	07:03
P-36_(0-2.	07543-001	08/11/2012	07:21
P-36_(2.0-	07543-002	08/11/2012	07:38
O-37_(0-2.	07543-009	08/11/2012	07:56
O-38_(4.0-	07543-014	08/11/2012	08:13

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 07/27/2012

Instrument ID: GC-Y
GC Column (1st): DB-5

Data File: Y7474.D Y7473.D Y7472.D Y7471.D Y7470.D

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WINDOW FROM	TO
Aroclor-1016	3.28	3.28	3.28	3.28	3.28	3.28	3.21	3.35
Aroclor-1016 {2}	4.11	4.11	4.11	4.11	4.11	4.11	4.04	4.18
Aroclor-1016 {3}	4.66	4.66	4.66	4.66	4.66	4.66	4.59	4.73
Aroclor-1016 {4}	5.16	5.17	5.17	5.17	5.17	5.17	5.10	5.24
Aroclor-1016 {5}	5.56	5.56	5.56	5.56	5.56	5.56	5.49	5.63
Aroclor-1221			2.18				2.11	2.25
Aroclor-1221 {2}			3.07				3.00	3.14
Aroclor-1221 {3}			3.20				3.13	3.27
Aroclor-1221 {4}			3.28				3.21	3.35
Aroclor-1221 {5}			3.87				3.80	3.94
Aroclor-1232			3.28				3.21	3.35
Aroclor-1232 {2}			4.11				4.04	4.18
Aroclor-1232 {3}			4.77				4.70	4.84
Aroclor-1232 {4}			5.37				5.30	5.44
Aroclor-1232 {5}			5.56				5.49	5.63
Aroclor-1242			4.11				4.04	4.18
Aroclor-1242 {2}			5.05				4.98	5.12
Aroclor-1242 {3}			5.37				5.30	5.44
Aroclor-1242 {4}			6.06				5.99	6.13
Aroclor-1242 {5}			6.33				6.26	6.40
Aroclor-1248			4.51				4.43	4.59
Aroclor-1248 {2}			5.05				4.97	5.13
Aroclor-1248 {3}			5.37				5.29	5.45
Aroclor-1248 {4}			6.06				5.98	6.14
Aroclor-1248 {5}			6.33				6.25	6.41
Aroclor-1254			6.46				6.38	6.54
Aroclor-1254 {2}			6.89				6.81	6.97
Aroclor-1254 {3}			7.05				6.96	7.14
Aroclor-1254 {4}			7.49				7.40	7.58
Aroclor-1254 {5}			8.33				8.24	8.42
Aroclor-1260	8.33	8.33	8.33	8.33	8.33	8.33	7.43	9.23
Aroclor-1260 {2}	9.01	9.00	9.00	9.01	9.00	9.01	8.11	9.91
Aroclor-1260 {3}	9.48	9.48	9.48	9.48	9.48	9.48	8.58	10.38
Aroclor-1260 {4}	9.96	9.96	9.96	9.96	9.96	9.96	9.06	10.86
Aroclor-1260 {5}	11.02	11.02	11.02	11.02	11.02	11.02	10.12	11.92

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 07/27/2012

Instrument ID: GC-Y

GC Column (1st): DB-5

Data File: Y7474.D Y7473.D Y7472.D Y7471.D Y7470.D

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1016	1499497	1643572	1620204	1731844	1719392	1642902	5.68
Aroclor-1016 {2}	2187265	2186431	2233810	2382611	2382046	2274432	4.41
Aroclor-1016 {3}	2912686	2970331	3031654	3289357	3297690	3100344	5.85
Aroclor-1016 {4}	1473842	1463685	1463123	1543728	1536374	1496150	2.70
Aroclor-1016 {5}	2335219	2359157	2429888	2639510	2665231	2485801	6.29
Aroclor-1221			857779				
Aroclor-1221 {2}			1274912				
Aroclor-1221 {3}			830802				
Aroclor-1221 {4}			3079812				
Aroclor-1221 {5}			690280				
Aroclor-1232			1822159				
Aroclor-1232 {2}			1003890				
Aroclor-1232 {3}			928746				
Aroclor-1232 {4}			974151				
Aroclor-1232 {5}			1306873				
Aroclor-1242			2214957				
Aroclor-1242 {2}			1390717				
Aroclor-1242 {3}			1992389				
Aroclor-1242 {4}			3277799				
Aroclor-1242 {5}			2814572				
Aroclor-1248			4408931				
Aroclor-1248 {2}			2423768				
Aroclor-1248 {3}			3068505				
Aroclor-1248 {4}			5573129				
Aroclor-1248 {5}			4165551				
Aroclor-1254			5890792				
Aroclor-1254 {2}			3879129				
Aroclor-1254 {3}			7412088				
Aroclor-1254 {4}			7690374				
Aroclor-1254 {5}			6900019				
Aroclor-1260	6754156	6816455	7228305	7784304	7734241	7263492	6.72
Aroclor-1260 {2}	2788826	3091170	3209959	3370664	3384228	3168969	7.72
Aroclor-1260 {3}	7747207	7867436	8197830	8754564	8696832	8252774	5.61
Aroclor-1260 {4}	3858168	4076459	4066742	4340387	4322153	4132782	4.87
Aroclor-1260 {5}	1594242	1739131	1689846	1780779	1611042	1683008	4.77
						Average %RSD	5.46

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 07/27/2012

Instrument ID: GC-Y
GC Column (2nd): RTX-CLP2

Data File: Y7474.C Y7473.C Y7472.C Y7471.C Y7470.C

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WINDOW FROM	TO
Aroclor-1016	3.79	3.79	3.79	3.79	3.79	3.79	3.72	3.86
Aroclor-1016 {2}	4.39	4.39	4.39	4.39	4.39	4.39	4.32	4.46
Aroclor-1016 {3}	5.14	5.14	5.14	5.14	5.14	5.14	5.07	5.21
Aroclor-1016 {4}	5.35	5.35	5.35	5.35	5.35	5.35	5.28	5.42
Aroclor-1016 {5}	5.52	5.52	5.52	5.53	5.52	5.52	5.45	5.59
Aroclor-1221			2.47				2.40	2.54
Aroclor-1221 {2}			3.47				3.40	3.54
Aroclor-1221 {3}			3.71				3.64	3.78
Aroclor-1221 {4}			3.80				3.73	3.87
Aroclor-1221 {5}			5.15				5.08	5.22
Aroclor-1232			3.79				3.72	3.86
Aroclor-1232 {2}			4.78				4.71	4.85
Aroclor-1232 {3}			5.35				5.28	5.42
Aroclor-1232 {4}			5.53				5.46	5.60
Aroclor-1232 {5}			6.13				6.06	6.20
Aroclor-1242			4.77				4.70	4.84
Aroclor-1242 {2}			5.52				5.45	5.59
Aroclor-1242 {3}			6.12				6.05	6.19
Aroclor-1242 {4}			6.28				6.21	6.35
Aroclor-1242 {5}			6.83				6.76	6.90
Aroclor-1248			5.14				5.06	5.22
Aroclor-1248 {2}			5.72				5.64	5.80
Aroclor-1248 {3}			6.12				6.04	6.20
Aroclor-1248 {4}			6.28				6.20	6.36
Aroclor-1248 {5}			6.63				6.55	6.71
Aroclor-1254			7.12				7.04	7.20
Aroclor-1254 {2}			7.71				7.63	7.79
Aroclor-1254 {3}			8.32				8.23	8.41
Aroclor-1254 {4}			8.55				8.46	8.64
Aroclor-1254 {5}			9.14				9.05	9.23
Aroclor-1260	7.89	7.89	7.89	7.89	7.89	7.89	6.99	8.79
Aroclor-1260 {2}	8.14	8.14	8.14	8.14	8.14	8.14	7.24	9.04
Aroclor-1260 {3}	9.73	9.73	9.73	9.73	9.73	9.73	8.83	10.63
Aroclor-1260 {4}	10.23	10.24	10.24	10.24	10.24	10.24	9.34	11.14
Aroclor-1260 {5}	10.83	10.83	10.83	10.83	10.83	10.83	9.93	11.73

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 07/27/2012

Instrument ID: GC-Y
GC Column (2nd): RTX-CLP2

Data File: Y7474.C Y7473.C Y7472.C Y7471.C Y7470.C

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1016	716762	706227	592756	606323	580908	640595	10.22
Aroclor-1016 {2}	1491342	1367756	1172264	1189784	1143037	1272837	11.82
Aroclor-1016 {3}	3232967	3014659	2707397	2809215	2741209	2901089	7.60
Aroclor-1016 {4}	1397458	1343377	1159070	1184958	1147159	1246404	9.28
Aroclor-1016 {5}	1092976	1027173	900173	930790	905784	971379	8.75
Aroclor-1221			303117				
Aroclor-1221 {2}			445826				
Aroclor-1221 {3}			275257				
Aroclor-1221 {4}			1026756				
Aroclor-1221 {5}			194646				
Aroclor-1232			669139				
Aroclor-1232 {2}			250595				
Aroclor-1232 {3}			554533				
Aroclor-1232 {4}			429284				
Aroclor-1232 {5}			589289				
Aroclor-1242			514508				
Aroclor-1242 {2}			903404				
Aroclor-1242 {3}			1170522				
Aroclor-1242 {4}			977089				
Aroclor-1242 {5}			1942170				
Aroclor-1248			1594094				
Aroclor-1248 {2}			2342634				
Aroclor-1248 {3}			1693836				
Aroclor-1248 {4}			1453571				
Aroclor-1248 {5}			839630				
Aroclor-1254			2166860				
Aroclor-1254 {2}			1708212				
Aroclor-1254 {3}			1684100				
Aroclor-1254 {4}			964117				
Aroclor-1254 {5}			2390859				
Aroclor-1260	1123931	1173392	1022484	1046311	1010906	1075405	6.54
Aroclor-1260 {2}	1719813	1703397	1498782	1527259	1473866	1584623	7.42
Aroclor-1260 {3}	1342862	1318301	1302734	1349136	1311077	1324822	1.53
Aroclor-1260 {4}	3007176	2672208	2849816	2985401	2914821	2885884	4.66
Aroclor-1260 {5}	1892243	1968924	2095635	2141260	2064573	2032527	4.95
						Average %RSD	7.28

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 07/27/2012

Instrument ID: GC-Y
GC Column (1st): DB-5

Data File: Y7474.D Y7473.D Y7472.D Y7471.D Y7470.D

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WI NDOW FROM	TO
Aroclor-1262			8.62				7.72	7.72
Aroclor-1262 {2}			9.48				8.58	8.58
Aroclor-1262 {3}			10.11				9.21	9.21
Aroclor-1262 {4}			10.20				9.20	9.20
Aroclor-1262 {5}			11.02				10.02	10.02
Aroclor-1268			10.11				9.11	9.11
Aroclor-1268 {2}			10.19				9.09	9.09
Aroclor-1268 {3}			10.66				9.56	9.56
Aroclor-1268 {4}			10.79				9.69	9.69
Aroclor-1268 {5}			11.62				10.52	10.52

GC Column (2nd): DB-1701P

Data File: Y7474.C Y7473.C Y7472.C Y7471.C Y7470.C

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WI NDOW FROM	TO
Aroclor-1262			9.73				8.83	8.83
Aroclor-1262 {2}			10.24				9.34	9.34
Aroclor-1262 {3}			10.73				9.83	9.83
Aroclor-1262 {4}			10.82				9.82	9.82
Aroclor-1262 {5}			11.42				10.42	10.42
Aroclor-1268			10.73				9.73	9.73
Aroclor-1268 {2}			10.81				9.71	9.71
Aroclor-1268 {3}			11.06				9.96	9.96
Aroclor-1268 {4}			11.21				10.11	10.11
Aroclor-1268 {5}			12.28				11.18	11.18

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 07/27/2012

Instrument ID: GC-Y
GC Column (1st): DB-5

Data File: Y7474.D Y7473.D Y7472.D Y7471.D Y7470.D

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1262			7714965				
Aroclor-1262 {2}			14417198				
Aroclor-1262 {3}			3110518				
Aroclor-1262 {4}			6075825				
Aroclor-1262 {5}			4508924				
Aroclor-1268			10860016				
Aroclor-1268 {2}			14225411				
Aroclor-1268 {3}			10282793				
Aroclor-1268 {4}			2897358				
Aroclor-1268 {5}			31426339				

GC Column (2nd): DB-1701P

Data File: Y7474.C Y7473.C Y7472.C Y7471.C Y7470.C

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1262			2286092				
Aroclor-1262 {2}			5016859				
Aroclor-1262 {3}			1654661				
Aroclor-1262 {4}			3415456				
Aroclor-1262 {5}			562448				
Aroclor-1268			4906314				
Aroclor-1268 {2}			5097805				
Aroclor-1268 {3}			4029758				
Aroclor-1268 {4}			1168430				
Aroclor-1268 {5}			12079931				

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/03/2012

Instrument ID: GC-R
GC Column (2nd): RTX-CLP2

Data File: R2317.C R2316.C R2315.C R2314.C R2313.C

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WI NDOW FROM	TO
Aroclor-1016	4.31	4.31	4.31	4.31	4.31	4.31	4.24	4.38
Aroclor-1016 {2}	4.93	4.93	4.93	4.93	4.93	4.93	4.86	5.00
Aroclor-1016 {3}	5.70	5.70	5.70	5.70	5.70	5.70	5.63	5.77
Aroclor-1016 {4}	5.91	5.91	5.91	5.91	5.91	5.91	5.84	5.98
Aroclor-1016 {5}	6.09	6.09	6.09	6.09	6.10	6.09	6.02	6.16
Aroclor-1221			2.91				2.84	2.98
Aroclor-1221 {2}			3.97				3.90	4.04
Aroclor-1221 {3}			4.21				4.14	4.28
Aroclor-1221 {4}			4.31				4.24	4.38
Aroclor-1221 {5}			5.70				5.63	5.77
Aroclor-1232			4.31				4.24	4.38
Aroclor-1232 {2}			5.33				5.26	5.40
Aroclor-1232 {3}			5.92				5.85	5.99
Aroclor-1232 {4}			6.10				6.03	6.17
Aroclor-1232 {5}			6.70				6.63	6.77
Aroclor-1242			5.33				5.26	5.40
Aroclor-1242 {2}			6.09				6.02	6.16
Aroclor-1242 {3}			6.70				6.63	6.77
Aroclor-1242 {4}			6.86				6.79	6.93
Aroclor-1242 {5}			7.42				7.35	7.49
Aroclor-1248			5.70				5.62	5.78
Aroclor-1248 {2}			6.30				6.22	6.38
Aroclor-1248 {3}			6.70				6.62	6.78
Aroclor-1248 {4}			6.86				6.78	6.94
Aroclor-1248 {5}			7.22				7.14	7.30
Aroclor-1254			7.71				7.63	7.79
Aroclor-1254 {2}			8.31				8.23	8.39
Aroclor-1254 {3}			8.76				8.67	8.85
Aroclor-1254 {4}			8.93				8.84	9.02
Aroclor-1254 {5}			9.76				9.67	9.85
Aroclor-1260	8.75	8.76	8.75	8.75	8.76	8.75	7.85	9.65
Aroclor-1260 {2}	9.16	9.16	9.16	9.16	9.16	9.16	8.26	10.06
Aroclor-1260 {3}	10.37	10.37	10.37	10.37	10.37	10.37	9.47	11.27
Aroclor-1260 {4}	10.88	10.88	10.88	10.88	10.88	10.88	9.98	11.78
Aroclor-1260 {5}	11.47	11.48	11.48	11.48	11.48	11.48	10.58	12.38

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/03/2012

Instrument ID: GC-R
GC Column (2nd): RTX-CLP2

Data File: R2317.C R2316.C R2315.C R2314.C R2313.C

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1016	3301781	2954105	2643643	2529226	2303020	2746355	14.17
Aroclor-1016 {2}	6707489	6150160	5110511	4948360	4347097	5452724	17.53
Aroclor-1016 {3}	14745460	12859894	11264390	11150500	10121445	12028338	15.02
Aroclor-1016 {4}	5742883	5607312	4849813	4698138	4249064	5029442	12.55
Aroclor-1016 {5}	5012641	4334838	3727625	3633227	3135719	3968810	18.21
Aroclor-1221			1122396				
Aroclor-1221 {2}			1539972				
Aroclor-1221 {3}			1037434				
Aroclor-1221 {4}			3477204				
Aroclor-1221 {5}			726493				
Aroclor-1232			2723088				
Aroclor-1232 {2}			1075934				
Aroclor-1232 {3}			2243133				
Aroclor-1232 {4}			1695418				
Aroclor-1232 {5}			2462122				
Aroclor-1242			1734866				
Aroclor-1242 {2}			2937496				
Aroclor-1242 {3}			3926592				
Aroclor-1242 {4}			3302370				
Aroclor-1242 {5}			3081015				
Aroclor-1248			5584663				
Aroclor-1248 {2}			7985358				
Aroclor-1248 {3}			5968248				
Aroclor-1248 {4}			5106084				
Aroclor-1248 {5}			2887863				
Aroclor-1254			5441537				
Aroclor-1254 {2}			5978071				
Aroclor-1254 {3}			3838743				
Aroclor-1254 {4}			5725090				
Aroclor-1254 {5}			7956918				
Aroclor-1260	7970181	7043339	5736710	5616554	5210658	6315488	18.25
Aroclor-1260 {2}	9207320	8223573	6675375	6514070	5872398	7298547	18.81
Aroclor-1260 {3}	5862064	5654391	4967417	4891180	3825217	5040054	15.86
Aroclor-1260 {4}	11168198	10895756	9702263	9449954	8929616	10029157	9.59
Aroclor-1260 {5}	9642825	8763279	7680727	7558727	6969315	8122975	13.15
					Average %RSD		15.31

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/03/2012

Instrument ID: GC-R
GC Column (1st): DB-5

Data File: R2317.D R2316.D R2315.D R2314.D R2313.D

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WINDOW FROM	TO
Aroclor-1262			9.54				8.64	8.64
Aroclor-1262 {2}			10.41				9.51	9.51
Aroclor-1262 {3}			11.06				10.16	10.16
Aroclor-1262 {4}			11.15				10.15	10.15
Aroclor-1262 {5}			11.98				10.98	10.98
Aroclor-1268			11.06				10.06	10.06
Aroclor-1268 {2}			11.15				10.05	10.05
Aroclor-1268 {3}			11.63				10.53	10.53
Aroclor-1268 {4}			11.76				10.66	10.66
Aroclor-1268 {5}			12.60				11.50	11.50

GC Column (2nd): DB-1701P

Data File: R2317.C R2316.C R2315.C R2314.C R2313.C

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WINDOW FROM	TO
Aroclor-1262			10.37				9.47	9.47
Aroclor-1262 {2}			10.88				9.98	9.98
Aroclor-1262 {3}			11.38				10.48	10.48
Aroclor-1262 {4}			11.47				10.47	10.47
Aroclor-1262 {5}			12.08				11.08	11.08
Aroclor-1268			11.38				10.38	10.38
Aroclor-1268 {2}			11.46				10.36	10.36
Aroclor-1268 {3}			11.72				10.62	10.62
Aroclor-1268 {4}			11.87				10.77	10.77
Aroclor-1268 {5}			12.95				11.85	11.85

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/03/2012

Instrument ID: GC-R
GC Column (1st): DB-5

Data File: R2317.D R2316.D R2315.D R2314.D R2313.D

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1262			17525688				
Aroclor-1262 {2}			29638775				
Aroclor-1262 {3}			11417295				
Aroclor-1262 {4}			11211241				
Aroclor-1262 {5}			8026484				
Aroclor-1268			32102927				
Aroclor-1268 {2}			27961472				
Aroclor-1268 {3}			23524487				
Aroclor-1268 {4}			5436485				
Aroclor-1268 {5}			59091331				

GC Column (2nd): DB-1701P

Data File: R2317.C R2316.C R2315.C R2314.C R2313.C

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1262			6981401				
Aroclor-1262 {2}			14077231				
Aroclor-1262 {3}			5235717				
Aroclor-1262 {4}			10133728				
Aroclor-1262 {5}			1994301				
Aroclor-1268			15051290				
Aroclor-1268 {2}			14571754				
Aroclor-1268 {3}			12197691				
Aroclor-1268 {4}			3103769				
Aroclor-1268 {5}			37540894				

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/03/2012

Instrument ID: GC-R
GC Column (1st): DB-5

Data File: R2317.D R2316.D R2315.D R2314.D R2313.D

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1016	4148547	3474713	3391408	3465880	3183041	3532718	10.30
Aroclor-1016 {2}	4814045	4541000	4561907	4617462	3394207	4385724	12.88
Aroclor-1016 {3}	7568738	6430138	6225723	6332514	5696869	6450796	10.64
Aroclor-1016 {4}	3542346	3069983	2794832	2915236	2754293	3015338	10.59
Aroclor-1016 {5}	6830760	5605541	5084418	5245594	4927718	5538806	13.81
Aroclor-1221			1229343				
Aroclor-1221 {2}			1914692				
Aroclor-1221 {3}			1356591				
Aroclor-1221 {4}			4598908				
Aroclor-1221 {5}			960571				
Aroclor-1232			3418592				
Aroclor-1232 {2}			1963761				
Aroclor-1232 {3}			1861795				
Aroclor-1232 {4}			1873511				
Aroclor-1232 {5}			2526106				
Aroclor-1242			3604887				
Aroclor-1242 {2}			2304299				
Aroclor-1242 {3}			3251247				
Aroclor-1242 {4}			4676274				
Aroclor-1242 {5}			4426889				
Aroclor-1248			7617307				
Aroclor-1248 {2}			4289968				
Aroclor-1248 {3}			5493016				
Aroclor-1248 {4}			8520185				
Aroclor-1248 {5}			7158979				
Aroclor-1254			9934700				
Aroclor-1254 {2}			6357385				
Aroclor-1254 {3}			11846584				
Aroclor-1254 {4}			13808739				
Aroclor-1254 {5}			11537908				
Aroclor-1260	13232716	14847679	14279675	14895160	12844991	14020044	6.69
Aroclor-1260 {2}	8356822	7467531	7187821	8016598	6047587	7415272	12.01
Aroclor-1260 {3}	24553014	24006644	25499192	26354326	24629842	25008604	3.69
Aroclor-1260 {4}	10630020	10556390	10880601	10512594	9382497	10392420	5.60
Aroclor-1260 {5}	5154888	4820946	4487637	4471914	4276315	4642340	7.47
						Average %RSD	9.37

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/03/2012

Instrument ID: GC-R
GC Column (1st): DB-5

Data File: R2317.D R2316.D R2315.D R2314.D R2313.D

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WI NDOW FROM	TO
Aroclor-1016	3.98	3.98	3.97	3.97	3.97	3.97	3.90	4.04
Aroclor-1016 {2}	4.87	4.87	4.87	4.87	4.87	4.87	4.80	4.94
Aroclor-1016 {3}	5.45	5.45	5.45	5.45	5.45	5.45	5.38	5.52
Aroclor-1016 {4}	5.99	5.99	5.98	5.98	5.99	5.99	5.92	6.06
Aroclor-1016 {5}	6.40	6.40	6.40	6.40	6.40	6.40	6.33	6.47
Aroclor-1221			2.75				2.68	2.82
Aroclor-1221 {2}			3.75				3.68	3.82
Aroclor-1221 {3}			3.89				3.82	3.96
Aroclor-1221 {4}			3.98				3.91	4.05
Aroclor-1221 {5}			4.62				4.55	4.69
Aroclor-1232			3.98				3.91	4.05
Aroclor-1232 {2}			4.87				4.80	4.94
Aroclor-1232 {3}			5.57				5.50	5.64
Aroclor-1232 {4}			6.19				6.12	6.26
Aroclor-1232 {5}			6.40				6.33	6.47
Aroclor-1242			4.87				4.80	4.94
Aroclor-1242 {2}			5.86				5.79	5.93
Aroclor-1242 {3}			6.19				6.12	6.26
Aroclor-1242 {4}			6.91				6.84	6.98
Aroclor-1242 {5}			7.20				7.13	7.27
Aroclor-1248			5.29				5.21	5.37
Aroclor-1248 {2}			5.86				5.78	5.94
Aroclor-1248 {3}			6.19				6.11	6.27
Aroclor-1248 {4}			6.92				6.84	7.00
Aroclor-1248 {5}			7.20				7.12	7.28
Aroclor-1254			7.32				7.24	7.40
Aroclor-1254 {2}			7.77				7.69	7.85
Aroclor-1254 {3}			7.94				7.85	8.03
Aroclor-1254 {4}			8.39				8.30	8.48
Aroclor-1254 {5}			9.25				9.16	9.34
Aroclor-1260	9.24	9.25	9.25	9.25	9.25	9.25	8.35	10.15
Aroclor-1260 {2}	9.94	9.94	9.94	9.94	9.94	9.94	9.04	10.84
Aroclor-1260 {3}	10.41	10.41	10.41	10.41	10.41	10.41	9.51	11.31
Aroclor-1260 {4}	10.91	10.90	10.90	10.91	10.91	10.91	10.01	11.81
Aroclor-1260 {5}	11.98	11.98	11.98	11.98	11.98	11.98	11.08	12.88

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/03/2012 **Instrument ID:** GC-Y

Data File: Y7878.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.29	3.21	3.35	1642902	1831698	11.49
Aroclor-1016 {2}	4.12	4.04	4.18	2274432	2456667	8.01
Aroclor-1016 {3}	4.67	4.59	4.73	3100344	3397747	9.59
Aroclor-1016 {4}	5.17	5.10	5.24	1496150	1639331	9.57
Aroclor-1016 {5}	5.57	5.49	5.63	2485801	2663147	7.13
Aroclor-1260	8.34	7.43	9.23	7263492	6600303	9.13
Aroclor-1260 {2}	9.01	8.11	9.91	3168969	2678752	15.47
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	7166748	13.16
Aroclor-1260 {4}	9.96	9.06	10.86	4132782	3753626	9.17
Aroclor-1260 {5}	11.02	10.12	11.92	1683008	1770885	5.22
					Average %D	9.80

Data File: Y7878.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.72	3.86	640595	632295	1.30
Aroclor-1016 {2}	4.39	4.32	4.46	1272837	1272128	0.06
Aroclor-1016 {3}	5.14	5.07	5.21	2901089	2942862	1.44
Aroclor-1016 {4}	5.35	5.28	5.42	1246404	1231103	1.23
Aroclor-1016 {5}	5.53	5.45	5.59	971379	961628	1.00
Aroclor-1260	7.89	6.99	8.79	1075405	1048947	2.46
Aroclor-1260 {2}	8.14	7.24	9.04	1584623	1503283	5.13
Aroclor-1260 {3}	9.73	8.83	10.63	1324822	1187044	10.40
Aroclor-1260 {4}	10.23	9.34	11.14	2885884	2604238	9.76
Aroclor-1260 {5}	10.82	9.93	11.73	2032527	1868864	8.05
					Average %D	4.08

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/03/2012 **Instrument ID:** GC-Y

Data File: Y7895.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.29	3.21	3.35	1642902	1937030	17.90
Aroclor-1016 {2}	4.12	4.04	4.18	2274432	2593992	14.05
Aroclor-1016 {3}	4.67	4.59	4.73	3100344	3593774	15.92
Aroclor-1016 {4}	5.17	5.10	5.24	1496150	1742590	16.47
Aroclor-1016 {5}	5.57	5.49	5.63	2485801	2839287	14.22
Aroclor-1260	8.34	7.43	9.23	7263492	7413185	2.06
Aroclor-1260 {2}	9.01	8.11	9.91	3168969	3020796	4.68
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	7356942	10.85
Aroclor-1260 {4}	9.97	9.06	10.86	4132782	3483339	15.71
Aroclor-1260 {5}	11.02	10.12	11.92	1683008	1674823	0.49
					Average %D	11.24

Data File: Y7895.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.72	3.86	640595	676053	5.54
Aroclor-1016 {2}	4.39	4.32	4.46	1272837	1354870	6.44
Aroclor-1016 {3}	5.14	5.07	5.21	2901089	3138697	8.19
Aroclor-1016 {4}	5.35	5.28	5.42	1246404	1317112	5.67
Aroclor-1016 {5}	5.53	5.45	5.59	971379	1031668	6.21
Aroclor-1260	7.89	6.99	8.79	1075405	1129605	5.04
Aroclor-1260 {2}	8.14	7.24	9.04	1584623	1630930	2.92
Aroclor-1260 {3}	9.73	8.83	10.63	1324822	1281508	3.27
Aroclor-1260 {4}	10.23	9.34	11.14	2885884	2555993	11.43
Aroclor-1260 {5}	10.82	9.93	11.73	2032527	1702442	16.24
					Average %D	7.10

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/08/2012 **Instrument ID:** GC-Y

Data File: Y8169.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.29	3.21	3.35	1642902	1862505	13.37
Aroclor-1016 {2}	4.12	4.04	4.18	2274432	2250646	1.05
Aroclor-1016 {3}	4.67	4.59	4.73	3100344	3201496	3.26
Aroclor-1016 {4}	5.17	5.10	5.24	1496150	1627001	8.75
Aroclor-1016 {5}	5.57	5.49	5.63	2485801	2762769	11.14
Aroclor-1260	8.35	7.43	9.23	7263492	6171103	15.04
Aroclor-1260 {2}	9.02	8.11	9.91	3168969	2946737	7.01
Aroclor-1260 {3}	9.49	8.58	10.38	8252774	7126097	13.65
Aroclor-1260 {4}	9.97	9.06	10.86	4132782	4067344	1.58
Aroclor-1260 {5}	11.03	10.12	11.92	1683008	1609878	4.35
					Average %D	7.92

Data File: Y8169.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.81	3.72	3.86	640595	658684	2.82
Aroclor-1016 {2}	4.40	4.32	4.46	1272837	1306885	2.67
Aroclor-1016 {3}	5.16	5.07	5.21	2901089	2875850	0.87
Aroclor-1016 {4}	5.37	5.28	5.42	1246404	1150275	7.71
Aroclor-1016 {5}	5.54	5.45	5.59	971379	926515	4.62
Aroclor-1260	7.90	6.99	8.79	1075405	932647	13.27
Aroclor-1260 {2}	8.15	7.24	9.04	1584623	1396717	11.86
Aroclor-1260 {3}	9.74	8.83	10.63	1324822	1192454	9.99
Aroclor-1260 {4}	10.24	9.34	11.14	2885884	2554059	11.50
Aroclor-1260 {5}	10.83	9.93	11.73	2032527	1813530	10.77
					Average %D	7.61

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/08/2012 **Instrument ID:** GC-Y

Data File: Y8195.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.28	3.21	3.35	1642902	1657840	0.91
Aroclor-1016 {2}	4.11	4.04	4.18	2274432	2278848	0.19
Aroclor-1016 {3}	4.66	4.59	4.73	3100344	3068805	1.02
Aroclor-1016 {4}	5.17	5.10	5.24	1496150	1464013	2.15
Aroclor-1016 {5}	5.56	5.49	5.63	2485801	2443729	1.69
Aroclor-1260	8.33	7.43	9.23	7263492	6667962	8.20
Aroclor-1260 {2}	9.01	8.11	9.91	3168969	3028744	4.42
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	7709843	6.58
Aroclor-1260 {4}	9.96	9.06	10.86	4132782	3860038	6.60
Aroclor-1260 {5}	11.01	10.12	11.92	1683008	1775090	5.47
					Average %D	3.72

Data File: Y8195.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.72	3.86	640595	589354	8.00
Aroclor-1016 {2}	4.38	4.32	4.46	1272837	1183363	7.03
Aroclor-1016 {3}	5.13	5.07	5.21	2901089	2698356	6.99
Aroclor-1016 {4}	5.34	5.28	5.42	1246404	1146987	7.98
Aroclor-1016 {5}	5.52	5.45	5.59	971379	889013	8.48
Aroclor-1260	7.88	6.99	8.79	1075405	981019	8.78
Aroclor-1260 {2}	8.13	7.24	9.04	1584623	1420591	10.35
Aroclor-1260 {3}	9.72	8.83	10.63	1324822	1285957	2.93
Aroclor-1260 {4}	10.23	9.34	11.14	2885884	2651103	8.14
Aroclor-1260 {5}	10.82	9.93	11.73	2032527	2109402	3.78
					Average %D	7.25

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/08/2012 **Instrument ID:** GC-Y

Data File: Y8196.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.28	3.21	3.35	1642902	1766729	7.54
Aroclor-1016 {2}	4.11	4.04	4.18	2274432	2260911	0.59
Aroclor-1016 {3}	4.66	4.59	4.73	3100344	3257645	5.07
Aroclor-1016 {4}	5.16	5.10	5.24	1496150	1585821	5.99
Aroclor-1016 {5}	5.56	5.49	5.63	2485801	2635350	6.02
Aroclor-1260	8.33	7.43	9.23	7263492	7129691	1.84
Aroclor-1260 {2}	9.00	8.11	9.91	3168969	2654184	16.24
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	7952681	3.64
Aroclor-1260 {4}	9.96	9.06	10.86	4132782	3898865	5.66
Aroclor-1260 {5}	11.02	10.12	11.92	1683008	1663960	1.13
					Average %D	5.37

Data File: Y8196.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.72	3.86	640595	620920	3.07
Aroclor-1016 {2}	4.38	4.32	4.46	1272837	1244366	2.24
Aroclor-1016 {3}	5.13	5.07	5.21	2901089	2831011	2.42
Aroclor-1016 {4}	5.34	5.28	5.42	1246404	1149401	7.78
Aroclor-1016 {5}	5.52	5.45	5.59	971379	934201	3.83
Aroclor-1260	7.88	6.99	8.79	1075405	1037949	3.48
Aroclor-1260 {2}	8.13	7.24	9.04	1584623	1506422	4.94
Aroclor-1260 {3}	9.72	8.83	10.63	1324822	1309368	1.17
Aroclor-1260 {4}	10.23	9.34	11.14	2885884	2623835	9.08
Aroclor-1260 {5}	10.82	9.93	11.73	2032527	1912195	5.92
					Average %D	4.39

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/09/2012 **Instrument ID:** GC-Y

Data File: Y8207.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.28	3.21	3.35	1642902	1678527	2.17
Aroclor-1016 {2}	4.11	4.04	4.18	2274432	2344389	3.08
Aroclor-1016 {3}	4.66	4.59	4.73	3100344	3174506	2.39
Aroclor-1016 {4}	5.17	5.10	5.24	1496150	1525128	1.94
Aroclor-1016 {5}	5.56	5.49	5.63	2485801	2547631	2.49
Aroclor-1260	8.33	7.43	9.23	7263492	7543364	3.85
Aroclor-1260 {2}	9.01	8.11	9.91	3168969	3353058	5.81
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	8420943	2.04
Aroclor-1260 {4}	9.96	9.06	10.86	4132782	4081853	1.23
Aroclor-1260 {5}	11.02	10.12	11.92	1683008	1689096	0.36
					Average %D	2.54

Data File: Y8207.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.72	3.86	640595	615832	3.87
Aroclor-1016 {2}	4.38	4.32	4.46	1272837	1226103	3.67
Aroclor-1016 {3}	5.13	5.07	5.21	2901089	2816599	2.91
Aroclor-1016 {4}	5.34	5.28	5.42	1246404	1203587	3.44
Aroclor-1016 {5}	5.52	5.45	5.59	971379	933529	3.90
Aroclor-1260	7.88	6.99	8.79	1075405	1054336	1.96
Aroclor-1260 {2}	8.13	7.24	9.04	1584623	1554137	1.92
Aroclor-1260 {3}	9.72	8.83	10.63	1324822	1375787	3.85
Aroclor-1260 {4}	10.23	9.34	11.14	2885884	2981270	3.31
Aroclor-1260 {5}	10.82	9.93	11.73	2032527	2256961	11.04
					Average %D	3.99

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/09/2012 **Instrument ID:** GC-Y

Data File: Y8249.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.28	3.21	3.35	1642902	1783682	8.57
Aroclor-1016 {2}	4.11	4.04	4.18	2274432	2424433	6.60
Aroclor-1016 {3}	4.66	4.59	4.73	3100344	3330536	7.42
Aroclor-1016 {4}	5.17	5.10	5.24	1496150	1615561	7.98
Aroclor-1016 {5}	5.56	5.49	5.63	2485801	2686516	8.07
Aroclor-1260	8.33	7.43	9.23	7263492	7678151	5.71
Aroclor-1260 {2}	9.00	8.11	9.91	3168969	2934107	7.41
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	8576813	3.93
Aroclor-1260 {4}	9.96	9.06	10.86	4132782	4201390	1.66
Aroclor-1260 {5}	11.02	10.12	11.92	1683008	1615004	4.04
					Average %D	6.14

Data File: Y8249.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.72	3.86	640595	624199	2.56
Aroclor-1016 {2}	4.38	4.32	4.46	1272837	1241830	2.44
Aroclor-1016 {3}	5.13	5.07	5.21	2901089	2862899	1.32
Aroclor-1016 {4}	5.34	5.28	5.42	1246404	1212888	2.69
Aroclor-1016 {5}	5.52	5.45	5.59	971379	949350	2.27
Aroclor-1260	7.88	6.99	8.79	1075405	1055302	1.87
Aroclor-1260 {2}	8.13	7.24	9.04	1584623	1546952	2.38
Aroclor-1260 {3}	9.72	8.83	10.63	1324822	1350324	1.92
Aroclor-1260 {4}	10.23	9.34	11.14	2885884	2831433	1.89
Aroclor-1260 {5}	10.82	9.93	11.73	2032527	2123003	4.45
					Average %D	2.38

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/09/2012 **Instrument ID:** GC-Y

Data File: Y8257.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.28	3.21	3.35	1642902	1721539	4.79
Aroclor-1016 {2}	4.11	4.04	4.18	2274432	2646908	16.38
Aroclor-1016 {3}	4.66	4.59	4.73	3100344	3682889	18.79
Aroclor-1016 {4}	5.16	5.10	5.24	1496150	1727357	15.45
Aroclor-1016 {5}	5.56	5.49	5.63	2485801	2908622	17.01
Aroclor-1260	8.33	7.43	9.23	7263492	8295602	14.21
Aroclor-1260 {2}	9.00	8.11	9.91	3168969	3669527	15.80
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	9706895	17.62
Aroclor-1260 {4}	9.96	9.06	10.86	4132782	4765572	15.31
Aroclor-1260 {5}	11.02	10.12	11.92	1683008	1884015	11.94
					Average %D	14.73

Data File: Y8257.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.72	3.86	640595	612888	4.33
Aroclor-1016 {2}	4.38	4.32	4.46	1272837	1219848	4.16
Aroclor-1016 {3}	5.14	5.07	5.21	2901089	2814013	3.00
Aroclor-1016 {4}	5.35	5.28	5.42	1246404	1184287	4.98
Aroclor-1016 {5}	5.52	5.45	5.59	971379	931575	4.10
Aroclor-1260	7.88	6.99	8.79	1075405	1052066	2.17
Aroclor-1260 {2}	8.13	7.24	9.04	1584623	1517392	4.24
Aroclor-1260 {3}	9.72	8.83	10.63	1324822	1362612	2.85
Aroclor-1260 {4}	10.23	9.34	11.14	2885884	3084336	6.88
Aroclor-1260 {5}	10.82	9.93	11.73	2032527	2252640	10.83
					Average %D	4.75

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/10/2012 **Instrument ID:** GC-Y

Data File: Y8258.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.27	3.21	3.35	1642902	1760671	7.17
Aroclor-1016 {2}	4.10	4.04	4.18	2274432	2389058	5.04
Aroclor-1016 {3}	4.65	4.59	4.73	3100344	3278964	5.76
Aroclor-1016 {4}	5.16	5.10	5.24	1496150	1490845	0.35
Aroclor-1016 {5}	5.55	5.49	5.63	2485801	2474081	0.47
Aroclor-1260	8.33	7.43	9.23	7263492	8292864	14.17
Aroclor-1260 {2}	9.00	8.11	9.91	3168969	3498892	10.41
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	9152523	10.90
Aroclor-1260 {4}	9.96	9.06	10.86	4132782	4571914	10.63
Aroclor-1260 {5}	11.02	10.12	11.92	1683008	1627534	3.30
					Average %D	6.82

Data File: Y8258.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.72	3.86	640595	639402	0.19
Aroclor-1016 {2}	4.39	4.32	4.46	1272837	1261434	0.90
Aroclor-1016 {3}	5.14	5.07	5.21	2901089	2913159	0.42
Aroclor-1016 {4}	5.35	5.28	5.42	1246404	1217103	2.35
Aroclor-1016 {5}	5.53	5.45	5.59	971379	960402	1.13
Aroclor-1260	7.89	6.99	8.79	1075405	1059641	1.47
Aroclor-1260 {2}	8.14	7.24	9.04	1584623	1527870	3.58
Aroclor-1260 {3}	9.73	8.83	10.63	1324822	1387984	4.77
Aroclor-1260 {4}	10.24	9.34	11.14	2885884	3124307	8.26
Aroclor-1260 {5}	10.82	9.93	11.73	2032527	2177990	7.16
					Average %D	3.02

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/10/2012 **Instrument ID:** GC-Y

Data File: Y8276.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.28	3.21	3.35	1642902	1657466	0.89
Aroclor-1016 {2}	4.11	4.04	4.18	2274432	2636585	15.92
Aroclor-1016 {3}	4.66	4.59	4.73	3100344	3691572	19.07
Aroclor-1016 {4}	5.17	5.10	5.24	1496150	1439899	3.76
Aroclor-1016 {5}	5.56	5.49	5.63	2485801	2672337	7.50
Aroclor-1260	8.33	7.43	9.23	7263492	8131389	11.95
Aroclor-1260 {2}	9.00	8.11	9.91	3168969	3546090	11.90
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	9087365	10.11
Aroclor-1260 {4}	9.96	9.06	10.86	4132782	4727484	14.39
Aroclor-1260 {5}	11.02	10.12	11.92	1683008	1967649	16.91
					Average %D	11.24

Data File: Y8276.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.72	3.86	640595	641960	0.21
Aroclor-1016 {2}	4.38	4.32	4.46	1272837	1288234	1.21
Aroclor-1016 {3}	5.13	5.07	5.21	2901089	2980801	2.75
Aroclor-1016 {4}	5.34	5.28	5.42	1246404	1245941	0.04
Aroclor-1016 {5}	5.52	5.45	5.59	971379	982871	1.18
Aroclor-1260	7.88	6.99	8.79	1075405	1109402	3.16
Aroclor-1260 {2}	8.13	7.24	9.04	1584623	1625810	2.60
Aroclor-1260 {3}	9.72	8.83	10.63	1324822	1414567	6.77
Aroclor-1260 {4}	10.23	9.34	11.14	2885884	3217369	11.49
Aroclor-1260 {5}	10.82	9.93	11.73	2032527	2303866	13.35
					Average %D	4.28

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/11/2012 **Instrument ID:** GC-Y

Data File: Y8303.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.28	3.21	3.35	1642902	1681547	2.35
Aroclor-1016 {2}	4.11	4.04	4.18	2274432	2291181	0.74
Aroclor-1016 {3}	4.66	4.59	4.73	3100344	3151816	1.66
Aroclor-1016 {4}	5.17	5.10	5.24	1496150	1517165	1.40
Aroclor-1016 {5}	5.56	5.49	5.63	2485801	2502079	0.65
Aroclor-1260	8.34	7.43	9.23	7263492	6336163	12.77
Aroclor-1260 {2}	9.01	8.11	9.91	3168969	2839741	10.39
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	6899441	16.40
Aroclor-1260 {4}	9.96	9.06	10.86	4132782	3610468	12.64
Aroclor-1260 {5}	11.02	10.12	11.92	1683008	1415981	15.87
					Average %D	7.49

Data File: Y8303.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.72	3.86	640595	597239	6.77
Aroclor-1016 {2}	4.38	4.32	4.46	1272837	1194126	6.18
Aroclor-1016 {3}	5.13	5.07	5.21	2901089	2718514	6.29
Aroclor-1016 {4}	5.34	5.28	5.42	1246404	1152282	7.55
Aroclor-1016 {5}	5.52	5.45	5.59	971379	898496	7.50
Aroclor-1260	7.88	6.99	8.79	1075405	967780	10.01
Aroclor-1260 {2}	8.13	7.24	9.04	1584623	1409582	11.05
Aroclor-1260 {3}	9.72	8.83	10.63	1324822	1182829	10.72
Aroclor-1260 {4}	10.23	9.34	11.14	2885884	2464308	14.61
Aroclor-1260 {5}	10.82	9.93	11.73	2032527	1720779	15.34
					Average %D	9.60

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/11/2012 **Instrument ID:** GC-Y

Data File: Y8311.D **GC Column (1st):** DB-5

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	3.27	3.21	3.35	1642902	1735317	5.63
Aroclor-1016 {2}	4.11	4.04	4.18	2274432	2518368	10.73
Aroclor-1016 {3}	4.66	4.59	4.73	3100344	3519745	13.53
Aroclor-1016 {4}	5.16	5.10	5.24	1496150	1709138	14.24
Aroclor-1016 {5}	5.56	5.49	5.63	2485801	2774783	11.63
Aroclor-1260	8.33	7.43	9.23	7263492	6784036	6.60
Aroclor-1260 {2}	9.00	8.11	9.91	3168969	2775027	12.43
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	6963432	15.62
Aroclor-1260 {4}	9.96	9.06	10.86	4132782	3482775	15.73
Aroclor-1260 {5}	11.01	10.12	11.92	1683008	1745621	3.72
					Average %D	10.98

Data File: Y8311.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.72	3.86	640595	566211	11.61
Aroclor-1016 {2}	4.39	4.32	4.46	1272837	1105049	13.18
Aroclor-1016 {3}	5.14	5.07	5.21	2901089	2521005	13.10
Aroclor-1016 {4}	5.35	5.28	5.42	1246404	1098907	11.83
Aroclor-1016 {5}	5.53	5.45	5.59	971379	816956	15.90
Aroclor-1260	7.89	6.99	8.79	1075405	999670	7.04
Aroclor-1260 {2}	8.14	7.24	9.04	1584623	1407412	11.18
Aroclor-1260 {3}	9.73	8.83	10.63	1324822	1168426	11.81
Aroclor-1260 {4}	10.23	9.34	11.14	2885884	2618294	9.27
Aroclor-1260 {5}	10.82	9.93	11.73	2032527	1724224	15.17
					Average %D	12.01

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/12/2012 **Instrument ID:** GC-Y

Data File: Y8312.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.28	3.21	3.35	1642902	1884103	14.68
Aroclor-1016 {2}	4.11	4.04	4.18	2274432	2457400	8.04
Aroclor-1016 {3}	4.66	4.59	4.73	3100344	3473690	12.04
Aroclor-1016 {4}	5.16	5.10	5.24	1496150	1705551	14.00
Aroclor-1016 {5}	5.56	5.49	5.63	2485801	2750206	10.64
Aroclor-1260	8.34	7.43	9.23	7263492	6707394	7.66
Aroclor-1260 {2}	9.01	8.11	9.91	3168969	2880777	9.09
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	7271799	11.89
Aroclor-1260 {4}	9.96	9.06	10.86	4132782	3523769	14.74
Aroclor-1260 {5}	11.02	10.12	11.92	1683008	1547872	8.03
					Average %D	11.08

Data File: Y8312.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.72	3.86	640595	554441	13.45
Aroclor-1016 {2}	4.39	4.32	4.46	1272837	1089423	14.41
Aroclor-1016 {3}	5.14	5.07	5.21	2901089	2500511	13.81
Aroclor-1016 {4}	5.35	5.28	5.42	1246404	1043590	16.27
Aroclor-1016 {5}	5.53	5.45	5.59	971379	825435	15.02
Aroclor-1260	7.89	6.99	8.79	1075405	932530	13.29
Aroclor-1260 {2}	8.14	7.24	9.04	1584623	1370976	13.48
Aroclor-1260 {3}	9.73	8.83	10.63	1324822	1135886	14.26
Aroclor-1260 {4}	10.23	9.34	11.14	2885884	2561466	11.24
Aroclor-1260 {5}	10.82	9.93	11.73	2032527	1730769	14.85
					Average %D	14.01

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/12/2012 **Instrument ID:** GC-Y

Data File: Y8319.D **GC Column (1st):** DB-5

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	3.28	3.21	3.35	1642902	1749819	6.51
Aroclor-1016 {2}	4.11	4.04	4.18	2274432	2300355	1.14
Aroclor-1016 {3}	4.66	4.59	4.73	3100344	3202856	3.31
Aroclor-1016 {4}	5.17	5.10	5.24	1496150	1535603	2.64
Aroclor-1016 {5}	5.56	5.49	5.63	2485801	2534541	1.96
Aroclor-1260	8.34	7.43	9.23	7263492	6387810	12.06
Aroclor-1260 {2}	9.01	8.11	9.91	3168969	2850873	10.04
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	7240582	12.26
Aroclor-1260 {4}	9.96	9.06	10.86	4132782	3724575	9.88
Aroclor-1260 {5}	11.02	10.12	11.92	1683008	1772283	5.30
					Average %D	6.51

Data File: Y8319.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.72	3.86	640595	544616	14.98
Aroclor-1016 {2}	4.38	4.32	4.46	1272837	1085656	14.71
Aroclor-1016 {3}	5.14	5.07	5.21	2901089	2467076	14.96
Aroclor-1016 {4}	5.34	5.28	5.42	1246404	1038451	16.68
Aroclor-1016 {5}	5.52	5.45	5.59	971379	814669	16.13
Aroclor-1260	7.88	6.99	8.79	1075405	953901	11.30
Aroclor-1260 {2}	8.13	7.24	9.04	1584623	1458369	7.97
Aroclor-1260 {3}	9.72	8.83	10.63	1324822	1145526	13.53
Aroclor-1260 {4}	10.23	9.34	11.14	2885884	2466266	14.54
Aroclor-1260 {5}	10.82	9.93	11.73	2032527	1828100	10.06
					Average %D	13.49

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/09/2012 **Instrument ID:** GC-R

Data File: R2607.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.98	3.90	4.04	3532718	4147747	17.41
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	5171731	17.92
Aroclor-1016 {3}	5.46	5.38	5.52	6450796	7725463	19.76
Aroclor-1016 {4}	5.99	5.92	6.06	3015338	3294501	9.26
Aroclor-1016 {5}	6.40	6.33	6.47	5538806	6196326	11.87
Aroclor-1260	9.26	8.35	10.15	14020044	16448603	17.32
Aroclor-1260 {2}	9.94	9.04	10.84	7415272	8200472	10.59
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	25501258	1.97
Aroclor-1260 {4}	10.91	10.01	11.81	10392420	10073374	3.07
Aroclor-1260 {5}	11.98	11.08	12.88	4642340	4010276	13.62
					Average %D	12.28

Data File: R2607.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.31	4.24	4.38	2746355	3059047	11.39
Aroclor-1016 {2}	4.93	4.86	5.00	5452724	5861887	7.50
Aroclor-1016 {3}	5.70	5.63	5.77	12028338	13196598	9.71
Aroclor-1016 {4}	5.92	5.84	5.98	5029442	5636629	12.07
Aroclor-1016 {5}	6.09	6.02	6.16	3968810	4436550	11.79
Aroclor-1260	8.75	7.85	9.65	6315488	6700725	6.10
Aroclor-1260 {2}	9.16	8.26	10.06	7298547	7549318	3.44
Aroclor-1260 {3}	10.36	9.47	11.27	5040054	5365320	6.45
Aroclor-1260 {4}	10.87	9.98	11.78	10029157	10132647	1.03
Aroclor-1260 {5}	11.47	10.58	12.38	8122975	7041622	13.31
					Average %D	8.28

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/09/2012 **Instrument ID:** GC-R

Data File: R2632.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.98	3.90	4.04	3532718	3948909	11.78
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	4946468	12.79
Aroclor-1016 {3}	5.46	5.38	5.52	6450796	7301564	13.19
Aroclor-1016 {4}	5.99	5.92	6.06	3015338	3488258	15.68
Aroclor-1016 {5}	6.40	6.33	6.47	5538806	5868310	5.95
Aroclor-1260	9.25	8.35	10.15	14020044	15910230	13.48
Aroclor-1260 {2}	9.94	9.04	10.84	7415272	8551045	15.32
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	25247559	0.96
Aroclor-1260 {4}	10.91	10.01	11.81	10392420	9982331	3.95
Aroclor-1260 {5}	11.98	11.08	12.88	4642340	4116930	11.32
					Average %D	10.44

Data File: R2632.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.31	4.24	4.38	2746355	2799731	1.94
Aroclor-1016 {2}	4.93	4.86	5.00	5452724	5425374	0.50
Aroclor-1016 {3}	5.70	5.63	5.77	12028338	12220305	1.60
Aroclor-1016 {4}	5.92	5.84	5.98	5029442	5193873	3.27
Aroclor-1016 {5}	6.09	6.02	6.16	3968810	4088303	3.01
Aroclor-1260	8.75	7.85	9.65	6315488	6234217	1.29
Aroclor-1260 {2}	9.16	8.26	10.06	7298547	7050371	3.40
Aroclor-1260 {3}	10.37	9.47	11.27	5040054	5034460	0.11
Aroclor-1260 {4}	10.87	9.98	11.78	10029157	9849933	1.79
Aroclor-1260 {5}	11.47	10.58	12.38	8122975	6837328	15.83
					Average %D	3.27

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/09/2012 **Instrument ID:** GC-R

Data File: R2637.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.98	3.90	4.04	3532718	3911548	10.72
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	4735176	7.97
Aroclor-1016 {3}	5.47	5.38	5.52	6450796	6938929	7.57
Aroclor-1016 {4}	6.00	5.92	6.06	3015338	3492276	15.82
Aroclor-1016 {5}	6.41	6.33	6.47	5538806	6625784	19.62
Aroclor-1260	9.26	8.35	10.15	14020044	16310004	16.33
Aroclor-1260 {2}	9.95	9.04	10.84	7415272	7903568	6.59
Aroclor-1260 {3}	10.43	9.51	11.31	25008604	23086211	7.69
Aroclor-1260 {4}	10.92	10.01	11.81	10392420	9238335	11.11
Aroclor-1260 {5}	11.99	11.08	12.88	4642340	4274659	7.92
					Average %D	11.13

Data File: R2637.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.32	4.24	4.38	2746355	2945500	7.25
Aroclor-1016 {2}	4.94	4.86	5.00	5452724	5646003	3.54
Aroclor-1016 {3}	5.72	5.63	5.77	12028338	12913938	7.36
Aroclor-1016 {4}	5.93	5.84	5.98	5029442	5999145	19.28
Aroclor-1016 {5}	6.11	6.02	6.16	3968810	4394652	10.73
Aroclor-1260	8.77	7.85	9.65	6315488	5877539	6.93
Aroclor-1260 {2}	9.18	8.26	10.06	7298547	6514402	10.74
Aroclor-1260 {3}	10.38	9.47	11.27	5040054	4454811	11.61
Aroclor-1260 {4}	10.89	9.98	11.78	10029157	8421192	16.03
Aroclor-1260 {5}	11.49	10.58	12.38	8122975	6743819	16.98
					Average %D	11.05

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/09/2012 **Instrument ID:** GC-R

Data File: R2644.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.98	3.90	4.04	3532718	4166007	17.93
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	5068140	15.56
Aroclor-1016 {3}	5.46	5.38	5.52	6450796	6862482	6.38
Aroclor-1016 {4}	5.99	5.92	6.06	3015338	3377418	12.01
Aroclor-1016 {5}	6.41	6.33	6.47	5538806	6184137	11.65
Aroclor-1260	9.25	8.35	10.15	14020044	15628142	11.47
Aroclor-1260 {2}	9.94	9.04	10.84	7415272	8526052	14.98
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	27187154	8.71
Aroclor-1260 {4}	10.91	10.01	11.81	10392420	12152268	16.93
Aroclor-1260 {5}	11.98	11.08	12.88	4642340	4104655	11.58
					Average %D	12.72

Data File: R2644.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.31	4.24	4.38	2746355	2975257	8.33
Aroclor-1016 {2}	4.93	4.86	5.00	5452724	5748154	5.42
Aroclor-1016 {3}	5.70	5.63	5.77	12028338	12962862	7.77
Aroclor-1016 {4}	5.92	5.84	5.98	5029442	5465976	8.68
Aroclor-1016 {5}	6.09	6.02	6.16	3968810	4289020	8.07
Aroclor-1260	8.75	7.85	9.65	6315488	6619058	4.81
Aroclor-1260 {2}	9.16	8.26	10.06	7298547	7696112	5.45
Aroclor-1260 {3}	10.36	9.47	11.27	5040054	5244710	4.06
Aroclor-1260 {4}	10.87	9.98	11.78	10029157	10067413	0.38
Aroclor-1260 {5}	11.47	10.58	12.38	8122975	6954125	14.39
					Average %D	6.74

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/11/2012 **Instrument ID:** GC-R

Data File: R2732.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.99	3.90	4.04	3532718	3857722	9.20
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	4901478	11.76
Aroclor-1016 {3}	5.47	5.38	5.52	6450796	7217217	11.88
Aroclor-1016 {4}	6.00	5.92	6.06	3015338	3327560	10.35
Aroclor-1016 {5}	6.41	6.33	6.47	5538806	5918356	6.85
Aroclor-1260	9.26	8.35	10.15	14020044	15761017	12.42
Aroclor-1260 {2}	9.95	9.04	10.84	7415272	6405107	13.62
Aroclor-1260 {3}	10.43	9.51	11.31	25008604	21215674	15.17
Aroclor-1260 {4}	10.91	10.01	11.81	10392420	8944744	13.93
Aroclor-1260 {5}	11.99	11.08	12.88	4642340	4303084	7.31
					Average %D	11.25

Data File: R2732.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.31	4.24	4.38	2746355	3004860	9.41
Aroclor-1016 {2}	4.93	4.86	5.00	5452724	6358386	16.61
Aroclor-1016 {3}	5.70	5.63	5.77	12028338	13896544	15.53
Aroclor-1016 {4}	5.92	5.84	5.98	5029442	5251600	4.42
Aroclor-1016 {5}	6.10	6.02	6.16	3968810	4659585	17.41
Aroclor-1260	8.75	7.85	9.65	6315488	6803674	7.73
Aroclor-1260 {2}	9.16	8.26	10.06	7298547	7340973	0.58
Aroclor-1260 {3}	10.37	9.47	11.27	5040054	4590166	8.93
Aroclor-1260 {4}	10.88	9.98	11.78	10029157	8643518	13.82
Aroclor-1260 {5}	11.47	10.58	12.38	8122975	7262925	10.59
					Average %D	10.50

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/11/2012 **Instrument ID:** GC-R

Data File: R2744.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.99	3.90	4.04	3532718	3827582	8.35
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	4709283	7.38
Aroclor-1016 {3}	5.47	5.38	5.52	6450796	6778468	5.08
Aroclor-1016 {4}	6.00	5.92	6.06	3015338	3278932	8.74
Aroclor-1016 {5}	6.41	6.33	6.47	5538806	5241480	5.37
Aroclor-1260	9.26	8.35	10.15	14020044	11774547	16.02
Aroclor-1260 {2}	9.95	9.04	10.84	7415272	6666818	10.09
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	21832939	12.70
Aroclor-1260 {4}	10.92	10.01	11.81	10392420	8831722	15.02
Aroclor-1260 {5}	11.99	11.08	12.88	4642340	4462516	3.87
					Average %D	9.26

Data File: R2744.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.31	4.24	4.38	2746355	3062487	11.51
Aroclor-1016 {2}	4.93	4.86	5.00	5452724	5665393	3.90
Aroclor-1016 {3}	5.70	5.63	5.77	12028338	12813377	6.53
Aroclor-1016 {4}	5.92	5.84	5.98	5029442	5395491	7.28
Aroclor-1016 {5}	6.10	6.02	6.16	3968810	4207558	6.02
Aroclor-1260	8.75	7.85	9.65	6315488	5248072	16.90
Aroclor-1260 {2}	9.16	8.26	10.06	7298547	6430118	11.90
Aroclor-1260 {3}	10.36	9.47	11.27	5040054	4380357	13.09
Aroclor-1260 {4}	10.87	9.98	11.78	10029157	8669183	13.56
Aroclor-1260 {5}	11.47	10.58	12.38	8122975	7411624	8.76
					Average %D	9.94

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/09/2012 **Instrument ID:** GC-R

Data File: R2645.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.98	3.90	4.04	3532718	4079509	15.48
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	5211610	18.83
Aroclor-1016 {3}	5.46	5.38	5.52	6450796	7405763	14.80
Aroclor-1016 {4}	5.99	5.92	6.06	3015338	3537111	17.30
Aroclor-1016 {5}	6.40	6.33	6.47	5538806	5881126	6.18
Aroclor-1260	9.25	8.35	10.15	14020044	16726309	19.30
Aroclor-1260 {2}	9.94	9.04	10.84	7415272	8661493	16.81
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	23841545	4.67
Aroclor-1260 {4}	10.91	10.01	11.81	10392420	11062526	6.45
Aroclor-1260 {5}	11.98	11.08	12.88	4642340	5087903	9.60
					Average %D	12.94

Data File: R2645.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.31	4.24	4.38	2746355	3049891	11.05
Aroclor-1016 {2}	4.93	4.86	5.00	5452724	5826629	6.86
Aroclor-1016 {3}	5.70	5.63	5.77	12028338	13160281	9.41
Aroclor-1016 {4}	5.92	5.84	5.98	5029442	5567125	10.69
Aroclor-1016 {5}	6.09	6.02	6.16	3968810	4367169	10.04
Aroclor-1260	8.75	7.85	9.65	6315488	6524974	3.32
Aroclor-1260 {2}	9.16	8.26	10.06	7298547	7468559	2.33
Aroclor-1260 {3}	10.37	9.47	11.27	5040054	5155418	2.29
Aroclor-1260 {4}	10.87	9.98	11.78	10029157	10240248	2.10
Aroclor-1260 {5}	11.47	10.58	12.38	8122975	6975811	14.12
					Average %D	7.22

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/10/2012 **Instrument ID:** GC-R

Data File: R2670.D **GC Column (1st):** DB-5

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	3.98	3.90	4.04	3532718	4151681	17.52
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	4951757	12.91
Aroclor-1016 {3}	5.46	5.38	5.52	6450796	6920012	7.27
Aroclor-1016 {4}	5.99	5.92	6.06	3015338	3403150	12.86
Aroclor-1016 {5}	6.41	6.33	6.47	5538806	6374268	15.08
Aroclor-1260	9.26	8.35	10.15	14020044	15819529	12.84
Aroclor-1260 {2}	9.95	9.04	10.84	7415272	8454285	14.01
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	26929996	7.68
Aroclor-1260 {4}	10.92	10.01	11.81	10392420	10611308	2.11
Aroclor-1260 {5}	11.99	11.08	12.88	4642340	4037662	13.03
					Average %D	11.53

Data File: R2670.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	4.31	4.24	4.38	2746355	3075261	11.98
Aroclor-1016 {2}	4.93	4.86	5.00	5452724	5900059	8.20
Aroclor-1016 {3}	5.70	5.63	5.77	12028338	13294148	10.52
Aroclor-1016 {4}	5.92	5.84	5.98	5029442	5687621	13.09
Aroclor-1016 {5}	6.10	6.02	6.16	3968810	4479555	12.87
Aroclor-1260	8.75	7.85	9.65	6315488	6934737	9.81
Aroclor-1260 {2}	9.16	8.26	10.06	7298547	7872679	7.87
Aroclor-1260 {3}	10.37	9.47	11.27	5040054	5602661	11.16
Aroclor-1260 {4}	10.87	9.98	11.78	10029157	10652425	6.21
Aroclor-1260 {5}	11.47	10.58	12.38	8122975	7509065	7.56
					Average %D	9.93

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/11/2012 **Instrument ID:** GC-R

Data File: R2732.D **GC Column (1st):** DB-5

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	3.99	3.90	4.04	3532718	3857722	9.20
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	4901478	11.76
Aroclor-1016 {3}	5.47	5.38	5.52	6450796	7217217	11.88
Aroclor-1016 {4}	6.00	5.92	6.06	3015338	3327560	10.35
Aroclor-1016 {5}	6.41	6.33	6.47	5538806	5918356	6.85
Aroclor-1260	9.26	8.35	10.15	14020044	15761017	12.42
Aroclor-1260 {2}	9.95	9.04	10.84	7415272	6405107	13.62
Aroclor-1260 {3}	10.43	9.51	11.31	25008604	21215674	15.17
Aroclor-1260 {4}	10.91	10.01	11.81	10392420	8944744	13.93
Aroclor-1260 {5}	11.99	11.08	12.88	4642340	4303084	7.31
					Average %D	11.25

Data File: R2732.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	4.31	4.24	4.38	2746355	3004860	9.41
Aroclor-1016 {2}	4.93	4.86	5.00	5452724	6358386	16.61
Aroclor-1016 {3}	5.70	5.63	5.77	12028338	13896544	15.53
Aroclor-1016 {4}	5.92	5.84	5.98	5029442	5251600	4.42
Aroclor-1016 {5}	6.10	6.02	6.16	3968810	4659585	17.41
Aroclor-1260	8.75	7.85	9.65	6315488	6803674	7.73
Aroclor-1260 {2}	9.16	8.26	10.06	7298547	7340973	0.58
Aroclor-1260 {3}	10.37	9.47	11.27	5040054	4590166	8.93
Aroclor-1260 {4}	10.88	9.98	11.78	10029157	8643518	13.82
Aroclor-1260 {5}	11.47	10.58	12.38	8122975	7262925	10.59
					Average %D	10.50

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/11/2012 **Instrument ID:** GC-R

Data File: R2744.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.99	3.90	4.04	3532718	3827582	8.35
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	4709283	7.38
Aroclor-1016 {3}	5.47	5.38	5.52	6450796	6778468	5.08
Aroclor-1016 {4}	6.00	5.92	6.06	3015338	3278932	8.74
Aroclor-1016 {5}	6.41	6.33	6.47	5538806	5241480	5.37
Aroclor-1260	9.26	8.35	10.15	14020044	11774547	16.02
Aroclor-1260 {2}	9.95	9.04	10.84	7415272	6666818	10.09
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	21832939	12.70
Aroclor-1260 {4}	10.92	10.01	11.81	10392420	8831722	15.02
Aroclor-1260 {5}	11.99	11.08	12.88	4642340	4462516	3.87
					Average %D	9.26

Data File: R2744.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.31	4.24	4.38	2746355	3062487	11.51
Aroclor-1016 {2}	4.93	4.86	5.00	5452724	5665393	3.90
Aroclor-1016 {3}	5.70	5.63	5.77	12028338	12813377	6.53
Aroclor-1016 {4}	5.92	5.84	5.98	5029442	5395491	7.28
Aroclor-1016 {5}	6.10	6.02	6.16	3968810	4207558	6.02
Aroclor-1260	8.75	7.85	9.65	6315488	5248072	16.90
Aroclor-1260 {2}	9.16	8.26	10.06	7298547	6430118	11.90
Aroclor-1260 {3}	10.36	9.47	11.27	5040054	4380357	13.09
Aroclor-1260 {4}	10.87	9.98	11.78	10029157	8669183	13.56
Aroclor-1260 {5}	11.47	10.58	12.38	8122975	7411624	8.76
					Average %D	9.94

PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-Y **Column:** DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1 2.82 **DCB 1** 12.11 **TCMX 2** 2.92 **DCB 2** 12.50

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKA120801-06	08/03/2012	10:22	2.82		12.11		2.92		12.50	
CLI-V12-19	07552-001	08/03/2012	10:39	2.83		12.11		2.92		12.50	
HAR-V12-19	07553-001	08/03/2012	10:56	2.82		12.11		2.92		12.50	
JC-V12-190	07554-001	08/03/2012	11:13	2.83		12.11		2.92		12.50	
JC-V12-191	07554-002	08/03/2012	11:30	2.83		12.11		2.92		12.50	
JC-V12-191	07554-003	08/03/2012	11:48	2.83		12.11		2.92		12.50	
MW-1R	07515-001	08/03/2012	12:05	2.83		12.11		2.92		12.50	
MW-2	07515-002	08/03/2012	12:22	2.83		12.11		2.92		12.50	
MW-3	07515-003	08/03/2012	12:39	2.83		12.11		2.91		12.50	
FIELD_BLAN	07515-004	08/03/2012	12:56	2.82		12.11		2.92		12.50	
FB-20	07487-065	08/03/2012	13:14	2.83		12.11		2.92		12.50	
FB-21	07543-064	08/03/2012	13:31	2.83		12.11		2.92		12.50	
FB-S	07633-015	08/03/2012	13:48	2.83		12.11		2.92		12.50	
PCB	07553-001MS	08/03/2012	14:05	2.83		12.11		2.92		12.50	
PCB	07553-001MSD	08/03/2012	14:22	2.83		12.11		2.92		12.50	
PCB	LCSA120801-06	08/03/2012	14:40	2.83		12.11		2.92		12.50	

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene (± 0.10 Minutes)

DCB = Decachlorobiphenyl (± 0.10 Minutes)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-Y **Column:** DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1 2.83 **DCB 1** 12.11 **TCMX 2** 2.92 **DCB 2** 12.50

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKS120801-10	08/08/2012	10:27	2.83		12.11		2.92		12.50	
P-38_(5.0-	07487-060	08/08/2012	10:45	2.83		12.11		2.92		12.50	
S-38_(0-2.	07487-001	08/08/2012	11:02	2.83		12.11		2.92		12.50	
S-38_(2.0-	07487-002	08/08/2012	11:19	D		D		D		D	
S-38_(3.0-	07487-003	08/08/2012	11:36	D		D		D		D	
S-38_(4.0-	07487-004	08/08/2012	11:53	D		D		D		D	
S-38_(6.75	07487-006	08/08/2012	12:28	2.83		12.11		2.92		12.50	
S-39_(0-1.	07487-007	08/08/2012	12:45	2.83		12.11		2.92		12.50	
S-39_(1.75	07487-008	08/08/2012	13:02	D		D		D		D	
S-39_(2.0-	07487-009	08/08/2012	13:20	D		D		D		D	
S-39_(2.75	07487-010	08/08/2012	13:37	D		D		D		D	
S-39_(4.0-	07487-011	08/08/2012	13:54	2.83		12.11		2.92		12.50	
S-39_(5.0-	07487-012	08/08/2012	14:11	2.83		12.11		2.92		12.50	
R-39_(0-2.	07487-013	08/08/2012	14:28	2.83		12.11		2.92		12.50	
R-39_(4.5-	07487-016	08/08/2012	15:20	2.83		12.11		2.92		12.50	
R-39_(5.0-	07487-017	08/08/2012	15:37	2.83		12.11		2.92		12.50	
R-38_(0-2.	07487-018	08/08/2012	15:55	2.83		12.11		2.92		12.50	
S-38_(6.0-	07487-005	08/08/2012	21:46	2.82		12.10		2.91		12.49	
R-39_(2.0-	07487-014	08/08/2012	22:04	2.82		12.11		2.91		12.50	
R-39_(3.0-	07487-015	08/08/2012	22:21	D		D		D		D	
R-38_(2.0-	07487-019	08/08/2012	22:38	D		D		D		D	
PCB	07487-019MS	08/08/2012	22:55	D		D		D		D	
PCB	07487-019MSD	08/08/2012	23:13	D		D		D		D	
PCB	LCSS120801-10	08/09/2012	01:30	2.82		12.10		2.91		12.50	

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene (± 0.10 Minutes)

DCB = Decachlorobiphenyl (± 0.10 Minutes)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-Y **Column:** DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1 2.82 **DCB 1** 12.10 **TCMX 2** 2.91 **DCB 2** 12.49

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKS120801-12	08/09/2012	20:47	2.82		12.10		2.91		12.49	
Q-39_(4.0-	07487-042	08/09/2012	21:39	D		D		D		D	
Q-39_(7.0-	07487-044	08/09/2012	22:13	2.82		12.10		2.91		12.49	
P-39_(2.0-	07487-047	08/10/2012	11:05	2.82		12.11		2.91		12.49	
P-39_(6.0-	07487-051	08/10/2012	12:14	2.82		12.10		2.91		12.50	
P-40_(0-2.	07487-052	08/10/2012	12:31	2.82		12.11		2.91		12.50	
P-40_(2.0-	07487-053	08/10/2012	12:48	2.82		12.10		2.91		12.50	
P-40_(4.0-	07487-054	08/10/2012	13:05	D		D		D		D	
P-40_(5.0-	07487-055	08/10/2012	13:23	2.82		12.10		2.91		12.50	
P-40_(6.0-	07487-056	08/10/2012	13:40	2.82		12.10		2.91		12.49	
P-38_(0-2.	07487-057	08/10/2012	13:57	2.82		12.11		2.91		12.50	
PCB	LCSS120801-12	08/10/2012	15:23	2.82		12.11		2.91		12.50	
Q-39_(2.0-	07487-040	08/11/2012	02:23	2.82		12.11		2.91		12.50	
Q-39_(3.0-	07487-041	08/11/2012	02:40	D		D		D		D	
Q-39_(6.0-	07487-043	08/11/2012	02:57	D		D		D		D	
P-39_(0-1.	07487-045	08/11/2012	03:15	D		D		D		D	
P-39_(1.75	07487-046	08/11/2012	03:32	D		D		D		D	
P-39_(3.0-	07487-048	08/11/2012	03:49	D		D		D		D	
P-39_(4.0-	07487-049	08/11/2012	04:06	D		D		D		D	
P-39_(4.25	07487-050	08/12/2012	13:34	2.82		12.11		2.91		12.50	
P-38_(2.0-	07487-058	08/12/2012	13:51	D		D		D		D	
P-38_(4.0-	07487-059	08/12/2012	14:08	2.82		12.11		2.91		12.50	
PCB	07487-059MS	08/12/2012	14:26	2.82		12.11		2.91		12.50	
PCB	07487-059MSD	08/12/2012	14:43	2.82		12.10		2.91		12.50	

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene (± 0.10 Minutes)

DCB = Decachlorobiphenyl (± 0.10 Minutes)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-R **Column:** DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1	3.48	DCB 1	13.10	TCMX 2	3.39	DCB 2	13.18

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKS120801-11	08/09/2012	03:32	3.48		13.10		3.39		13.18	
R-38_(3.0-	07487-020	08/09/2012	03:49	D		D		D		D	
R-38_(4.0-	07487-021	08/09/2012	04:07	3.48		13.10		3.40		13.18	
R-38_(4.75	07487-022	08/09/2012	04:24	3.48		13.10		3.39		13.18	
R-37_(4.75	07487-026	08/09/2012	05:34	3.48		13.10		3.39		13.18	
R-36_(2.0-	07487-028	08/09/2012	06:09	3.47		13.10		3.39		13.18	
R-36_(3.25	07487-029	08/09/2012	06:26	3.48		13.10		3.39		13.18	
R-36_(4.0-	07487-030	08/09/2012	06:44	3.47		13.10		3.39		13.18	
Q-36_(0-2.	07487-031	08/09/2012	07:01	3.47		13.10		3.39		13.18	
Q-36_(2.0-	07487-032	08/09/2012	07:19	3.47		13.10		3.39		13.18	
Q-36_(4.0-	07487-033	08/09/2012	07:36	3.48		13.10		3.39		13.18	
Q-36_(5.0-	07487-034	08/09/2012	07:54	3.48		13.10		3.39		13.18	
Q-38_(2.0-	07487-036	08/09/2012	08:29	D		D		D		D	
Q-38_(4.75	07487-038	08/09/2012	09:04	3.48		13.10		3.39		13.18	
Q-39_(0-2.	07487-039	08/09/2012	09:21	D		D		D		D	
PCB	07487-039MS	08/09/2012	09:39	D		D		D		D	
PCB	07487-039MSD	08/09/2012	09:56	D		D		D		D	
PCB	LCSS120801-11	08/09/2012	10:14	3.48		13.10		3.39		13.18	
R-37_(0-2.	07487-023	08/09/2012	18:16	D		D		D		D	
R-37_(2.0-	07487-024	08/09/2012	18:33	3.48		13.10		3.39		13.18	
R-37_(4.0-	07487-025	08/09/2012	18:50	3.48		13.10		3.39		13.18	
Q-38_(0-2.	07487-035	08/09/2012	19:25	D		D		D		D	
Q-38_(4.0-	07487-037	08/09/2012	19:43	3.48		13.10		3.39		13.18	
R-36_(0-2.	07487-027	08/11/2012	08:31	3.48		13.10		3.39		13.18	

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene (± 0.10 Minutes)

DCB = Decachlorobiphenyl (± 0.10 Minutes)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-R **Column:** DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1	3.48	DCB 1	13.10	TCMX 2	3.39	DCB 2	13.18

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKS120801-13	08/09/2012	20:35	3.48		13.10		3.39		13.18	
P-37_(0-2.	07487-061	08/09/2012	20:53	3.48		13.10		3.39		13.18	
P-37_(4.0-	07487-064	08/09/2012	21:45	3.48		13.10		3.39		13.18	
P-36_(4.0-	07543-003	08/09/2012	22:37	3.48		13.10		3.40		13.18	
P-36_(5.25	07543-004	08/09/2012	22:55	3.48		13.10		3.39		13.18	
O-36_(0-2.	07543-005	08/09/2012	23:12	3.48		13.10		3.39		13.18	
O-36_(2.0-	07543-006	08/09/2012	23:29	3.48		13.10		3.39		13.18	
O-36_(4.0-	07543-007	08/09/2012	23:47	3.48		13.10		3.39		13.18	
O-36_(4.75	07543-008	08/10/2012	00:04	3.48		13.10		3.39		13.18	
O-37_(2.0-	07543-010	08/10/2012	00:39	3.48		13.10		3.39		13.18	
O-37_(4.25	07543-011	08/10/2012	00:57	3.48		13.10		3.39		13.18	
O-38_(0-2.	07543-012	08/10/2012	01:14	3.48		13.10		3.39		13.18	
O-38_(2.0-	07543-013	08/10/2012	01:31	3.48		13.10		3.39		13.18	
O-38_(5.0-	07543-015	08/10/2012	02:06	3.48		13.10		3.39		13.18	
O-39_(0-2.	07543-016	08/10/2012	02:24	3.48		13.10		3.39		13.18	
PCB	07543-016MS	08/10/2012	02:41	3.48		13.10		3.39		13.18	
PCB	07543-016MSD	08/10/2012	02:58	3.48		13.10		3.39		13.18	
PCB	LCSS120801-13	08/10/2012	03:16	3.48		13.10		3.39		13.18	
P-37_(2.0-	07487-062	08/11/2012	06:46	3.49		13.10		3.41		13.18	
P-37_(3.5-	07487-063	08/11/2012	07:03	3.49		13.10		3.40		13.18	
P-36_(0-2.	07543-001	08/11/2012	07:21	3.48		13.10		3.39		13.18	
P-36_(2.0-	07543-002	08/11/2012	07:38	3.48		13.10		3.40		13.18	
O-37_(0-2.	07543-009	08/11/2012	07:56	3.49		13.10		3.40		13.18	
O-38_(4.0-	07543-014	08/11/2012	08:13	3.49		13.10		3.41		13.18	

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene (± 0.10 Minutes)

DCB = Decachlorobiphenyl (± 0.10 Minutes)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB SAMPLE DATA

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8173.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 11:02
Operator : YG
Sample : S-38_(0-2.,07487-001,S,5.23g,7.90,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,10
ALS Vial : 68 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 12:54:06 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound		RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
System Monitoring Compounds								
1) S TCMX		2.83	2.92	1745.8E6	656.3E6	18.363	18.777	
Spiked Amount 200.000				Recovery =		9.18%	9.39%	
2) S DCB		12.11	12.50	218.0E6	86666406	10.577m	10.085m	
Spiked Amount 200.000				Recovery =		5.29%	5.04%	
Target Compounds								
Sum Aroclor-1016				0	0	N.D.	N.D.	
Average Aroclor-1016						0.000	0.000	
Sum Aroclor-1221				0	0	N.D.	N.D.	
Average Aroclor-1221						0.000	0.000	
Sum Aroclor-1232				0	0	N.D.	N.D.	
Average Aroclor-1232						0.000	0.000	
Sum Aroclor-1242				0	0	N.D.	N.D.	
Average Aroclor-1242						0.000	0.000	
23) L6 Aroclor-1248		4.53	5.14	1233.9E6	455.6E6	279.853	285.798	
24) L6 Aroclor-1248	{2}	5.06	5.72	1110.6E6	1121.1E6	458.199	478.575	
25) L6 Aroclor-1248	{3}	5.38	6.12	2398.5E6	797.8E6	781.667	470.978	#
26) L6 Aroclor-1248	{4}	6.07	6.28	4224.5E6	486.2E6	758.020	334.466	#
27) L6 Aroclor-1248	{5}	6.35	6.63	2143.3E6	338.3E6	514.531	402.972	
Sum Aroclor-1248				11110.8E6	3199.0E6	2792.269	1972.788	
Average Aroclor-1248						558.454	394.558	
Sum Aroclor-1254				0	0	N.D.	N.D.	
Average Aroclor-1254						0.000	0.000	
33) L8 Aroclor-1260		8.34	7.88	2780.1E6	1002.4E6	382.756	932.143	#
34) L8 Aroclor-1260	{2}	9.01	8.14	692.2E6	626.9E6	218.422	395.643	#
35) L8 Aroclor-1260	{3}	9.49	9.73	1936.3E6	364.2E6	234.628	274.923	
36) L8 Aroclor-1260	{4}	9.97	10.23	1019.1E6	701.2E6	246.588m	242.983	
37) L8 Aroclor-1260	{5}	11.02	10.82	787.5E6	509.2E6	467.889m	250.507	#
Sum Aroclor-1260				7215.2E6	3204.0E6	1550.284	2096.199	
Average Aroclor-1260						310.057	419.240	
Sum Aroclor-1262				0	0	N.D.	N.D.	
Average Aroclor-1262						0.000	0.000	
Sum Aroclor-1268				0	0	N.D.	N.D.	
Average Aroclor-1268						0.000	0.000	

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8173.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 11:02
Operator : YG
Sample : S-38_(0-2.,07487-001,S,5.23g,7.90,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,10
ALS Vial : 68 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 12:54:06 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2

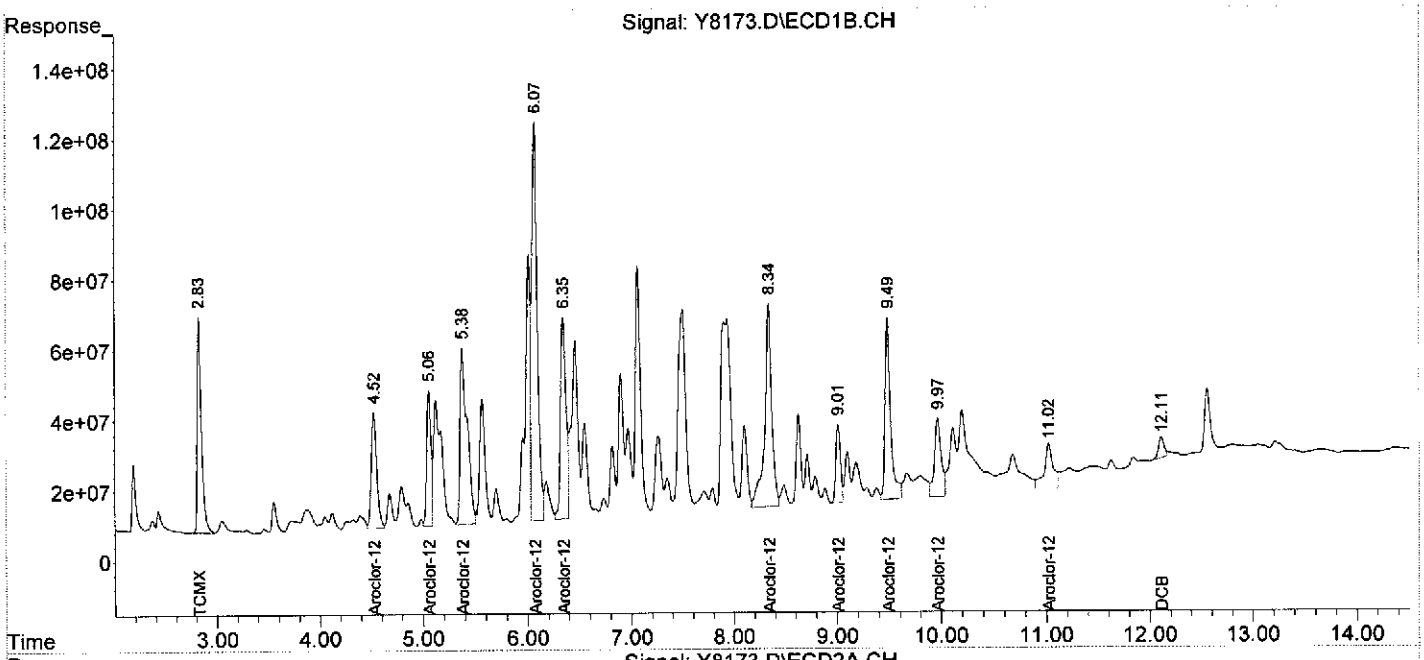
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

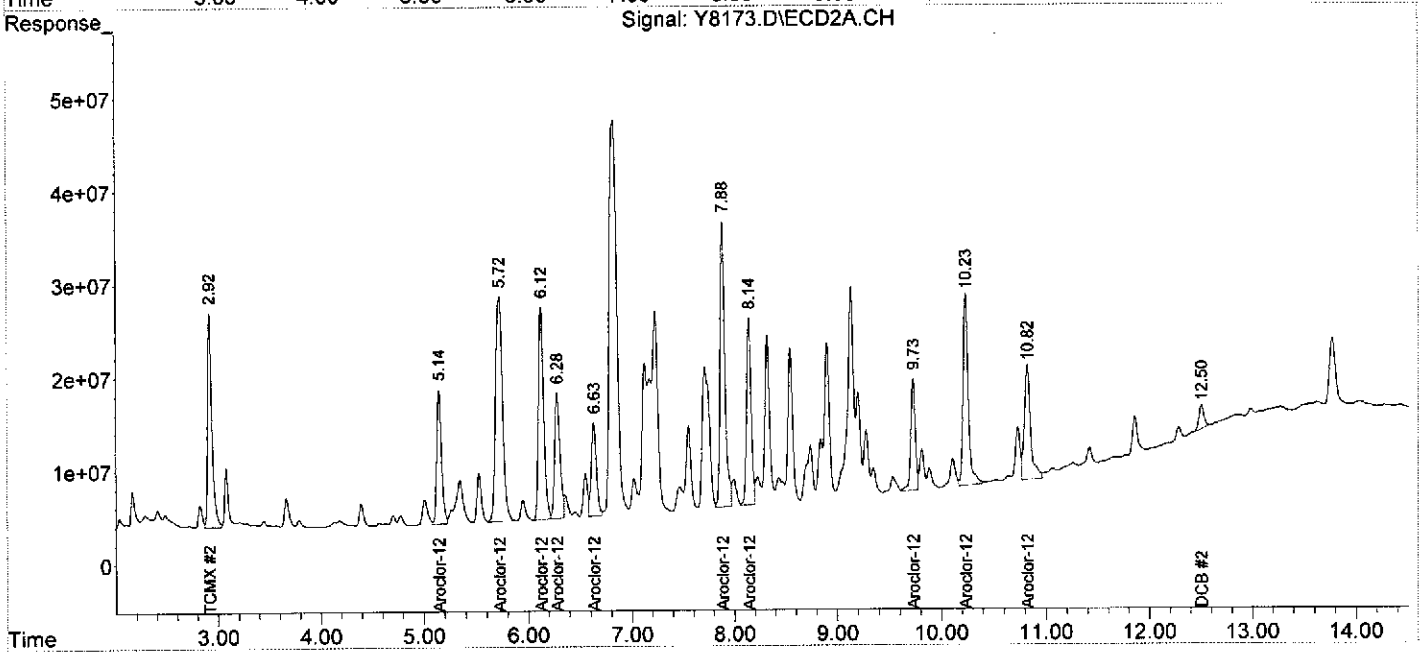
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8173.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 11:02
Operator : YG
Sample : S-38_(0-2.,07487-001,S,5.23g,7.90,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,10
ALS Vial : 68 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 12:54:06 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8174.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 11:19
Operator : YG
Sample : S-38_(2.0-,07487-002,S,5.14g,12.0,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,100
ALS Vial : 69 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 12:57:03 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.34	7.89	7952.5E6	2464.5E6	1094.855	2291.698 #
34) L8 Aroclor-1260 {2}	9.01	8.14	3286.5E6	1989.5E6	1037.103	1255.515
35) L8 Aroclor-1260 {3}	9.49	9.73	8196.8E6	1641.3E6	993.221	1238.918
36) L8 Aroclor-1260 {4}	9.97	10.23	2989.2E6	3105.5E6	723.284	1076.096 #
37) L8 Aroclor-1260 {5}	11.02	10.82	1587.8E6	2060.9E6	943.403	1013.981
Sum Aroclor-1260			24012.8E6	11261.8E6	4791.866	6876.209
Average Aroclor-1260					958.373	1375.242
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

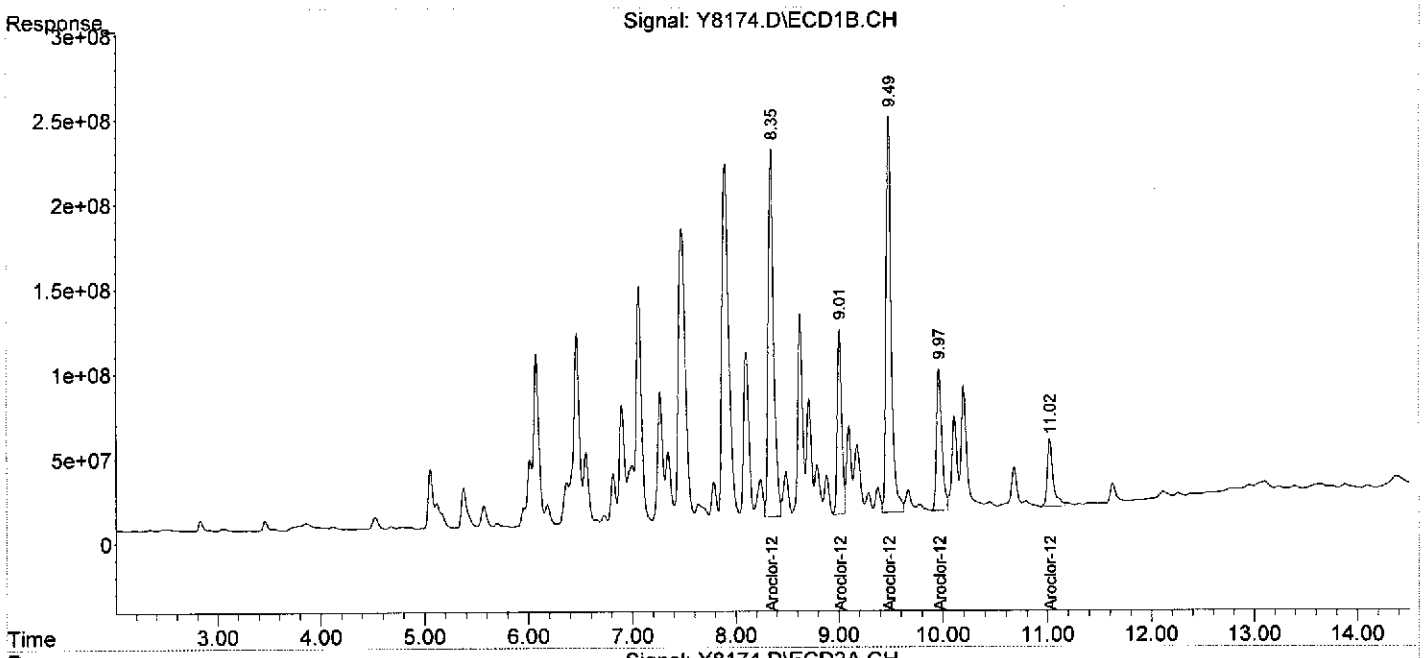
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

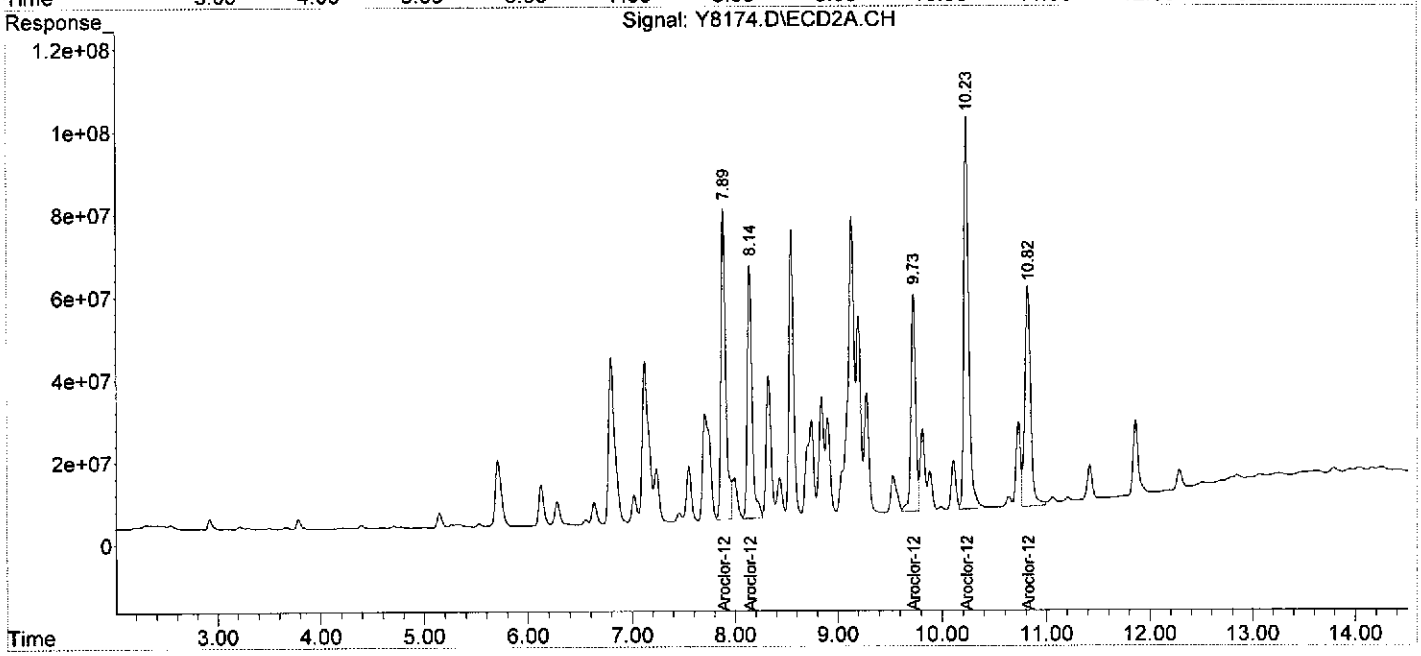
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8174.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 11:19
Operator : YG
Sample : S-38_(2.0-,07487-002,S,5.14g,12.0,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,100
ALS Vial : 69 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 12:57:03 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8175.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 11:36
Operator : YG
Sample : S-38_(3.0-,07487-003,S,5.62g,31.9,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,1000
ALS Vial : 70 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 12:58:29 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
System Monitoring Compounds							
Target Compounds							
Sum Aroclor-1016			0	0	N.D.	N.D.	
Average Aroclor-1016					0.000	0.000	
Sum Aroclor-1221			0	0	N.D.	N.D.	
Average Aroclor-1221					0.000	0.000	
Sum Aroclor-1232			0	0	N.D.	N.D.	
Average Aroclor-1232					0.000	0.000	
Sum Aroclor-1242			0	0	N.D.	N.D.	
Average Aroclor-1242					0.000	0.000	
Sum Aroclor-1248			0	0	N.D.	N.D.	
Average Aroclor-1248					0.000	0.000	
Sum Aroclor-1254			0	0	N.D.	N.D.	
Average Aroclor-1254					0.000	0.000	
33) L8 Aroclor-1260	8.34	7.89	993.1E6	505.0E6	136.727	469.550	#
34) L8 Aroclor-1260 {2}	9.01	8.14	933.7E6	528.6E6	294.628	333.550	
35) L8 Aroclor-1260 {3}	9.49	9.73	2479.1E6	498.5E6	300.393	376.275	#
36) L8 Aroclor-1260 {4}	9.97	10.23	988.6E6	964.2E6	239.198	334.115	#
37) L8 Aroclor-1260 {5}	11.02	10.82	873.0E6	716.1E6	518.704	352.344	#
Sum Aroclor-1260			6267.4E6	3212.4E6	1489.650	1865.833	
Average Aroclor-1260					297.930	373.167	
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262					0.000	0.000	
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

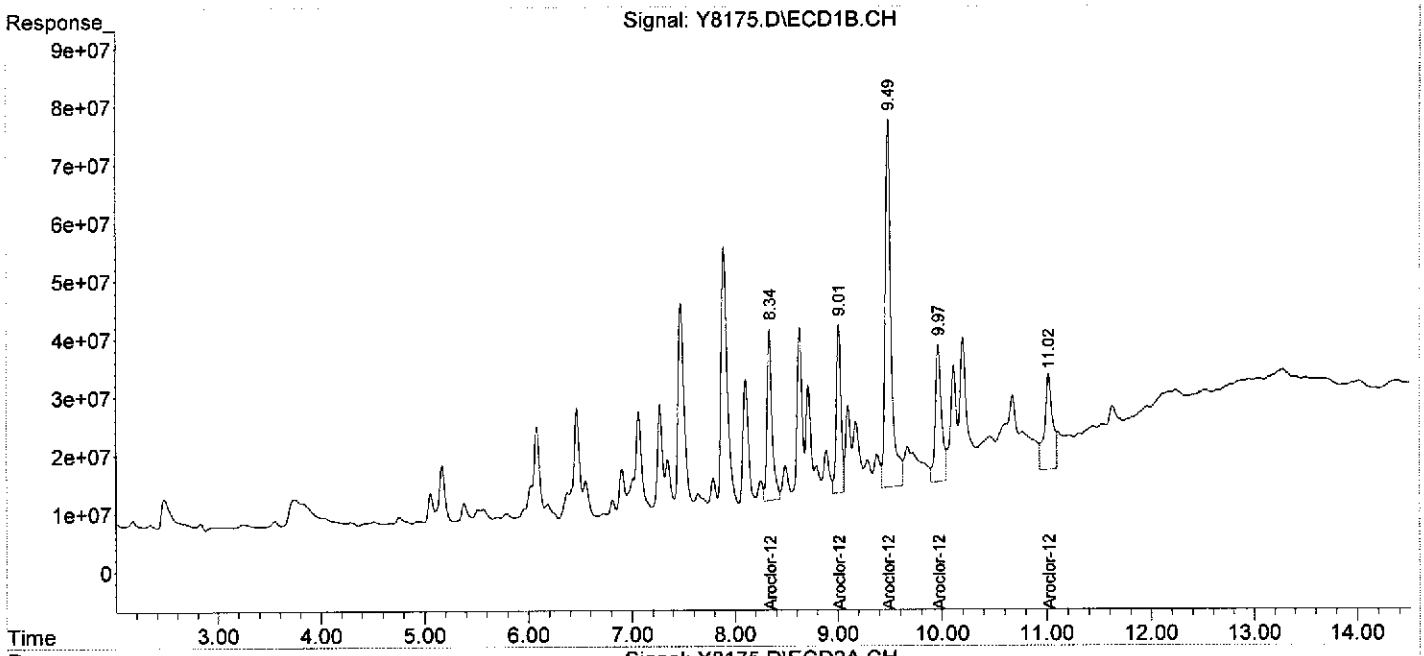
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

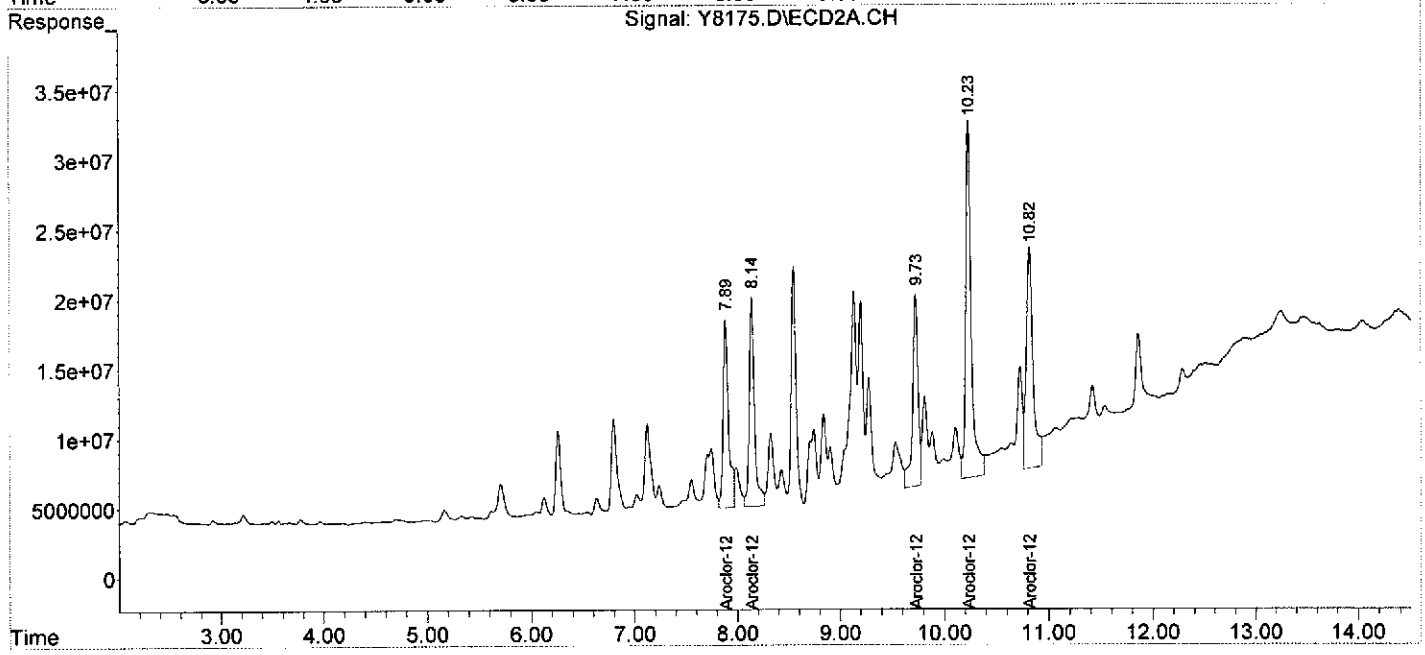
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8175.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 11:36
Operator : YG
Sample : S-38_(3.0-,07487-003,S,5.62g,31.9,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,1000
ALS Vial : 70 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 12:58:29 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8176.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 11:53
Operator : YG
Sample : S-38_(4.0-,07487-004,S,5.28g,21.6,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,100
ALS Vial : 71 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:01:16 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
System Monitoring Compounds							
Target Compounds							
Sum Aroclor-1016			0	0	N.D.	N.D.	
Average Aroclor-1016					0.000	0.000	
Sum Aroclor-1221			0	0	N.D.	N.D.	
Average Aroclor-1221					0.000	0.000	
Sum Aroclor-1232			0	0	N.D.	N.D.	
Average Aroclor-1232					0.000	0.000	
Sum Aroclor-1242			0	0	N.D.	N.D.	
Average Aroclor-1242					0.000	0.000	
Sum Aroclor-1248			0	0	N.D.	N.D.	
Average Aroclor-1248					0.000	0.000	
Sum Aroclor-1254			0	0	N.D.	N.D.	
Average Aroclor-1254					0.000	0.000	
33) L8 Aroclor-1260	8.34	7.89	1271.6E6	377.2E6	175.073	350.788	#
34) L8 Aroclor-1260 {2}	9.01	8.14	899.9E6	455.6E6	283.986	287.529	
35) L8 Aroclor-1260 {3}	9.49	9.73	2206.6E6	428.5E6	267.381	323.452	
36) L8 Aroclor-1260 {4}	9.97	10.23	761.4E6	937.9E6	184.232	324.999	#
37) L8 Aroclor-1260 {5}	11.03	10.82	465.6E6	657.6E6	276.621	323.523	
Sum Aroclor-1260			5605.2E6	2856.9E6	1187.293	1610.291	
Average Aroclor-1260					237.459	322.058	
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262					0.000	0.000	
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

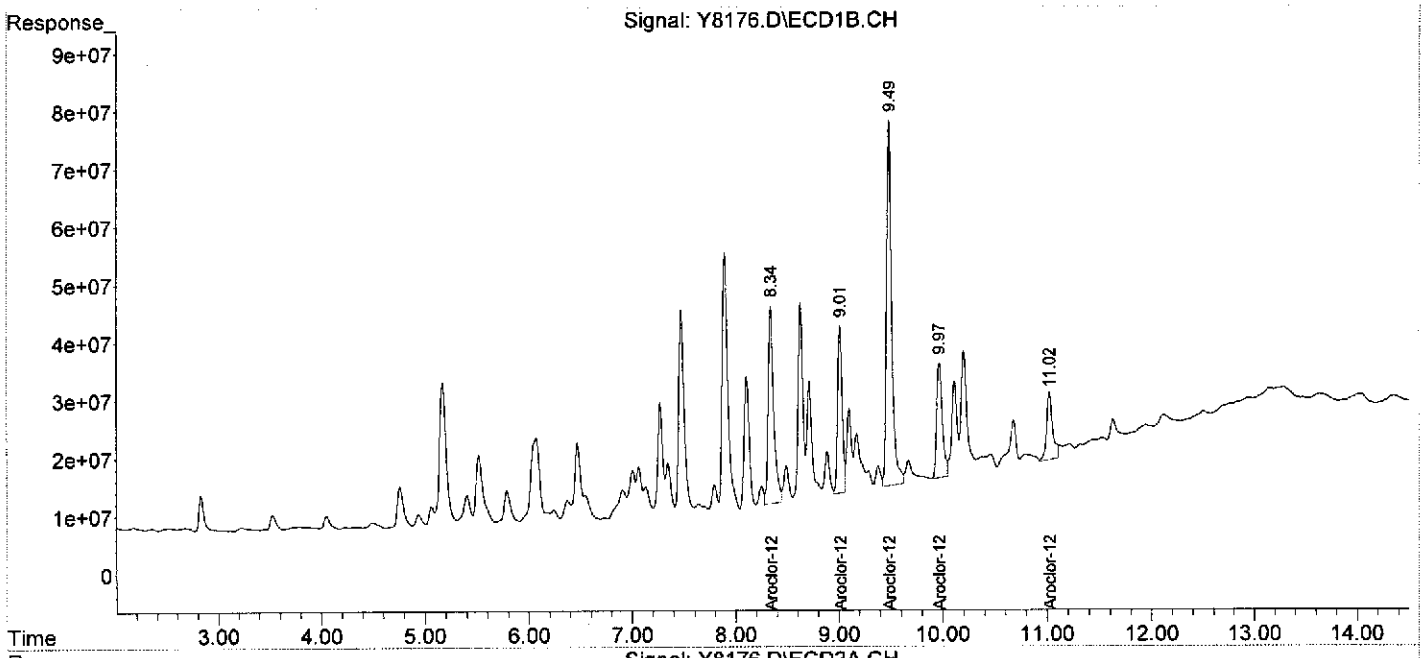
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

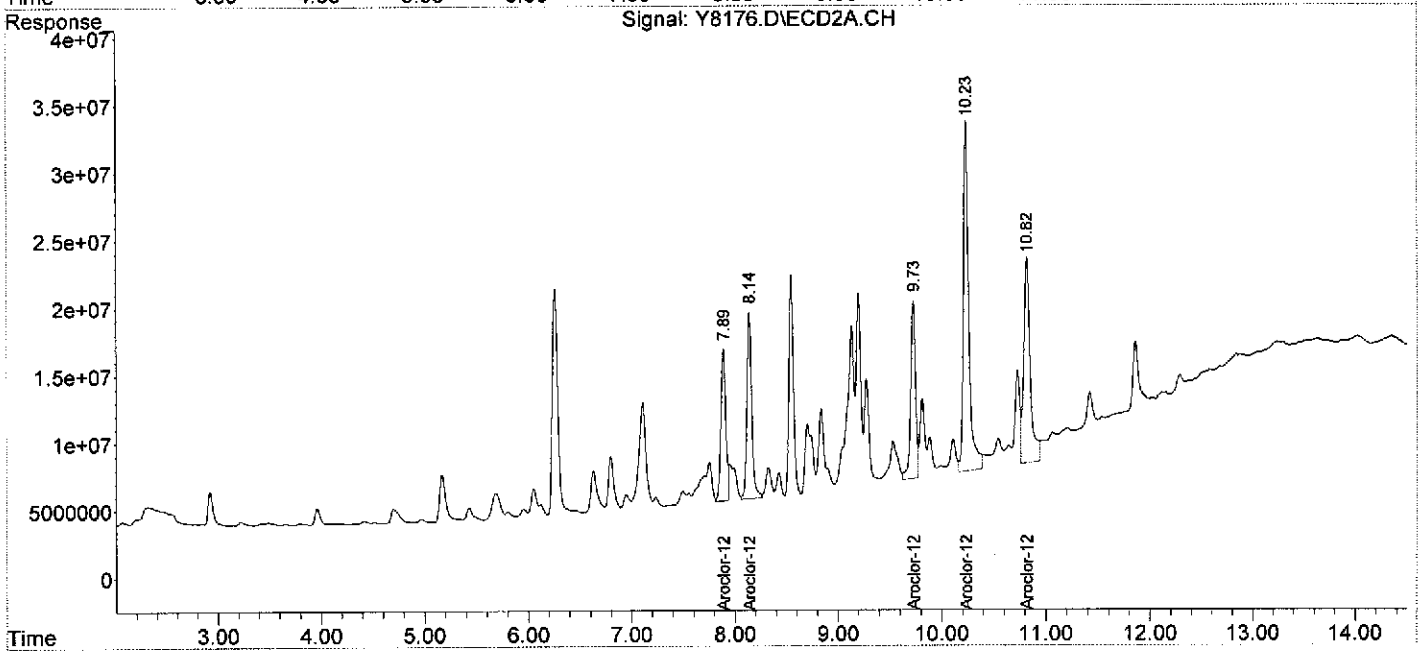
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8176.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 11:53
Operator : YG
Sample : S-38_(4.0-,07487-004,S,5.28g,21.6,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,100
ALS Vial : 71 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:01:16 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8200.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 21:46
Operator : YG
Sample : S-38_(6.0-,07487-005,S,5.72g,71.0,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,10
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 09:43:05 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	1738.8E6	700.0E6	18.290	20.028
Spiked Amount 200.000			Recovery	=	9.14%	10.01%
2) S DCB	12.10	12.49	575.2E6	225.9E6	27.911m	26.291m
Spiked Amount 200.000			Recovery	=	13.96%	13.15%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	6.45	7.11	1775.6E6	700.9E6	301.421	323.447
29) L7 Aroclor-1254 {2}	6.89	7.70	685.9E6	273.0E6	176.827	159.822
30) L7 Aroclor-1254 {3}	7.05	8.31	1557.0E6	404.7E6	210.060	240.285
31) L7 Aroclor-1254 {4}	7.46	8.54	3620.6E6	1490.0E6	470.790	1545.507 #
32) L7 Aroclor-1254 {5}	8.33	9.13	2838.4E6	1923.2E6	411.359	804.397 #
Sum Aroclor-1254			10477.5E6	4791.8E6	1570.457	3073.457
Average Aroclor-1254					314.091	614.691
33) L8 Aroclor-1260	8.33	7.87	2838.4E6	1082.7E6	390.774	1006.822 #
34) L8 Aroclor-1260 {2}	9.00	8.13	2550.8E6	1242.7E6	804.932	784.210
35) L8 Aroclor-1260 {3}	9.48	9.72	7625.0E6	1396.6E6	923.933	1054.202
36) L8 Aroclor-1260 {4}	9.96	10.22	2853.4E6	3147.7E6	690.433	1090.721 #
37) L8 Aroclor-1260 {5}	11.01	10.81	1768.2E6	2329.0E6	1050.591	1145.881
Sum Aroclor-1260			17635.8E6	9198.8E6	3860.664	5081.836
Average Aroclor-1260					772.133	1016.367
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8200.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 21:46
Operator : YG
Sample : S-38_(6.0-,07487-005,S,5.72g,71.0,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,10
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 09:43:05 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2

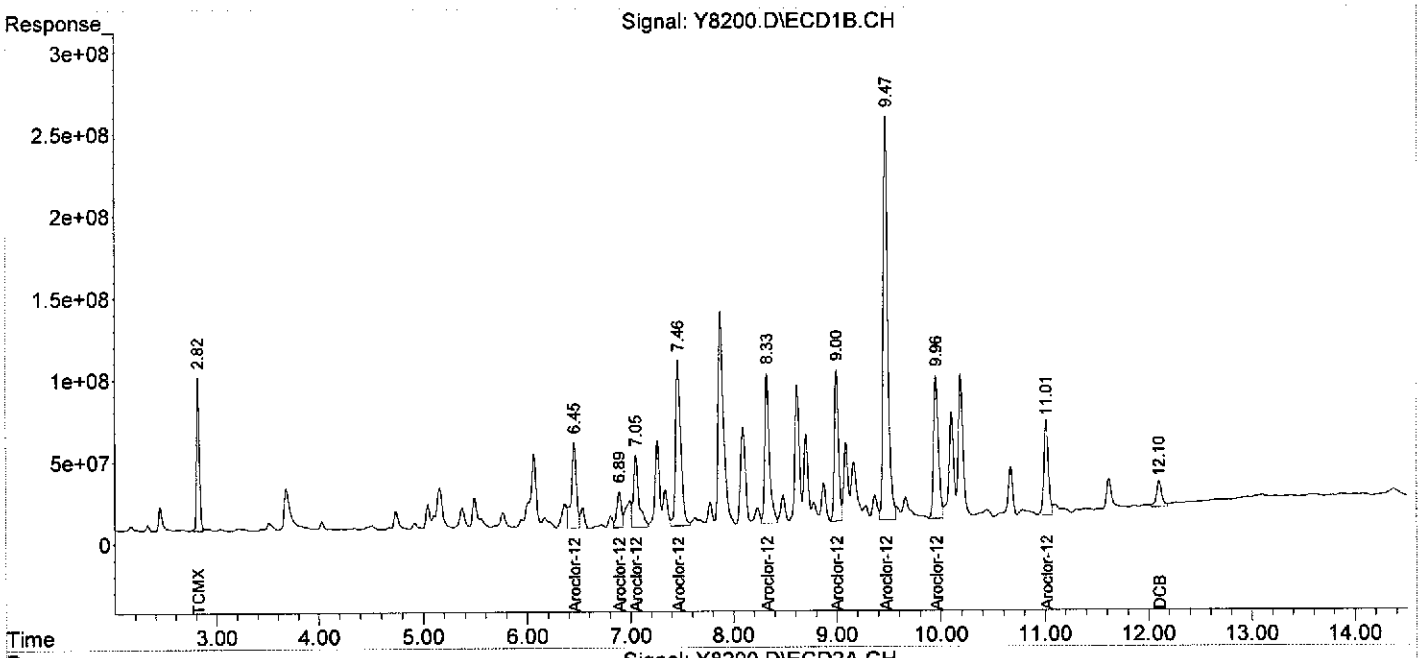
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

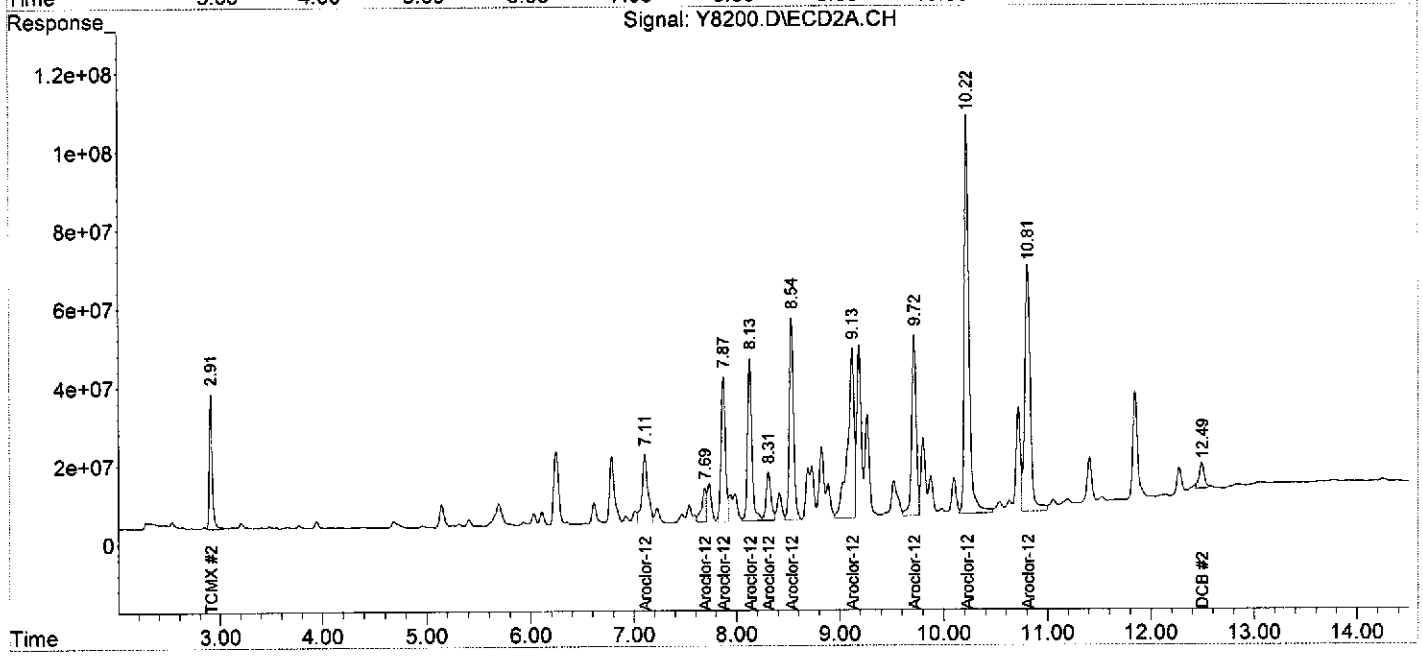
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8200.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 21:46
Operator : YG
Sample : S-38_(6.0-,07487-005,S,5.72g,71.0,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,10
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 09:43:05 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8178.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 12:28
Operator : YG
Sample : S-38_(6.75,07487-006,S,5.41g,19.7,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,1
ALS Vial : 73 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:08:51 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.83	2.92	17720.4E6	6552.8E6	186.392	187.477
Spiked Amount 200.000			Recovery	=	93.20%	93.74%
2) S DCB	12.11	12.50	2676.1E6	1243.2E6	129.857m	144.671m
Spiked Amount 200.000			Recovery	=	64.93%	72.34%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.34	7.89	455.6E6	140.3E6	62.729m	130.491 #
34) L8 Aroclor-1260 {2}	9.01	8.14	416.1E6	181.2E6	131.308	114.330
35) L8 Aroclor-1260 {3}	9.48	9.73	1009.0E6	205.7E6	122.266	155.244 #
36) L8 Aroclor-1260 {4}	9.97	10.23	409.9E6	368.9E6	99.195	127.818m#
37) L8 Aroclor-1260 {5}	11.03	10.82	289.1E6	249.6E6	171.753m	122.818m#
Sum Aroclor-1260			2579.8E6	1145.7E6	587.250	650.702
Average Aroclor-1260					117.450	130.140
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

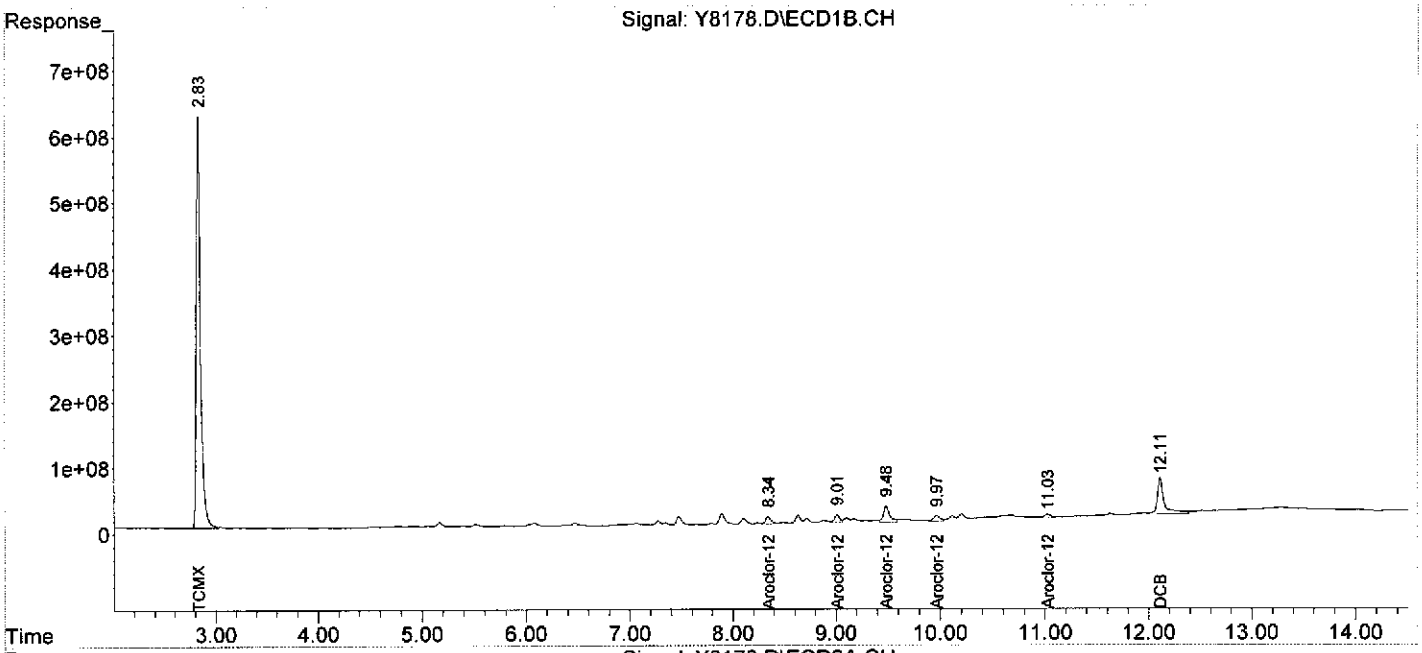
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

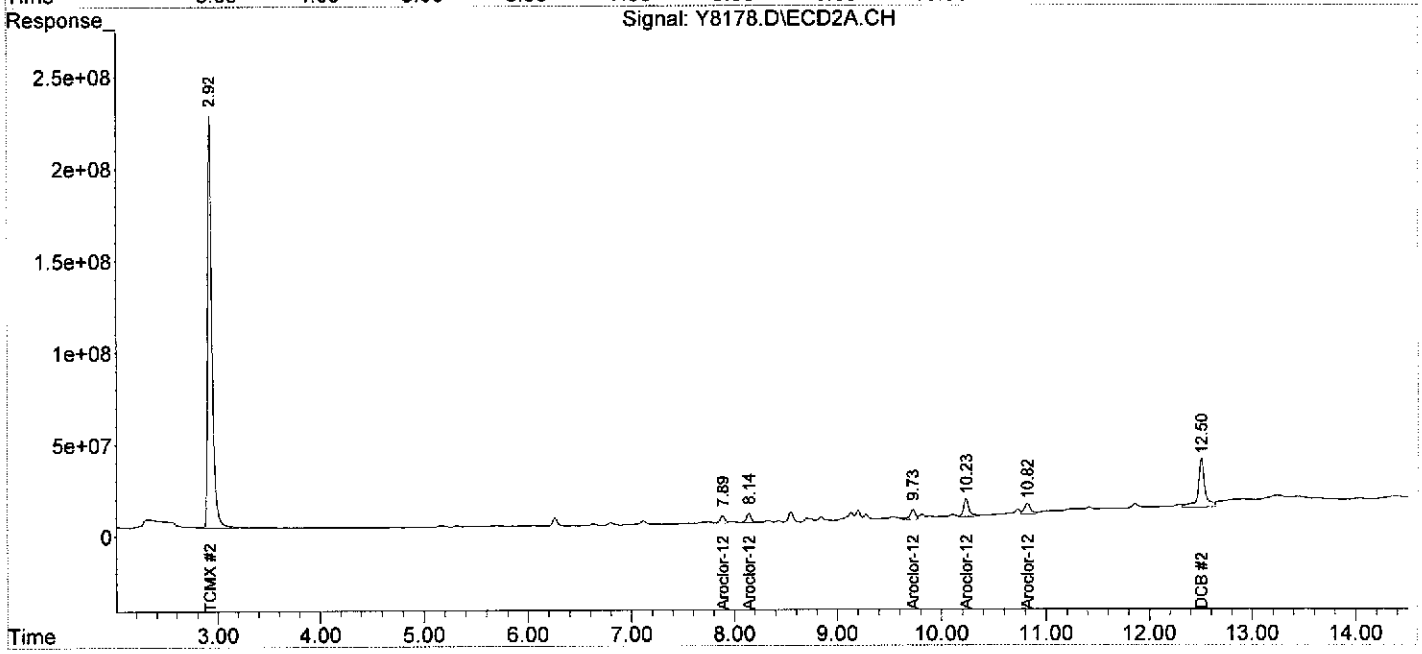
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8178.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 12:28
Operator : YG
Sample : S-38_(6.75,07487-006,S,5.41g,19.7,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,1
ALS Vial : 73 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:08:51 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8179.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 12:45
Operator : YG
Sample : S-39_(0-1.,07487-007,S,5.42g,10.3,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,10
ALS Vial : 74 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:11:07 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.83	2.92	1796.0E6	663.8E6	18.891	18.993
Spiked Amount 200.000			Recovery =		9.45%	9.50%
2) S DCB	12.11	12.50	308.3E6	85218727	14.959m	9.917m#
Spiked Amount 200.000			Recovery =		7.48%	4.96%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.53	5.15	2181.4E6	807.8E6	494.778	506.738
24) L6 Aroclor-1248 {2}	5.06	5.72	1861.3E6	1807.8E6	767.939	771.696
25) L6 Aroclor-1248 {3}	5.38	6.12	3748.0E6	1240.1E6	1221.441	732.105 #
26) L6 Aroclor-1248 {4}	6.08	6.28	6519.3E6	958.6E6	1169.769	659.463 #
27) L6 Aroclor-1248 {5}	6.35	6.63	3719.4E6	615.2E6	892.902	732.763
Sum Aroclor-1248			18029.4E6	5429.5E6	4546.829	3402.765
Average Aroclor-1248					909.366	680.553
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.34	7.88	4231.2E6	1855.2E6	582.524	1725.147 #
34) L8 Aroclor-1260 {2}	9.01	8.14	1443.5E6	1219.3E6	455.508	769.454 #
35) L8 Aroclor-1260 {3}	9.49	9.73	3732.4E6	796.8E6	452.266	601.451 #
36) L8 Aroclor-1260 {4}	9.97	10.23	1423.5E6	1604.7E6	344.451	556.037 #
37) L8 Aroclor-1260 {5}	11.02	10.82	946.3E6	1099.7E6	562.271	541.060
Sum Aroclor-1260			11776.9E6	6575.7E6	2397.021	4193.149
Average Aroclor-1260					479.404	838.630
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8179.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 12:45
Operator : YG
Sample : S-39_(0-1.,07487-007,S,5.42g,10.3,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,10
ALS Vial : 74 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:11:07 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2

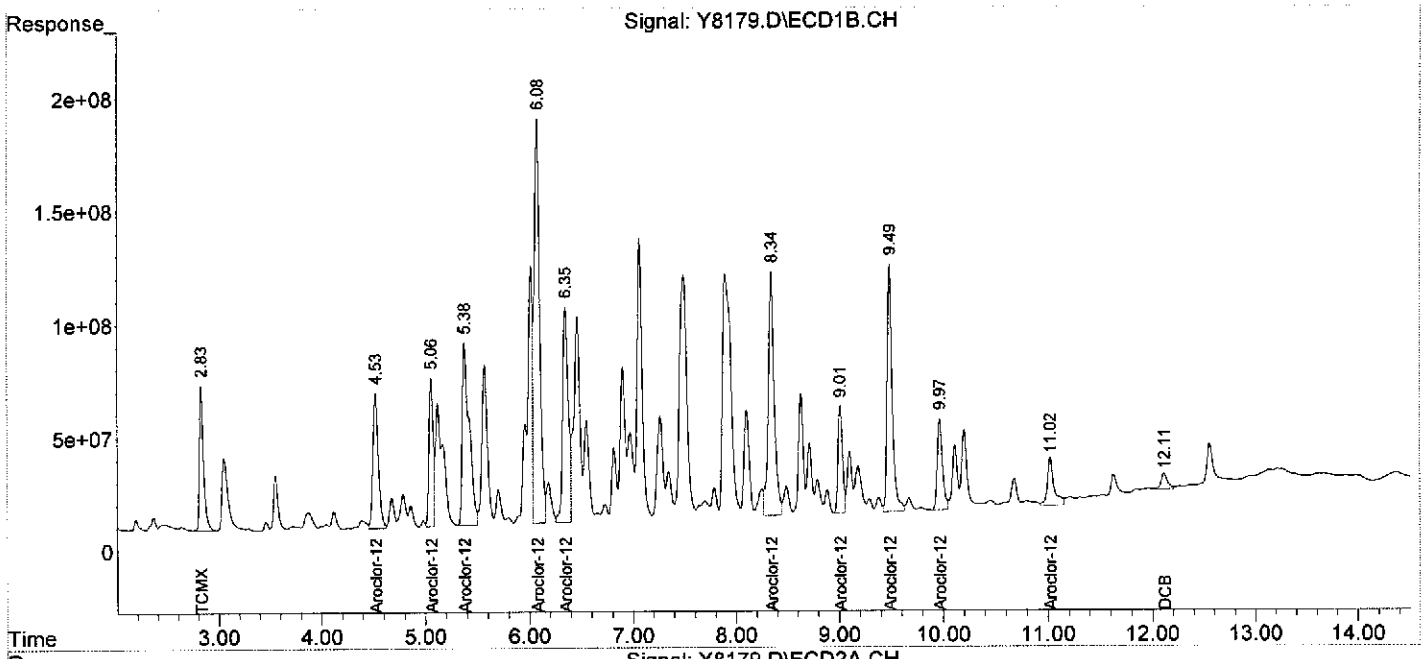
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

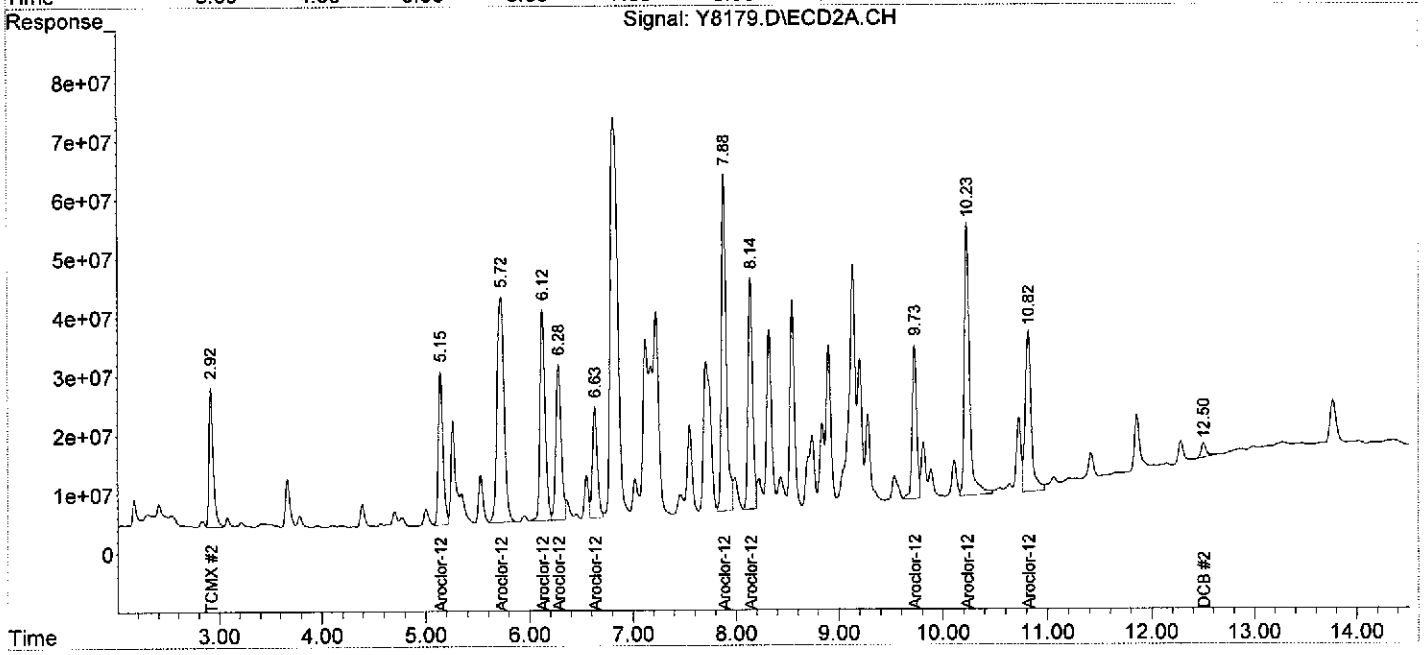
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8179.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 12:45
Operator : YG
Sample : S-39_(0-1.,07487-007,S,5.42g,10.3,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,10
ALS Vial : 74 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:11:07 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8180.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 13:02
Operator : YG
Sample : S-39_(1.75,07487-008,S,5.10g,24.1,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,1000
ALS Vial : 75 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:13:05 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.34	7.89	414.6E6	106.1E6	57.082	98.649 #
34) L8 Aroclor-1260 {2}	9.02	8.14	268.6E6	149.0E6	84.751m	94.052
35) L8 Aroclor-1260 {3}	9.49	9.73	679.7E6	119.3E6	82.360m	90.079m
36) L8 Aroclor-1260 {4}	9.97	10.23	226.4E6	260.7E6	54.787m	90.342m#
37) L8 Aroclor-1260 {5}	11.03	10.82	135.1E6	125.4E6	80.259m	61.687m
Sum Aroclor-1260			1724.4E6	760.6E6	359.240	434.809
Average Aroclor-1260					71.848	86.962
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

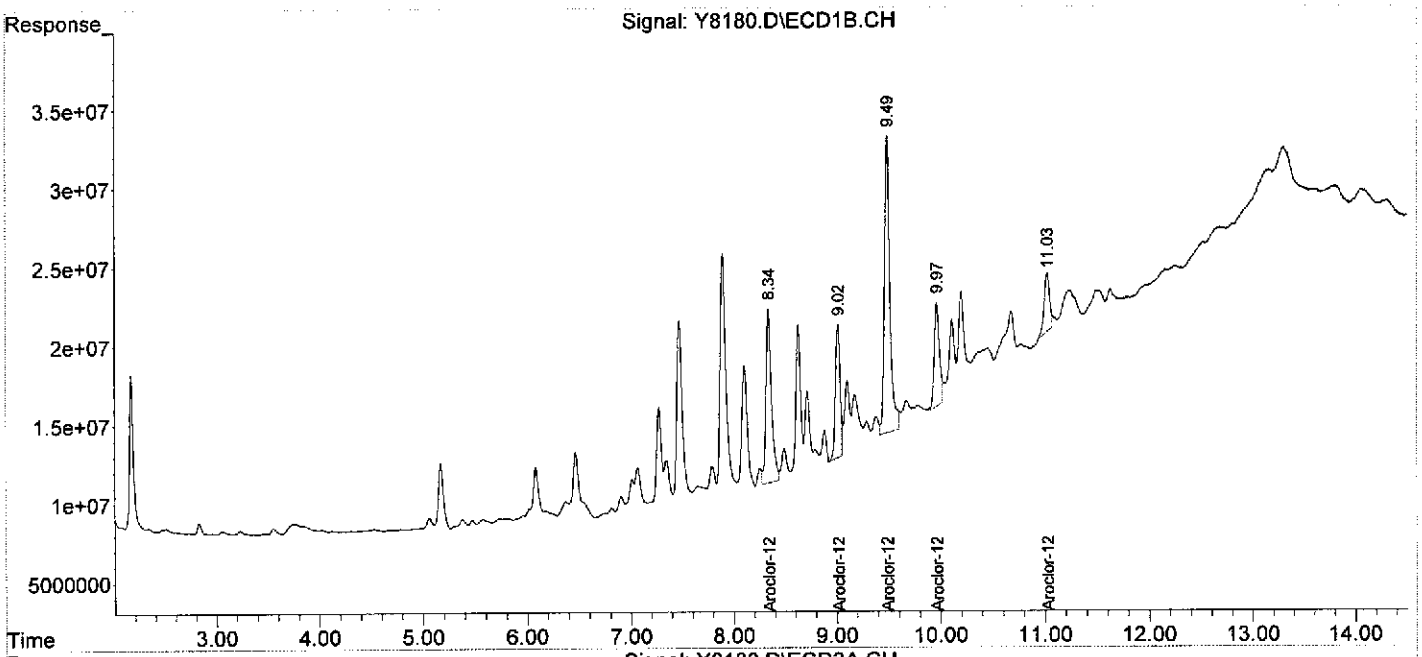
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

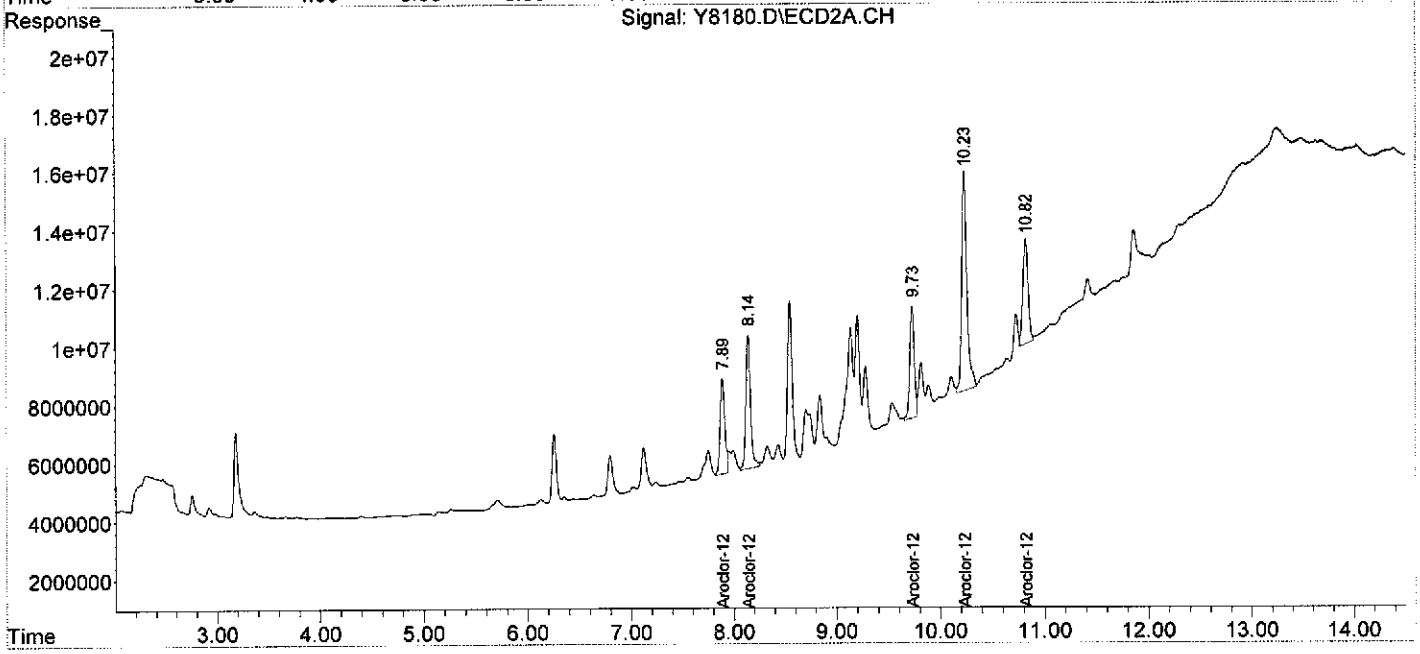
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8180.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 13:02
Operator : YG
Sample : S-39_(1.75,07487-008,S,5.10g,24.1,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,1000
ALS Vial : 75 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:13:05 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8181.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 13:20
Operator : YG
Sample : S-39_(2.0-,07487-009,S,5.10g,14.7,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,100
ALS Vial : 76 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:22:06 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	6.47	7.12	4216.8E6	1629.9E6	715.837	752.175
29) L7 Aroclor-1254 {2}	6.90	7.71	2248.7E6	1150.7E6	579.687	673.599
30) L7 Aroclor-1254 {3}	7.07	8.32	4891.4E6	1158.5E6	659.924	687.886
31) L7 Aroclor-1254 {4}	7.49	8.55	6981.8E6	1501.7E6	907.867	1557.589 #
32) L7 Aroclor-1254 {5}	8.34	9.14	6431.6E6	1559.2E6	932.114	652.144m#
Sum Aroclor-1254			24770.4E6	6999.9E6	3795.429	4323.392
Average Aroclor-1254					759.086	864.678
33) L8 Aroclor-1260	8.34	7.89	6431.6E6	2097.4E6	885.470	1950.331 #
34) L8 Aroclor-1260 {2}	9.01	8.14	2010.8E6	1363.1E6	634.516	860.174 #
35) L8 Aroclor-1260 {3}	9.49	9.73	5161.8E6	1111.0E6	625.456	838.566 #
36) L8 Aroclor-1260 {4}	9.97	10.23	2023.5E6	1810.6E6	489.620	627.407m#
37) L8 Aroclor-1260 {5}	11.02	10.82	1245.8E6	1215.5E6	740.196	598.021m
Sum Aroclor-1260			16873.4E6	7597.5E6	3375.259	4874.498
Average Aroclor-1260					675.052	974.900
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

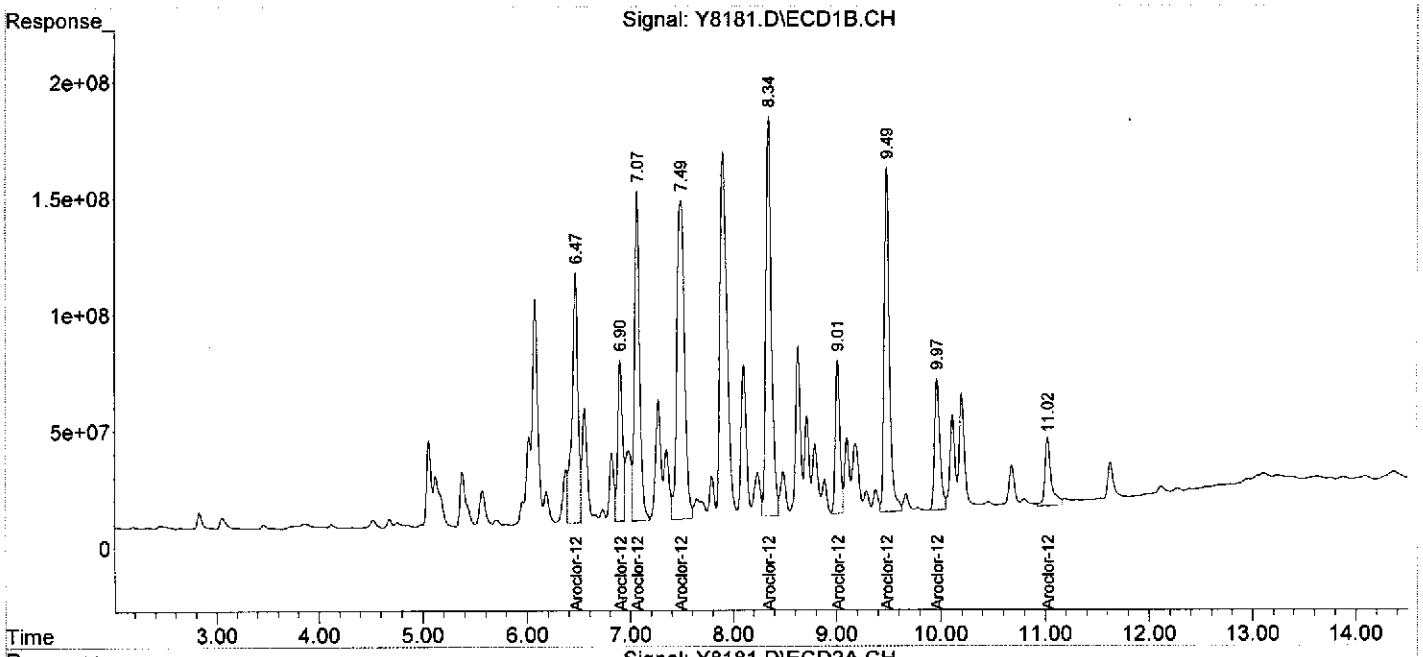
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

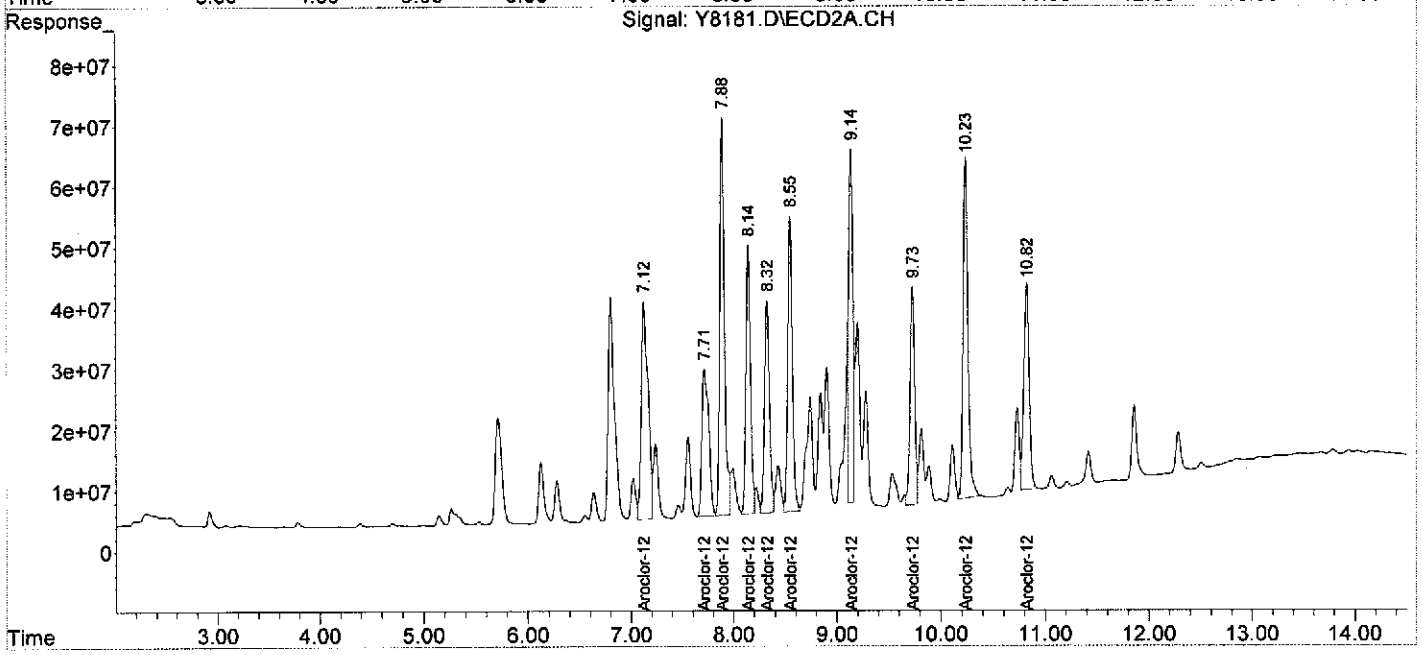
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8181.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 13:20
Operator : YG
Sample : S-39_(2.0-,07487-009,S,5.10g,14.7,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,100
ALS Vial : 76 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:22:06 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8182.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 13:37
Operator : YG
Sample : S-39_(2.75,07487-010,S,5.69g,53.5,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,100
ALS Vial : 77 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:23:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.34	7.89	5333.4E6	1645.9E6	734.279	1530.533 #
34) L8 Aroclor-1260 {2}	9.01	8.14	4741.9E6	2658.2E6	1496.363	1677.496
35) L8 Aroclor-1260 {3}	9.49	9.73	13092.8E6	2677.7E6	1586.476	2021.189 #
36) L8 Aroclor-1260 {4}	9.96	10.23	4628.7E6	6529.1E6	1119.986	2262.441 #
37) L8 Aroclor-1260 {5}	11.02	10.82	2721.4E6	3621.7E6	1616.958	1781.849
Sum Aroclor-1260			30518.2E6	17132.7E6	6554.061	9273.508
Average Aroclor-1260					1310.812	1854.702
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

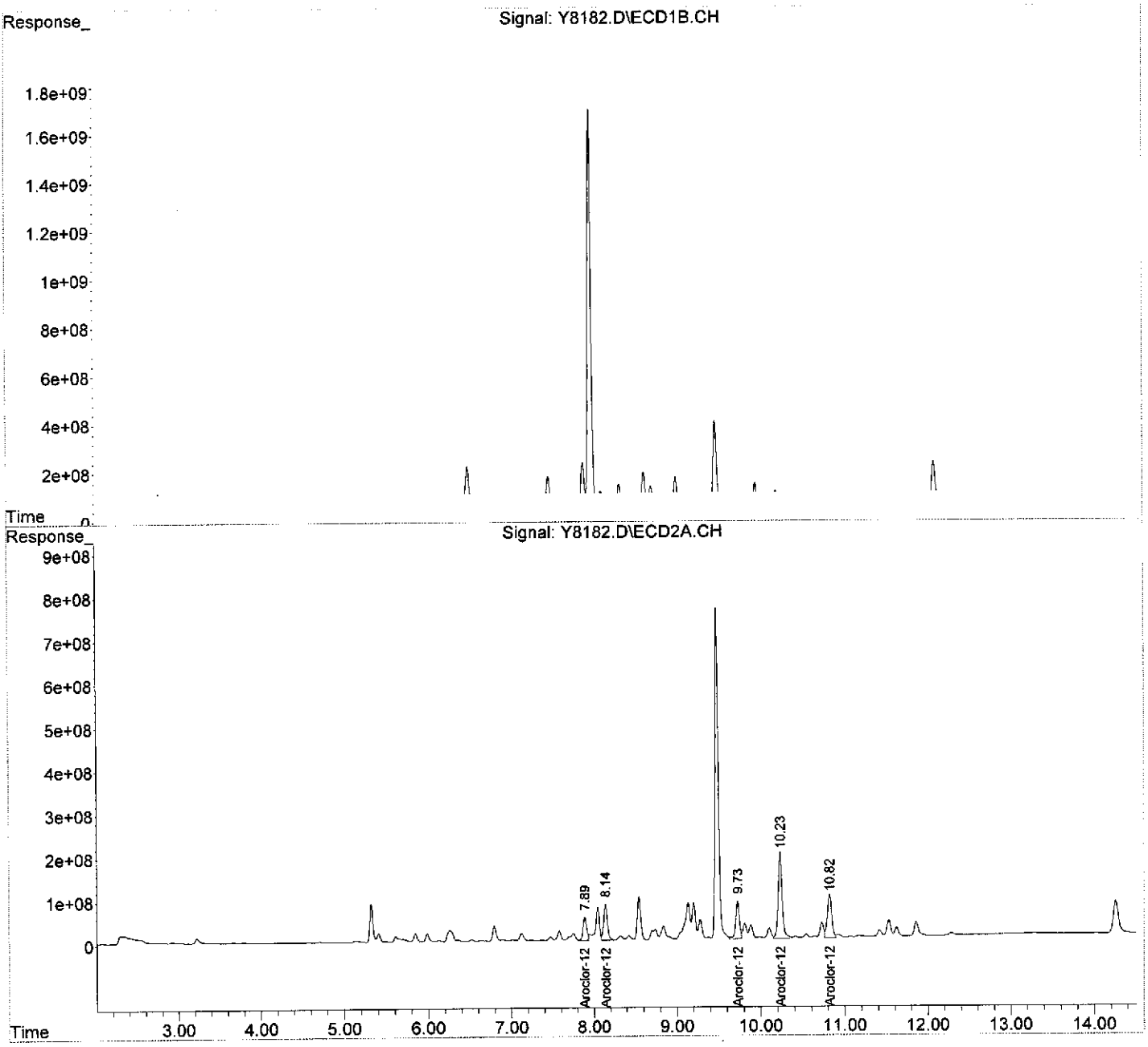
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

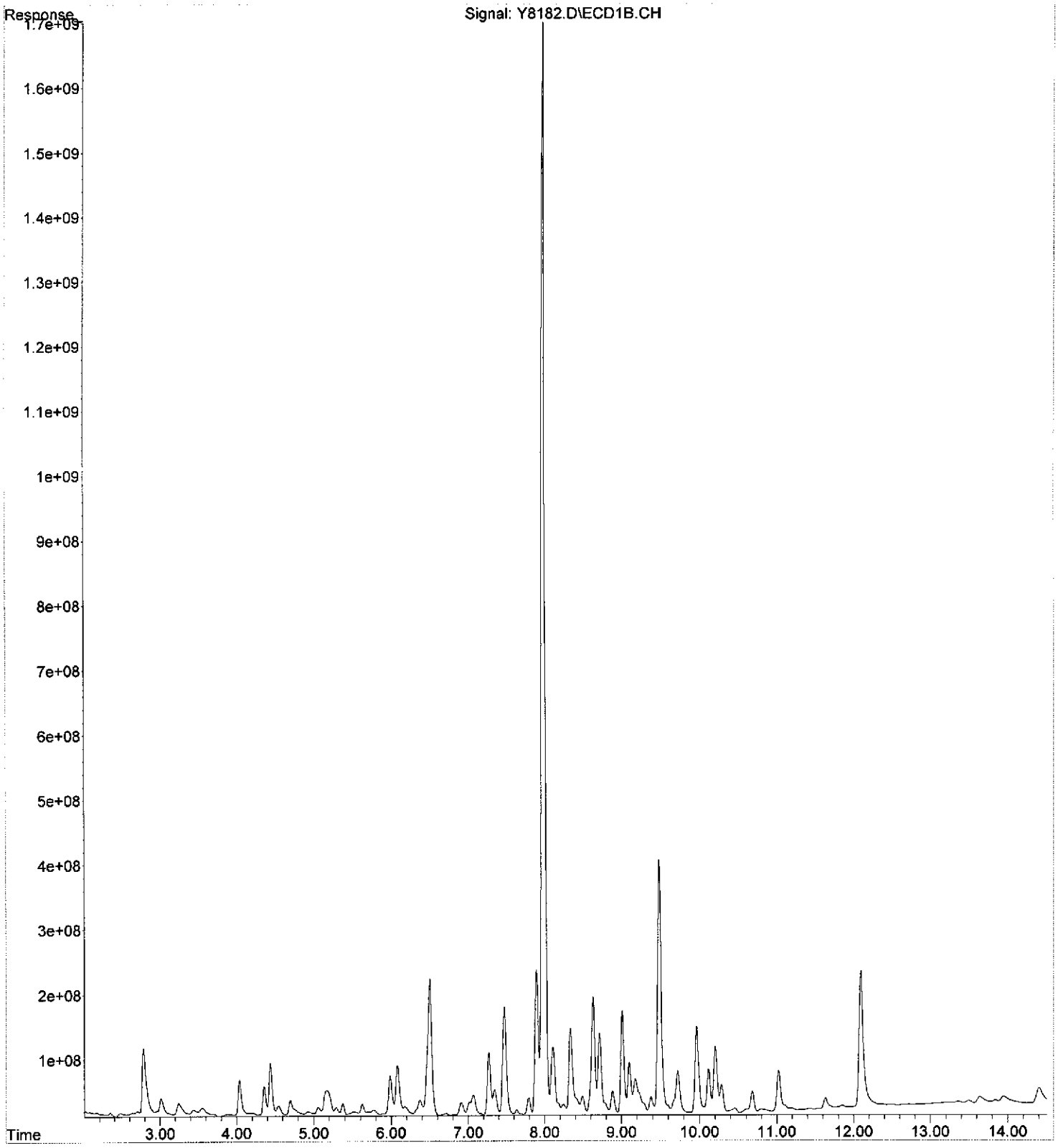
Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8182.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 13:37
Operator : YG
Sample : S-39_(2.75,07487-010,S,5.69g,53.5,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,100
ALS Vial : 77 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:23:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



File :C:\MSDChem\1\DATA\08-07-12\Y8182.D
Operator : YG
Acquired : 08 Aug 2012 13:37 using AcqMethod YPCB0727.M
Instrument : GC_Y
Sample Name: S-39_(2.75,07487-010,S,5.69g,53.5,08/01/12,4
Misc Info : 120801-10,07/25/12,07/25/12,100
Vial Number: 77



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8183.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 13:54
Operator : YG
Sample : S-39_(4.0-,07487-011,S,5.51g,75.4,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,1
ALS Vial : 78 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:24:32 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.83	2.92	17193.6E6	7247.2E6	180.851	207.345
Spiked Amount 200.000			Recovery	=	90.43%	103.67%
2) S DCB	12.11	12.50	3116.0E6	1323.4E6	151.201	154.006
Spiked Amount 200.000			Recovery	=	75.60%	77.00%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.34	7.89	288.3E6	87577272	39.686	81.437 #
34) L8 Aroclor-1260 {2}	9.01	8.14	153.2E6	107.3E6	48.341	67.707 #
35) L8 Aroclor-1260 {3}	9.48	9.73	365.6E6	66953911	44.296	50.538
36) L8 Aroclor-1260 {4}	9.98	10.23	170.3E6	146.6E6	41.200	50.786m
37) L8 Aroclor-1260 {5}	11.03	10.82	102.6E6	105.8E6	60.969m	52.038
Sum Aroclor-1260			1079.9E6	514.2E6	234.492	302.507
Average Aroclor-1260					46.898	60.501
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

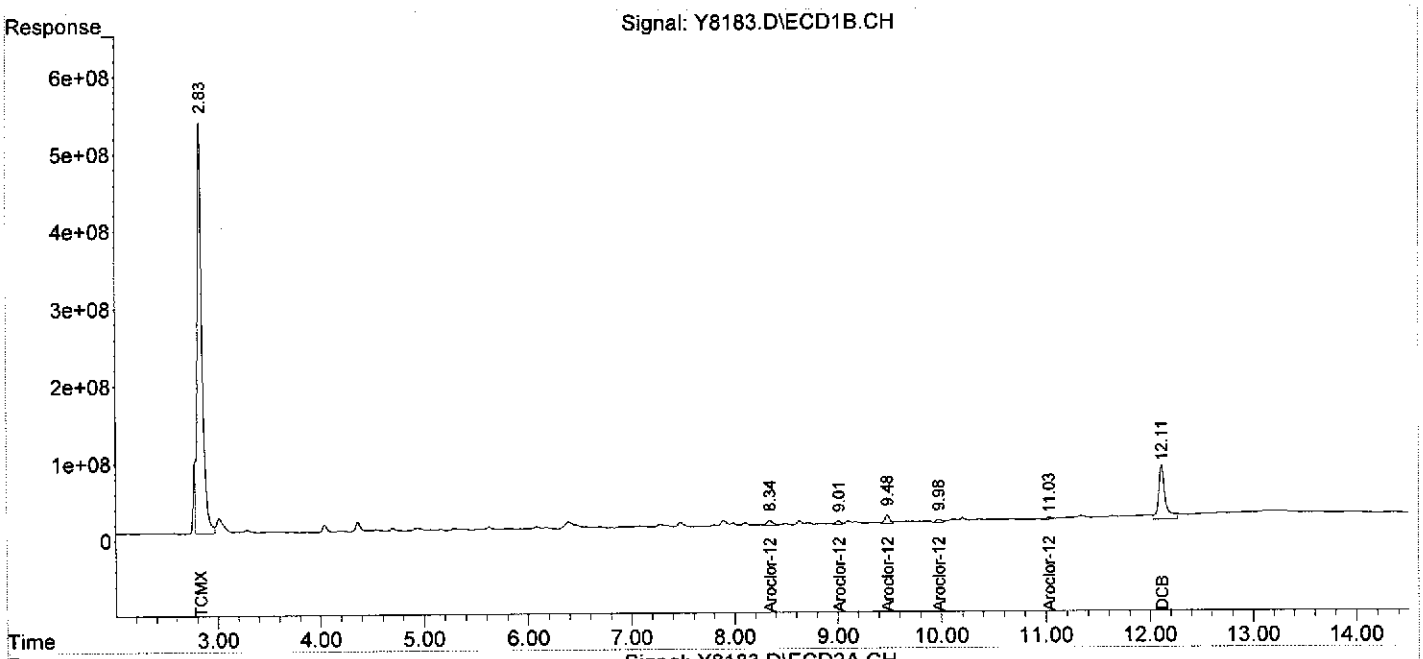
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

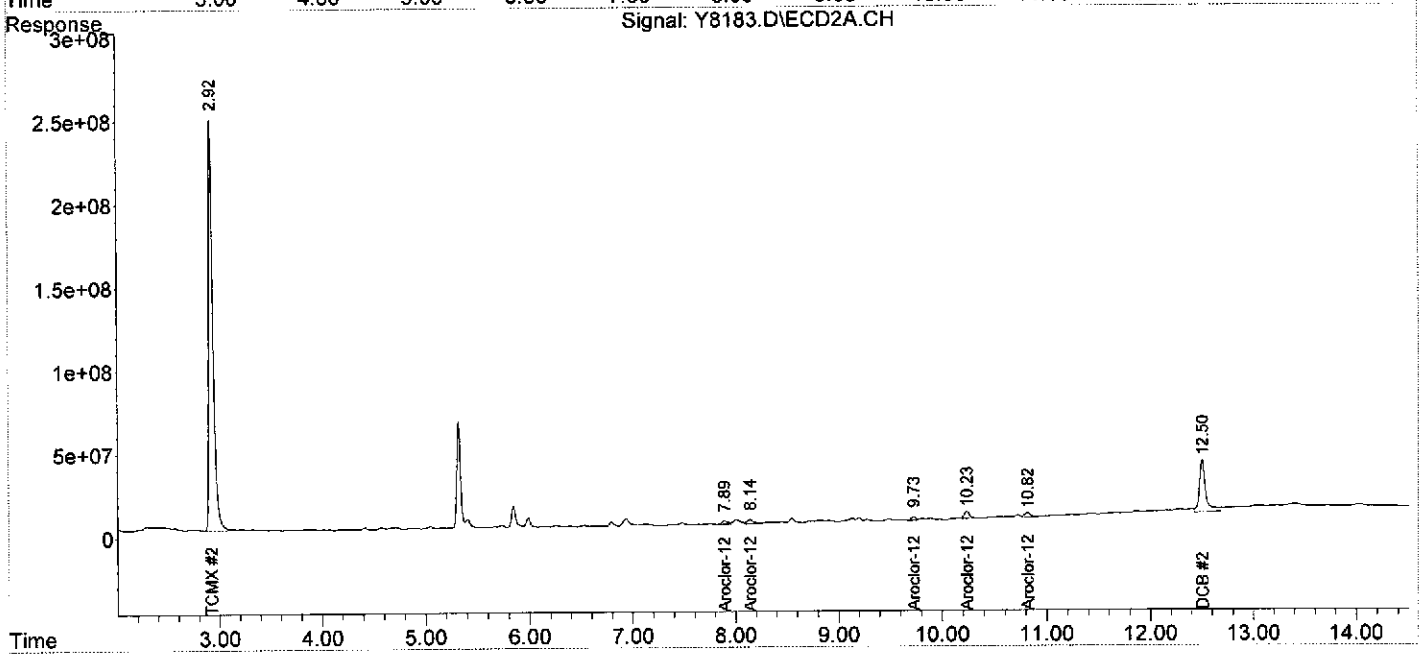
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8183.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 13:54
Operator : YG
Sample : S-39_(4.0-,07487-011,S,5.51g,75.4,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,1
ALS Vial : 78 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:24:32 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8184.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 14:11
Operator : YG
Sample : S-39_(5.0-,07487-012,S,5.74g,8.30,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,1
ALS Vial : 79 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:25:25 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.83	2.92	15140.2E6	6542.1E6	159.252	187.170
Spiked Amount 200.000			Recovery	=	79.63%	93.58%
2) S DCB	12.11	12.50	2588.0E6	1480.3E6	125.579	172.258 #
Spiked Amount 200.000			Recovery	=	62.79%	86.13%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.34	7.89	409.3E6	105.3E6	56.351	97.924 #
34) L8 Aroclor-1260 {2}	9.01	8.14	283.4E6	135.1E6	89.443	85.280
35) L8 Aroclor-1260 {3}	9.49	9.73	625.0E6	126.7E6	75.736m	95.620m#
36) L8 Aroclor-1260 {4}	9.97	10.23	262.5E6	288.1E6	63.527m	99.821 #
37) L8 Aroclor-1260 {5}	11.02	10.82	169.4E6	139.0E6	100.630m	68.371 #
Sum Aroclor-1260			1749.7E6	794.2E6	385.688	447.015
Average Aroclor-1260					77.138	89.403
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

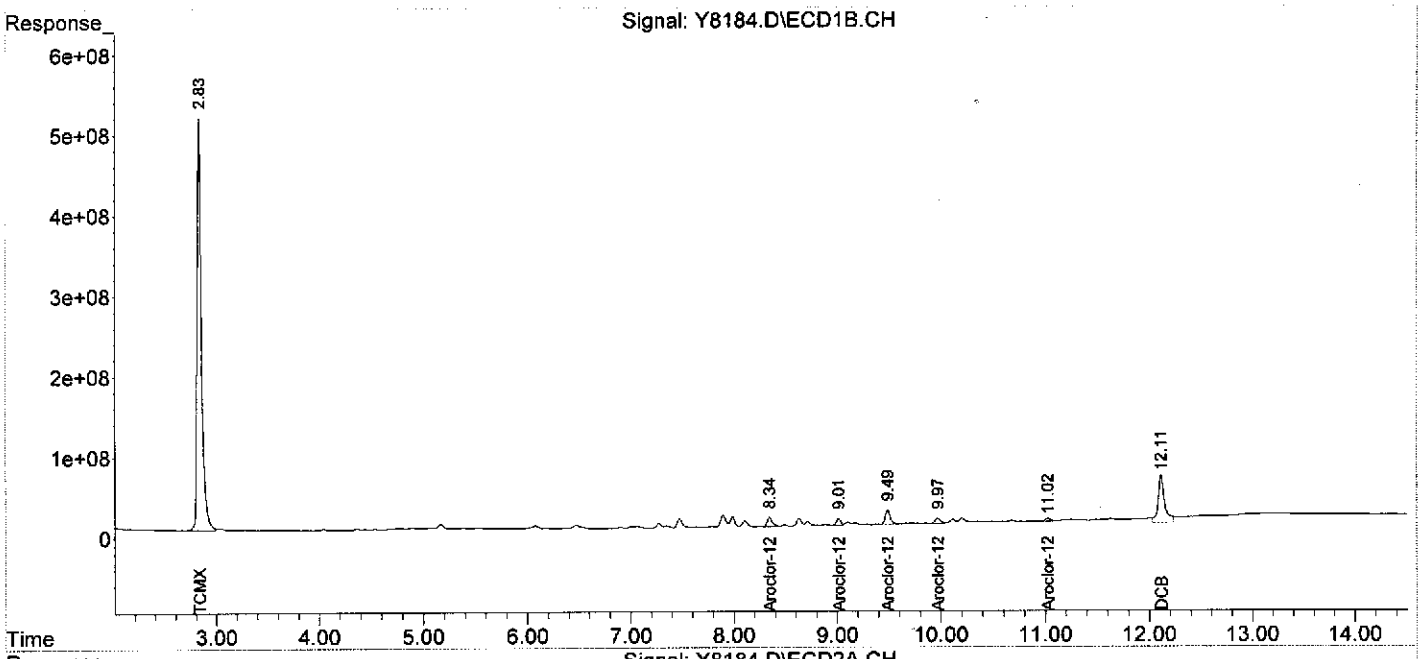
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

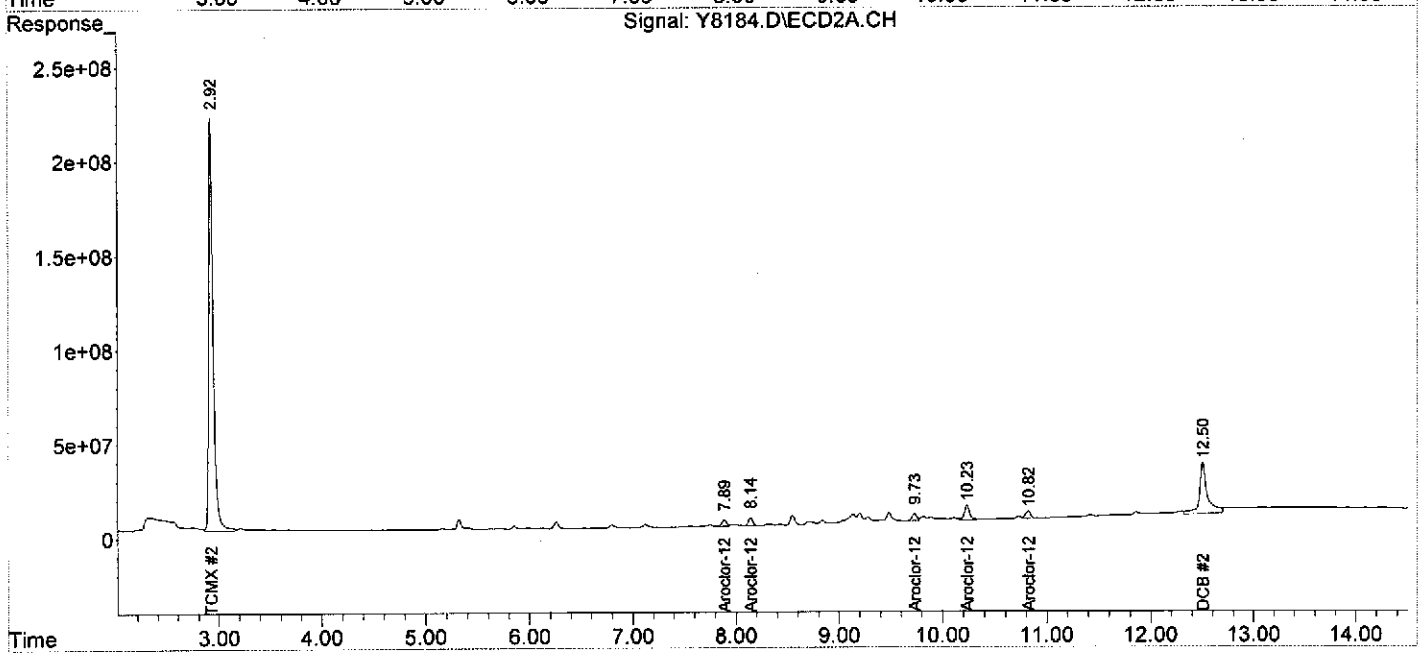
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8184.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 14:11
Operator : YG
Sample : S-39_(5.0-,07487-012,S,5.74g,8.30,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,1
ALS Vial : 79 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:25:25 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8185.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 14:28
Operator : YG
Sample : R-39_(0-2.,07487-013,S,5.62g,14.3,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,10
ALS Vial : 80 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:28:57 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.83	2.92	1954.8E6	681.0E6	20.562	19.484
Spiked Amount 200.000			Recovery =		10.28%	9.74%
2) S DCB	12.11	12.50	253.9E6	93344642	12.323m	10.862m
Spiked Amount 200.000			Recovery =		6.16%	5.43%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.53	5.15	9021.8E6	2973.8E6	2046.247	1865.540
24) L6 Aroclor-1248 {2}	5.06	5.73	3732.1E6	4160.3E6	1539.802	1775.899
25) L6 Aroclor-1248 {3}	5.38	6.13	4587.3E6	2441.8E6	1494.956	1441.595
26) L6 Aroclor-1248 {4}	6.07	6.28	9692.3E6	2040.5E6	1739.121	1403.756
27) L6 Aroclor-1248 {5}	6.35	6.63	6220.1E6	971.9E6	1493.222	1157.556
Sum Aroclor-1248			33253.6E6	12588.3E6	8313.348	7644.346
Average Aroclor-1248					1662.670	1528.869
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.34	7.89	4407.6E6	1813.7E6	606.813	1686.494 #
34) L8 Aroclor-1260 {2}	9.01	8.14	986.9E6	1035.0E6	311.421	653.146 #
35) L8 Aroclor-1260 {3}	9.49	9.73	2610.3E6	495.7E6	316.291	374.155m
36) L8 Aroclor-1260 {4}	9.97	10.23	1053.2E6	935.4E6	254.845	324.114m#
37) L8 Aroclor-1260 {5}	11.02	10.82	578.0E6	576.9E6	343.454	283.843m
Sum Aroclor-1260			9636.0E6	4856.6E6	1832.823	3321.752
Average Aroclor-1260					366.565	664.350
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8185.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 14:28
Operator : YG
Sample : R-39_(0-2.,07487-013,S,5.62g,14.3,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,10
ALS Vial : 80 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:28:57 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2

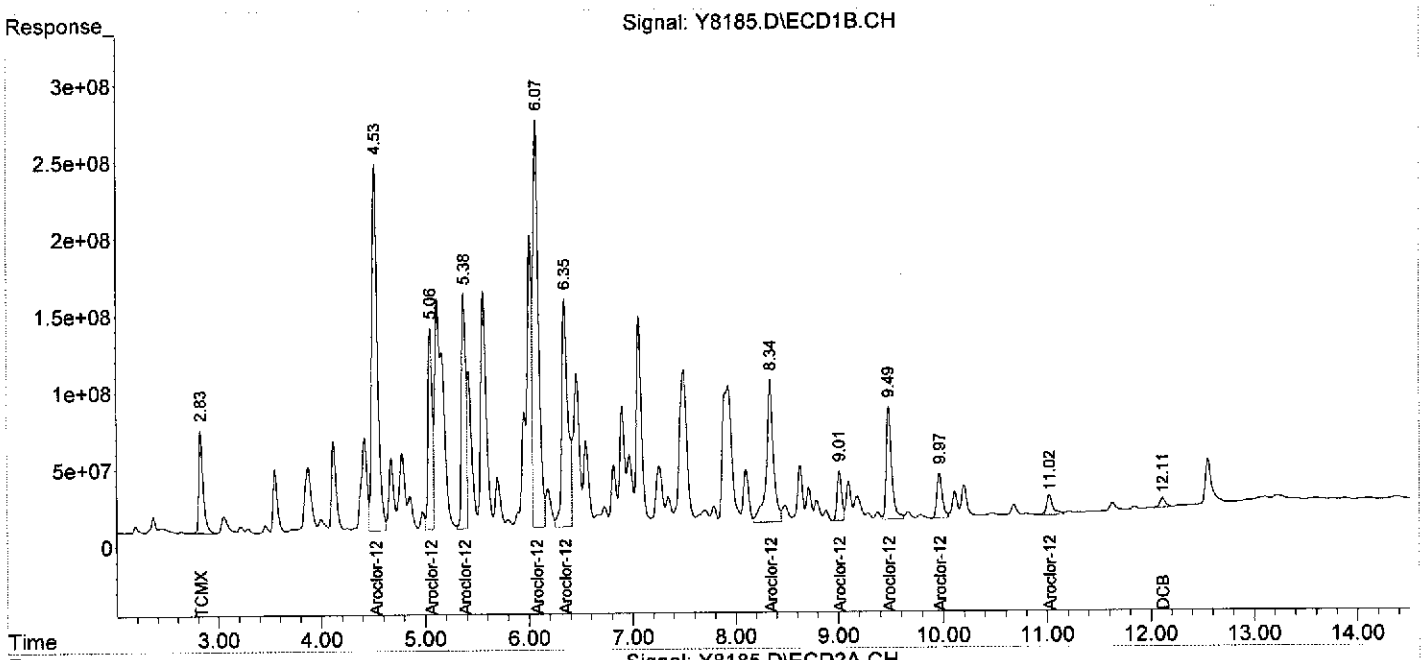
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

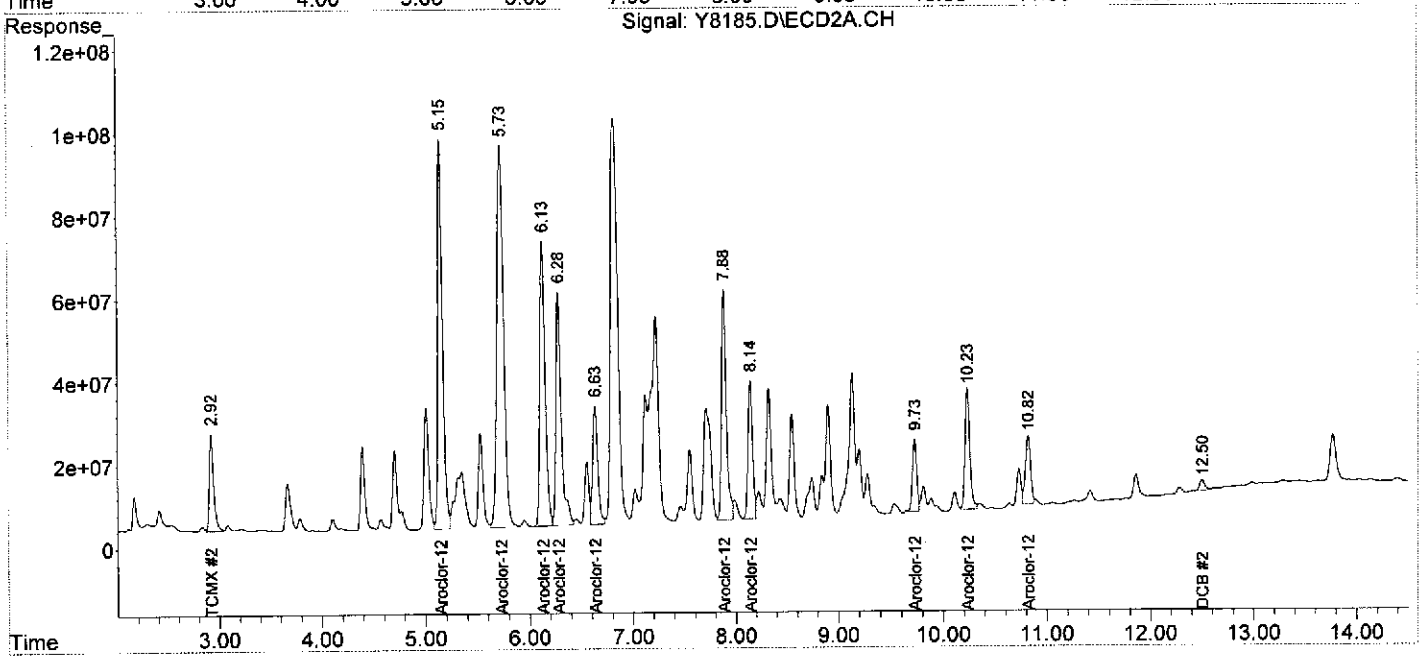
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8185.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 14:28
Operator : YG
Sample : R-39_(0-2.,07487-013,S,5.62g,14.3,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,10
ALS Vial : 80 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:28:57 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8201.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 22:04
Operator : YG
Sample : R-39_(2.0-,07487-014,S,5.26g,13.6,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,10
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 09:46:44 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	1522.5E6	564.3E6	16.015	16.146
Spiked Amount 200.000			Recovery =		8.01%	8.07%
2) S DCB	12.11	12.50	572.2E6	148.9E6	27.768m	17.331m#
Spiked Amount 200.000			Recovery =		13.88%	8.67%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	6.46	7.11	3751.1E6	1499.5E6	636.781	692.024
29) L7 Aroclor-1254 {2}	6.89	7.70	1982.9E6	1006.8E6	511.160	589.371
30) L7 Aroclor-1254 {3}	7.05	8.31	4199.9E6	1060.7E6	566.626	629.838
31) L7 Aroclor-1254 {4}	7.47	8.54	5862.4E6	1287.2E6	762.303	1335.132 #
32) L7 Aroclor-1254 {5}	8.33	9.13	5454.7E6	2121.0E6	790.531	887.121
Sum Aroclor-1254			21251.0E6	6975.2E6	3267.401	4133.485
Average Aroclor-1254					653.480	826.697
33) L8 Aroclor-1260	8.33	7.88	5454.7E6	1722.9E6	750.972	1602.098 #
34) L8 Aroclor-1260 {2}	9.00	8.13	1581.4E6	1129.0E6	499.041	712.487 #
35) L8 Aroclor-1260 {3}	9.48	9.72	5114.5E6	1017.5E6	619.726	768.061
36) L8 Aroclor-1260 {4}	9.96	10.23	2146.1E6	1883.0E6	519.284	652.472 #
37) L8 Aroclor-1260 {5}	11.02	10.81	1118.9E6	1424.5E6	664.814	700.858
Sum Aroclor-1260			15415.6E6	7176.9E6	3053.838	4435.977
Average Aroclor-1260					610.768	887.195
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8201.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 22:04
Operator : YG
Sample : R-39_(2.0-,07487-014,S,5.26g,13.6,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,10
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 09:46:44 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2

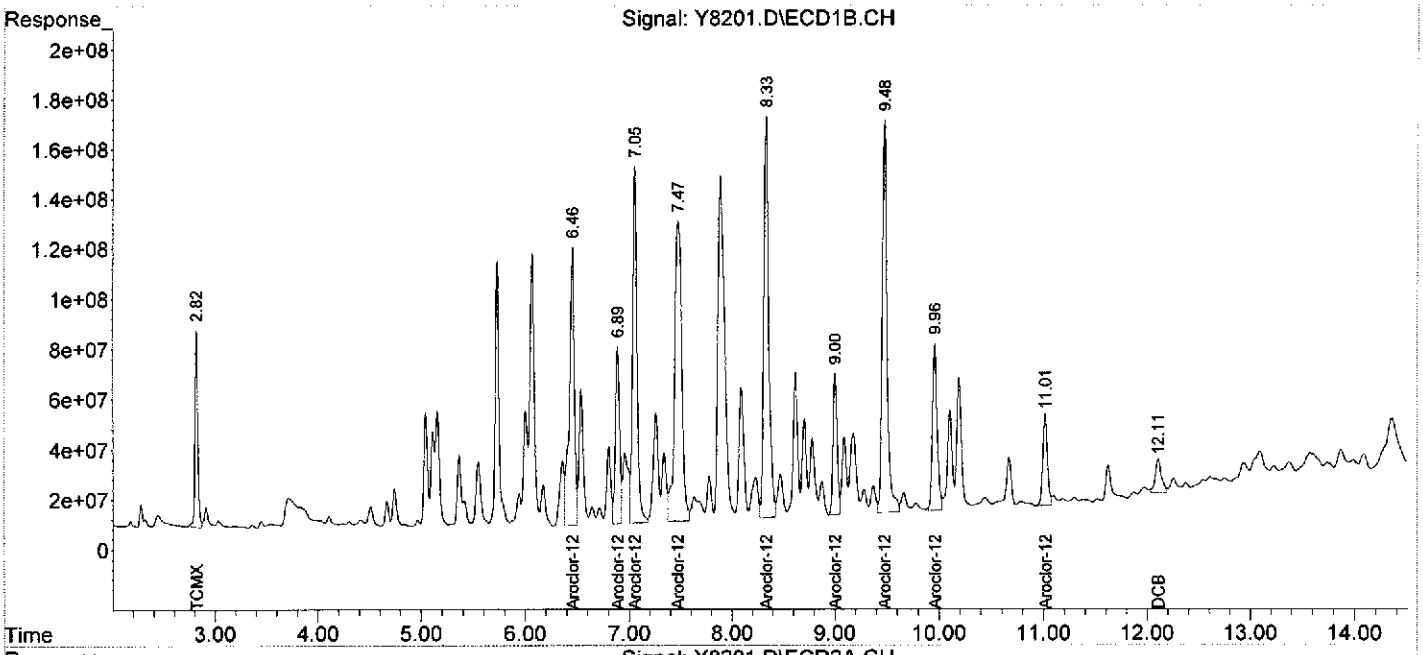
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

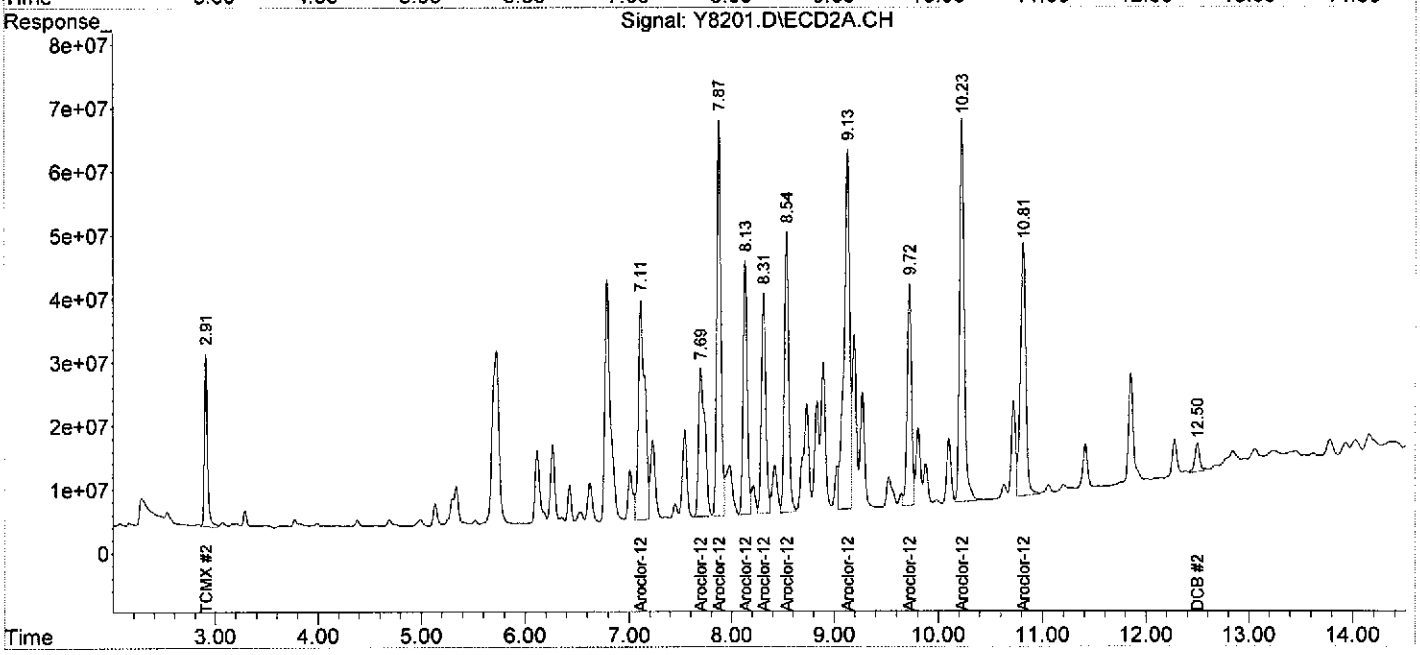
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8201.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 22:04
Operator : YG
Sample : R-39_(2.0-,07487-014,S,5.26g,13.6,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,10
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 09:46:44 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8202.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 22:21
Operator : YG
Sample : R-39_(3.0-,07487-015,S,5.27g,20.3,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,100
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 09:49:04 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.33	7.87	4481.3E6	2089.2E6	616.956	1942.726m#
34) L8 Aroclor-1260 {2}	9.00	8.13	3866.2E6	2344.9E6	1220.018	1479.797
35) L8 Aroclor-1260 {3}	9.48	9.72	11681.0E6	2476.8E6	1415.402	1869.563m#
36) L8 Aroclor-1260 {4}	9.96	10.22	4452.8E6	5600.5E6	1077.433	1940.637m#
37) L8 Aroclor-1260 {5}	11.01	10.81	3129.3E6	3855.7E6	1859.362	1897.007m
Sum Aroclor-1260			27610.6E6	16367.1E6	6189.170	9129.731
Average Aroclor-1260					1237.834	1825.946
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

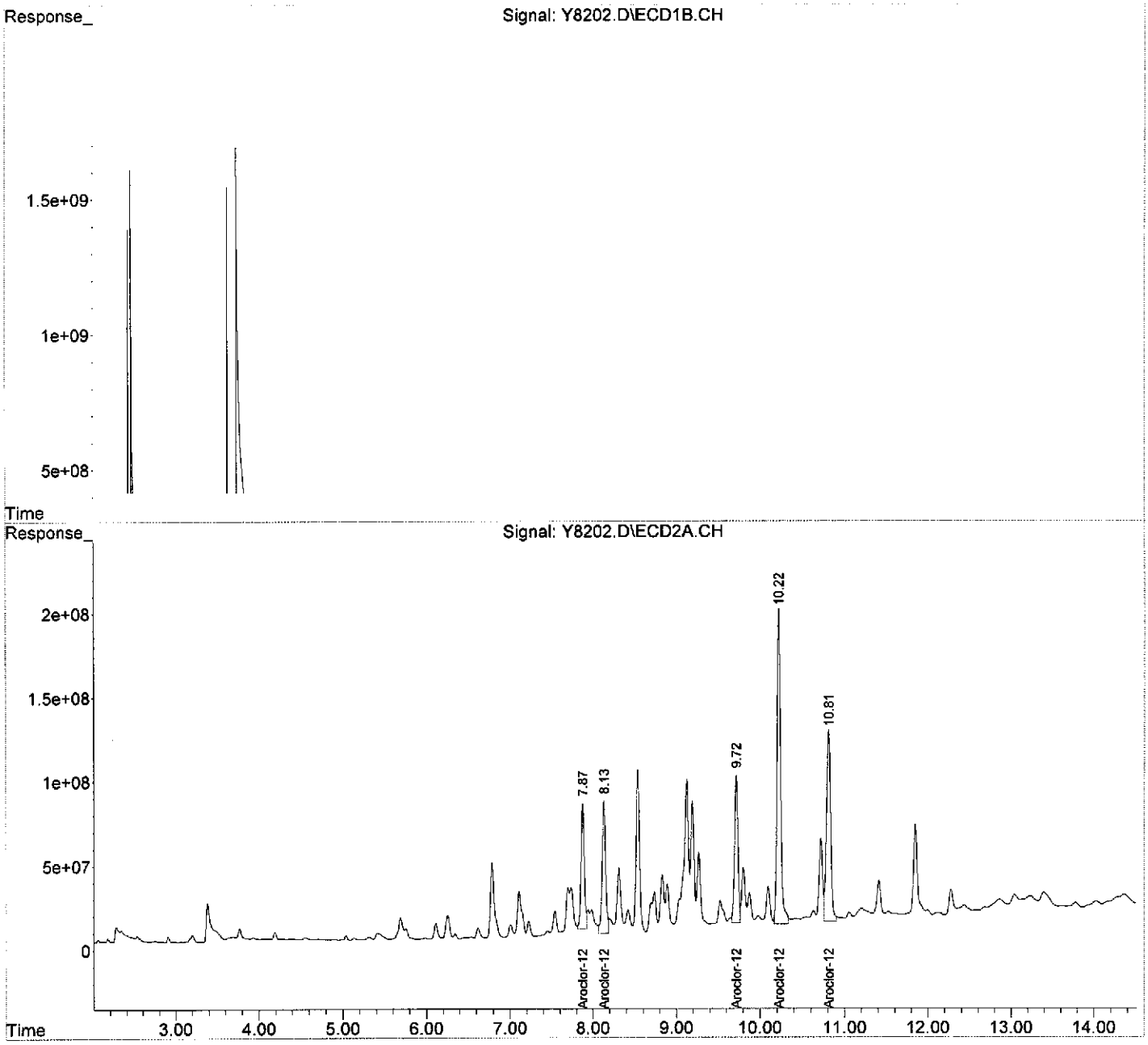
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

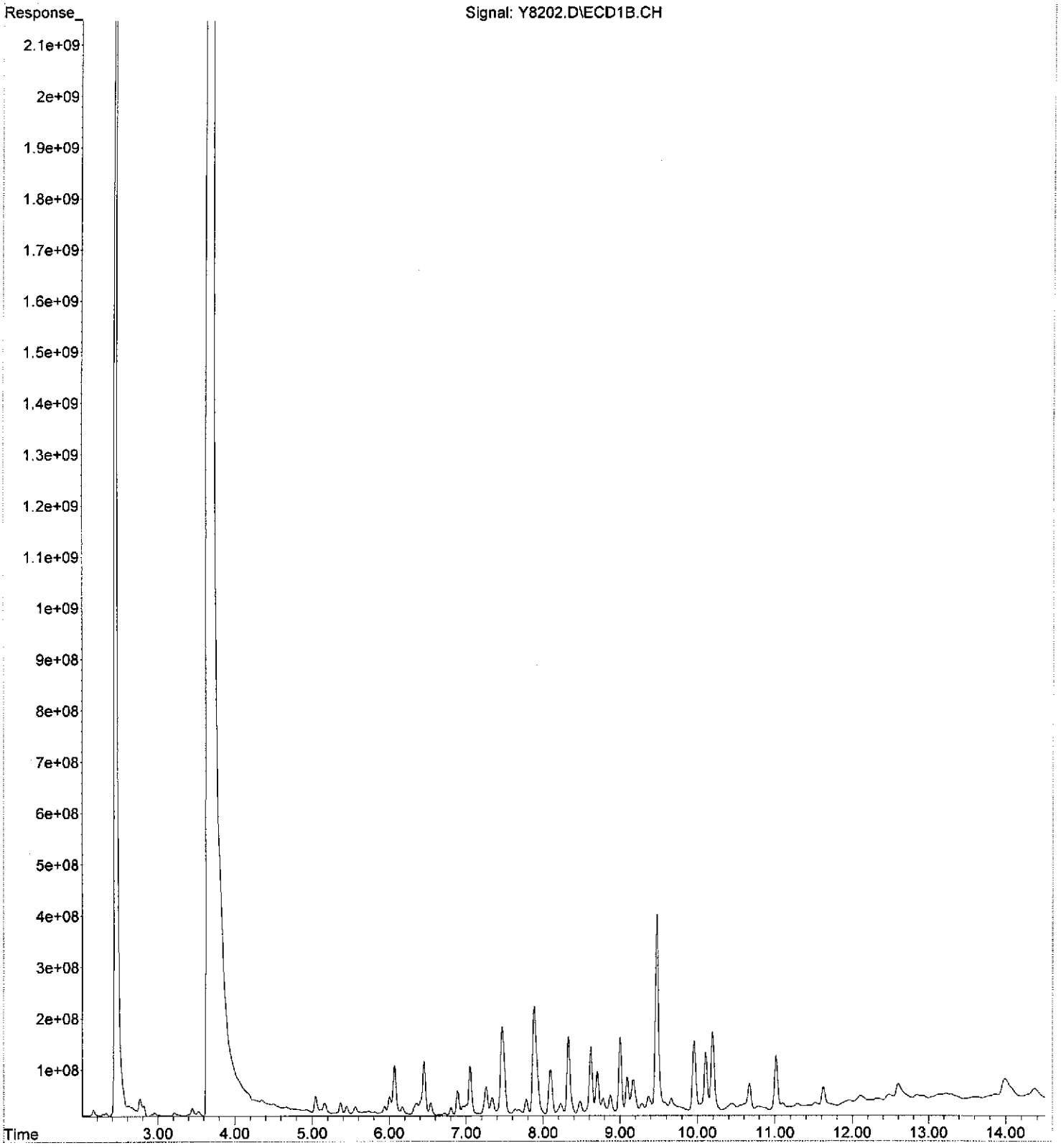
Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8202.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 22:21
Operator : YG
Sample : R-39_(3.0-,07487-015,S,5.27g,20.3,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,100
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 09:49:04 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



File :C:\MSDChem\1\DATA\08-08-12\Y8202.D
Operator : YG
Acquired : 08 Aug 2012 22:21 using AcqMethod YPCB0727.M
Instrument : GC_Y
Sample Name: R-39_(3.0-,07487-015,S,5.27g,20.3,08/01/12,4
Misc Info : 120801-10,07/25/12,07/25/12,100
Vial Number: 7



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8188.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 15:20
Operator : YG
Sample : R-39_(4.5-,07487-016,S,5.67g,65.4,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,1
ALS Vial : 83 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:32:59 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.83	2.92	16247.0E6	7287.8E6	170.894	208.506
Spiked Amount 200.000			Recovery	=	85.45%	104.25%
2) S DCB	12.11	12.50	3652.6E6	1360.7E6	177.239m	158.344m
Spiked Amount 200.000			Recovery	=	88.62%	79.17%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	6.47	7.12	976.8E6	323.1E6	165.823m	149.096m
29) L7 Aroclor-1254 {2}	6.90	7.71	453.7E6	183.2E6	116.954m	107.257m
30) L7 Aroclor-1254 {3}	7.06	8.32	932.9E6	262.1E6	125.866m	155.612m
31) L7 Aroclor-1254 {4}	7.49	8.55	1477.5E6	407.2E6	192.129m	422.360 #
32) L7 Aroclor-1254 {5}	8.34	9.13	1001.0E6	323.2E6	145.071m	135.201m
Sum Aroclor-1254			4842.0E6	1498.8E6	745.844	969.526
Average Aroclor-1254					149.169	193.905
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

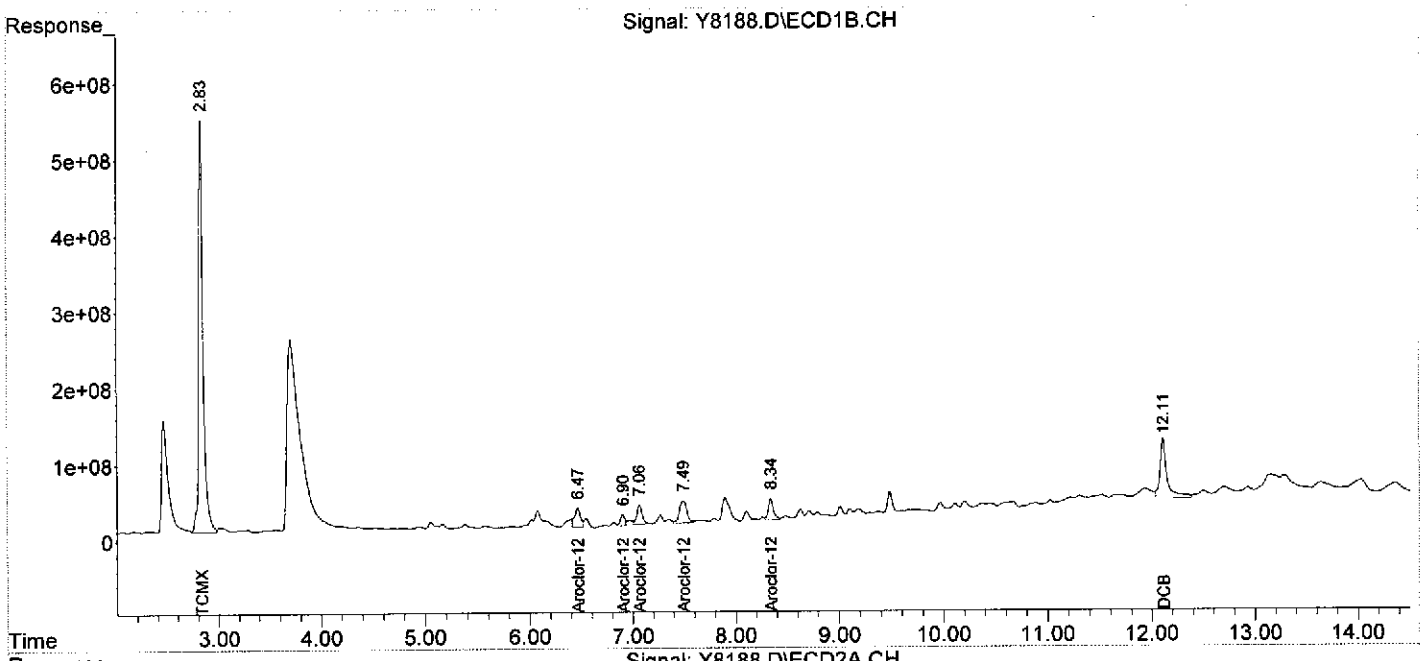
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

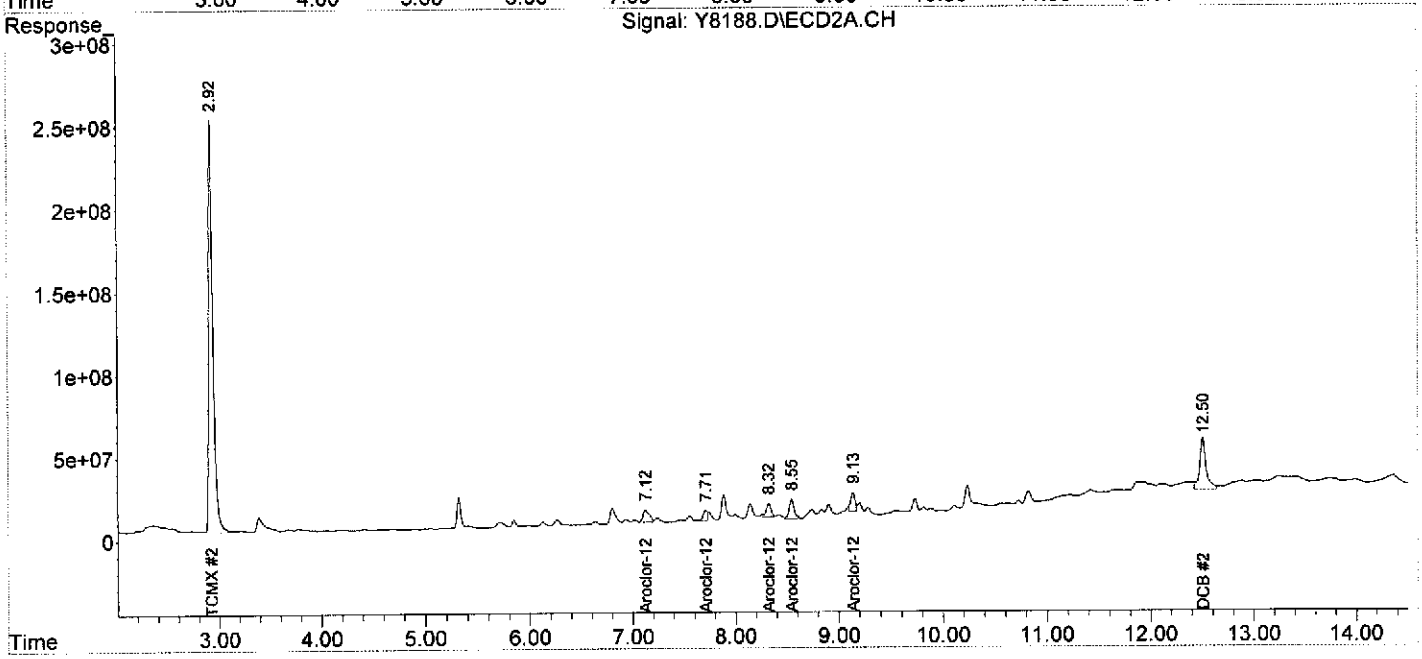
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8188.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 15:20
Operator : YG
Sample : R-39_(4.5-,07487-016,S,5.67g,65.4,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,1
ALS Vial : 83 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:32:59 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8189.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 15:37
Operator : YG
Sample : R-39_(5.0-,07487-017,S,5.24g,29.9,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,1
ALS Vial : 84 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:34:25 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.83	2.92	15554.1E6	6532.0E6	163.605	186.882
Spiked Amount 200.000			Recovery	=	81.80%	93.44%
2) S DCB	12.11	12.50	2335.0E6	1285.4E6	113.304	149.584 #
Spiked Amount 200.000			Recovery	=	56.65%	74.79%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	6.47	7.12	525.4E6	120.4E6	89.185	55.571m#
29) L7 Aroclor-1254 {2}	6.90	7.71	201.6E6	72846927	51.971	42.645m
30) L7 Aroclor-1254 {3}	7.07	8.32	447.6E6	106.6E6	60.384	63.280m
31) L7 Aroclor-1254 {4}	7.48	8.55	573.1E6	176.4E6	74.521m	182.934m#
32) L7 Aroclor-1254 {5}	8.34	9.14	355.3E6	144.9E6	51.493	60.594m
Sum Aroclor-1254			2102.9E6	621.1E6	327.553	405.023
Average Aroclor-1254					65.511	81.005
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

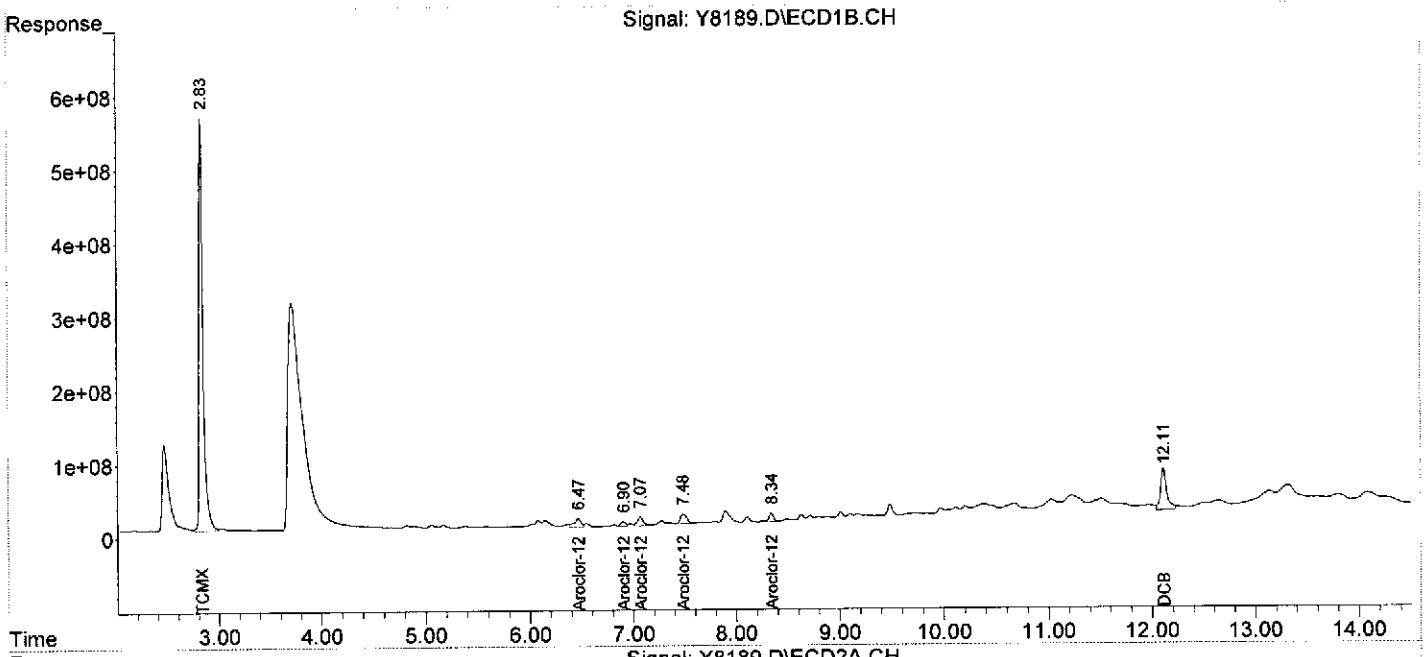
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

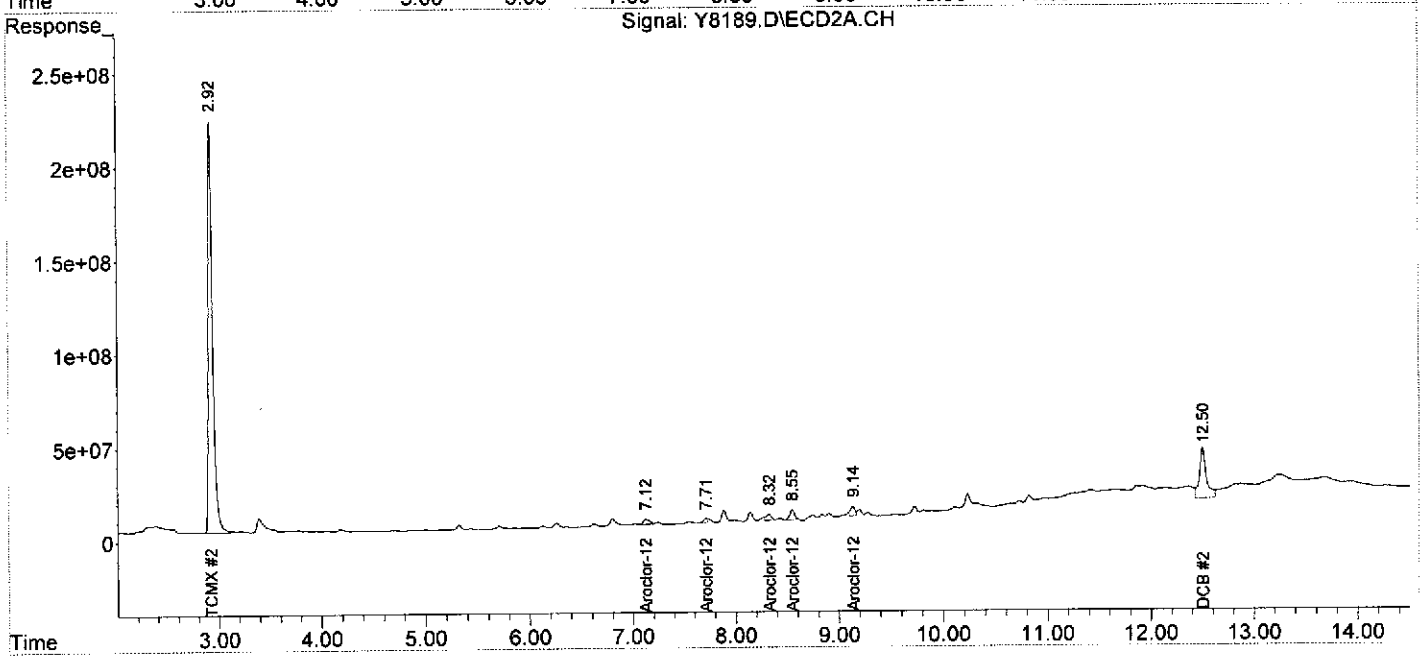
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8189.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 15:37
Operator : YG
Sample : R-39_(5.0-,07487-017,S,5.24g,29.9,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,1
ALS Vial : 84 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:34:25 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8190.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 15:55
Operator : YG
Sample : R-38_(0-2.,07487-018,S,5.42g,4.80,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,1
ALS Vial : 85 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:35:53 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.83	2.92	19325.1E6	6606.8E6	203.271	189.021
Spiked Amount 200.000			Recovery	=	101.64%	94.51%
2) S DCB	12.11	12.50	2231.6E6	943.7E6	108.286	109.822
Spiked Amount 200.000			Recovery	=	54.14%	54.91%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	6.47	7.12	572.3E6	271.6E6	97.160	125.339 #
29) L7 Aroclor-1254 {2}	6.90	7.71	317.6E6	180.2E6	81.872	105.498 #
30) L7 Aroclor-1254 {3}	7.07	8.32	732.3E6	177.1E6	98.804	105.148
31) L7 Aroclor-1254 {4}	7.48	8.55	1303.6E6	336.0E6	169.513	348.484 #
32) L7 Aroclor-1254 {5}	8.34	9.14	1211.7E6	289.0E6	175.605	120.881m#
Sum Aroclor-1254			4137.6E6	1253.9E6	622.954	805.350
Average Aroclor-1254					124.591	161.070
33) L8 Aroclor-1260	8.34	7.89	1211.7E6	366.5E6	166.817	340.769 #
34) L8 Aroclor-1260 {2}	9.01	8.14	536.1E6	302.2E6	169.162	190.731
35) L8 Aroclor-1260 {3}	9.49	9.73	1238.4E6	247.6E6	150.056	186.871
36) L8 Aroclor-1260 {4}	9.97	10.23	523.9E6	542.1E6	126.778	187.846m#
37) L8 Aroclor-1260 {5}	11.02	10.82	379.5E6	303.4E6	225.518m	149.282m#
Sum Aroclor-1260			3889.6E6	1761.8E6	838.332	1055.498
Average Aroclor-1260					167.666	211.100
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8190.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 15:55
Operator : YG
Sample : R-38_(0-2.,07487-018,S,5.42g,4.80,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,1
ALS Vial : 85 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:35:53 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2

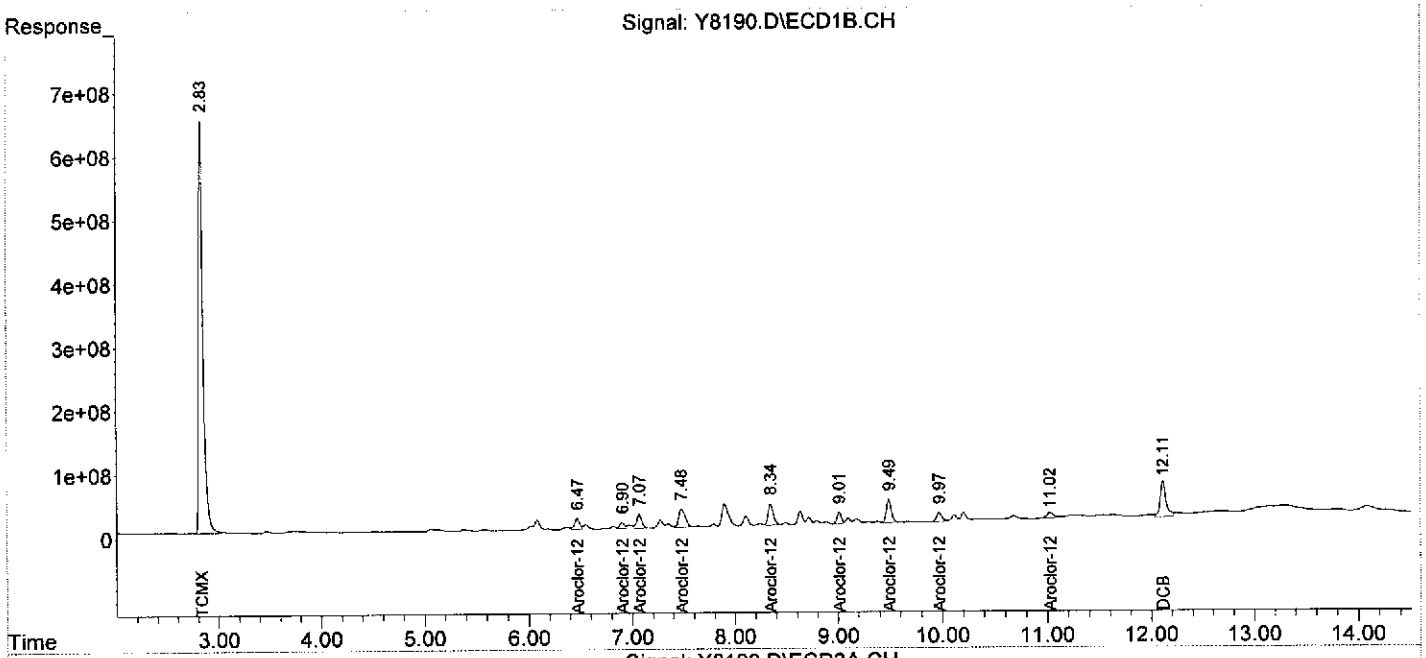
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

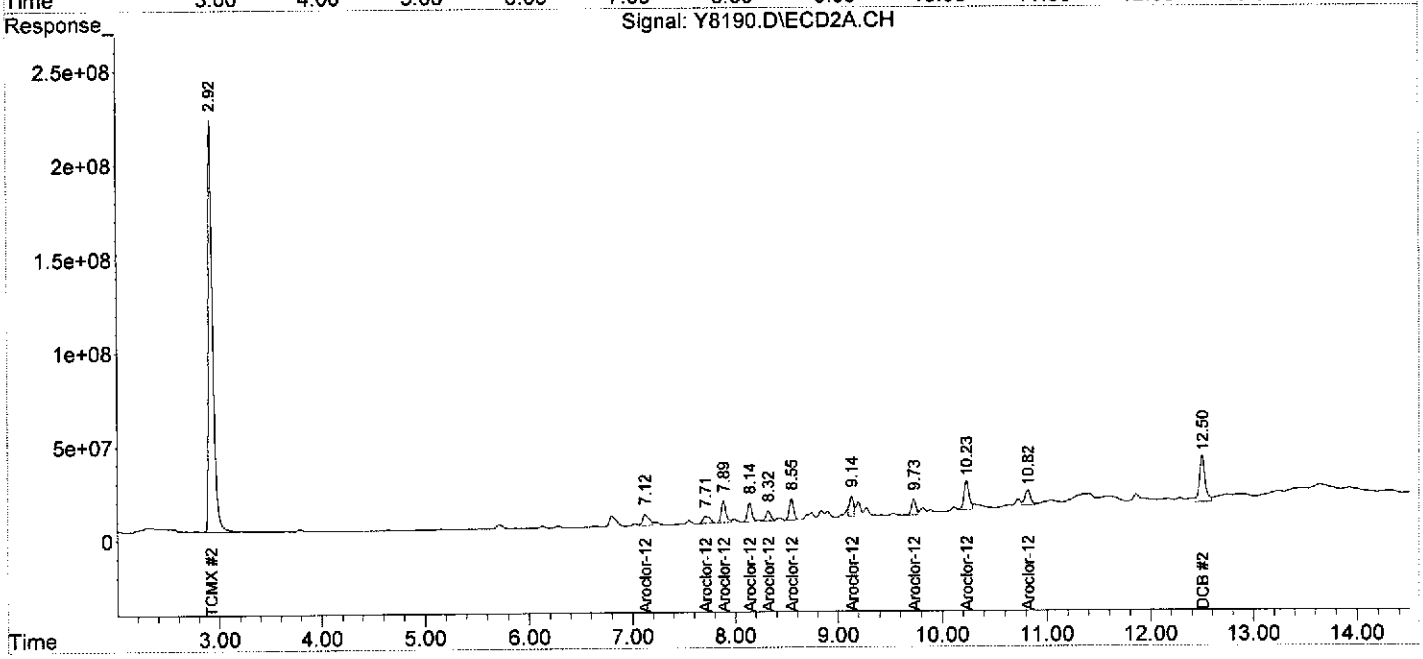
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8190.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 15:55
Operator : YG
Sample : R-38_(0-2.,07487-018,S,5.42g,4.80,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,1
ALS Vial : 85 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:35:53 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8203.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 22:38
Operator : YG
Sample : R-38_(2.0-,07487-019,S,5.55g,7.50,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,100
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 09:49:41 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	6.46	7.11	438.4E6	184.7E6	74.413	85.256
29) L7 Aroclor-1254 {2}	6.89	7.70	260.4E6	148.5E6	67.125	86.930 #
30) L7 Aroclor-1254 {3}	7.05	8.31	558.5E6	218.1E6	75.348	129.503m#
31) L7 Aroclor-1254 {4}	7.49	8.54	594.3E6	194.7E6	77.277	201.972m#
32) L7 Aroclor-1254 {5}	8.33	9.13	533.5E6	180.2E6	77.321	75.351m
Sum Aroclor-1254			2385.0E6	926.2E6	371.484	579.012
Average Aroclor-1254					74.297	115.802
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

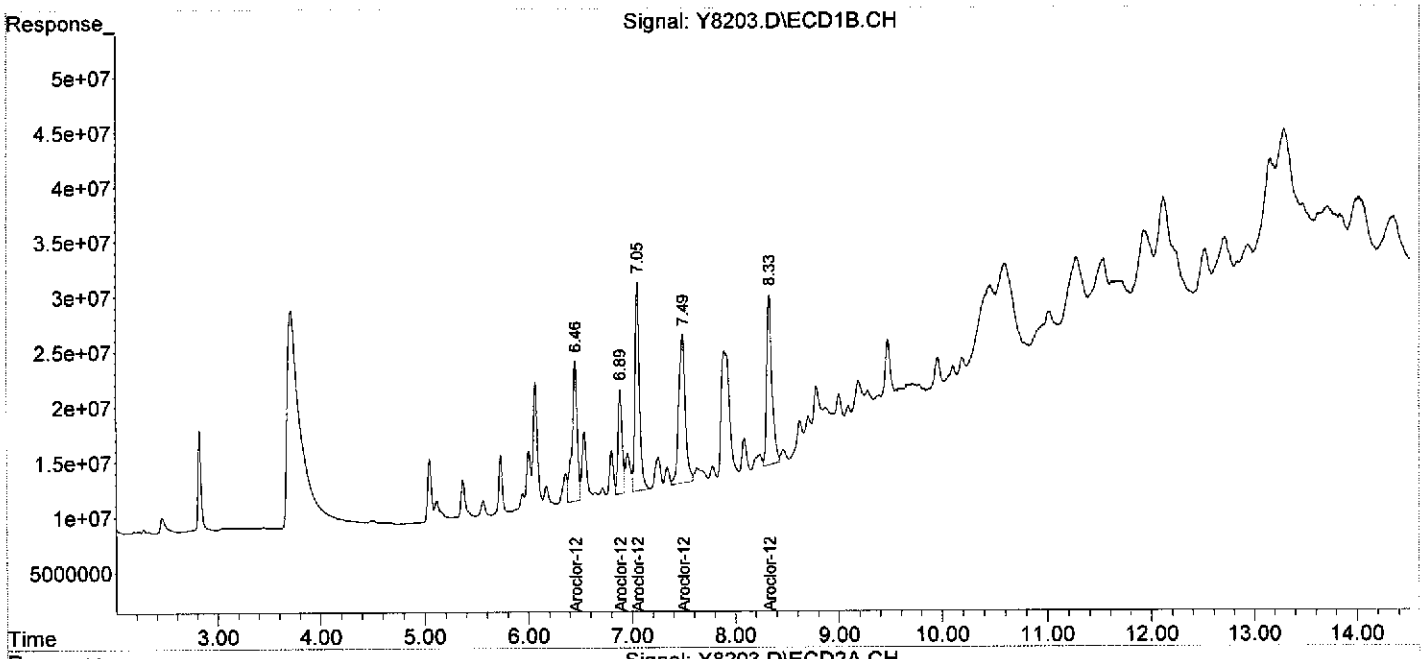
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

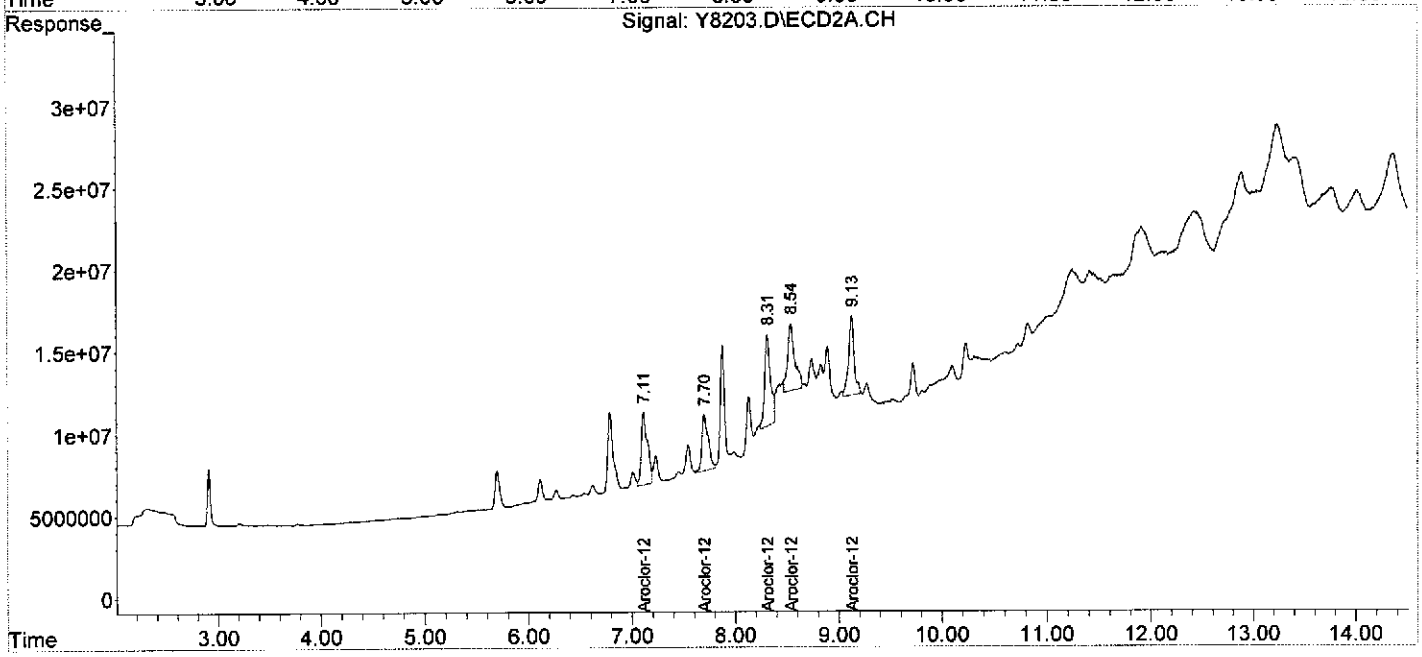
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8203.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 22:38
Operator : YG
Sample : R-38_(2.0-,07487-019,S,5.55g,7.50,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,100
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 09:49:41 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2609.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 3:49
Operator : YG
Sample : R-38_(3.0-,07487-020,S,5.09g,33.8,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,1000
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 09:54:59 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.26	8.76	3288.2E6	2616.7E6	234.537	414.336 #
34) L8 Aroclor-1260 {2}	9.94	9.16	3235.6E6	3083.7E6	436.338	422.513
35) L8 Aroclor-1260 {3}	10.42	10.36	11927.0E6	2659.8E6	476.917	527.739
36) L8 Aroclor-1260 {4}	10.91	10.87	3496.1E6	5076.1E6	336.410m	506.131 #
37) L8 Aroclor-1260 {5}	11.98	11.47	2247.8E6	3773.4E6	484.187m	464.540
Sum Aroclor-1260			24194.7E6	17209.8E6	1968.389	2335.258
Average Aroclor-1260					393.678	467.052
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

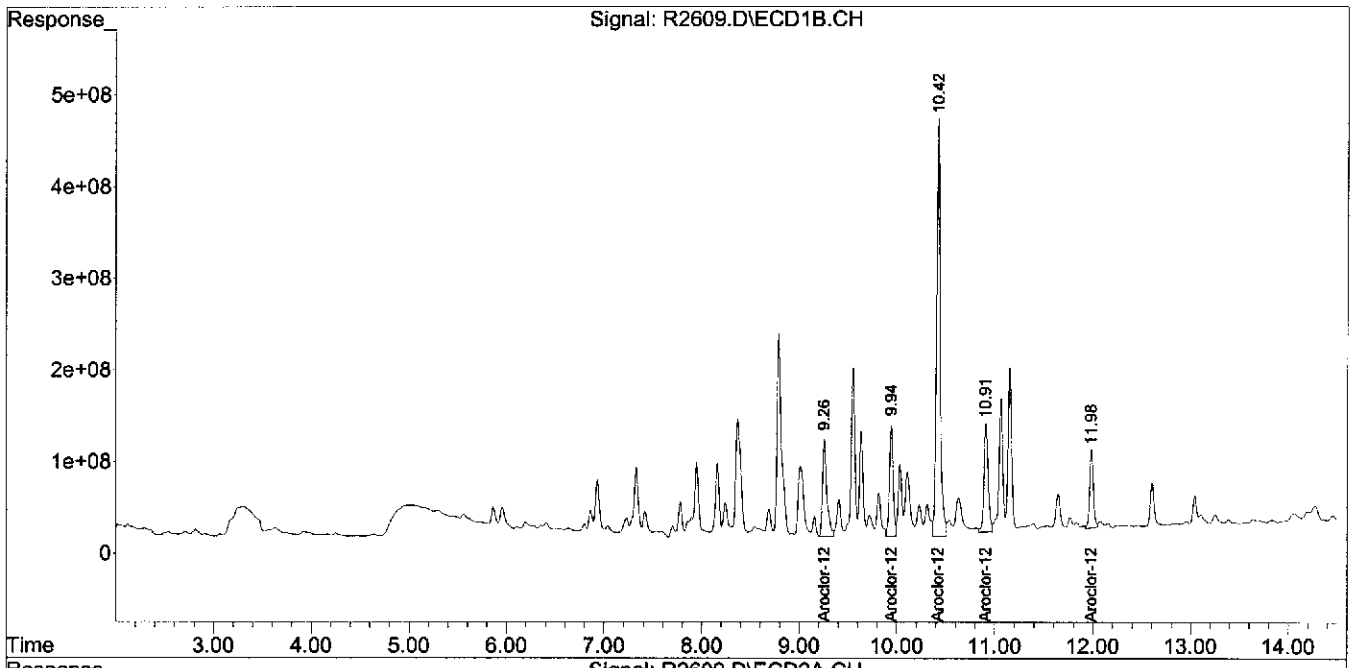
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

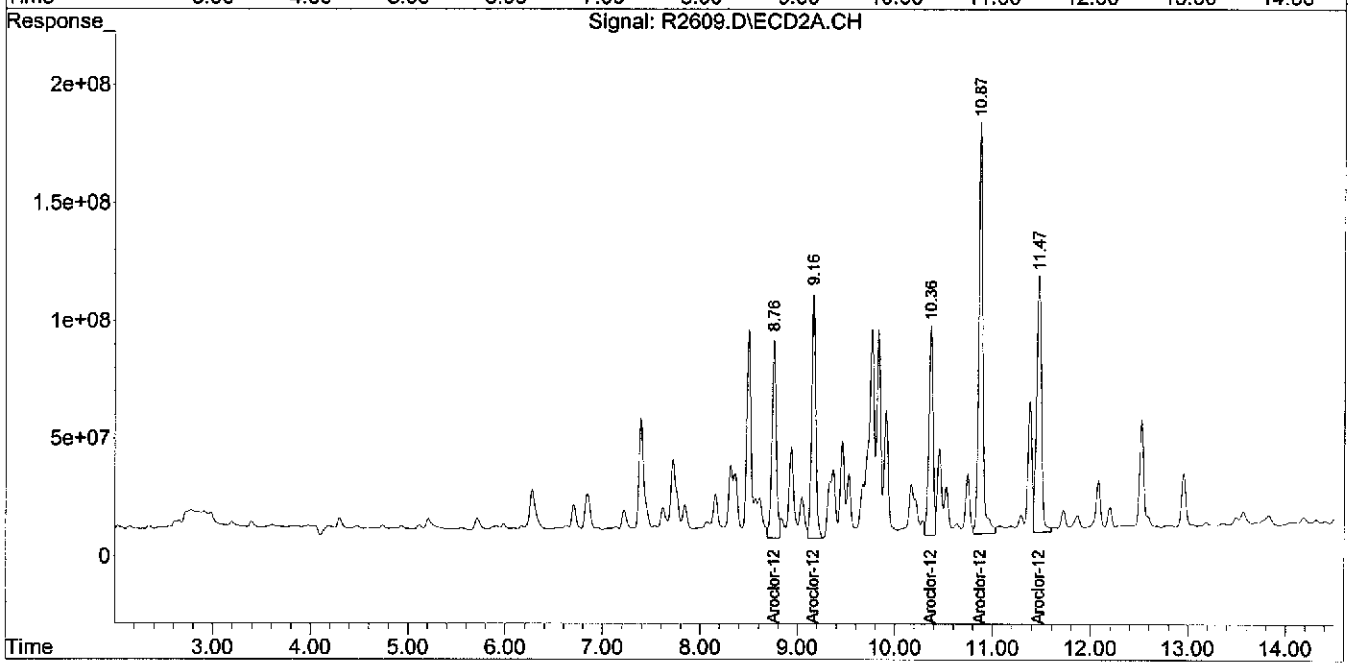
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2609.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 3:49
Operator : YG
Sample : R-38_(3.0-,07487-020,S,5.09g,33.8,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,1000
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 09:54:59 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2610.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 4:07
Operator : YG
Sample : R-38_(4.0-,07487-021,S,5.19g,78.5,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,1
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 09:58:13 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.48	3.40	30706.3E6	34503.5E6	178.715	239.691 #
Spiked Amount 200.000			Recovery	=	89.36%	119.85%
2) S DCB	13.10	13.18	9587.0E6	6375.5E6	164.233	159.165
Spiked Amount 200.000			Recovery	=	82.12%	79.58%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.26	8.75	3360.8E6	1916.7E6	239.714	303.500 #
34) L8 Aroclor-1260 {2}	9.94	9.16	2709.9E6	2582.9E6	365.449	353.898
35) L8 Aroclor-1260 {3}	10.42	10.37	8537.8E6	2000.5E6	341.395	396.912
36) L8 Aroclor-1260 {4}	10.92	10.87	2857.7E6	4966.0E6	274.981	495.152 #
37) L8 Aroclor-1260 {5}	11.99	11.47	1947.8E6	3181.2E6	419.574m	391.634
Sum Aroclor-1260			19414.1E6	14647.3E6	1641.113	1941.095
Average Aroclor-1260					328.223	388.219
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

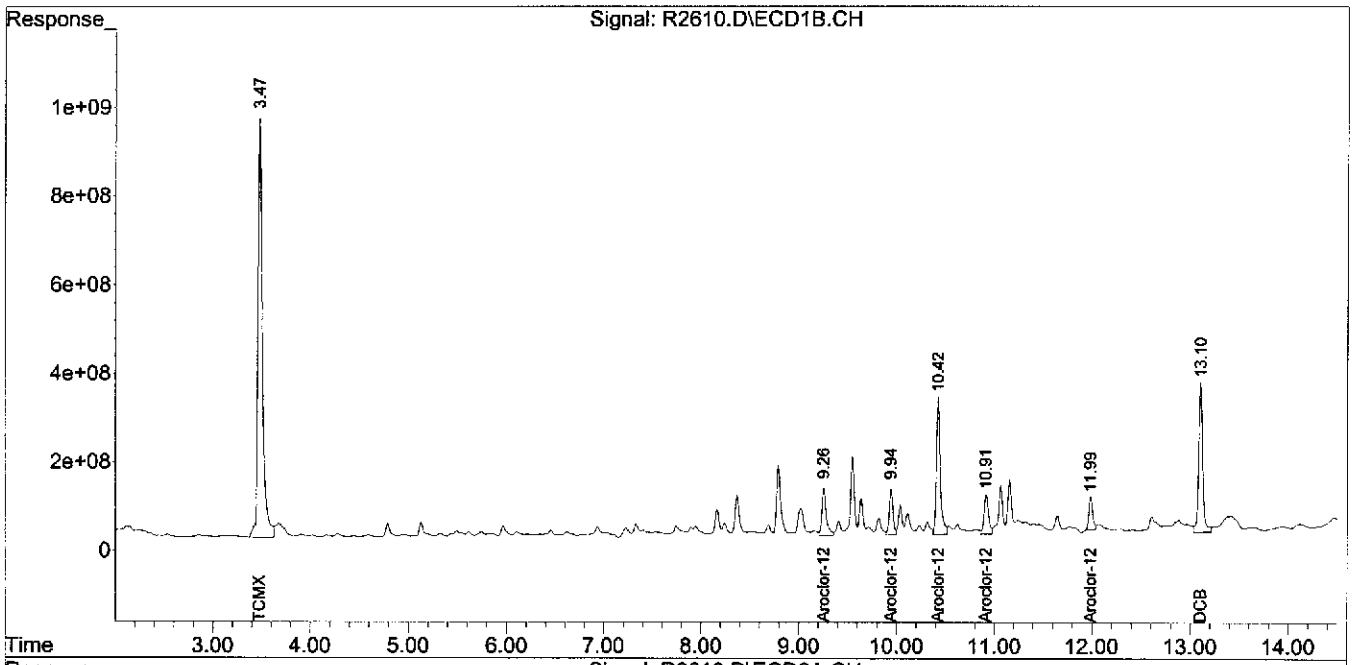
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

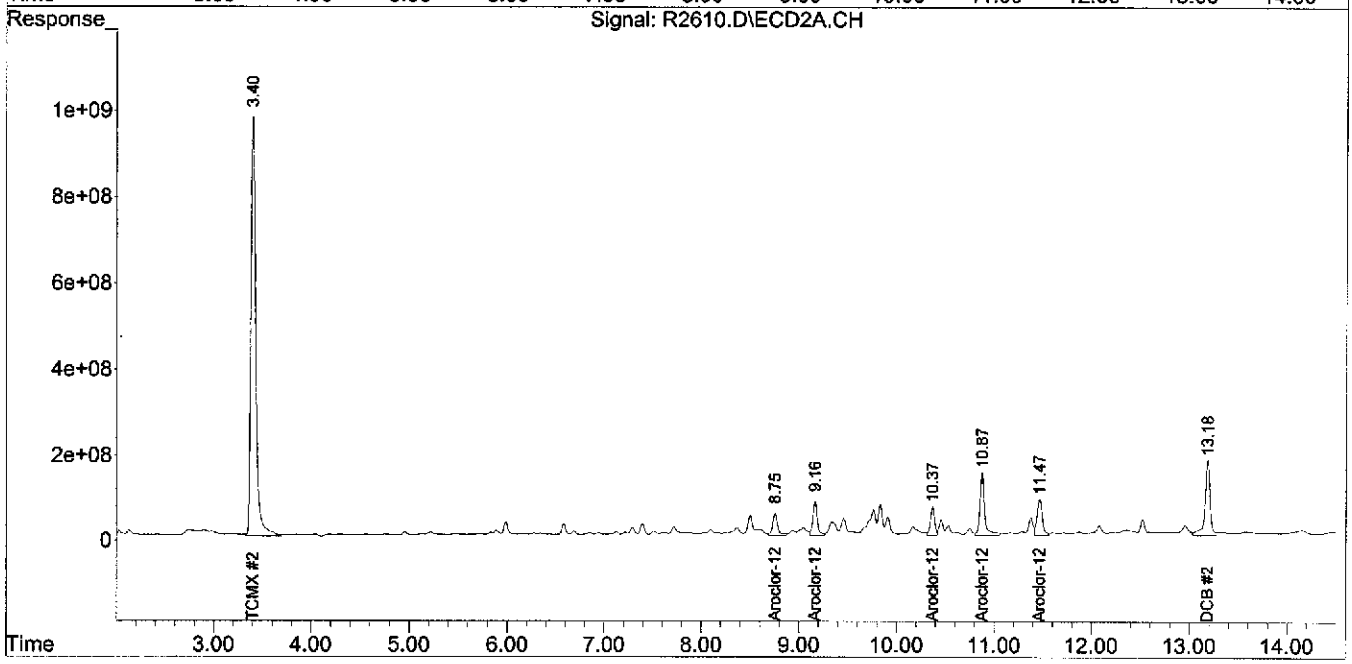
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2610.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 4:07
Operator : YG
Sample : R-38_(4.0-,07487-021,S,5.19g,78.5,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,1
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 09:58:13 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2611.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 4:24
Operator : YG
Sample : R-38_(4.75,07487-022,S,5.20g,20.2,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,1
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 09:57:11 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.48	3.39	37511.8E6	30918.0E6	218.323	214.783
Spiked Amount 200.000			Recovery	=	109.16%	107.39%
2) S DCB	13.10	13.18	8105.9E6	4575.4E6	138.862	114.225
Spiked Amount 200.000			Recovery	=	69.43%	57.11%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.26	8.76	486.5E6	197.8E6	34.700m	31.318m
34) L8 Aroclor-1260 {2}	9.94	9.16	203.0E6	284.4E6	27.375m	38.963m#
35) L8 Aroclor-1260 {3}	10.42	10.37	564.5E6	165.2E6	22.574m	32.772m#
36) L8 Aroclor-1260 {4}	10.91	10.88	339.2E6	321.9E6	32.636m	32.101m
37) L8 Aroclor-1260 {5}	11.98	11.47	156.3E6	178.1E6	33.670m	21.920m#
Sum Aroclor-1260			1749.5E6	1147.3E6	150.954	157.073
Average Aroclor-1260					30.191	31.415
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

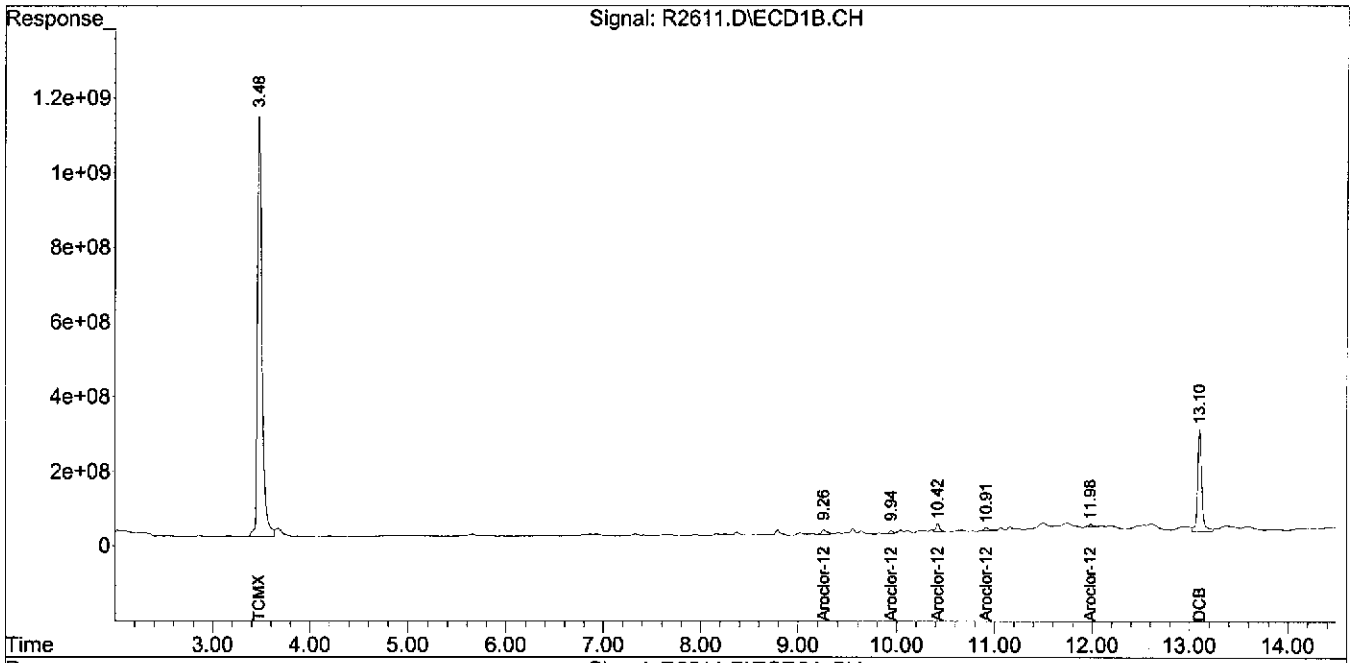
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

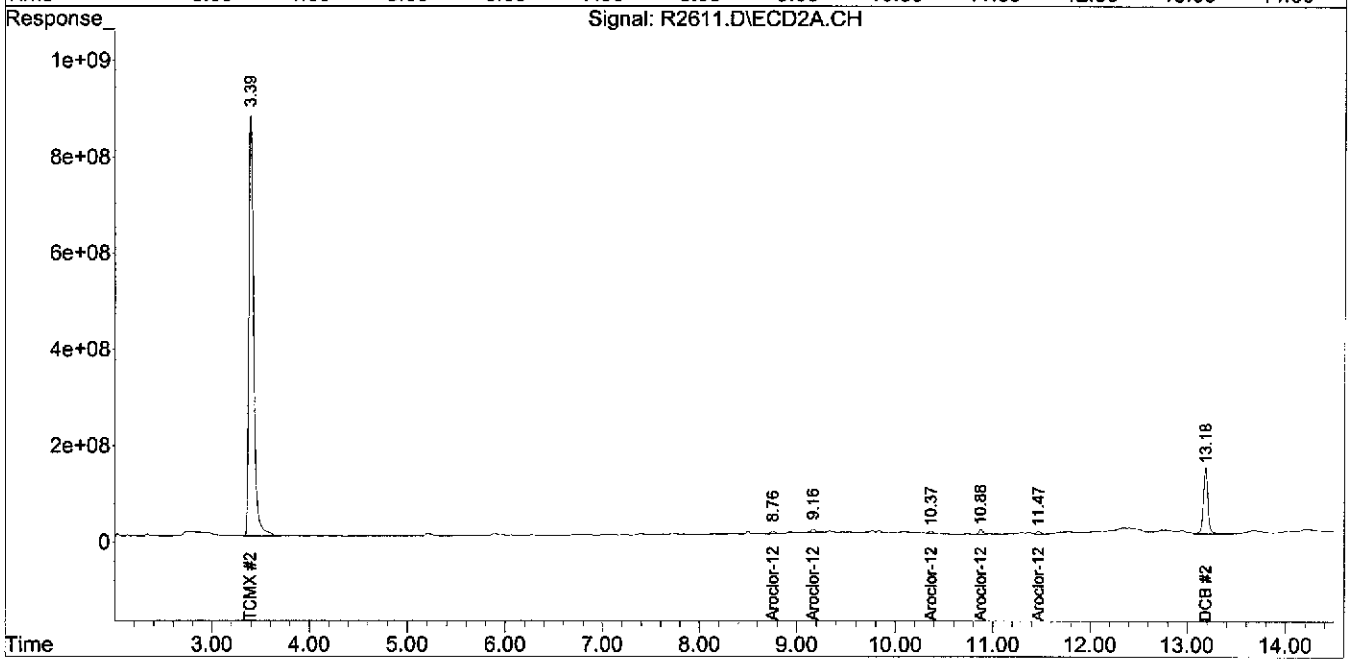
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2611.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 4:24
Operator : YG
Sample : R-38_(4.75,07487-022,S,5.20g,20.2,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,1
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 09:57:11 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-09-12\
Data File : R2638.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 18:16
Operator : YG
Sample : R-37_(0-2.,07487-023,S,5.23g,14.2,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,100
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:43:50 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.30	5.70	2423.7E6	1667.5E6	318.177	298.585
24) L6 Aroclor-1248 {2}	5.86	6.30	1274.4E6	2293.6E6	297.070	287.223
25) L6 Aroclor-1248 {3}	6.20	6.71	1787.7E6	1928.4E6	325.445	323.108
26) L6 Aroclor-1248 {4}	6.93	6.86	3901.0E6	1472.0E6	457.857	288.291 #
27) L6 Aroclor-1248 {5}	7.21	7.22	2857.7E6	961.9E6	399.173	333.082
Sum Aroclor-1248			12244.4E6	8323.4E6	1797.723	1530.288
Average Aroclor-1248					359.545	306.058
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.25	8.76	2837.7E6	1027.2E6	202.400m	162.652
34) L8 Aroclor-1260 {2}	9.94	9.17	735.2E6	698.6E6	99.148m	95.723
35) L8 Aroclor-1260 {3}	10.42	10.37	2158.7E6	509.6E6	86.317m	101.120
36) L8 Aroclor-1260 {4}	10.91	10.88	809.1E6	850.7E6	77.854m	84.820
37) L8 Aroclor-1260 {5}	11.98	11.47	462.3E6	560.3E6	99.594m	68.977 #
Sum Aroclor-1260			7003.0E6	3646.5E6	565.313	513.292
Average Aroclor-1260					113.063	102.658
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

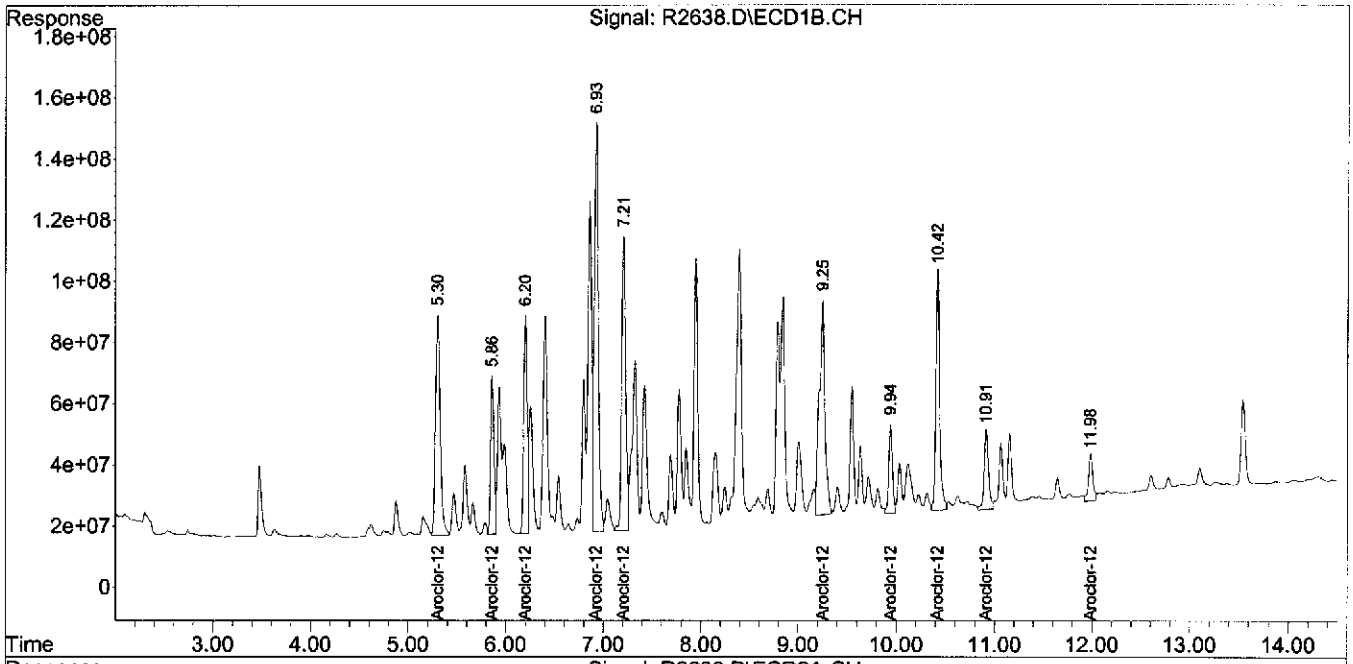
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

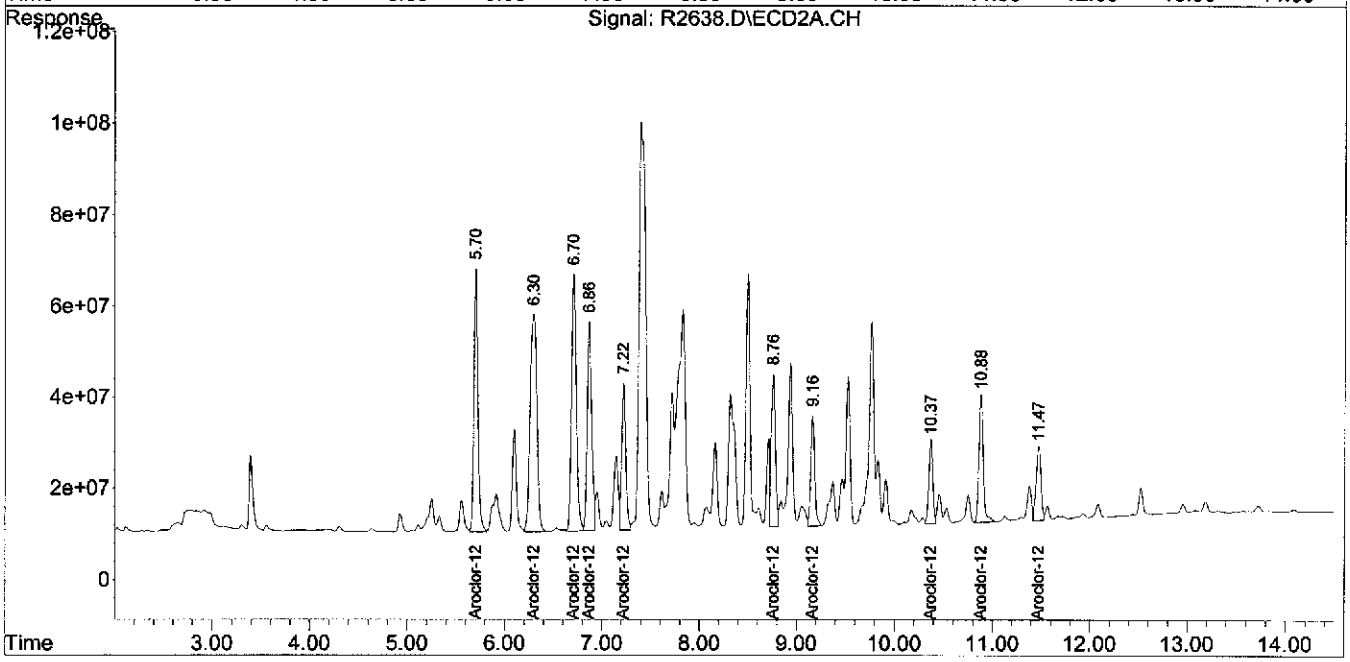
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-09-12\
Data File : R2638.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 18:16
Operator : YG
Sample : R-37_(0-2.,07487-023,S,5.23g,14.2,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,100
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:43:50 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-09-12\
Data File : R2639.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 18:33
Operator : YG
Sample : R-37_(2.0-,07487-024,S,5.23g,10.2,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,1
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:44:41 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.48	3.39	36954.0E6	28897.9E6	215.077	200.749
Spiked Amount 200.000			Recovery	=	107.54%	100.37%
2) S DCB	13.10	13.18	10779.4E6	4091.5E6	184.660	102.144 #
Spiked Amount 200.000			Recovery	=	92.33%	51.07%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.26	8.76	781.8E6	362.7E6	55.763m	57.431
34) L8 Aroclor-1260 {2}	9.94	9.16	464.4E6	411.2E6	62.627m	56.338
35) L8 Aroclor-1260 {3}	10.42	10.37	1605.7E6	295.3E6	64.204m	58.588
36) L8 Aroclor-1260 {4}	10.91	10.87	452.7E6	659.7E6	43.562m	65.776 #
37) L8 Aroclor-1260 {5}	11.98	11.47	394.1E6	529.9E6	84.889m	65.232
Sum Aroclor-1260			3698.6E6	2258.7E6	311.045	303.366
Average Aroclor-1260					62.209	60.673
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

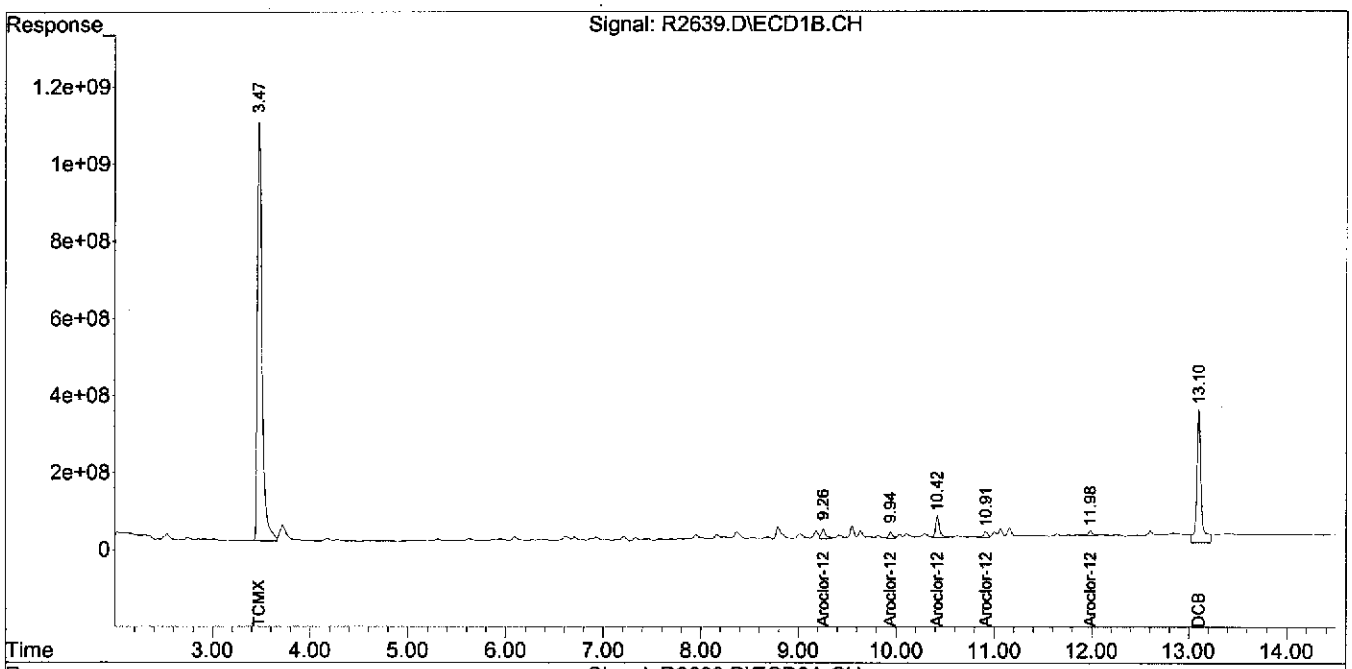
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

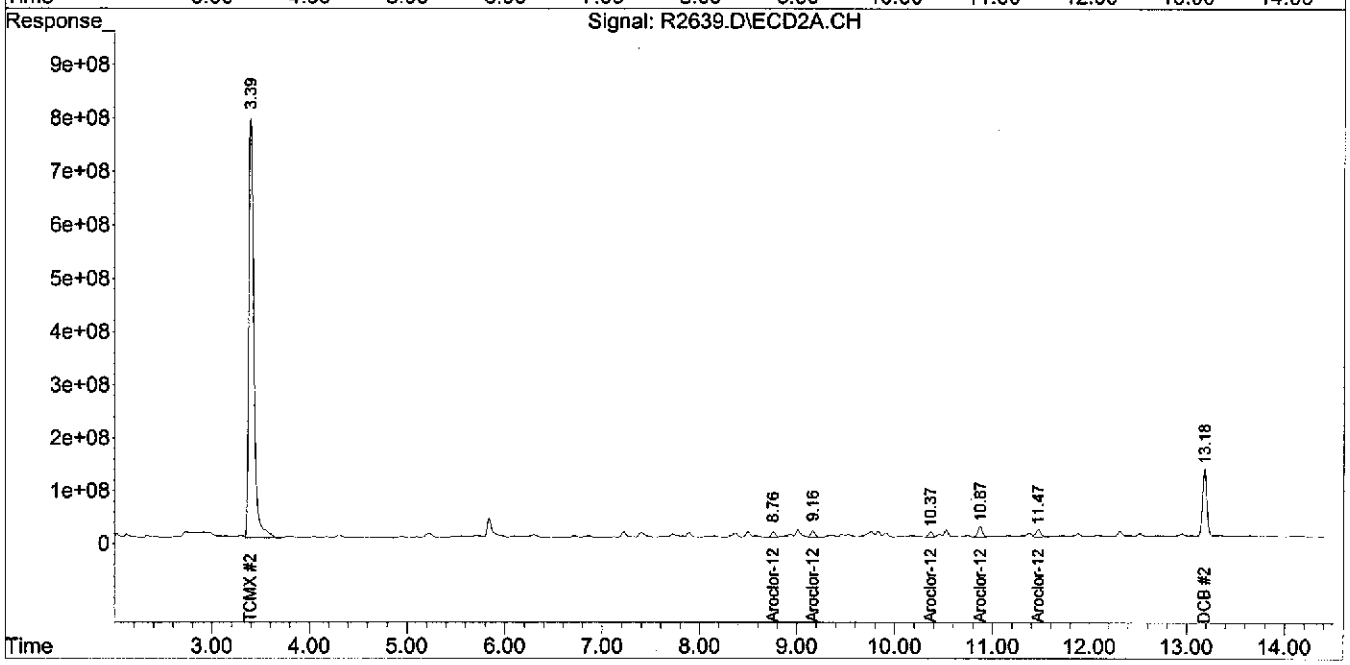
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-09-12\
Data File : R2639.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 18:33
Operator : YG
Sample : R-37_(2.0-,07487-024,S,5.23g,10.2,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,1
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:44:41 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-09-12\
Data File : R2640.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 18:50
Operator : YG
Sample : R-37_(4.0-,07487-025,S,5.17g,57.3,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,1
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:46:13 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.48	3.39	49732.6E6	36638.9E6	289.450	254.525
Spiked Amount 200.000			Recovery	=	144.72%	127.26%
2) S DCB	13.10	13.18	13102.2E6	5414.0E6	224.453	135.162 #
Spiked Amount 200.000			Recovery	=	112.23%	67.58%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.26	8.76	519.6E6	264.5E6	37.058m	41.873
34) L8 Aroclor-1260 {2}	9.94	9.16	378.6E6	265.3E6	51.057m	36.345m#
35) L8 Aroclor-1260 {3}	10.42	10.37	1125.1E6	228.3E6	44.989m	45.296m
36) L8 Aroclor-1260 {4}	10.91	10.87	370.4E6	479.8E6	35.646m	47.845m#
37) L8 Aroclor-1260 {5}	11.98	11.46	292.6E6	316.0E6	63.032m	38.899m#
Sum Aroclor-1260			2686.3E6	1553.8E6	231.783	210.259
Average Aroclor-1260					46.357	42.052
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

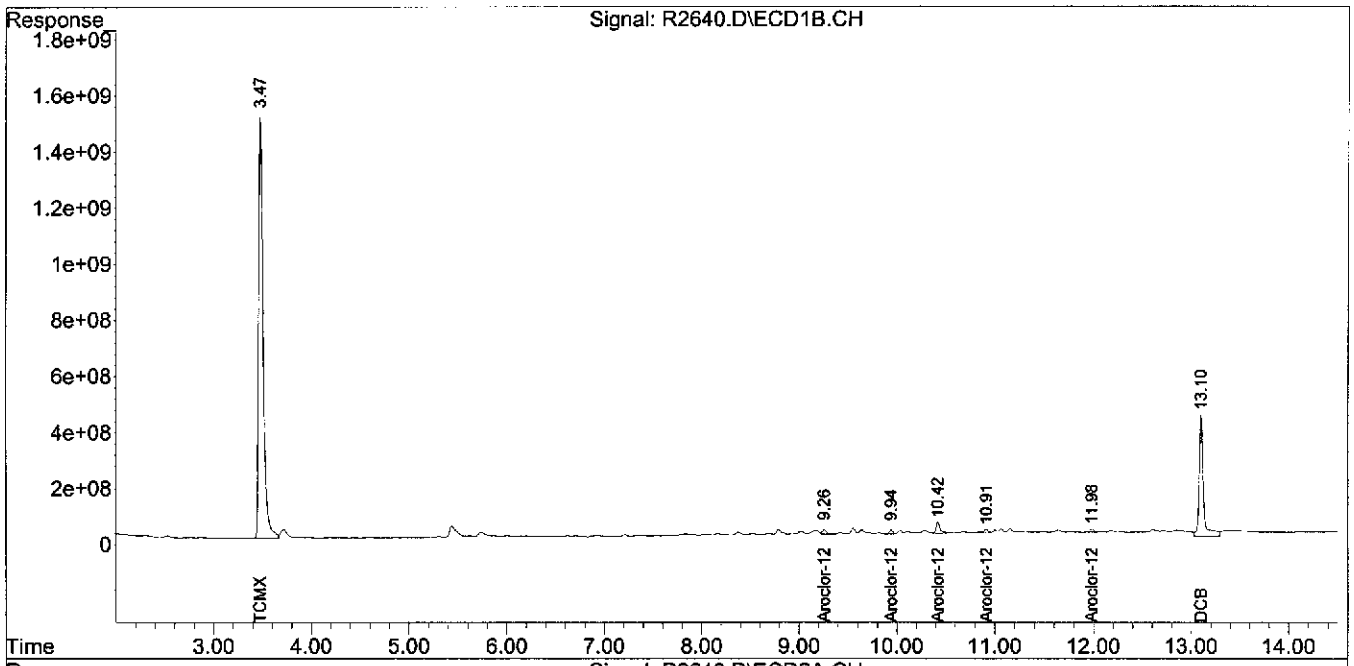
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

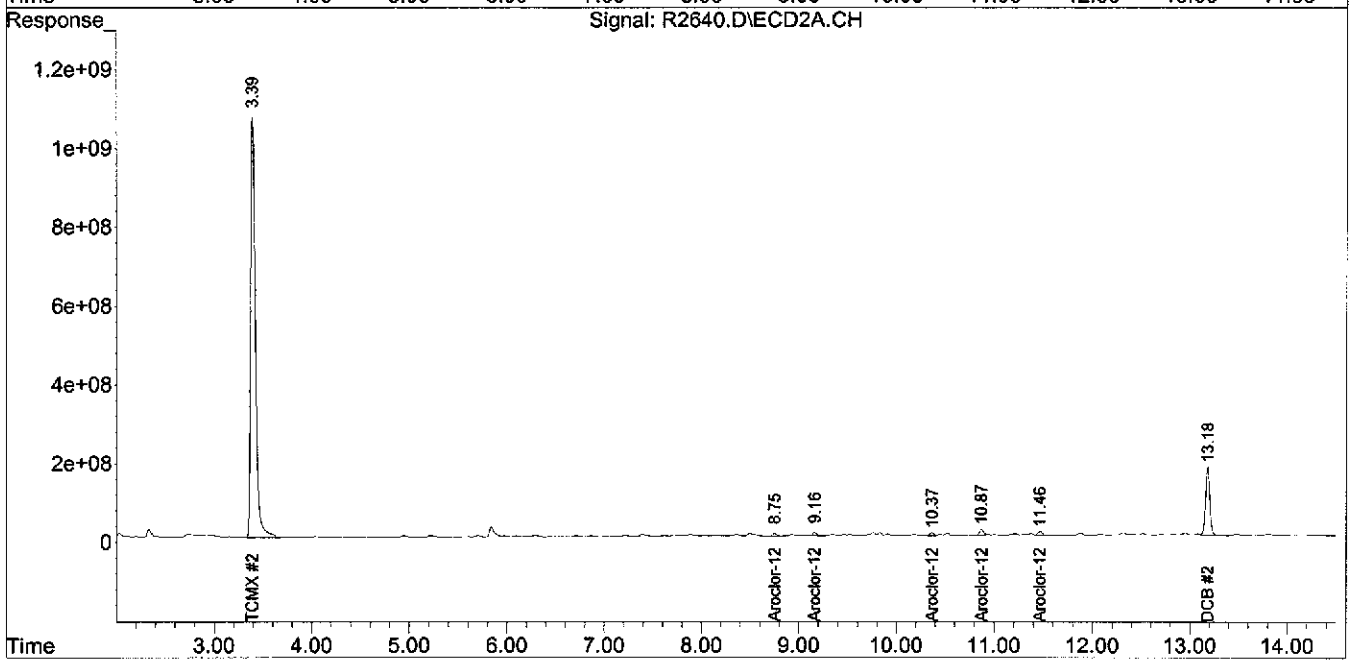
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-09-12\
Data File : R2640.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 18:50
Operator : YG
Sample : R-37_(4.0-,07487-025,S,5.17g,57.3,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,1
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:46:13 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2615.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 5:34
Operator : YG
Sample : R-37_(4.75,07487-026,S,5.25g,21.5,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,1
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 09:59:10 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.48	3.39	39448.7E6	29113.8E6	229.596	202.250
Spiked Amount 200.000			Recovery	=	114.80%	101.13%
2) S DCB	13.10	13.18	6849.1E6	5807.2E6	117.330	144.978
Spiked Amount 200.000			Recovery	=	58.66%	72.49%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

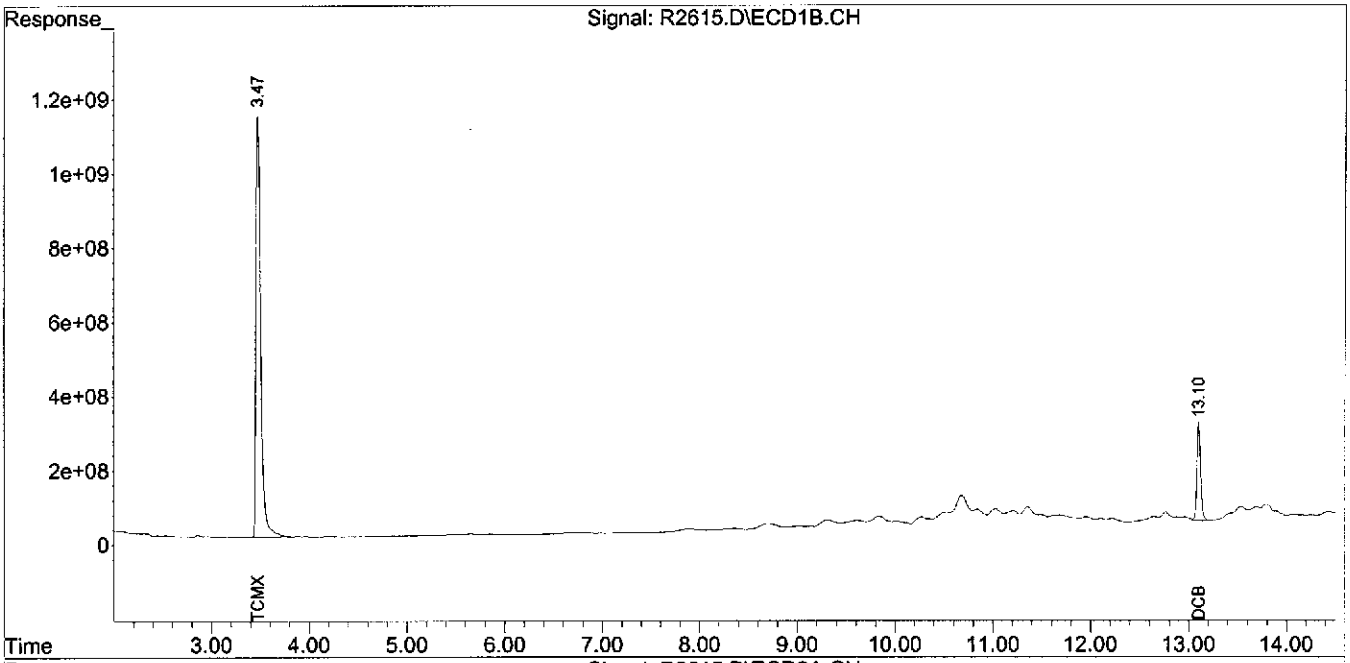
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

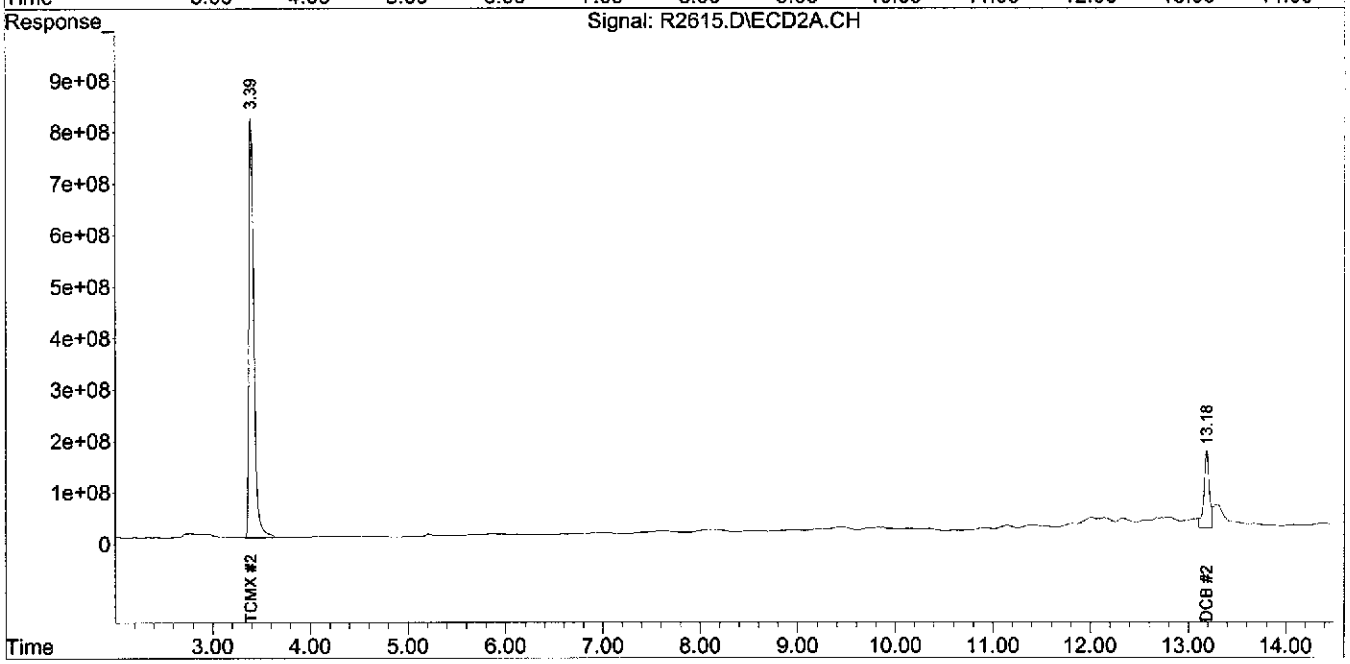
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2615.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 5:34
Operator : YG
Sample : R-37_(4.75,07487-026,S,5.25g,21.5,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,1
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 09:59:10 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : R2743.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Aug 2012 8:31
Operator : YG
Sample : R-36_(0-2.,07487-027,S,5.38g,8.80,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,10
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:51:47 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.48	3.39	4162.2E6	3356.8E6	24.224	23.319
Spiked Amount 200.000			Recovery	=	12.11%	11.66%
2) S DCB	13.10	13.18	610.0E6	601.5E6	10.450m	15.016m#
Spiked Amount 200.000			Recovery	=	5.22%	7.51%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.26	8.75	3486.8E6	1652.6E6	248.698m	261.675
34) L8 Aroclor-1260 {2}	9.95	9.16	2127.3E6	1874.0E6	286.883m	256.765
35) L8 Aroclor-1260 {3}	10.42	10.37	5972.6E6	1505.2E6	238.822m	298.646 #
36) L8 Aroclor-1260 {4}	10.91	10.87	1968.6E6	3291.7E6	189.426m	328.212m#
37) L8 Aroclor-1260 {5}	11.99	11.47	1207.3E6	1870.1E6	260.063m	230.224m
Sum Aroclor-1260			14762.6E6	10193.6E6	1223.891	1375.522
Average Aroclor-1260					244.778	275.104
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

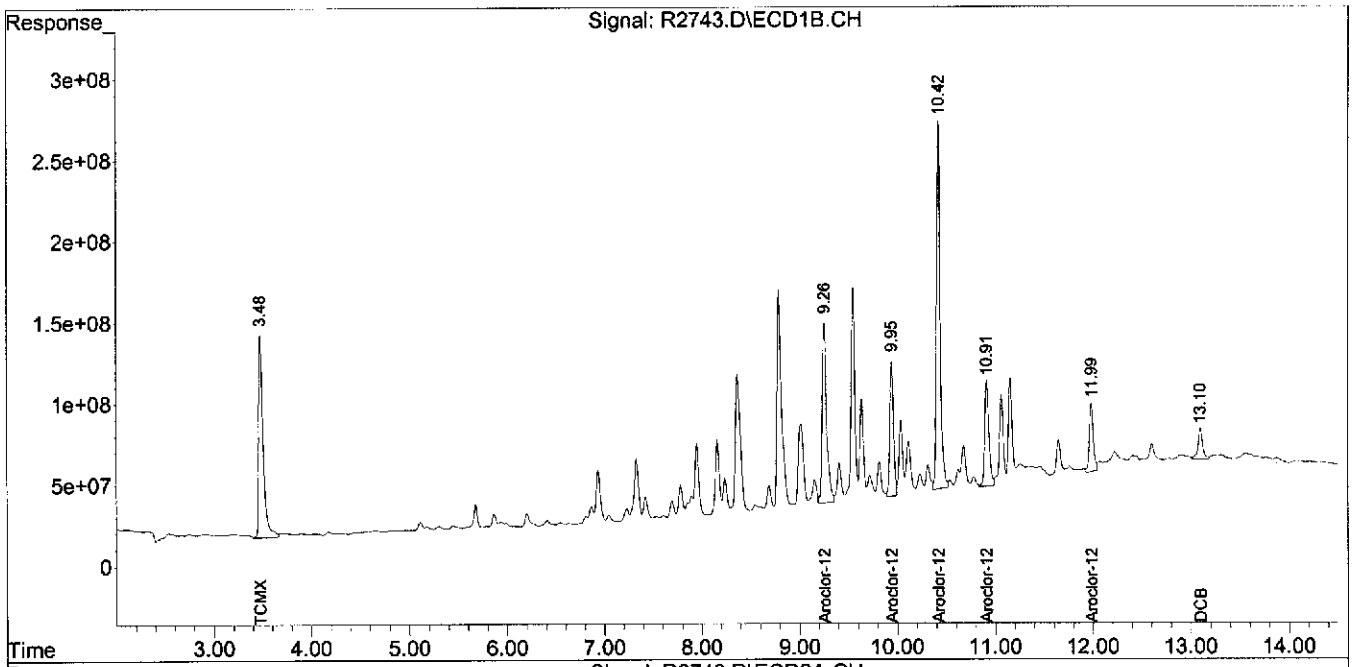
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

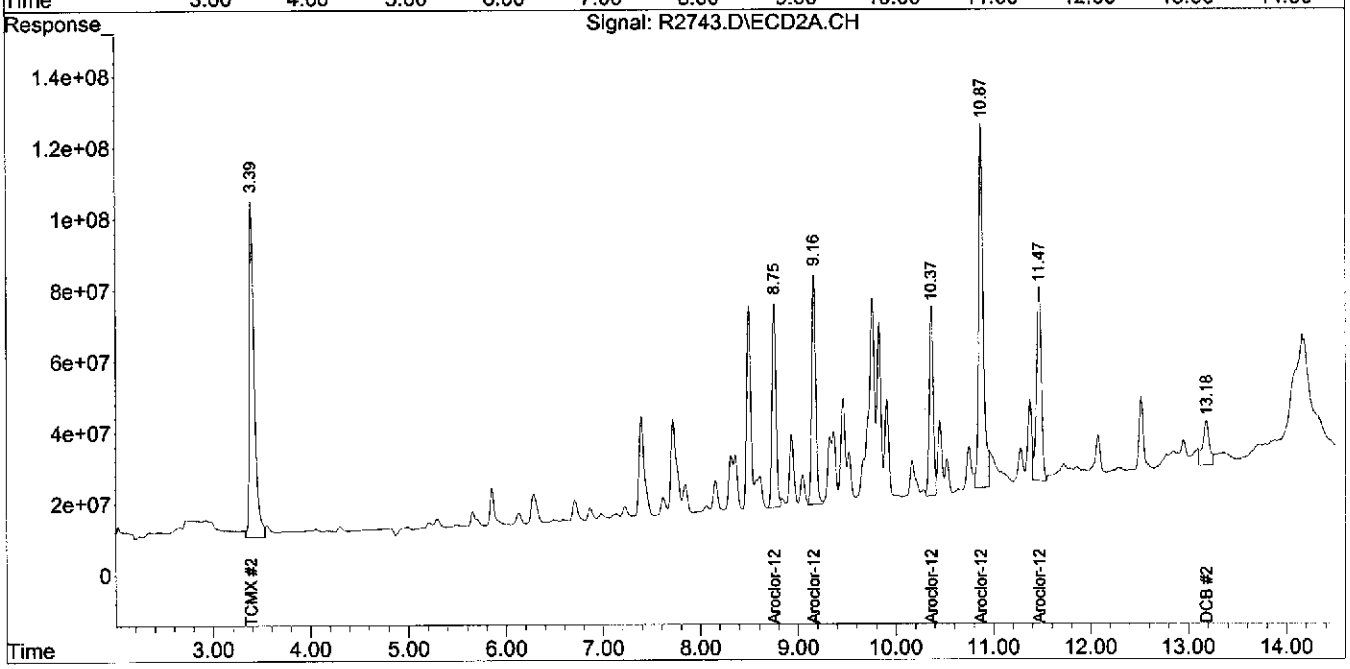
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : R2743.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Aug 2012 8:31
Operator : YG
Sample : R-36_(0-2.,07487-027,S,5.38g,8.80,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,10
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:51:47 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2617.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 6:09
Operator : YG
Sample : R-36_(2.0-,07487-028,S,5.37g,12.9,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,1
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:05:51 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.47	3.39	37043.1E6	27501.4E6	215.595	191.048
Spiked Amount 200.000			Recovery	=	107.80%	95.52%
2) S DCB	13.10	13.18	6865.2E6	3930.5E6	117.606	98.126
Spiked Amount 200.000			Recovery	=	58.80%	49.06%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.31	5.70	240.6E6	265.5E6	31.591	47.542 #
24) L6 Aroclor-1248 {2}	5.87	6.31	228.6E6	595.2E6	53.293	74.531 #
25) L6 Aroclor-1248 {3}	6.21	6.71	249.5E6	390.0E6	45.430	65.338 #
26) L6 Aroclor-1248 {4}	6.93	6.86	652.5E6	297.3E6	76.583m	58.232
27) L6 Aroclor-1248 {5}	7.21	7.22	379.1E6	168.3E6	52.955	58.272
Sum Aroclor-1248			1750.4E6	1716.2E6	259.852	303.915
Average Aroclor-1248					51.970	60.783
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.26	8.76	608.7E6	290.6E6	43.419m	46.020m
34) L8 Aroclor-1260 {2}	9.95	9.17	436.5E6	269.0E6	58.871m	36.861m#
35) L8 Aroclor-1260 {3}	10.42	10.37	951.3E6	201.1E6	38.040m	39.903m
36) L8 Aroclor-1260 {4}	10.91	10.88	323.0E6	435.2E6	31.083m	43.391m#
37) L8 Aroclor-1260 {5}	11.99	11.47	243.4E6	249.1E6	52.427m	30.672m#
Sum Aroclor-1260			2563.0E6	1445.1E6	223.839	196.847
Average Aroclor-1260					44.768	39.369
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2617.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 6:09
Operator : YG
Sample : R-36_(2.0-,07487-028,S,5.37g,12.9,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,1
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:05:51 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2

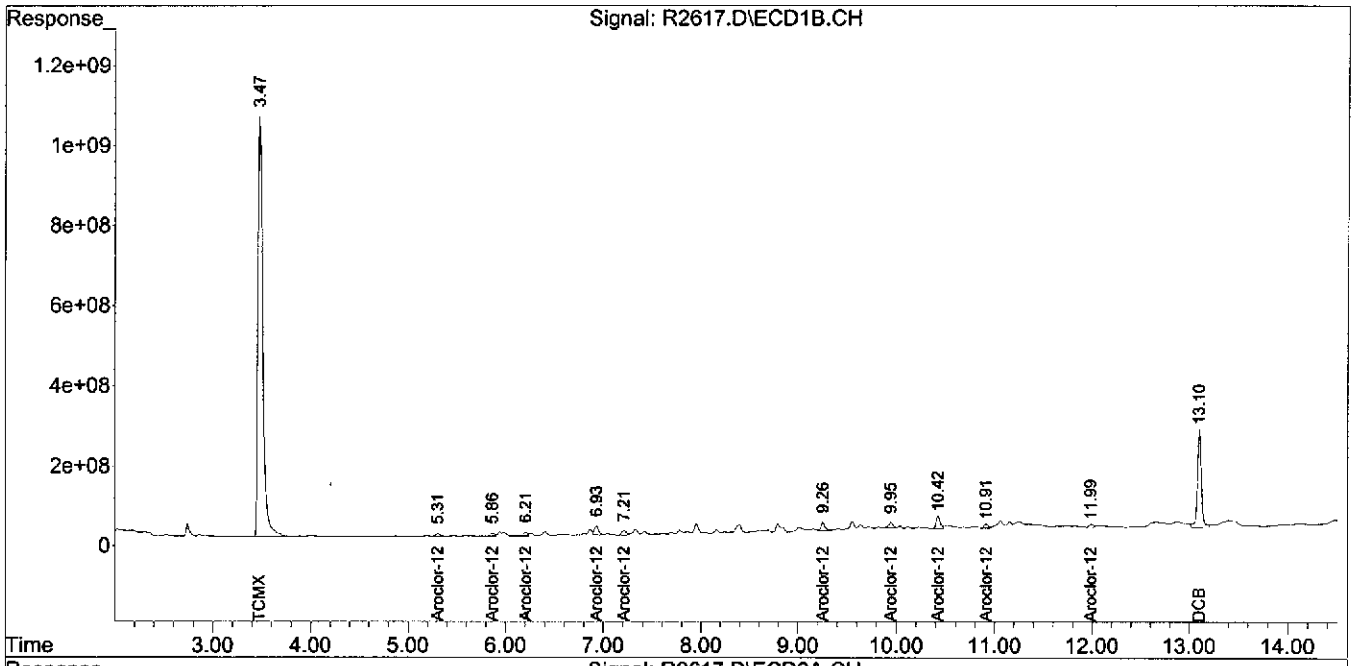
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

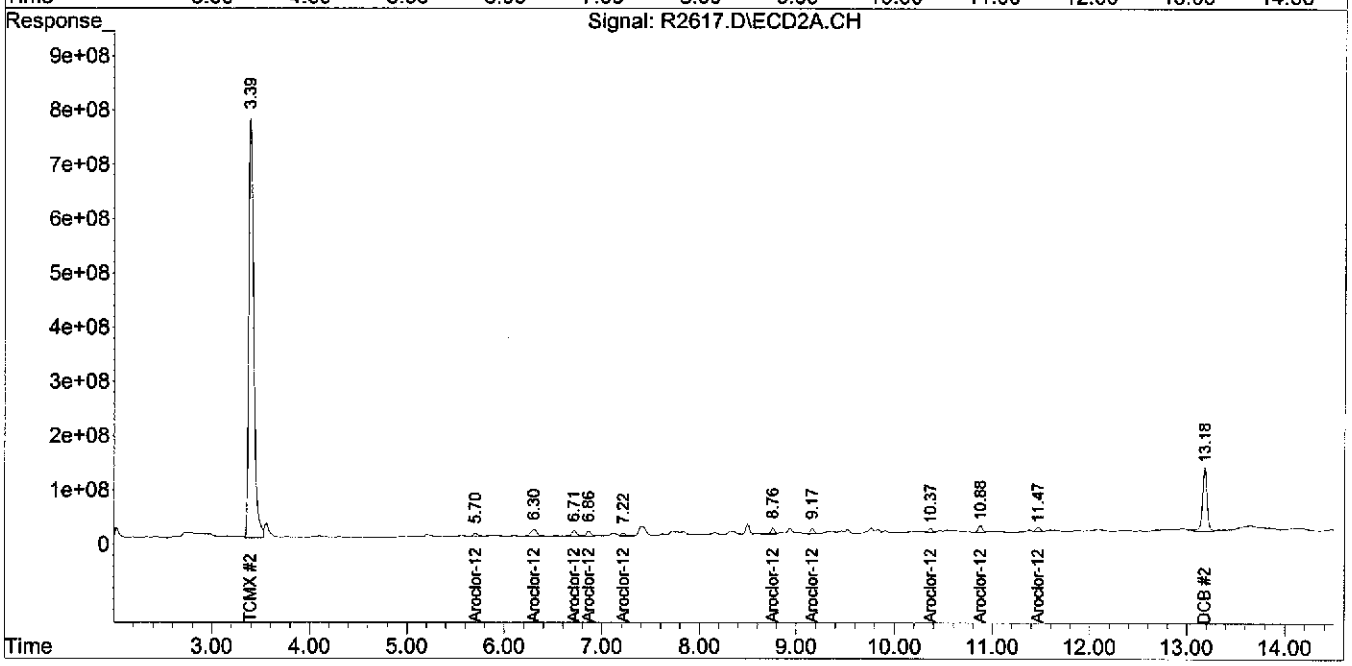
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2617.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 6:09
Operator : YG
Sample : R-36_(2.0-,07487-028,S,5.37g,12.9,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,1
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:05:51 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2618.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 6:26
Operator : YG
Sample : R-36_(3.25,07487-029,S,5.20g,71.2,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,1
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:06:35 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.48	3.39	43564.9E6	36087.9E6	253.553	250.698
Spiked Amount 200.000			Recovery	=	126.78%	125.35%
2) S DCB	13.10	13.18	12429.2E6	5912.5E6	212.923	147.606 #
Spiked Amount 200.000			Recovery	=	106.46%	73.80%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

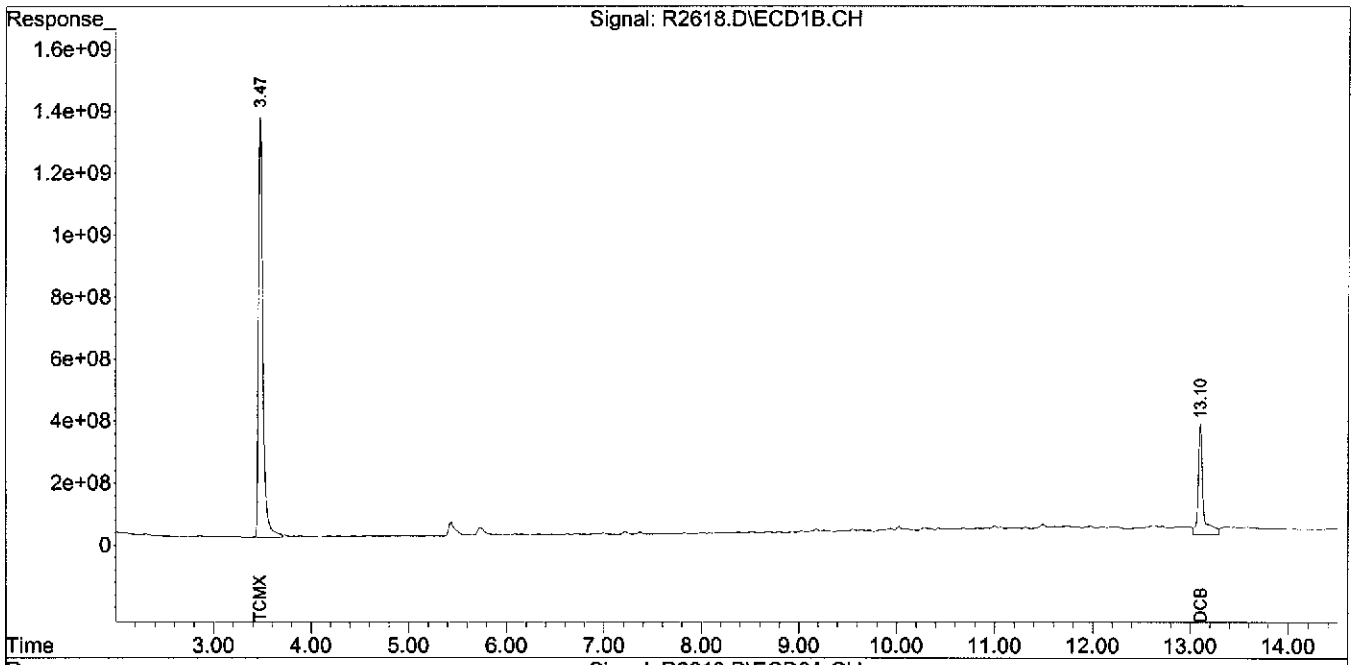
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

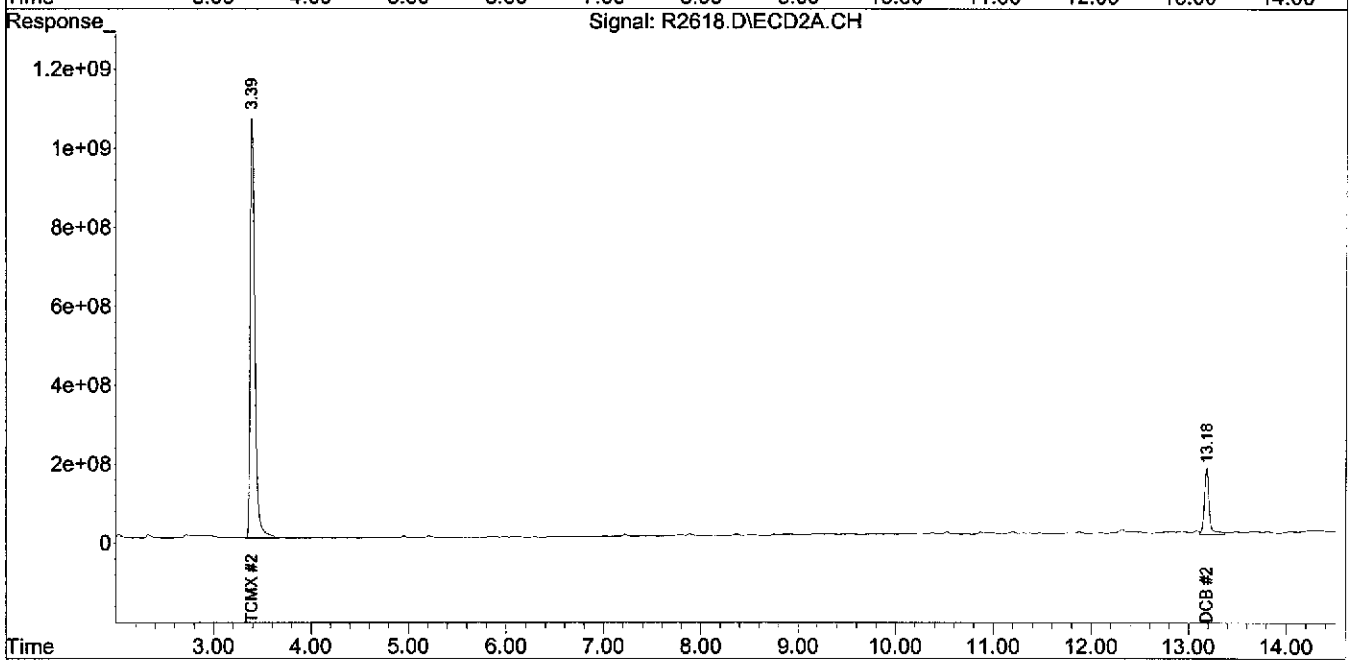
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2618.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 6:26
Operator : YG
Sample : R-36_(3.25,07487-029,S,5.20g,71.2,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,1
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:06:35 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2619.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 6:44
Operator : YG
Sample : R-36_(4.0-,07487-030,S,5.10g,20.6,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,1
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:08:16 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.47	3.39	36522.9E6	28102.2E6	212.567	195.222
Spiked Amount 200.000			Recovery	=	106.28%	97.61%
2) S DCB	13.10	13.18	6670.5E6	4205.9E6	114.271	105.002
Spiked Amount 200.000			Recovery	=	57.14%	52.50%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.26	8.76	212.0E6	97069572	15.121m	15.370m
34) L8 Aroclor-1260 {2}	9.94	9.16	115.9E6	96587626	15.632m	13.234m
35) L8 Aroclor-1260 {3}	10.42	10.36	257.1E6	85187289	10.281m	16.902m#
36) L8 Aroclor-1260 {4}	10.91	10.88	116.1E6	156.4E6	11.170m	15.593m#
37) L8 Aroclor-1260 {5}	11.98	11.47	79247580	97273187	17.071m	11.975m#
Sum Aroclor-1260			780.4E6	532.5E6	69.274	73.074
Average Aroclor-1260					13.855	14.615
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

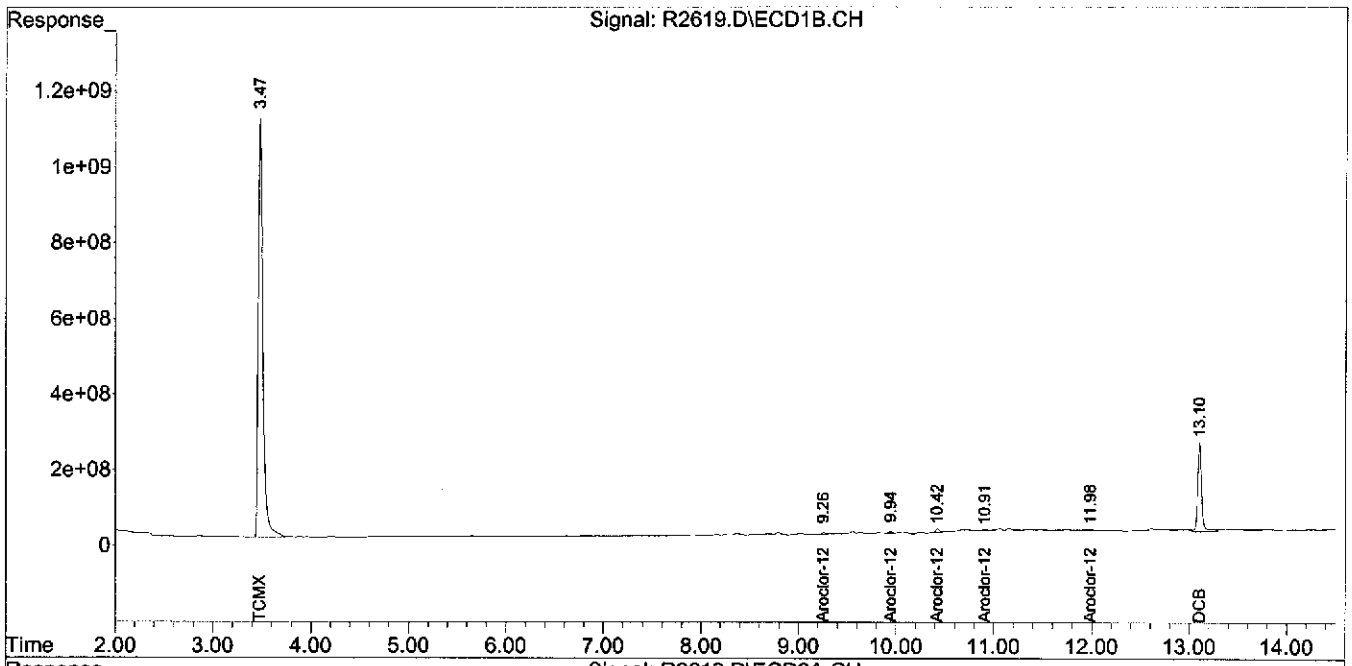
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

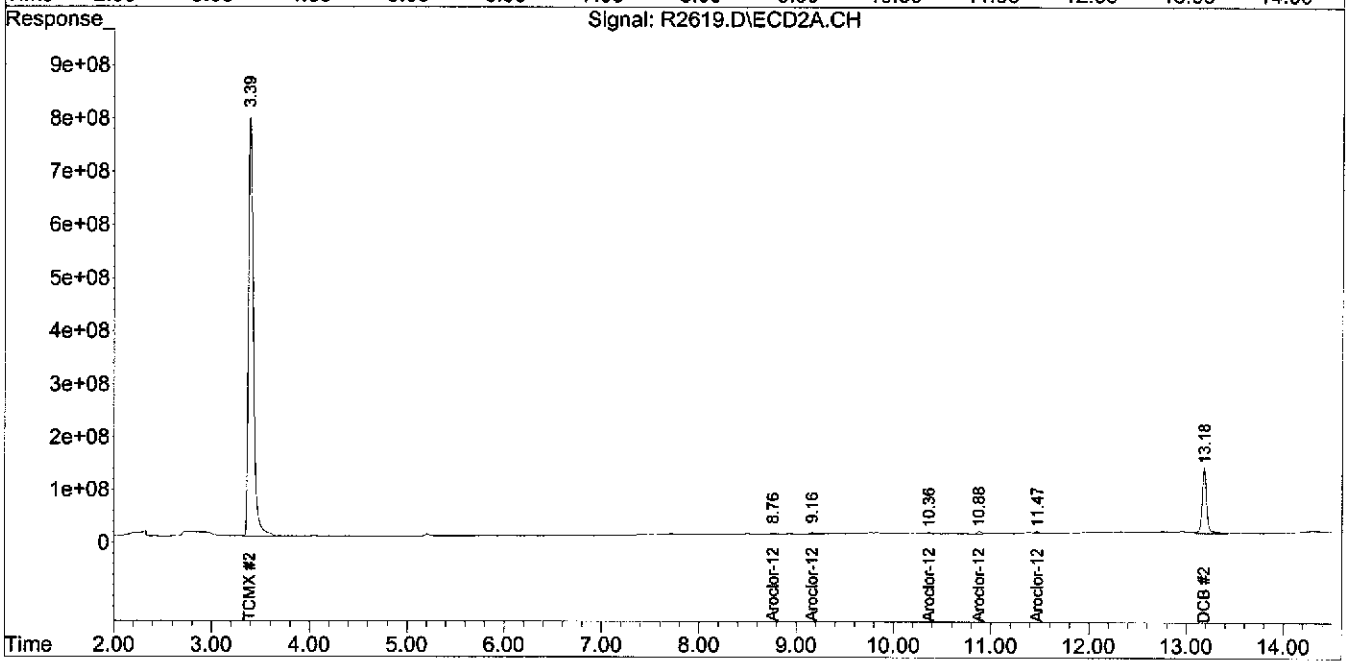
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2619.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 6:44
Operator : YG
Sample : R-36_(4.0-,07487-030,S,5.10g,20.6,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,1
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:08:16 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2620.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 7:01
Operator : YG
Sample : Q-36_(0-2.,07487-031,S,5.35g,12.3,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,1
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:09:41 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.47	3.39	35086.6E6	27204.2E6	204.208	188.984
Spiked Amount 200.000			Recovery	=	102.10%	94.49%
2) S DCB	13.10	13.18	9543.2E6	3637.4E6	163.483	90.809 #
Spiked Amount 200.000			Recovery	=	81.74%	45.40%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.31	5.70	2021.5E6	1279.4E6	265.385	229.085
24) L6 Aroclor-1248 {2}	5.87	6.31	1559.7E6	3206.0E6	363.558	401.489
25) L6 Aroclor-1248 {3}	6.20	6.71	1884.6E6	2021.6E6	343.083	338.731
26) L6 Aroclor-1248 {4}	6.93	6.86	4483.5E6	1704.7E6	526.225	333.857 #
27) L6 Aroclor-1248 {5}	7.21	7.22	3229.0E6	1046.7E6	451.043	362.459
Sum Aroclor-1248			13178.3E6	9258.5E6	1949.294	1665.621
Average Aroclor-1248					389.859	333.124
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.26	8.76	2270.0E6	1398.4E6	161.909m	221.426 #
34) L8 Aroclor-1260 {2}	9.94	9.16	1159.3E6	1089.1E6	156.338m	149.228
35) L8 Aroclor-1260 {3}	10.42	10.36	3491.9E6	836.5E6	139.628m	165.979
36) L8 Aroclor-1260 {4}	10.91	10.87	1121.8E6	1639.6E6	107.943m	163.482 #
37) L8 Aroclor-1260 {5}	11.98	11.47	802.5E6	1015.7E6	172.855m	125.040m#
Sum Aroclor-1260			8845.4E6	5979.4E6	738.672	825.155
Average Aroclor-1260					147.734	165.031
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2620.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 7:01
Operator : YG
Sample : Q-36_(0-2.,07487-031,S,5.35g,12.3,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,1
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:09:41 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2

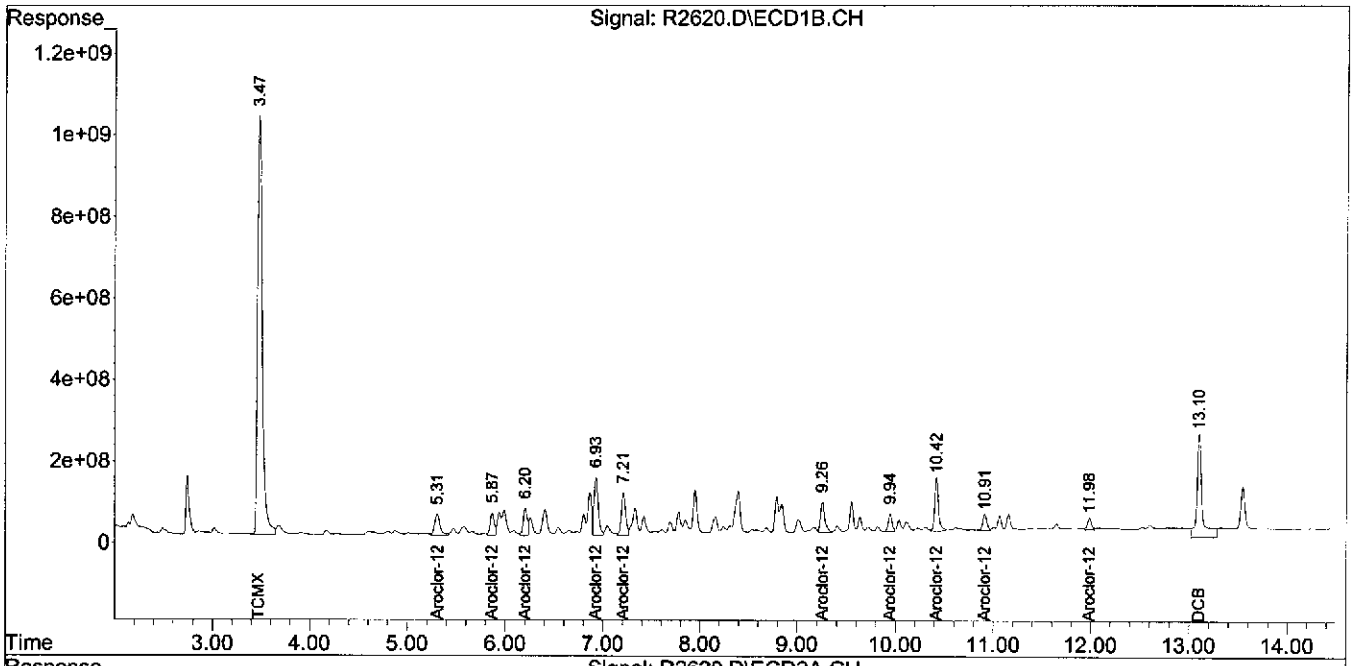
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

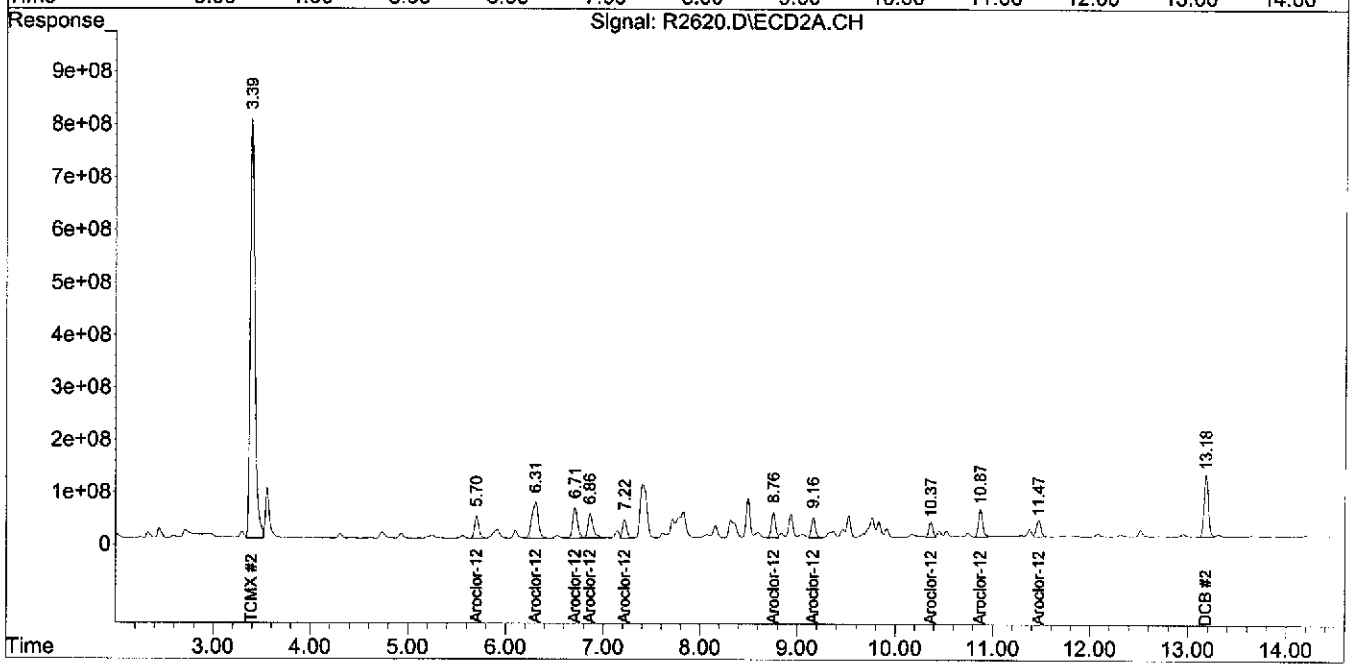
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2620.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 7:01
Operator : YG
Sample : Q-36_(0-2.,07487-031,S,5.35g,12.3,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,1
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:09:41 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2621.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 7:19
Operator : YG
Sample : Q-36_(2.0-,07487-032,S,5.27g,11.6,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,1
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:10:10 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.47	3.39	38516.4E6	28733.6E6	224.170	199.608
Spiked Amount 200.000			Recovery	=	112.08%	99.80%
2) S DCB	13.10	13.18	6567.6E6	4188.3E6	112.508	104.561
Spiked Amount 200.000			Recovery	=	56.25%	52.28%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

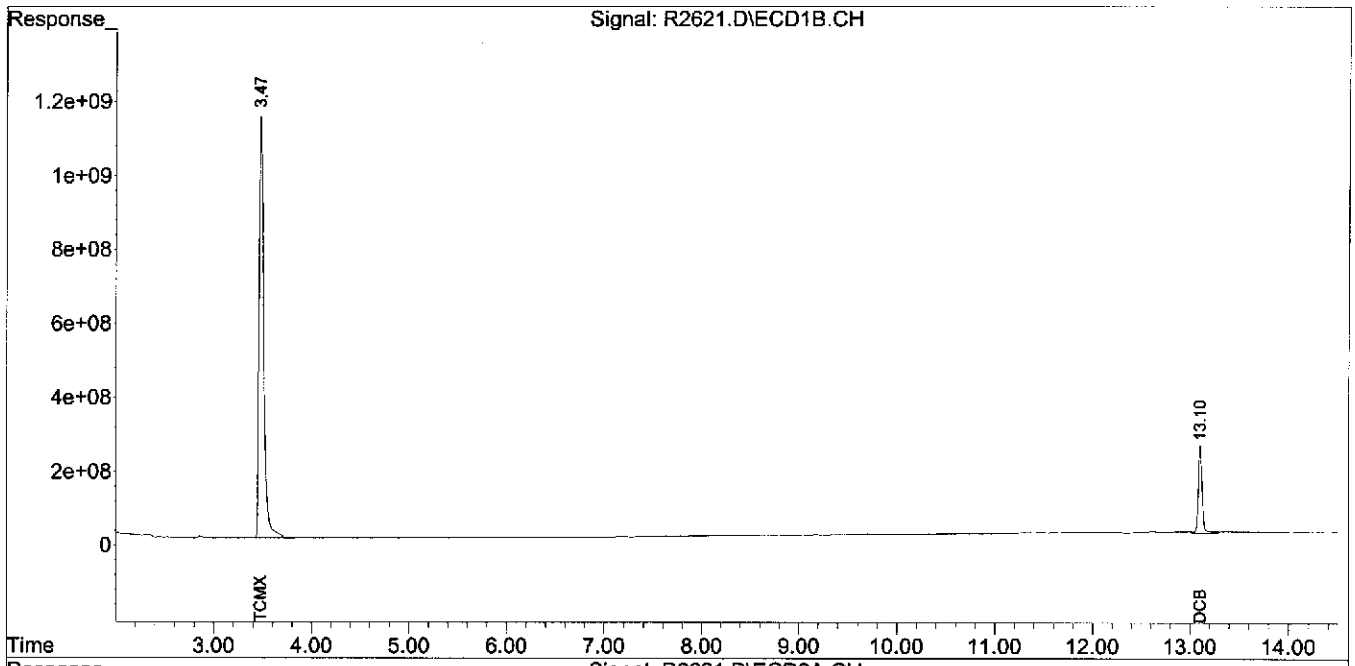
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

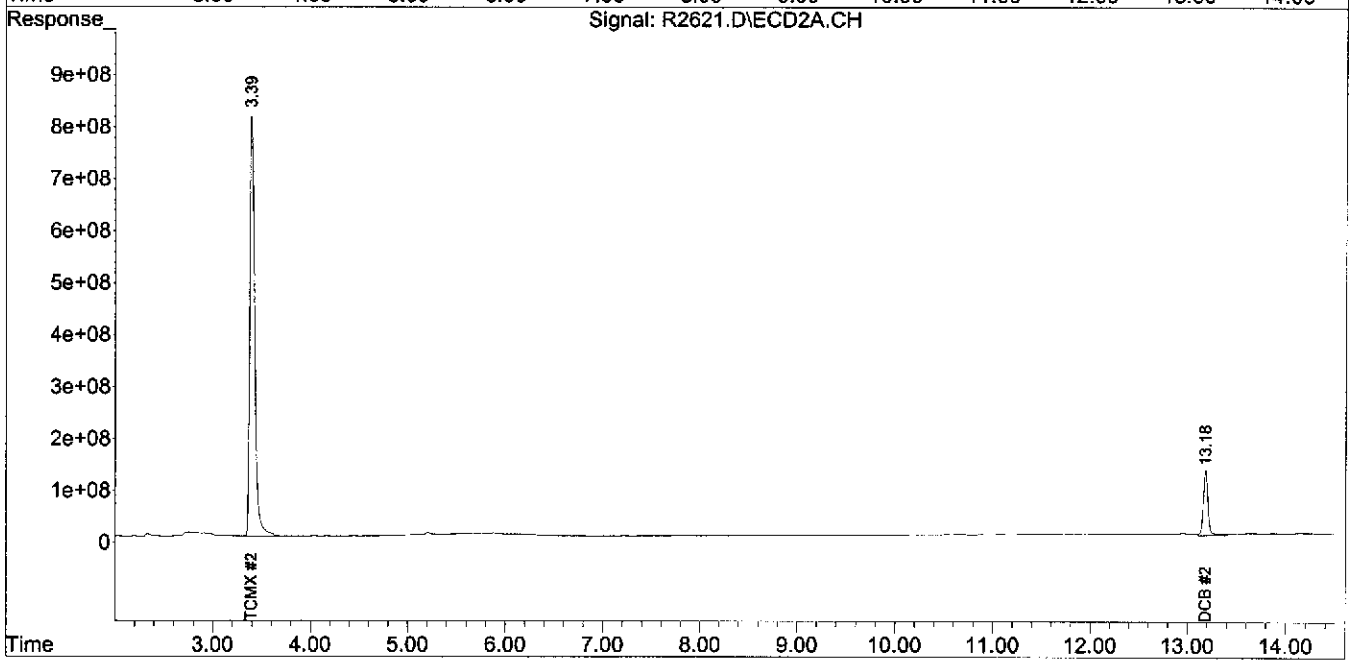
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2621.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 7:19
Operator : YG
Sample : Q-36_(2.0-,07487-032,S,5.27g,11.6,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,1
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:10:10 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2622.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 7:36
Operator : YG
Sample : Q-36_(4.0-,07487-033,S,5.03g,77.2,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,1
ALS Vial : 35 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:13:02 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.48	3.39	45818.1E6	36476.7E6	266.667	253.399
Spiked Amount 200.000			Recovery	=	133.33%	126.70%
2) S DCB	13.10	13.18	9680.1E6	5926.4E6	165.828m	147.953
Spiked Amount 200.000			Recovery	=	82.91%	73.98%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.26	8.75	89828328	67833518	6.407m	10.741m#
34) L8 Aroclor-1260 {2}	9.94	9.17	114.2E6	103.3E6	15.406m	14.159m
35) L8 Aroclor-1260 {3}	10.43	10.36	167.2E6	67926938	6.684m	13.477m#
36) L8 Aroclor-1260 {4}	10.93	10.87	131.6E6	194.6E6	12.662m	19.404m#
37) L8 Aroclor-1260 {5}	11.99	11.46	72026526	120.5E6	15.515m	14.835m
Sum Aroclor-1260			574.9E6	554.2E6	56.675	72.616
Average Aroclor-1260					11.335	14.523
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

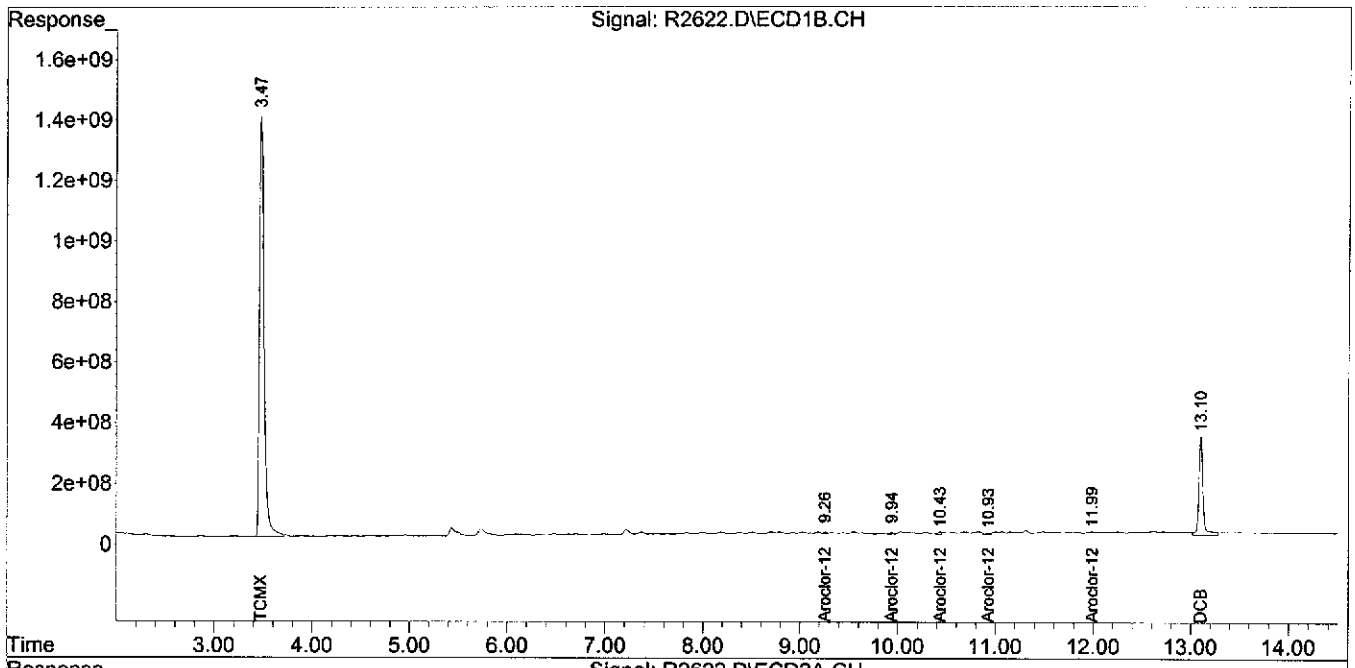
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

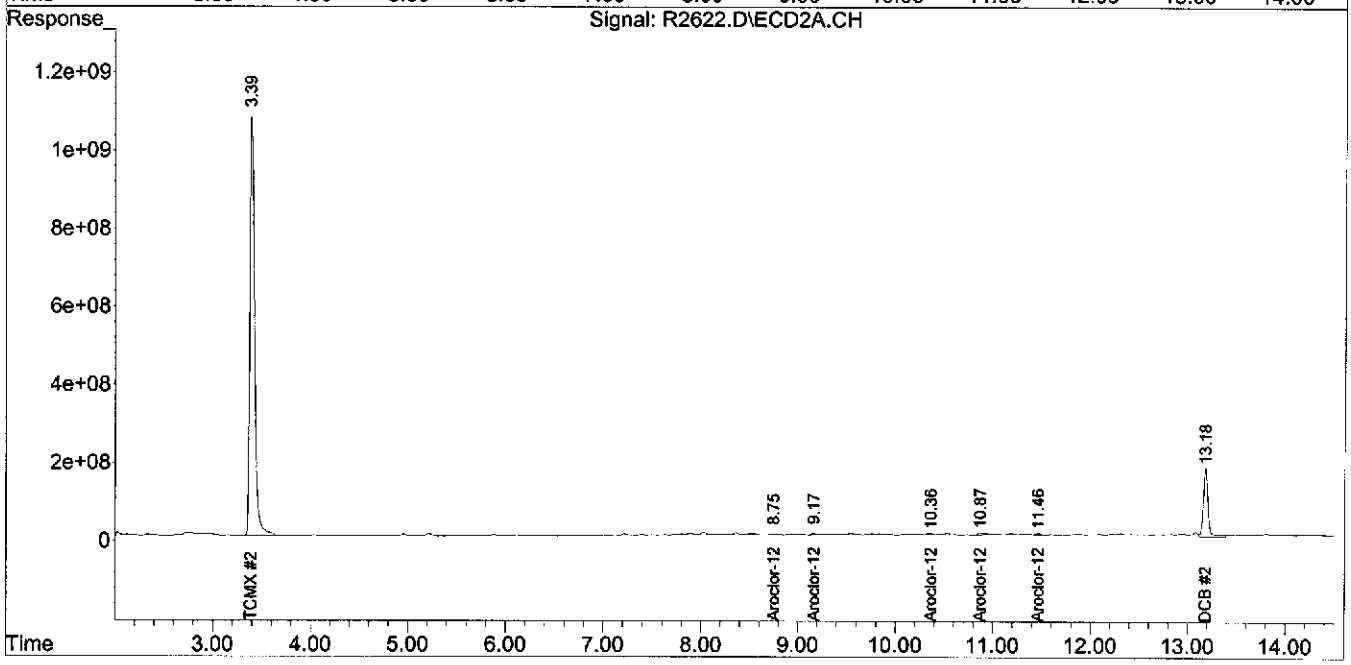
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2622.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 7:36
Operator : YG
Sample : Q-36_(4.0-,07487-033,S,5.03g,77.2,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,1
ALS Vial : 35 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:13:02 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2623.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 7:54
Operator : YG
Sample : Q-36_(5.0-,07487-034,S,5.18g,20.7,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,1
ALS Vial : 36 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:17:05 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.48	3.39	39117.0E6	29681.2E6	227.666	206.191
Spiked Amount 200.000			Recovery	=	113.83%	103.10%
2) S DCB	13.10	13.18	8496.1E6	4868.2E6	145.546	121.535
Spiked Amount 200.000			Recovery	=	72.77%	60.77%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	7.33	7.72	78808332	55264243	7.933m	10.156m#
29) L7 Aroclor-1254 {2}	7.78	8.32	52319481	56087260	8.230m	9.382m
30) L7 Aroclor-1254 {3}	7.94	8.76	55182550	59003112	4.658m	15.370m#
31) L7 Aroclor-1254 {4}	8.39	8.93	159.2E6	67628890	11.532m	11.813m
32) L7 Aroclor-1254 {5}	9.26	9.76	124.8E6	62275913	10.820m	7.827m#
Sum Aroclor-1254			470.4E6	300.3E6	43.172	54.548
Average Aroclor-1254					8.634	10.910
33) L8 Aroclor-1260	9.26	8.76	114.7E6	53216959	8.183m	8.426m
34) L8 Aroclor-1260 {2}	9.94	9.17	38118023	57725758	5.140m	7.909m#
35) L8 Aroclor-1260 {3}	10.42	10.37	121.1E6	40426423	4.842m	8.021m#
36) L8 Aroclor-1260 {4}	10.92	10.88	47743188	81918935	4.594m	8.168m#
37) L8 Aroclor-1260 {5}	11.98	11.47	21031112	41727337	4.530m	5.137m
Sum Aroclor-1260			342.7E6	275.0E6	27.289	37.662
Average Aroclor-1260					5.458	7.532
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2623.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 7:54
Operator : YG
Sample : Q-36_(5.0-,07487-034,S,5.18g,20.7,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,1
ALS Vial : 36 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:17:05 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2

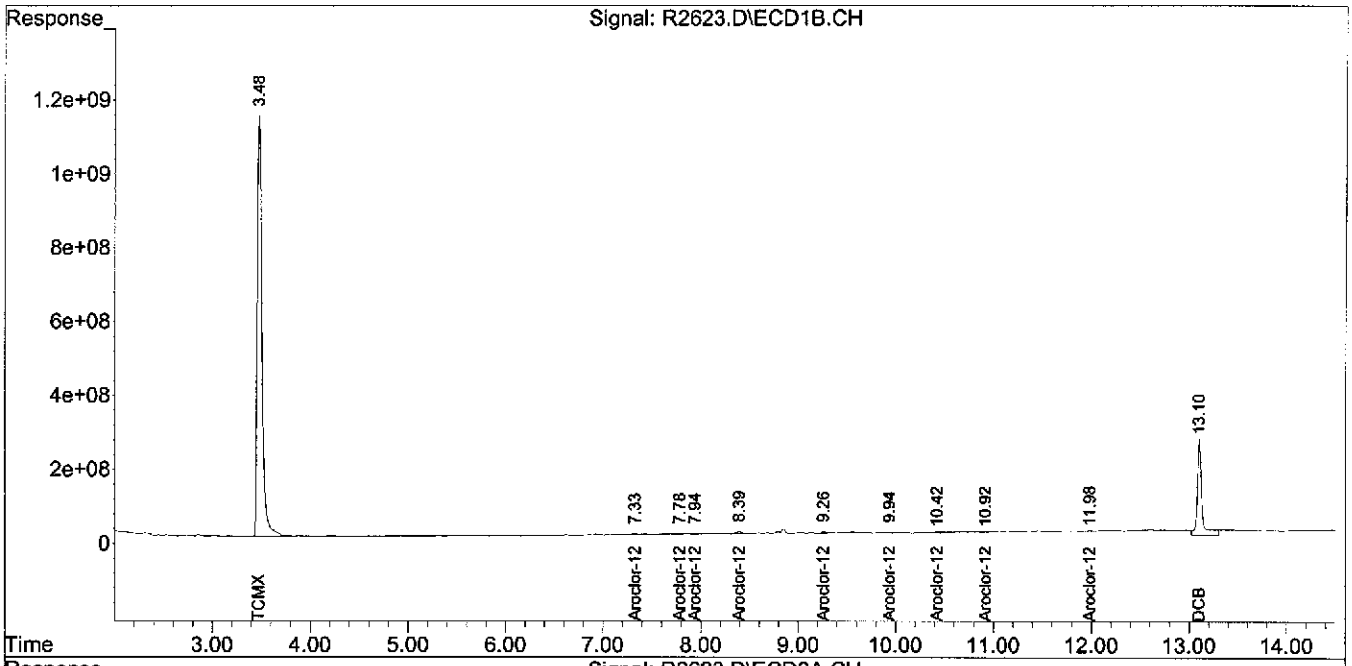
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

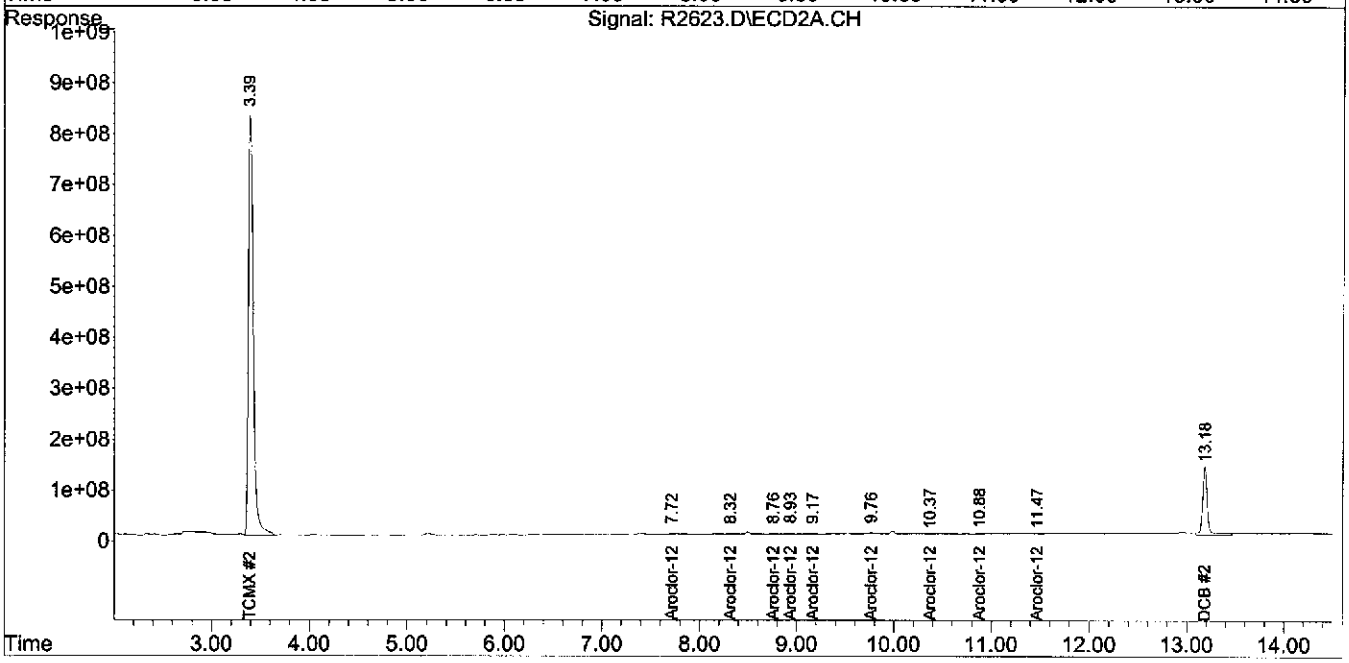
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2623.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 7:54
Operator : YG
Sample : Q-36_(5.0-,07487-034,S,5.18g,20.7,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,1
ALS Vial : 36 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:17:05 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-09-12\
Data File : R2642.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 19:25
Operator : YG
Sample : Q-38_(0-2.,07487-035,S,5.22g,15.4,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,100
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:48:30 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	7.33	7.71	10263.7E6	8213.3E6	1033.112m	1509.375 #
29) L7 Aroclor-1254 {2}	7.78	8.31	8761.8E6	6356.9E6	1378.205	1063.368
30) L7 Aroclor-1254 {3}	7.95	8.76	17434.2E6	4657.0E6	1471.661	1213.153
31) L7 Aroclor-1254 {4}	8.40	8.93	24742.4E6	6439.8E6	1791.790	1124.843 #
32) L7 Aroclor-1254 {5}	9.26	9.76	20319.0E6	8585.0E6	1761.062	1078.939 #
Sum Aroclor-1254			81520.9E6	34252.1E6	7435.831	5989.679
Average Aroclor-1254					1487.166	1197.936
33) L8 Aroclor-1260	9.26	8.76	20319.0E6	4657.0E6	1449.280	737.391 #
34) L8 Aroclor-1260 {2}	9.94	9.16	3727.5E6	4583.9E6	502.685	628.051
35) L8 Aroclor-1260 {3}	10.42	10.37	11759.9E6	3125.8E6	470.234	620.194 #
36) L8 Aroclor-1260 {4}	10.91	10.87	4604.5E6	3910.7E6	443.064	389.931
37) L8 Aroclor-1260 {5}	11.99	11.47	2358.0E6	2611.6E6	507.924	321.503 #
Sum Aroclor-1260			42768.9E6	18888.9E6	3373.187	2697.070
Average Aroclor-1260					674.637	539.414
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

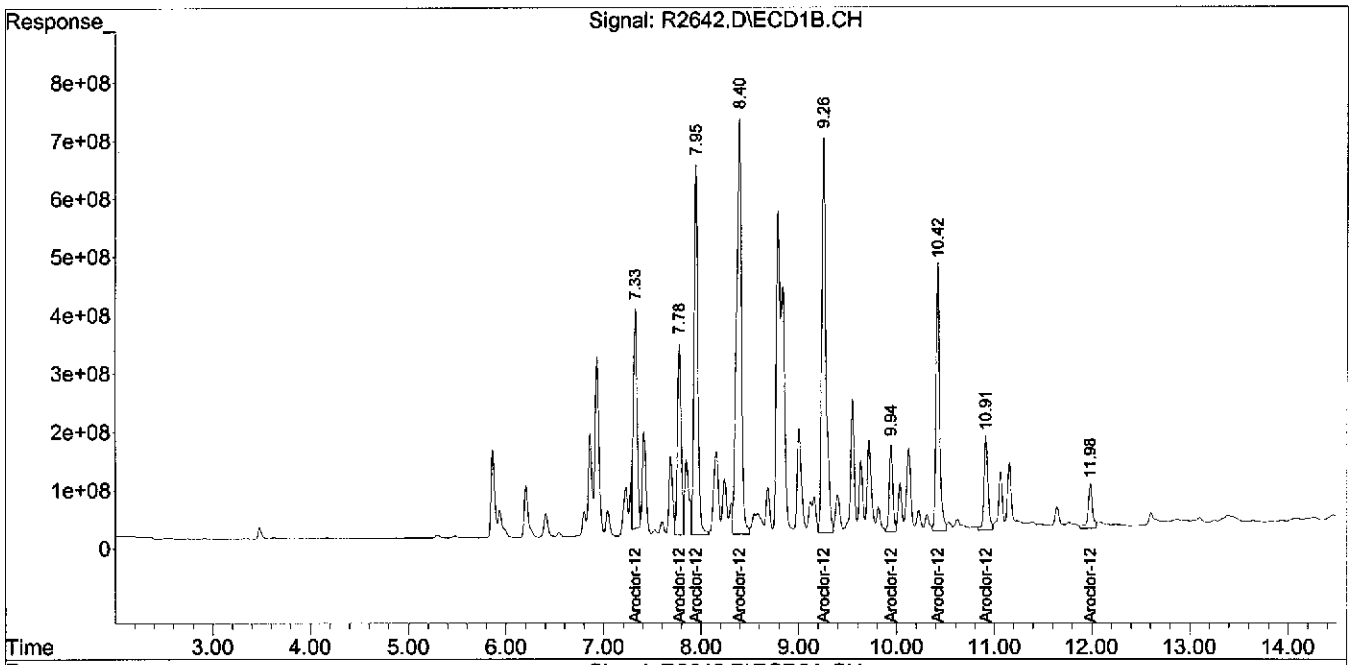
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

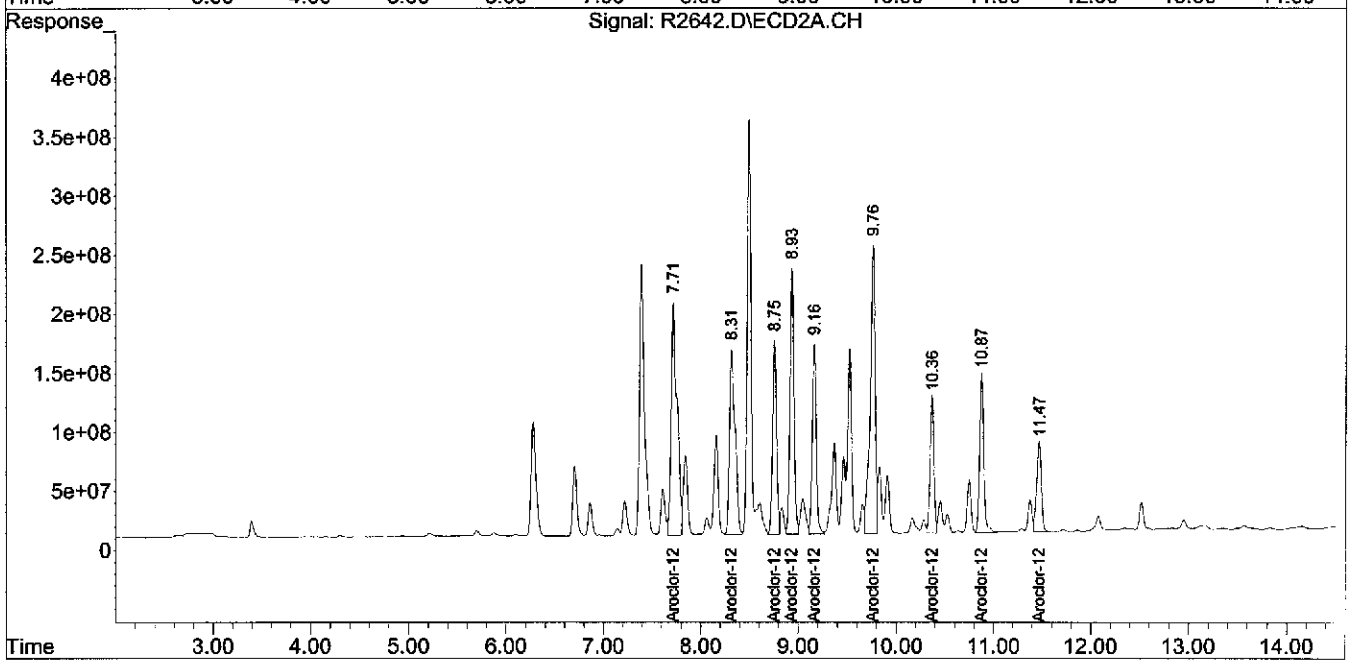
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-09-12\
Data File : R2642.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 19:25
Operator : YG
Sample : Q-38_(0-2.,07487-035,S,5.22g,15.4,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,100
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:48:30 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2625.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 8:29
Operator : YG
Sample : Q-38_(2.0-,07487-036,S,5.07g,12.8,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,100
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:19:34 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	7.33	7.71	5470.1E6	4205.8E6	550.607	772.908 #
29) L7 Aroclor-1254 {2}	7.78	8.31	3677.1E6	3529.8E6	578.396	590.459
30) L7 Aroclor-1254 {3}	7.95	8.76	7520.3E6	2729.8E6	634.810	711.124
31) L7 Aroclor-1254 {4}	8.39	8.93	9992.2E6	3212.4E6	723.614	561.114
32) L7 Aroclor-1254 {5}	9.26	9.76	7092.7E6	4584.8E6	614.733	576.208
Sum Aroclor-1254			33752.5E6	18262.7E6	3102.161	3211.814
Average Aroclor-1254					620.432	642.363
33) L8 Aroclor-1260	9.26	8.76	7092.7E6	2729.8E6	505.900	432.242
34) L8 Aroclor-1260 {2}	9.94	9.16	2083.8E6	3391.7E6	281.011	464.705 #
35) L8 Aroclor-1260 {3}	10.42	10.37	7627.3E6	2003.1E6	304.988	397.435 #
36) L8 Aroclor-1260 {4}	10.91	10.88	3043.7E6	4108.7E6	292.877	409.675 #
37) L8 Aroclor-1260 {5}	11.99	11.47	3344.5E6	2470.3E6	720.434	304.116 #
Sum Aroclor-1260			23192.0E6	14703.6E6	2105.209	2008.173
Average Aroclor-1260					421.042	401.635
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

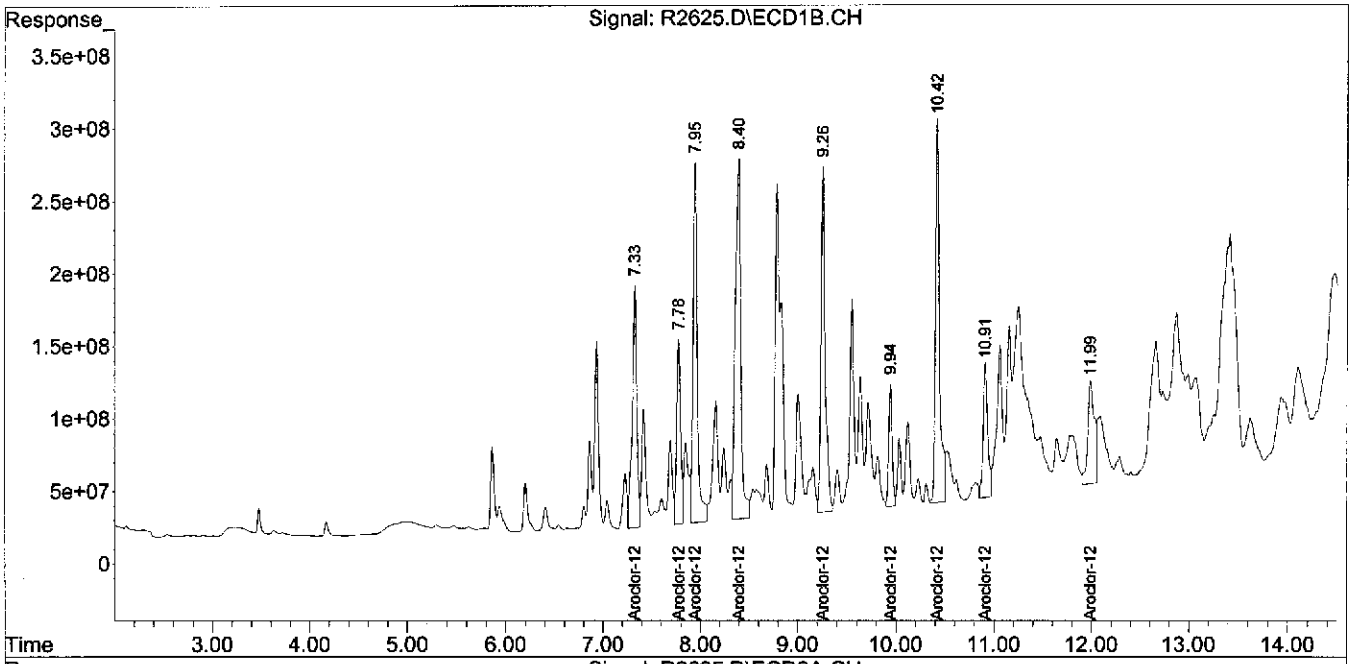
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

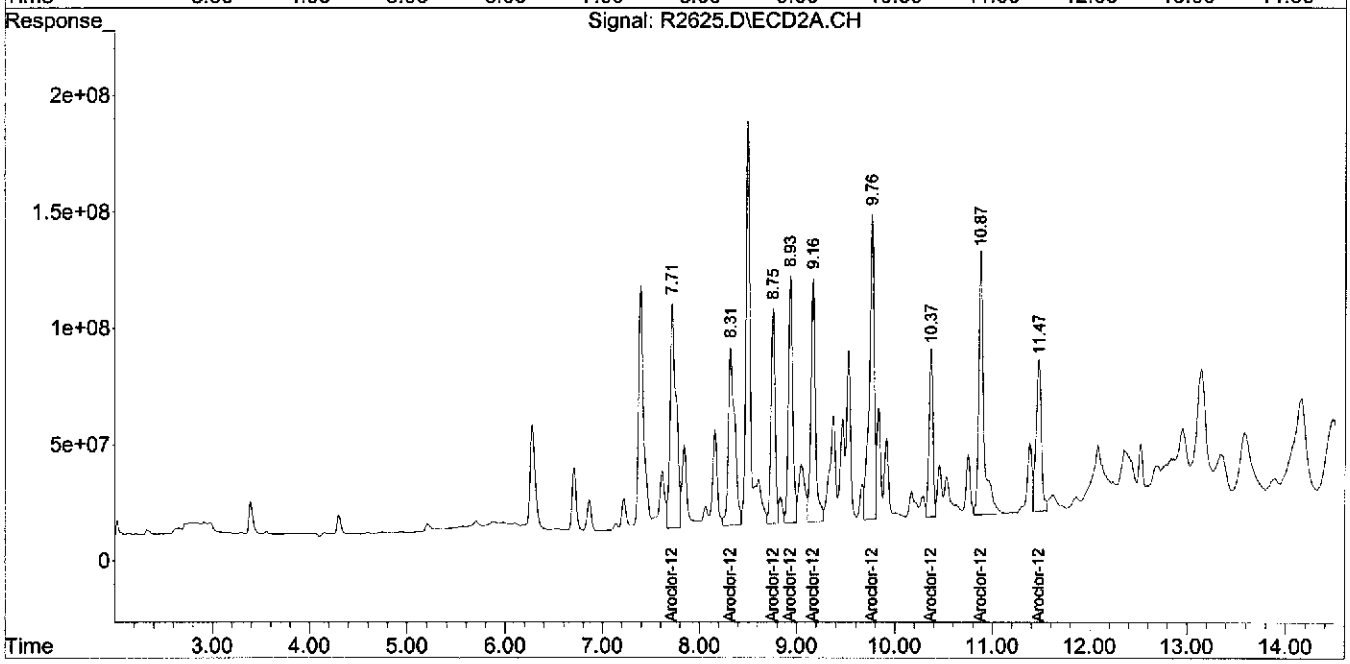
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2625.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 8:29
Operator : YG
Sample : Q-38_(2.0-,07487-036,S,5.07g,12.8,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,100
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:19:34 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-09-12\
Data File : R2643.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 19:43
Operator : YG
Sample : Q-38_(4.0-,07487-037,S,5.06g,77.8,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,1
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:49:11 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.48	3.39	39333.0E6	35087.5E6	228.923	243.748
Spiked Amount 200.000			Recovery	=	114.46%	121.87%
2) S DCB	13.10	13.18	14808.5E6	6058.9E6	253.682	151.261 #
Spiked Amount 200.000			Recovery	=	126.84%	75.63%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

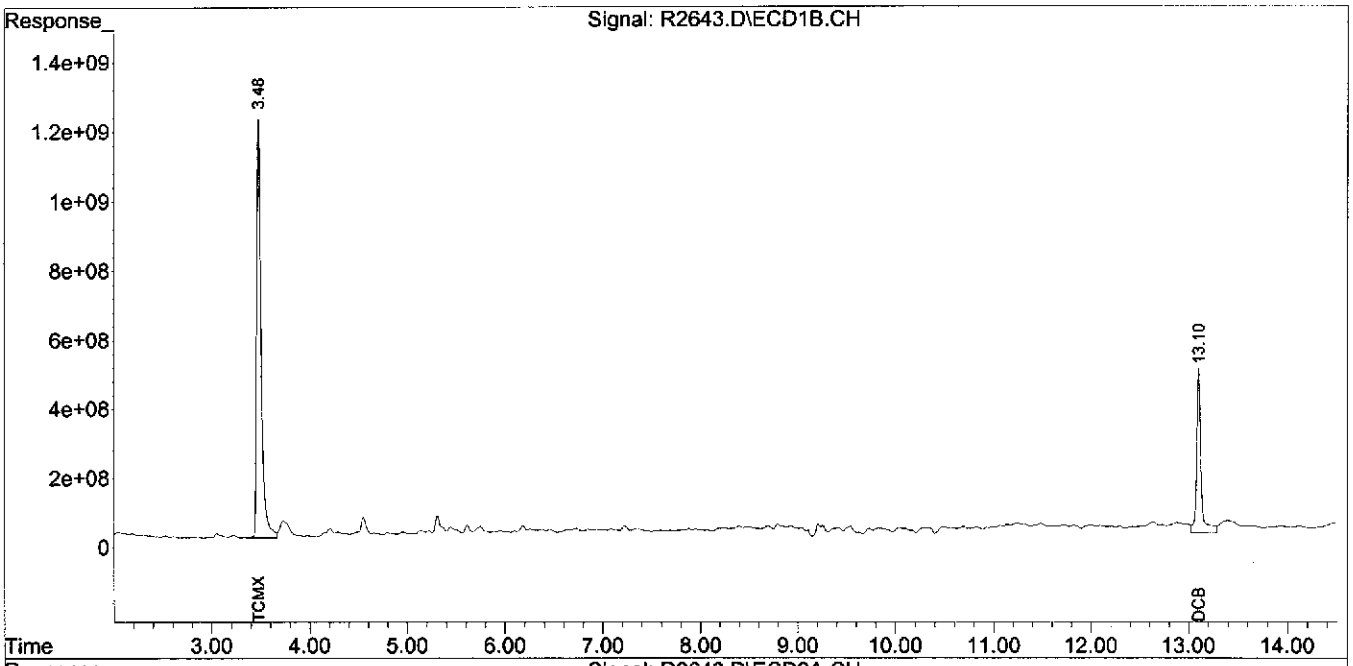
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

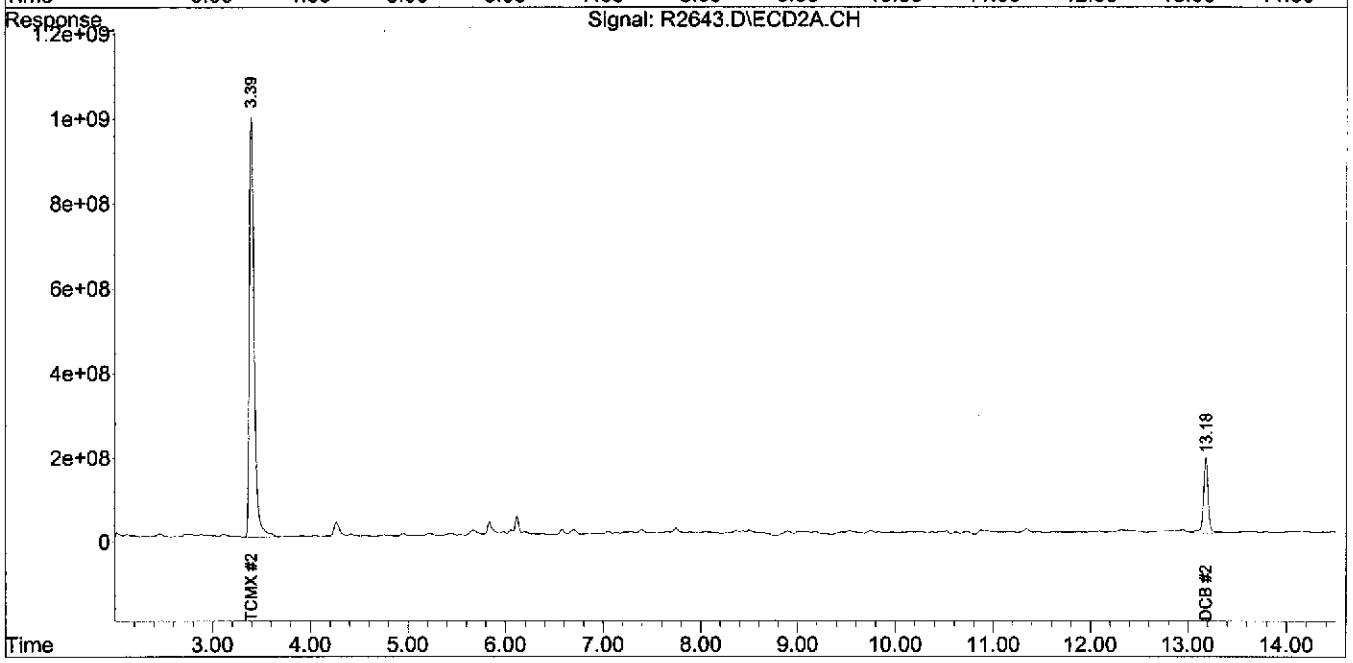
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-09-12\
Data File : R2643.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 19:43
Operator : YG
Sample : Q-38_(4.0-,07487-037,S,5.06g,77.8,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,1
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:49:11 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2627.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 9:04
Operator : YG
Sample : Q-38_(4.75,07487-038,S,5.25g,20.8,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,1
ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:20:22 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.48	3.39	35350.9E6	28351.7E6	205.746	196.955
Spiked Amount 200.000			Recovery	=	102.87%	98.48%
2) S DCB	13.10	13.18	6164.6E6	4217.5E6	105.605	105.291
Spiked Amount 200.000			Recovery	=	52.80%	52.65%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

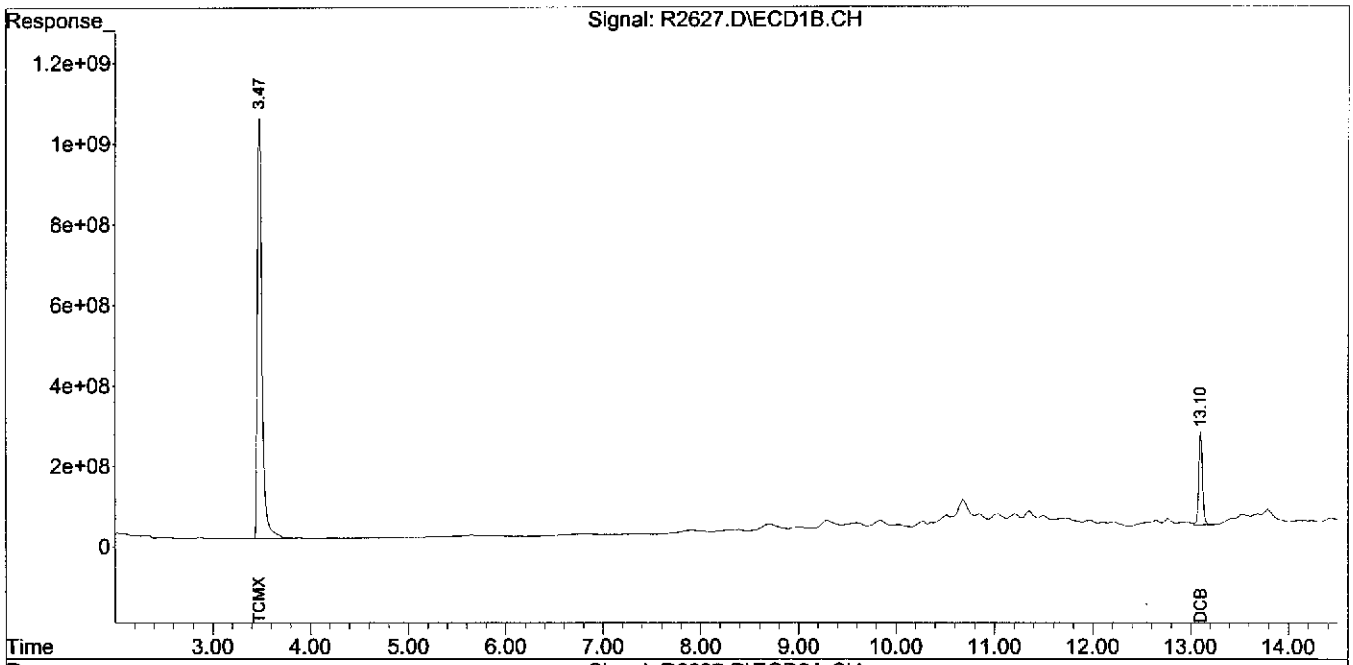
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

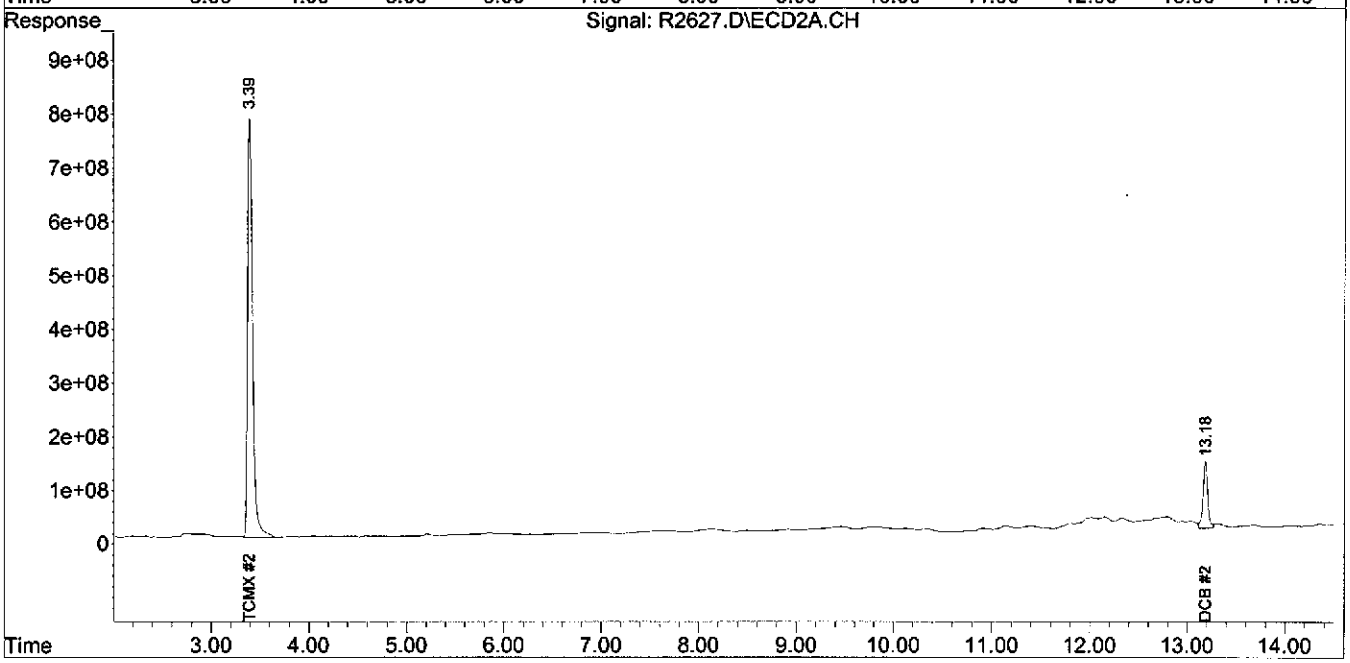
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2627.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 9:04
Operator : YG
Sample : Q-38_(4.75,07487-038,S,5.25g,20.8,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,1
ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:20:22 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2628.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 9:21
Operator : YG
Sample : Q-39_(0-2.,07487-039,S,5.01g,11.3,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,100
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:23:04 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.31	5.70	184.9E6	132.8E6	24.280m	23.776m
24) L6 Aroclor-1248 {2}	5.86	6.28	178.7E6	407.2E6	41.666m	50.989m
25) L6 Aroclor-1248 {3}	6.20	6.70	298.4E6	291.7E6	54.318m	48.871m
26) L6 Aroclor-1248 {4}	6.93	6.86	711.4E6	228.8E6	83.495m	44.814m#
27) L6 Aroclor-1248 {5}	7.21	7.22	450.0E6	137.6E6	62.861m	47.638m
Sum Aroclor-1248			1823.5E6	1198.0E6	266.619	216.088
Average Aroclor-1248					53.324	43.218
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.26	8.75	517.3E6	452.8E6	36.896m	71.704m#
34) L8 Aroclor-1260 {2}	9.94	9.17	519.4E6	400.0E6	70.042m	54.809m
35) L8 Aroclor-1260 {3}	10.42	10.37	953.8E6	274.9E6	38.139m	54.551m#
36) L8 Aroclor-1260 {4}	10.91	10.87	400.7E6	619.8E6	38.552m	61.798m#
37) L8 Aroclor-1260 {5}	11.99	11.47	172.6E6	250.2E6	37.173m	30.803m
Sum Aroclor-1260			2563.7E6	1997.8E6	220.803	273.666
Average Aroclor-1260					44.161	54.733
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

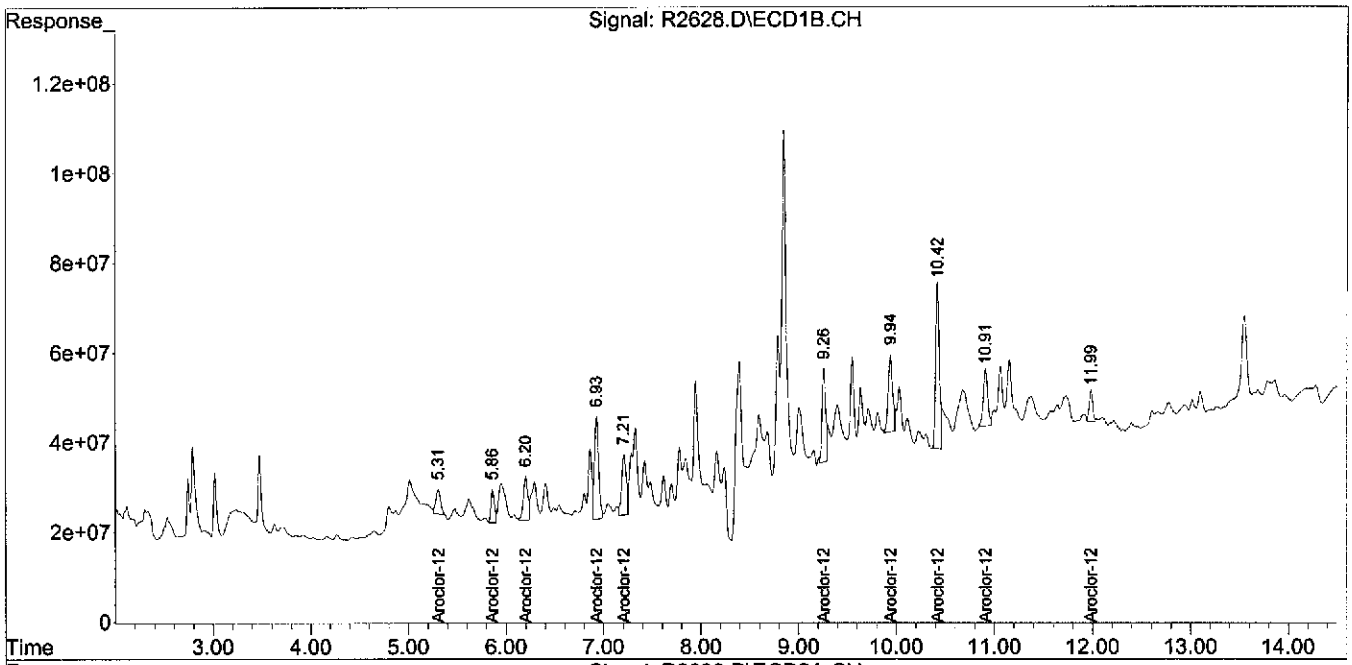
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

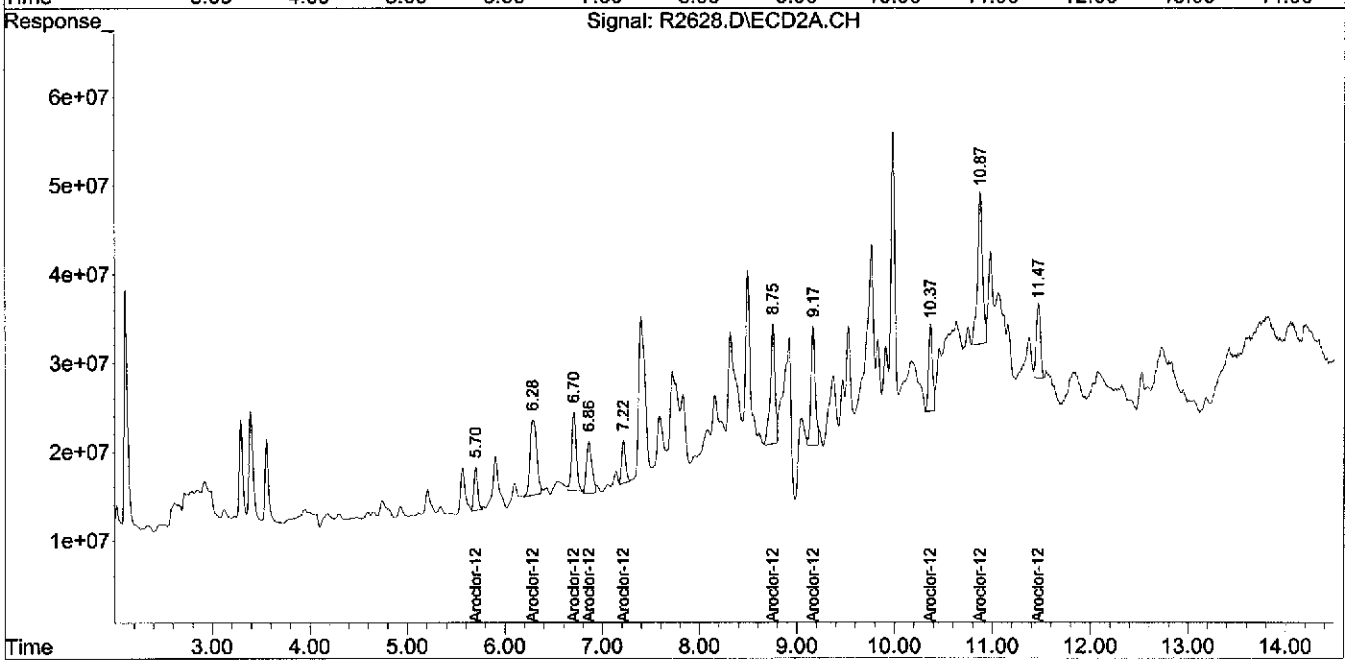
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2628.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 9:21
Operator : YG
Sample : Q-39_(0-2.,07487-039,S,5.01g,11.3,08/01/12,4
Misc : 120801-11,07/25/12,07/25/12,100
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:23:04 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : Y8304.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Aug 2012 2:23
Operator : YG
Sample : Q-39_(2.0-,07487-040,S,5.02g,14.1,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,10
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 11:15:57 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	1814.7E6	635.4E6	19.088	18.178
Spiked Amount 200.000			Recovery	=	9.54%	9.09%
2) S DCB	12.11	12.50	363.9E6	153.0E6	17.657m	17.800m
Spiked Amount 200.000			Recovery	=	8.83%	8.90%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	6.46	7.11	1698.4E6	655.6E6	288.319	302.578
29) L7 Aroclor-1254 {2}	6.89	7.70	807.3E6	234.4E6	208.106	137.223 #
30) L7 Aroclor-1254 {3}	7.06	8.31	1716.3E6	384.5E6	231.560	228.321
31) L7 Aroclor-1254 {4}	7.47	8.54	3414.6E6	984.8E6	444.007	1021.452 #
32) L7 Aroclor-1254 {5}	8.34	9.13	3439.0E6	1290.1E6	498.406	539.591
Sum Aroclor-1254			11075.6E6	3549.5E6	1670.398	2229.165
Average Aroclor-1254					334.080	445.833
33) L8 Aroclor-1260	8.34	7.88	3439.0E6	876.8E6	473.465	815.283 #
34) L8 Aroclor-1260 {2}	9.01	8.13	1765.9E6	844.1E6	557.263	532.684
35) L8 Aroclor-1260 {3}	9.48	9.72	4478.8E6	783.7E6	542.708	591.579
36) L8 Aroclor-1260 {4}	9.96	10.23	1584.7E6	1679.1E6	383.450	581.847 #
37) L8 Aroclor-1260 {5}	11.02	10.81	1184.0E6	1158.0E6	703.527	569.718
Sum Aroclor-1260			12452.6E6	5341.7E6	2660.413	3091.112
Average Aroclor-1260					532.083	618.222
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : Y8304.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Aug 2012 2:23
Operator : YG
Sample : Q-39_(2.0-,07487-040,S,5.02g,14.1,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,10
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 11:15:57 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2

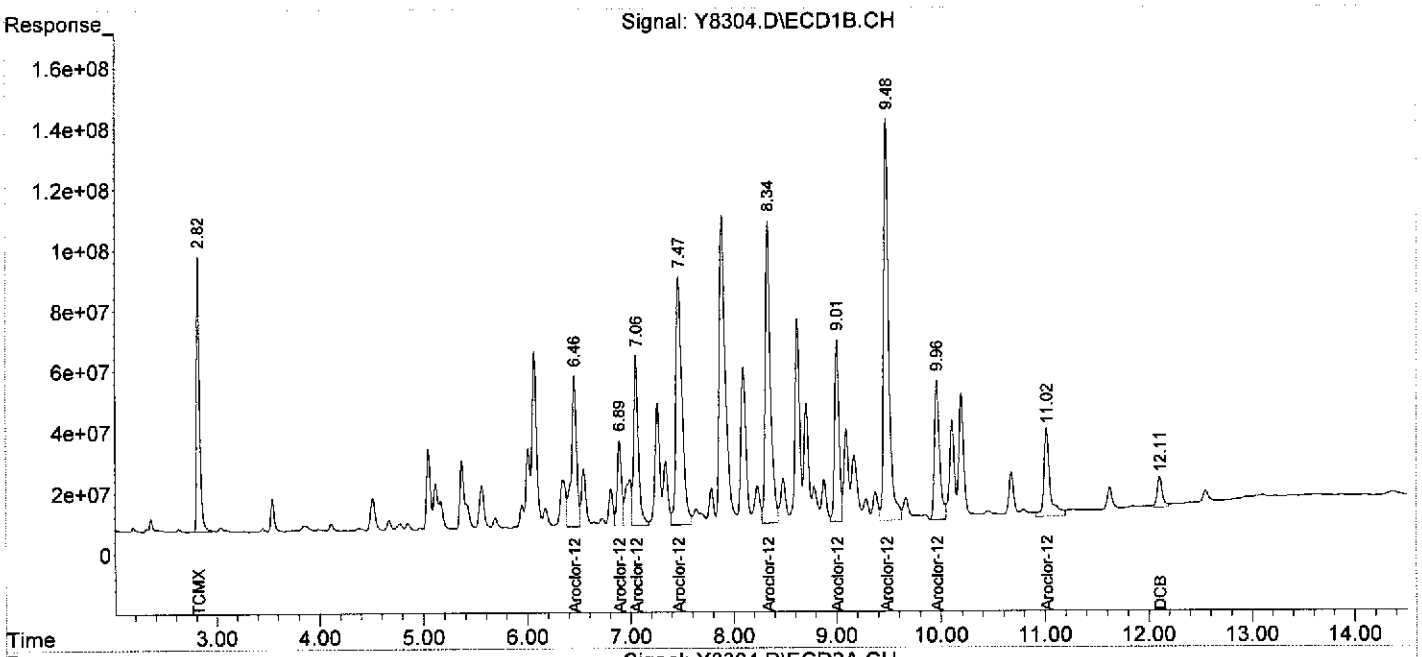
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

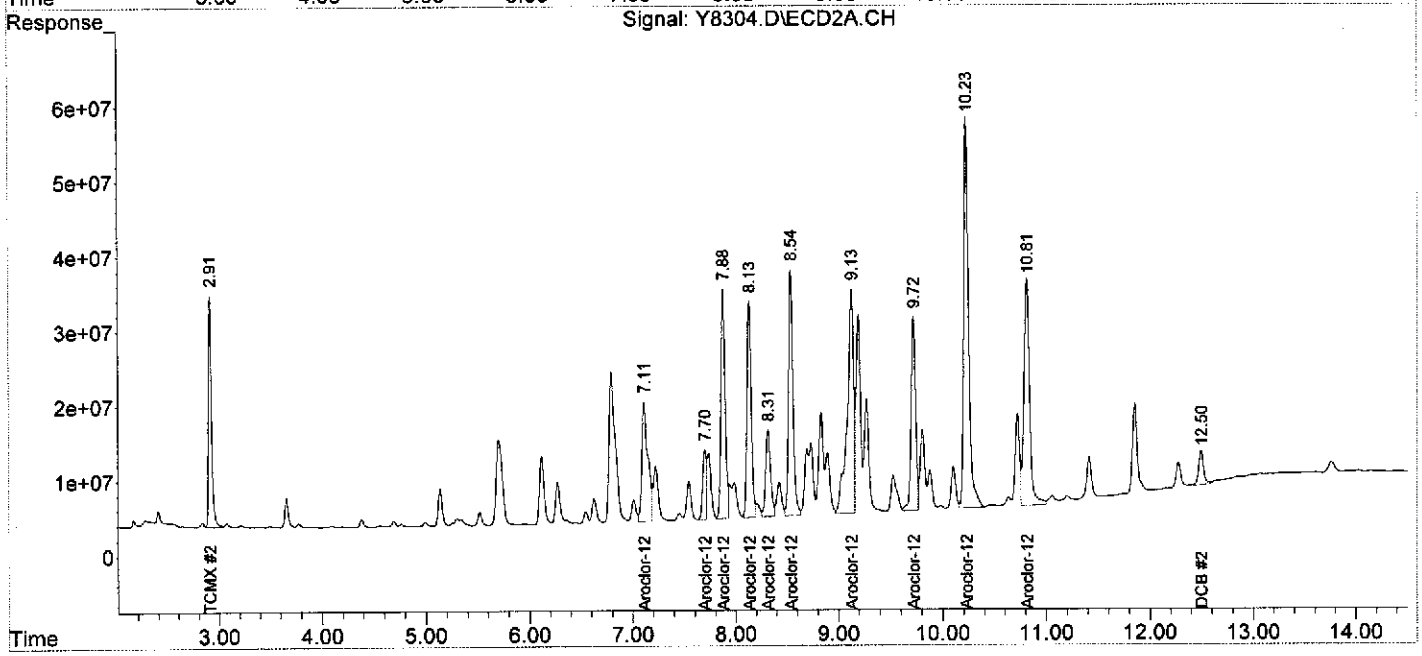
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : Y8304.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Aug 2012 2:23
Operator : YG
Sample : Q-39_(2.0-,07487-040,S,5.02g,14.1,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,10
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 11:15:57 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : Y8305.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Aug 2012 2:40
Operator : YG
Sample : Q-39_(3.0-,07487-041,S,5.20g,40.8,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,5000
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 11:16:46 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.34	7.88	2965.9E6	651.6E6	408.328	605.948 #
34) L8 Aroclor-1260 {2}	9.01	8.13	2004.7E6	830.0E6	632.606	523.790
35) L8 Aroclor-1260 {3}	9.48	9.72	5240.1E6	856.5E6	634.953	646.508
36) L8 Aroclor-1260 {4}	9.96	10.23	1975.2E6	1955.7E6	477.943	677.687 #
37) L8 Aroclor-1260 {5}	11.02	10.81	1248.9E6	1330.0E6	742.093	654.365
Sum Aroclor-1260			13434.9E6	5623.9E6	2895.923	3108.298
Average Aroclor-1260					579.185	621.660
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

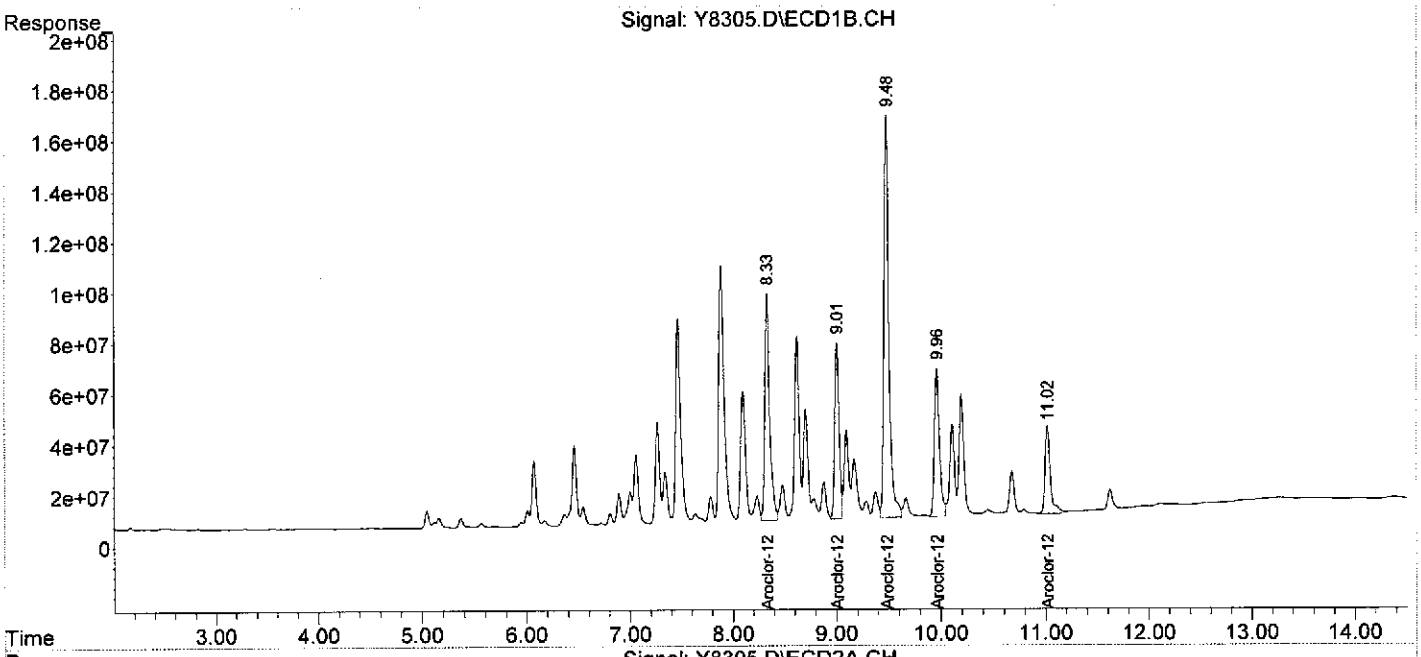
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

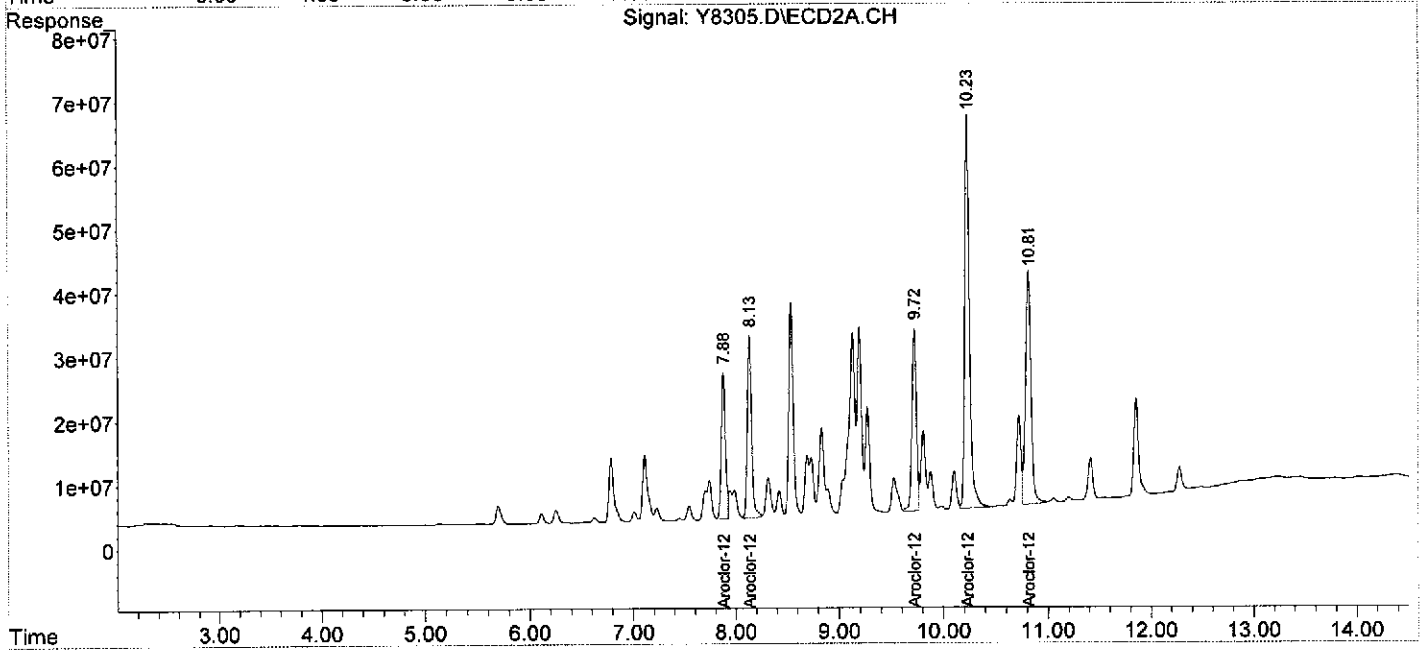
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : Y8305.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Aug 2012 2:40
Operator : YG
Sample : Q-39_(3.0-,07487-041,S,5.20g,40.8,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,5000
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 11:16:46 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-09-12\
Data File : Y8253.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 21:39
Operator : YG
Sample : Q-39_(4.0-,07487-042,S,5.08g,22.8,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,1000
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:43:39 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.33	7.88	3437.7E6	1215.7E6	473.286	1130.480 #
34) L8 Aroclor-1260 {2}	9.00	8.13	2705.3E6	1295.9E6	853.685	817.817
35) L8 Aroclor-1260 {3}	9.48	9.72	7952.6E6	1398.4E6	963.629	1055.543
36) L8 Aroclor-1260 {4}	9.96	10.22	2781.9E6	3158.0E6	673.127	1094.277 #
37) L8 Aroclor-1260 {5}	11.02	10.81	1976.2E6	2280.4E6	1174.205	1121.929
Sum Aroclor-1260			18853.7E6	9348.4E6	4137.931	5220.046
Average Aroclor-1260					827.586	1044.009
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

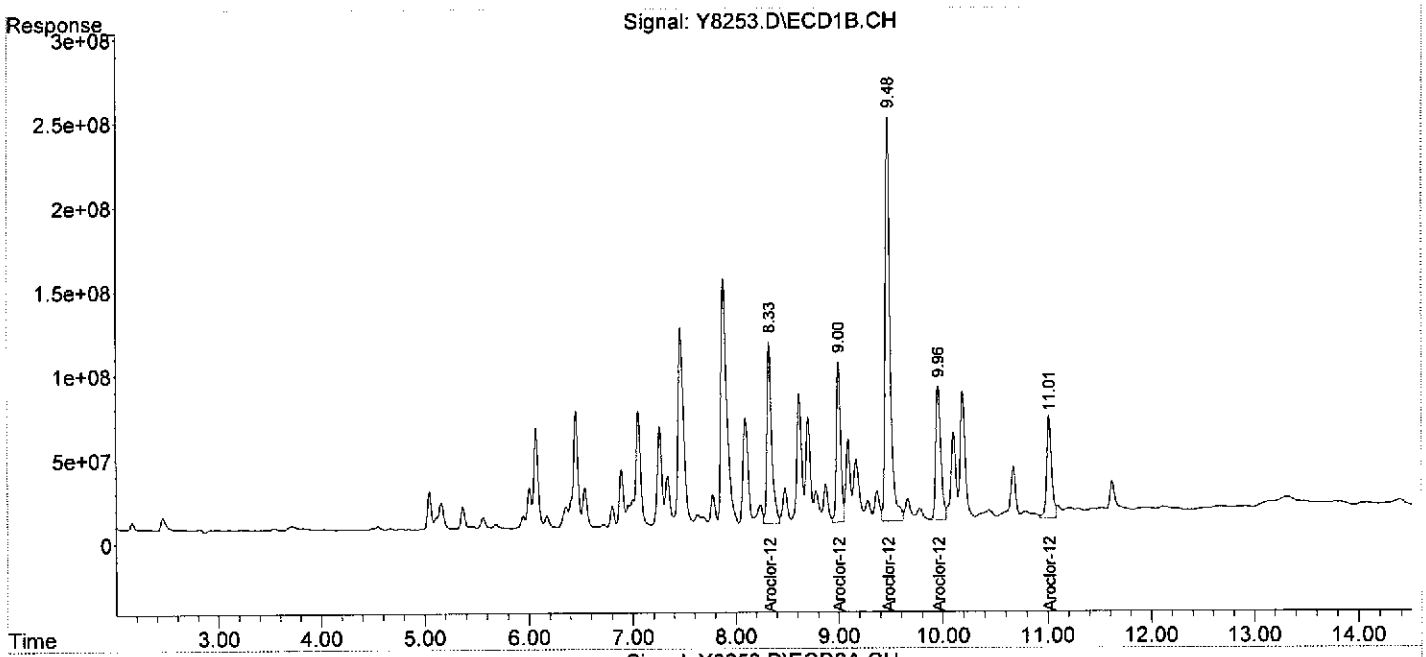
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

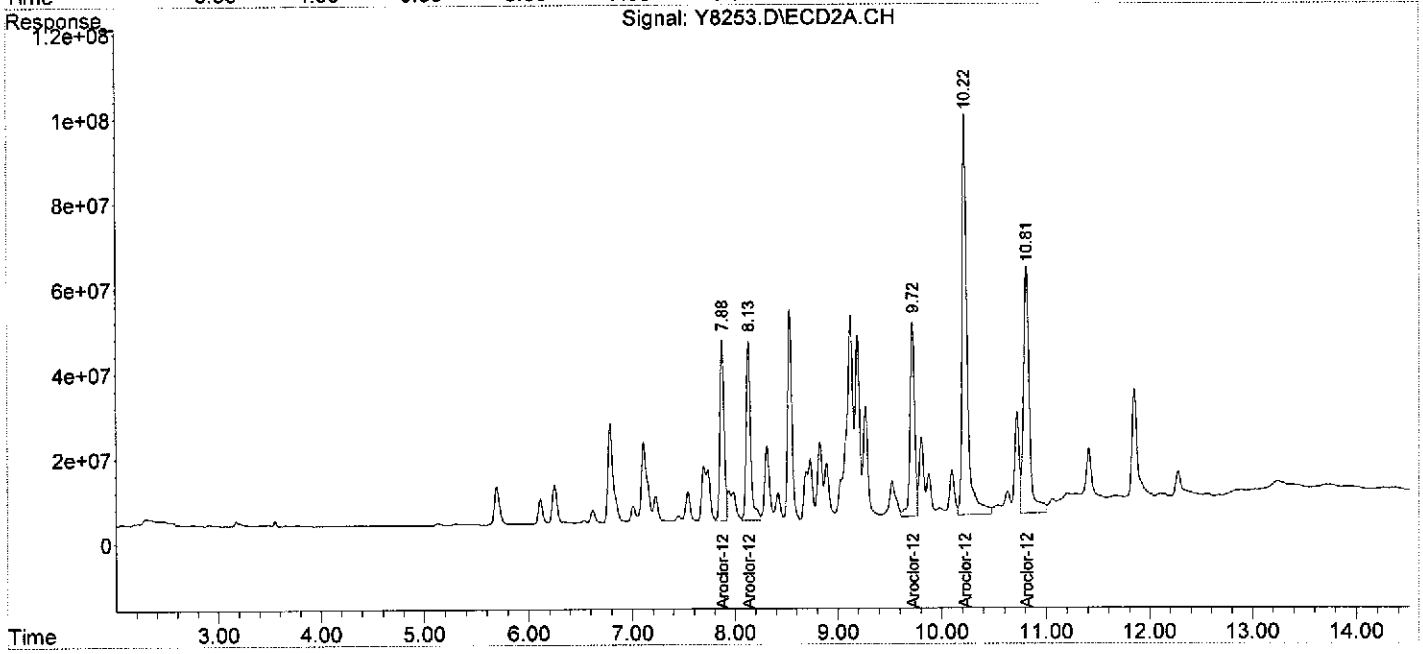
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-09-12\
Data File : Y8253.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 21:39
Operator : YG
Sample : Q-39_(4.0-,07487-042,S,5.08g,22.8,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,1000
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:43:39 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : Y8306.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Aug 2012 2:57
Operator : YG
Sample : Q-39_(6.0-,07487-043,S,5.03g,68.1,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,100
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 11:56:43 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.51	5.13	352.3E6	123.9E6	79.911	77.696
24) L6 Aroclor-1248 {2}	5.05	5.70	350.7E6	243.9E6	144.680	104.122 #
25) L6 Aroclor-1248 {3}	5.37	6.11	388.5E6	142.1E6	126.621	83.882 #
26) L6 Aroclor-1248 {4}	6.07	6.26	803.3E6	147.1E6	144.145	101.187 #
27) L6 Aroclor-1248 {5}	6.34	6.62	386.9E6	73865257	92.880	87.974
Sum Aroclor-1248			2281.8E6	730.8E6	588.237	454.860
Average Aroclor-1248					117.647	90.972
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.33	7.88	2009.1E6	562.8E6	276.597	523.343 #
34) L8 Aroclor-1260 {2}	9.01	8.13	1099.9E6	519.9E6	347.094	328.110
35) L8 Aroclor-1260 {3}	9.48	9.72	3046.4E6	524.5E6	369.138	395.902
36) L8 Aroclor-1260 {4}	9.96	10.23	1154.7E6	1211.0E6	279.408	419.631 #
37) L8 Aroclor-1260 {5}	11.02	10.81	684.6E6	867.2E6	406.742	426.647
Sum Aroclor-1260			7994.7E6	3685.4E6	1678.978	2093.633
Average Aroclor-1260					335.796	418.727
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

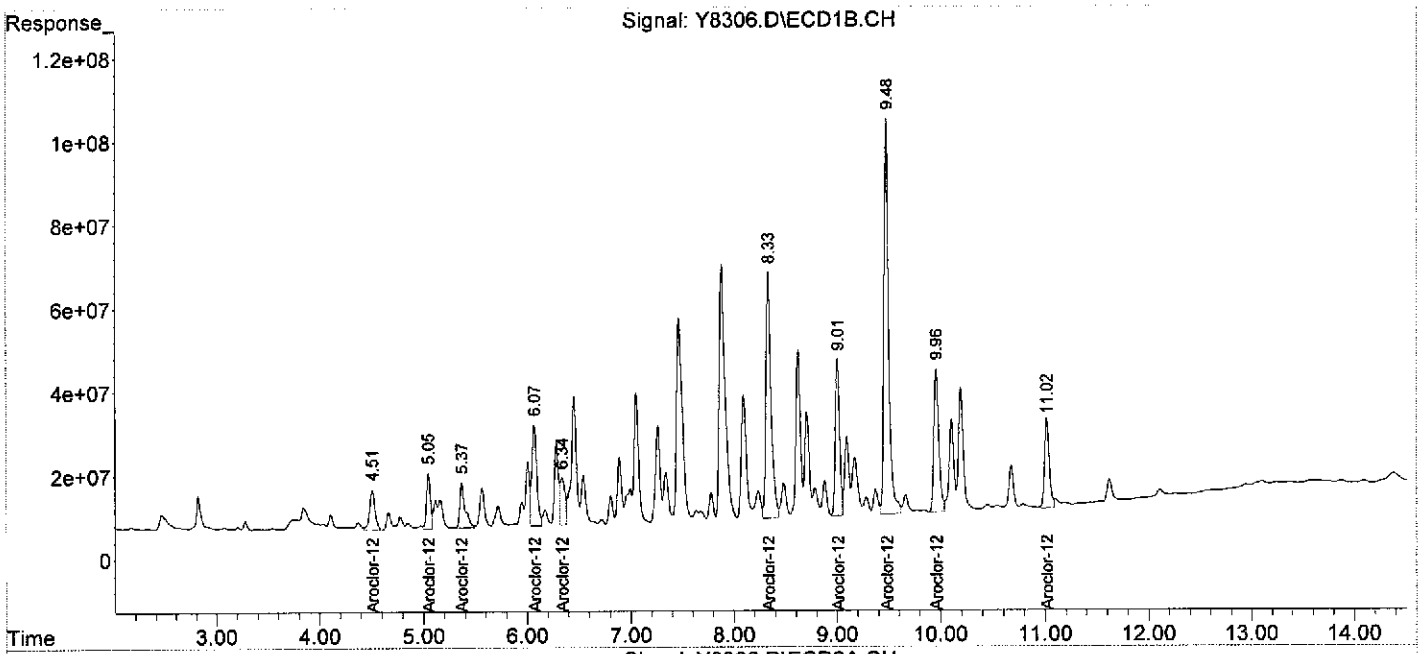
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

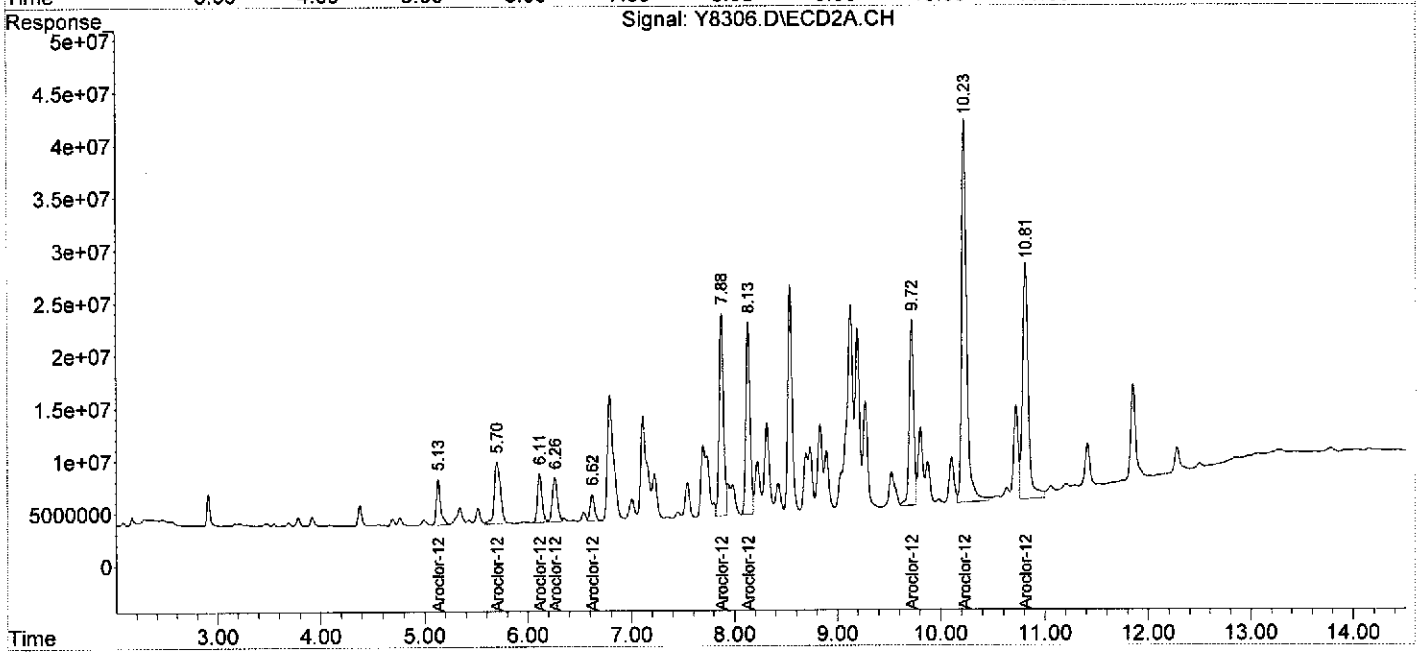
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : Y8306.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Aug 2012 2:57
Operator : YG
Sample : Q-39_(6.0-,07487-043,S,5.03g,68.1,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,100
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 11:56:43 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-09-12\
Data File : Y8255.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 22:13
Operator : YG
Sample : Q-39_(7.0-,07487-044,S,5.58g,20.0,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,1
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:44:13 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	19804.1E6	5056.2E6	208.310	144.660 #
Spiked Amount 200.000			Recovery	=	104.16%	72.33%
2) S DCB	12.10	12.49	4486.9E6	1811.2E6	217.723m	210.765m
Spiked Amount 200.000			Recovery	=	108.86%	105.38%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

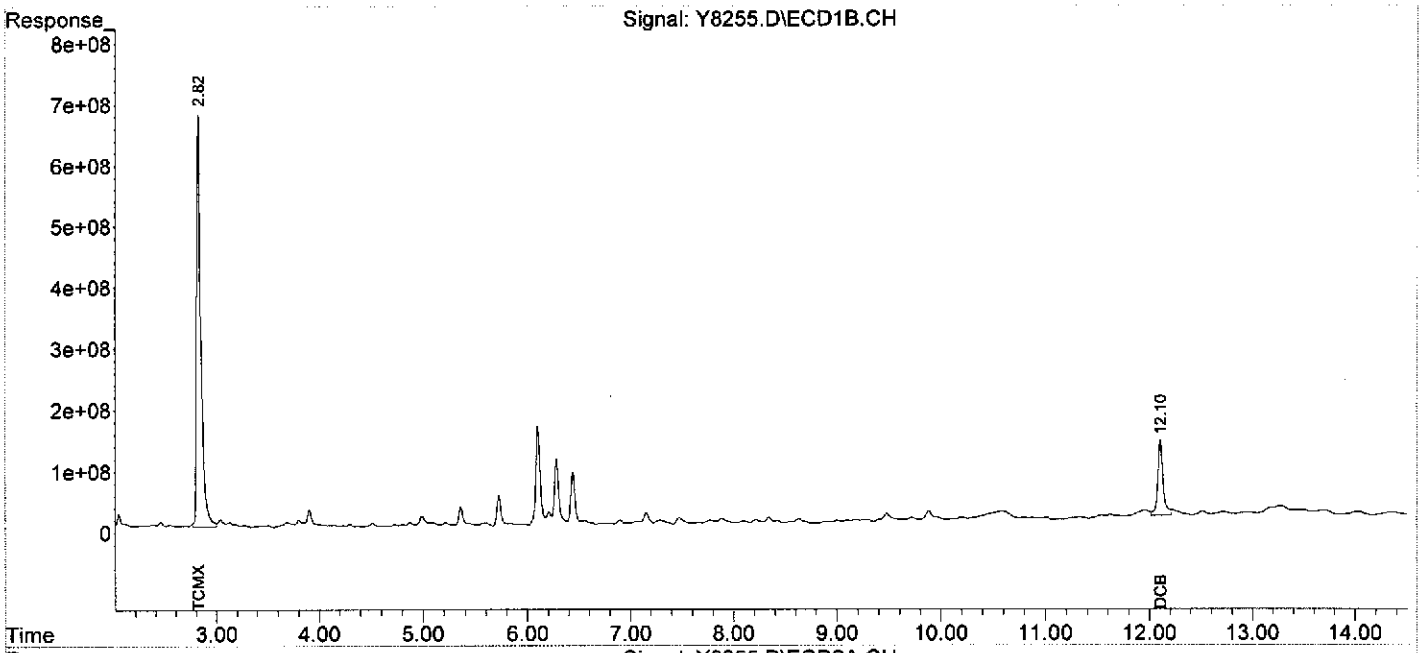
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

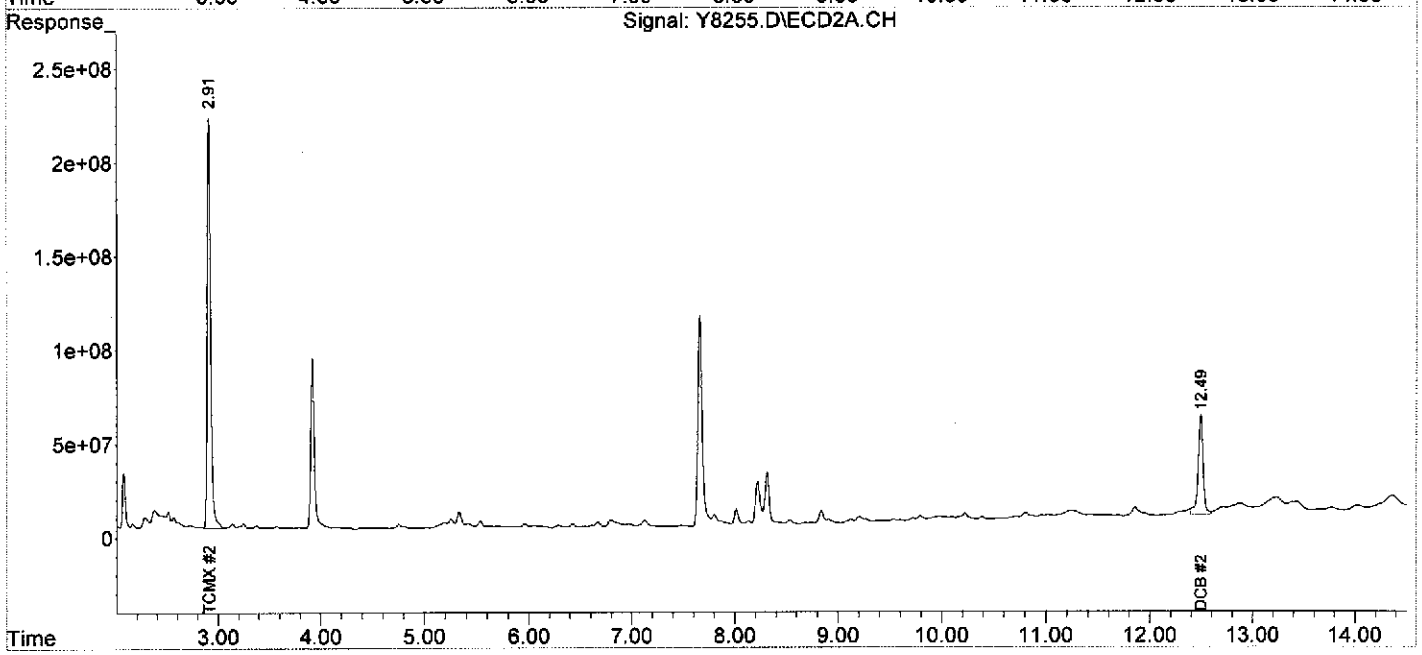
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-09-12\
Data File : Y8255.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 22:13
Operator : YG
Sample : Q-39_(7.0-,07487-044,S,5.58g,20.0,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,1
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:44:13 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : Y8307.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Aug 2012 3:15
Operator : YG
Sample : P-39_(0-1.,07487-045,S,5.42g,15.2,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,100
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 11:21:12 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound		RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
System Monitoring Compounds								
Target Compounds								
Sum Aroclor-1016				0	0	N.D.	N.D.	
Average Aroclor-1016						0.000	0.000	
Sum Aroclor-1221				0	0	N.D.	N.D.	
Average Aroclor-1221						0.000	0.000	
Sum Aroclor-1232				0	0	N.D.	N.D.	
Average Aroclor-1232						0.000	0.000	
Sum Aroclor-1242				0	0	N.D.	N.D.	
Average Aroclor-1242						0.000	0.000	
23) L6 Aroclor-1248		4.52	5.14	421.8E6	166.1E6	95.665	104.211	
24) L6 Aroclor-1248	{2}	5.05	5.71	463.4E6	408.3E6	191.172	174.281	
25) L6 Aroclor-1248	{3}	5.37	6.12	559.8E6	293.5E6	182.440	173.277	
26) L6 Aroclor-1248	{4}	6.07	6.27	1260.0E6	214.3E6	226.083	147.443	#
27) L6 Aroclor-1248	{5}	6.34	6.62	680.3E6	124.0E6	163.322	147.713	
Sum Aroclor-1248				3385.3E6	1206.2E6	858.682	746.926	
Average Aroclor-1248						171.736	149.385	
Sum Aroclor-1254				0	0	N.D.	N.D.	
Average Aroclor-1254						0.000	0.000	
33) L8 Aroclor-1260		8.34	7.88	700.8E6	346.9E6	96.485	322.569	#
34) L8 Aroclor-1260	{2}	9.01	8.13	188.6E6	196.3E6	59.523	123.859	#
35) L8 Aroclor-1260	{3}	9.48	9.72	531.3E6	115.4E6	64.374	87.138	#
36) L8 Aroclor-1260	{4}	9.96	10.23	215.9E6	230.9E6	52.246	80.004	#
37) L8 Aroclor-1260	{5}	11.02	10.81	145.2E6	189.5E6	86.273m	93.230	
Sum Aroclor-1260				1781.8E6	1079.0E6	358.901	706.801	
Average Aroclor-1260						71.780	141.360	
Sum Aroclor-1262				0	0	N.D.	N.D.	
Average Aroclor-1262						0.000	0.000	
Sum Aroclor-1268				0	0	N.D.	N.D.	
Average Aroclor-1268						0.000	0.000	

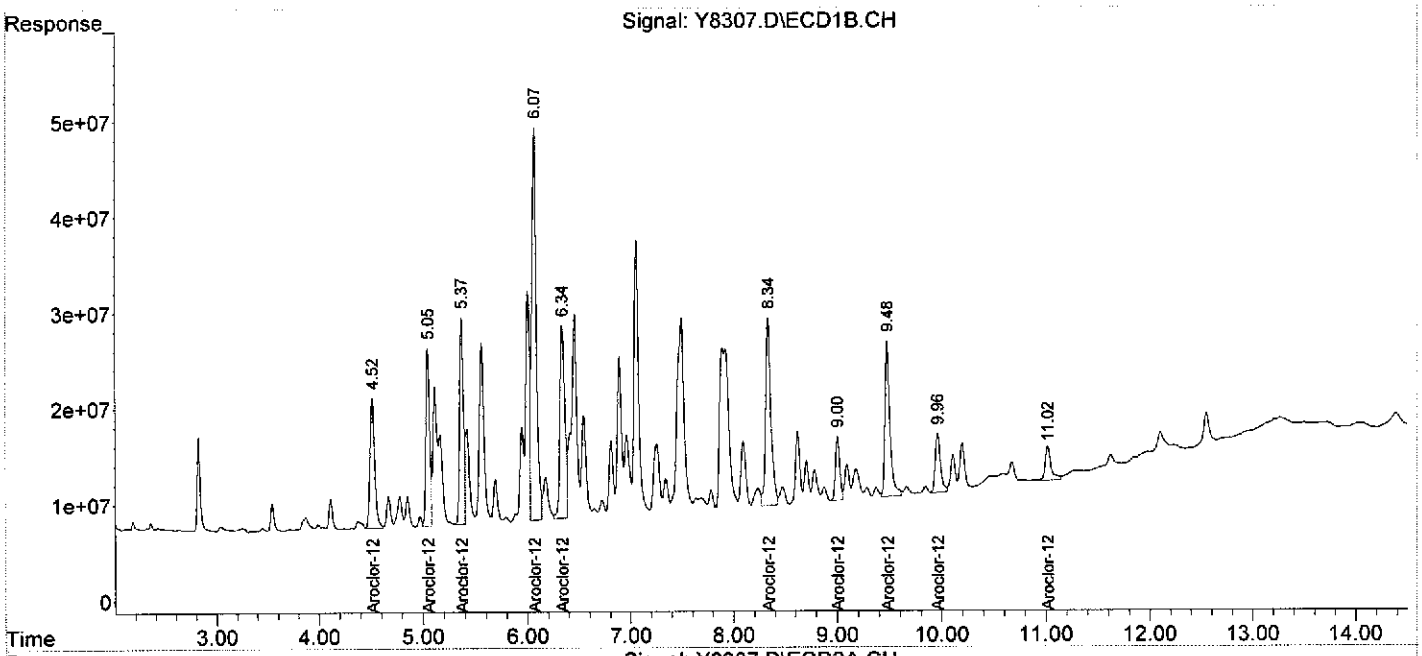
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

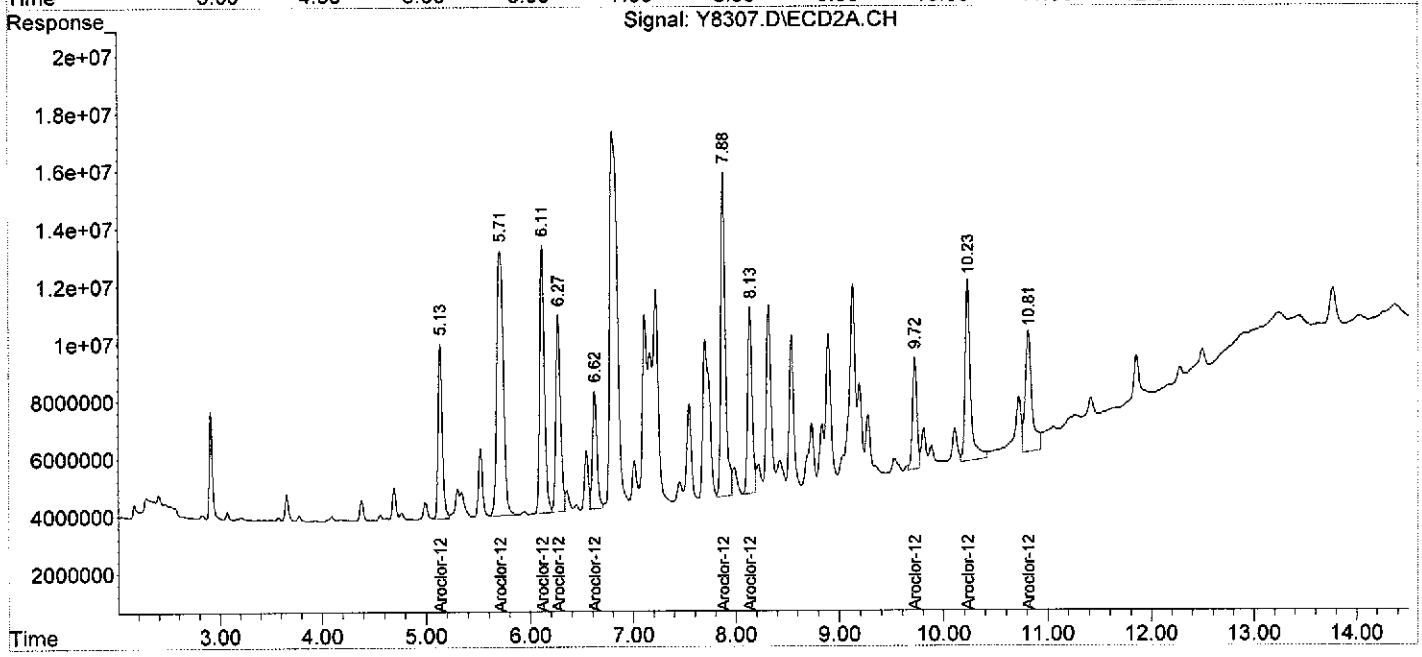
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : Y8307.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Aug 2012 3:15
Operator : YG
Sample : P-39_(0-1.,07487-045,S,5.42g,15.2,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,100
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 11:21:12 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : Y8308.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Aug 2012 3:32
Operator : YG
Sample : P-39_(1.75,07487-046,S,5.14g,27.8,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,1000
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 11:26:21 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.34	7.88	6144.1E6	1676.7E6	845.892	1559.107 #
34) L8 Aroclor-1260 {2}	9.01	8.13	1992.6E6	1158.3E6	628.773	730.989
35) L8 Aroclor-1260 {3}	9.48	9.72	5411.5E6	1016.0E6	655.715	766.930
36) L8 Aroclor-1260 {4}	9.96	10.23	2221.9E6	2079.9E6	537.626	720.723 #
37) L8 Aroclor-1260 {5}	11.02	10.81	1038.7E6	1441.3E6	617.149	709.120
Sum Aroclor-1260			16808.7E6	7372.3E6	3285.154	4486.870
Average Aroclor-1260					657.031	897.374
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

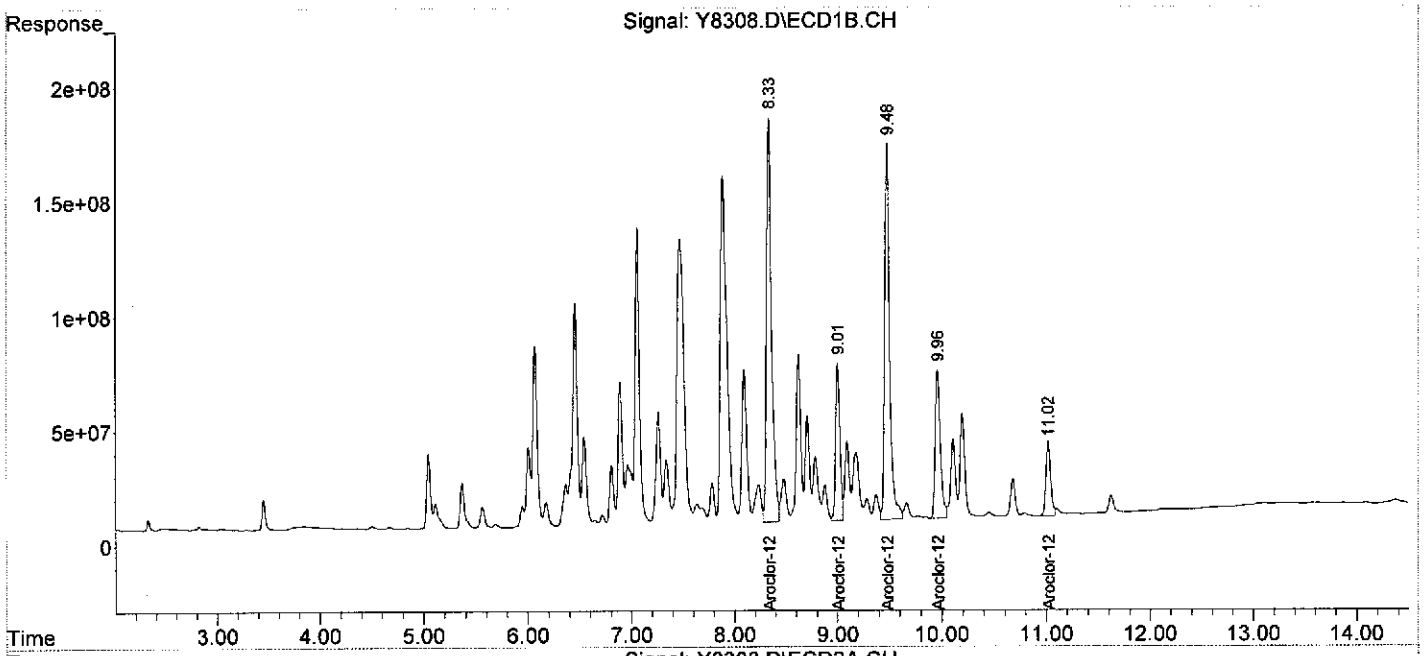
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

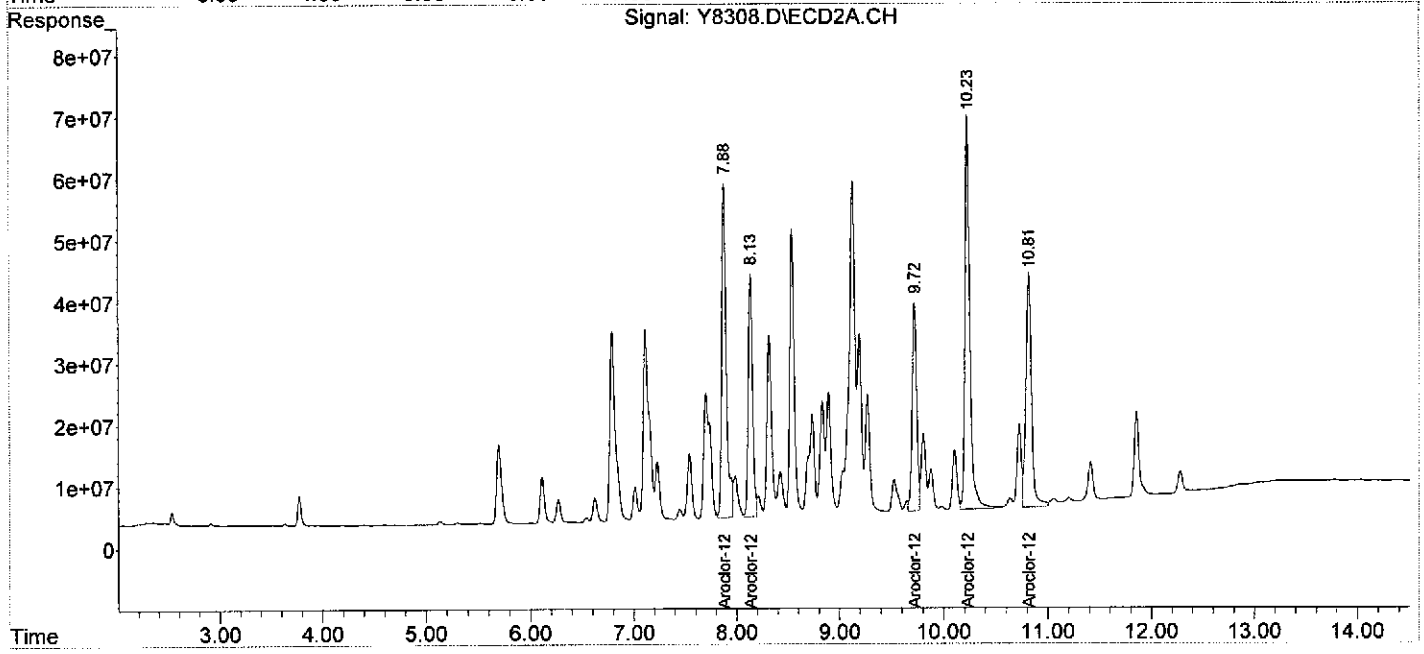
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : Y8308.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Aug 2012 3:32
Operator : YG
Sample : P-39_(1.75,07487-046,S,5.14g,27.8,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,1000
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 11:26:21 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : Y8260.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 11:05
Operator : YG
Sample : P-39_(2.0-,07487-047,S,5.82g,16.5,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,10
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:47:21 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	1490.9E6	543.8E6	15.682	15.559
Spiked Amount 200.000			Recovery	=	7.84%	7.78%
2) S DCB	12.11	12.49	659.2E6	145.7E6	31.988m	16.950m#
Spiked Amount 200.000			Recovery	=	15.99%	8.47%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.33	7.88	9734.3E6	2496.9E6	1340.165	2321.818 #
34) L8 Aroclor-1260 {2}	9.00	8.13	3103.4E6	1782.5E6	979.304	1124.842
35) L8 Aroclor-1260 {3}	9.48	9.72	9855.0E6	1712.9E6	1194.139	1292.900
36) L8 Aroclor-1260 {4}	9.96	10.23	4281.0E6	3112.7E6	1035.868	1078.586
37) L8 Aroclor-1260 {5}	11.01	10.81	1957.4E6	2506.0E6	1163.061	1232.928
Sum Aroclor-1260			28931.1E6	11610.8E6	5712.538	7051.073
Average Aroclor-1260					1142.508	1410.215
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

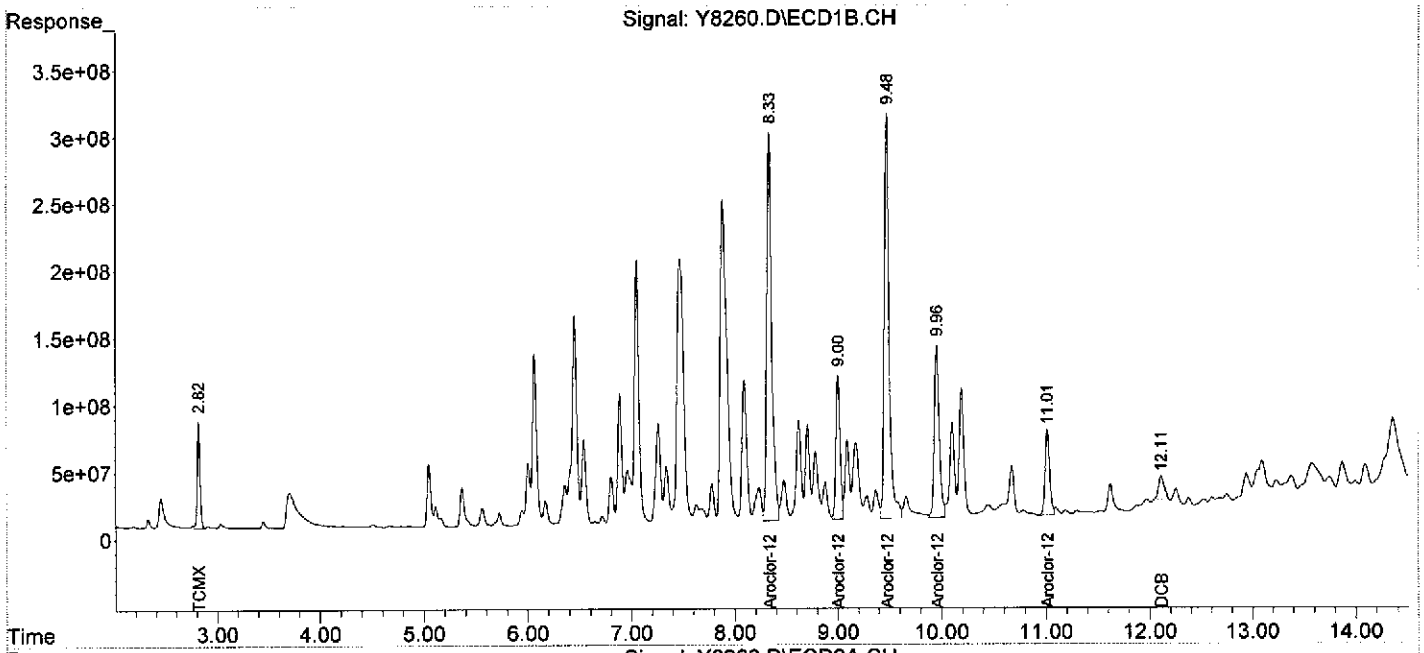
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

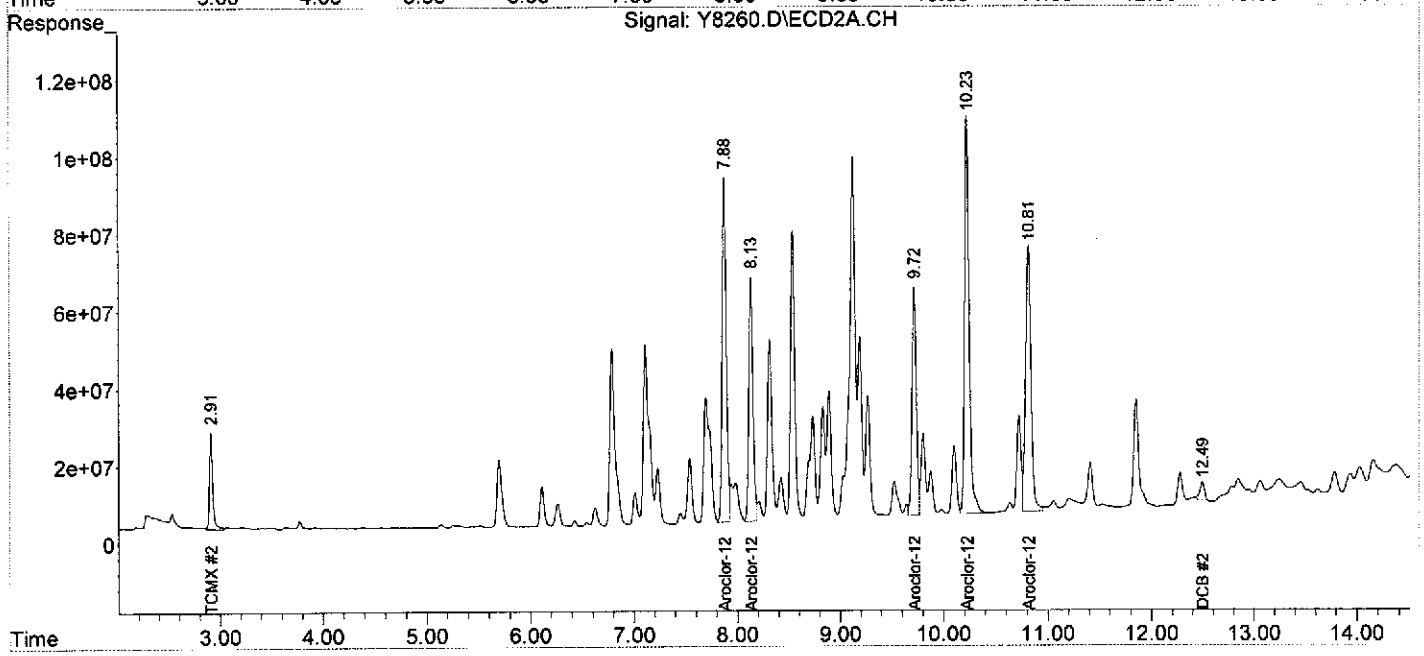
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : Y8260.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 11:05
Operator : YG
Sample : P-39_(2.0-,07487-047,S,5.82g,16.5,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,10
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:47:21 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : Y8309.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Aug 2012 3:49
Operator : YG
Sample : P-39_(3.0-,07487-048,S,5.51g,12.5,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,1000
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 11:27:18 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	6.46	7.11	2179.7E6	844.7E6	370.026	389.846
29) L7 Aroclor-1254 {2}	6.89	7.70	1356.9E6	635.4E6	349.801	371.957
30) L7 Aroclor-1254 {3}	7.06	8.31	2768.4E6	656.9E6	373.498	390.048
31) L7 Aroclor-1254 {4}	7.50	8.54	2944.3E6	414.2E6	382.859	429.648
32) L7 Aroclor-1254 {5}	8.34	9.13	2456.0E6	952.2E6	355.945	398.247
Sum Aroclor-1254			11705.4E6	3503.4E6	1832.129	1979.746
Average Aroclor-1254					366.426	395.949
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

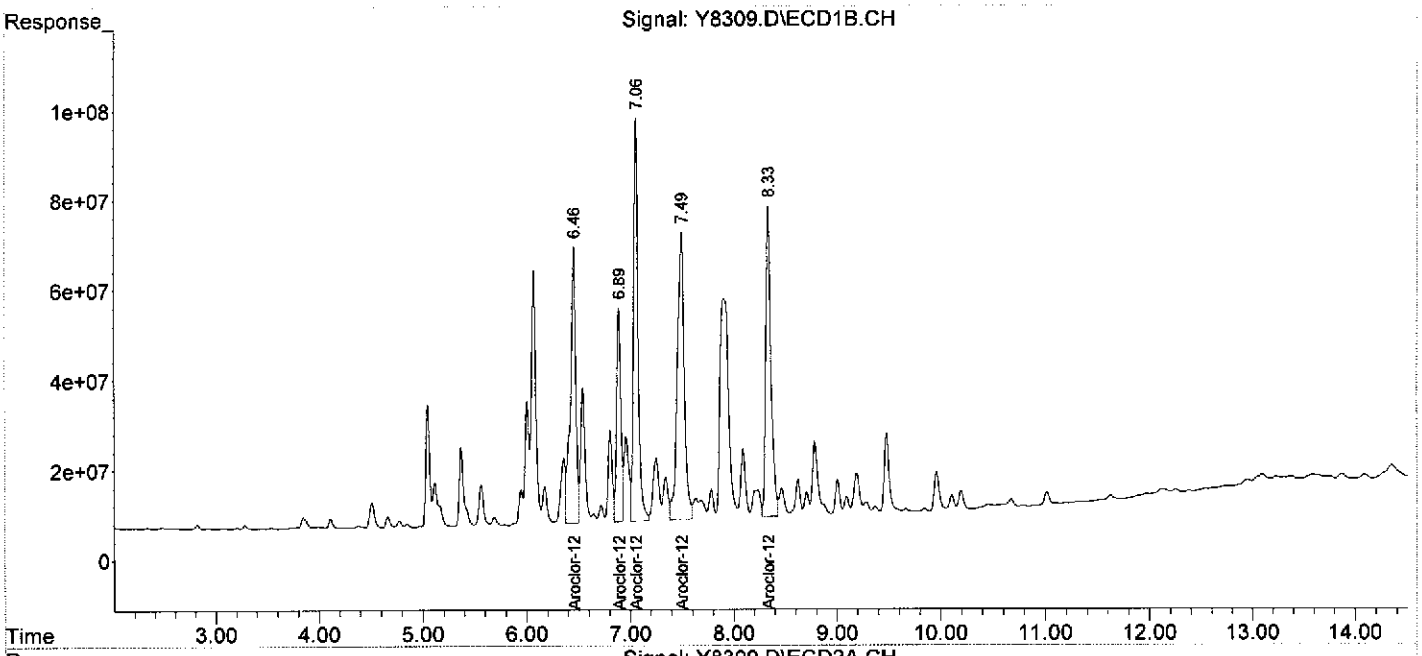
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

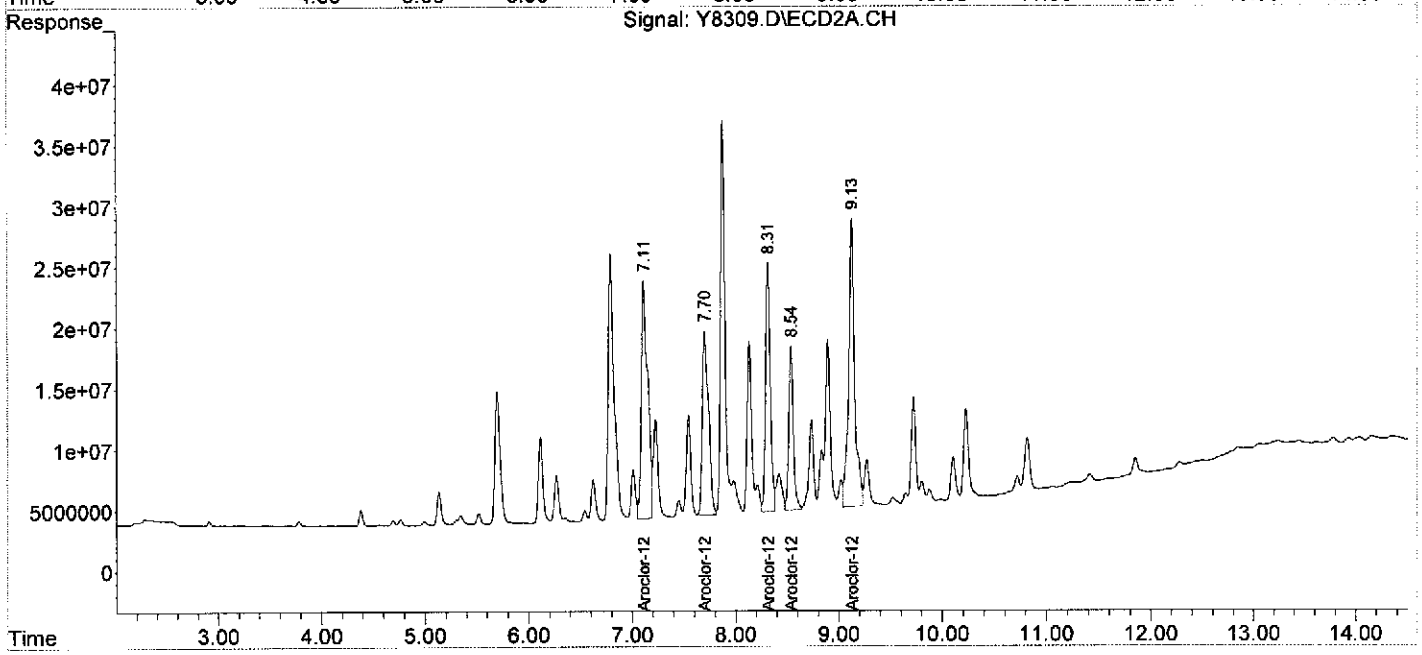
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : Y8309.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Aug 2012 3:49
Operator : YG
Sample : P-39_(3.0-,07487-048,S,5.51g,12.5,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,1000
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 11:27:18 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : Y8310.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Aug 2012 4:06
Operator : YG
Sample : P-39_(4.0-,07487-049,S,5.08g,25.3,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,1000
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 11:30:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.51	5.13	1229.0E6	442.4E6	278.747	277.553
24) L6 Aroclor-1248 {2}	5.05	5.70	1871.2E6	1141.2E6	772.004	487.146 #
25) L6 Aroclor-1248 {3}	5.37	6.11	1885.6E6	661.5E6	614.495	390.528 #
26) L6 Aroclor-1248 {4}	6.07	6.27	4581.2E6	481.9E6	822.023	331.540 #
27) L6 Aroclor-1248 {5}	6.35	6.62	1649.6E6	324.2E6	396.019	386.120
Sum Aroclor-1248			11216.6E6	3051.3E6	2883.288	1872.886
Average Aroclor-1248					576.658	374.577
28) L7 Aroclor-1254	6.46	7.11	5594.7E6	1978.4E6	949.736	913.008
29) L7 Aroclor-1254 {2}	6.89	7.70	3083.7E6	1600.5E6	794.942	936.955
30) L7 Aroclor-1254 {3}	7.06	8.31	5880.6E6	1558.9E6	793.385	925.652
31) L7 Aroclor-1254 {4}	7.50	8.54	7630.9E6	1259.3E6	992.267	1306.117 #
32) L7 Aroclor-1254 {5}	8.33	9.13	5647.2E6	2362.6E6	818.438	988.191
Sum Aroclor-1254			27837.2E6	8759.6E6	4348.768	5069.923
Average Aroclor-1254					869.754	1013.985
33) L8 Aroclor-1260	8.33	7.88	5647.2E6	2475.0E6	777.483	2301.494 #
34) L8 Aroclor-1260 {2}	9.01	8.13	1330.3E6	1252.9E6	419.774	790.656 #
35) L8 Aroclor-1260 {3}	9.48	9.72	3481.5E6	929.6E6	421.860	701.684 #
36) L8 Aroclor-1260 {4}	9.96	10.23	1489.6E6	1285.7E6	360.441	445.530
37) L8 Aroclor-1260 {5}	11.02	10.81	739.0E6	924.7E6	439.074	454.951
Sum Aroclor-1260			12687.6E6	6868.0E6	2418.632	4694.316
Average Aroclor-1260					483.726	938.863
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : Y8310.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Aug 2012 4:06
Operator : YG
Sample : P-39_(4.0-,07487-049,S,5.08g,25.3,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,1000
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 11:30:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
Average Aroclor-1268					0.000	0.000

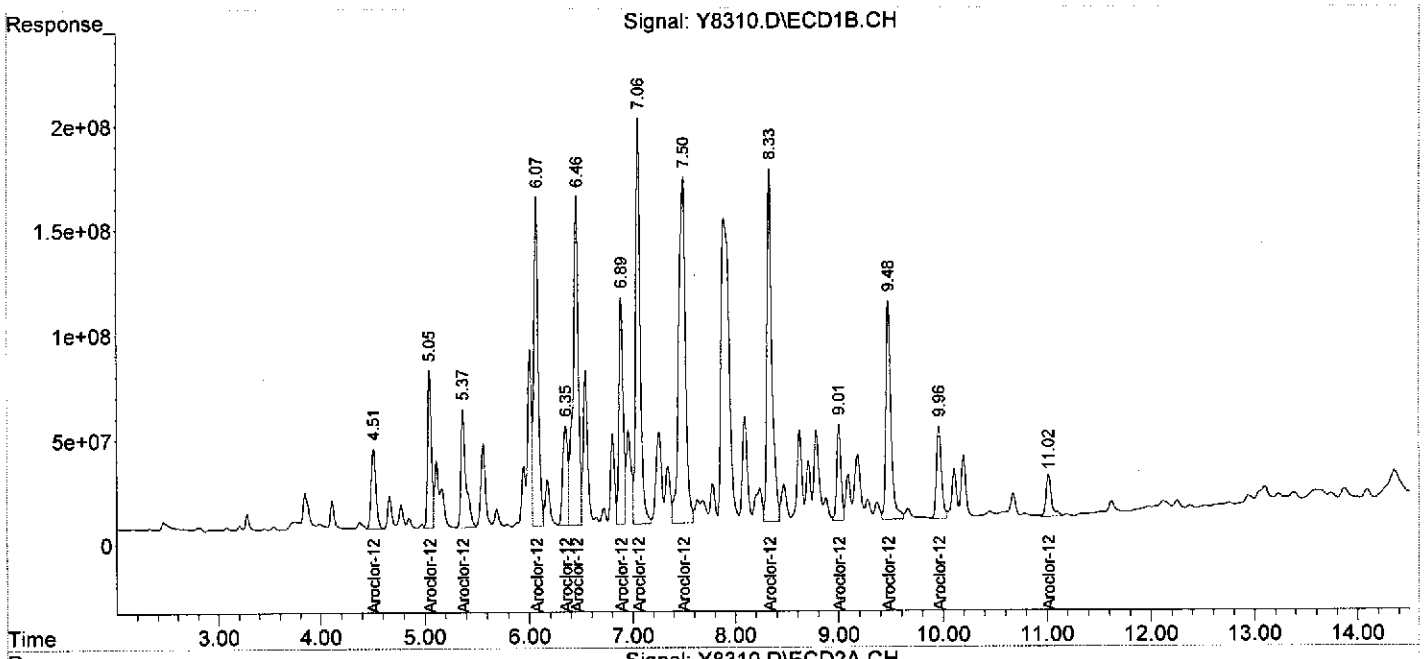
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

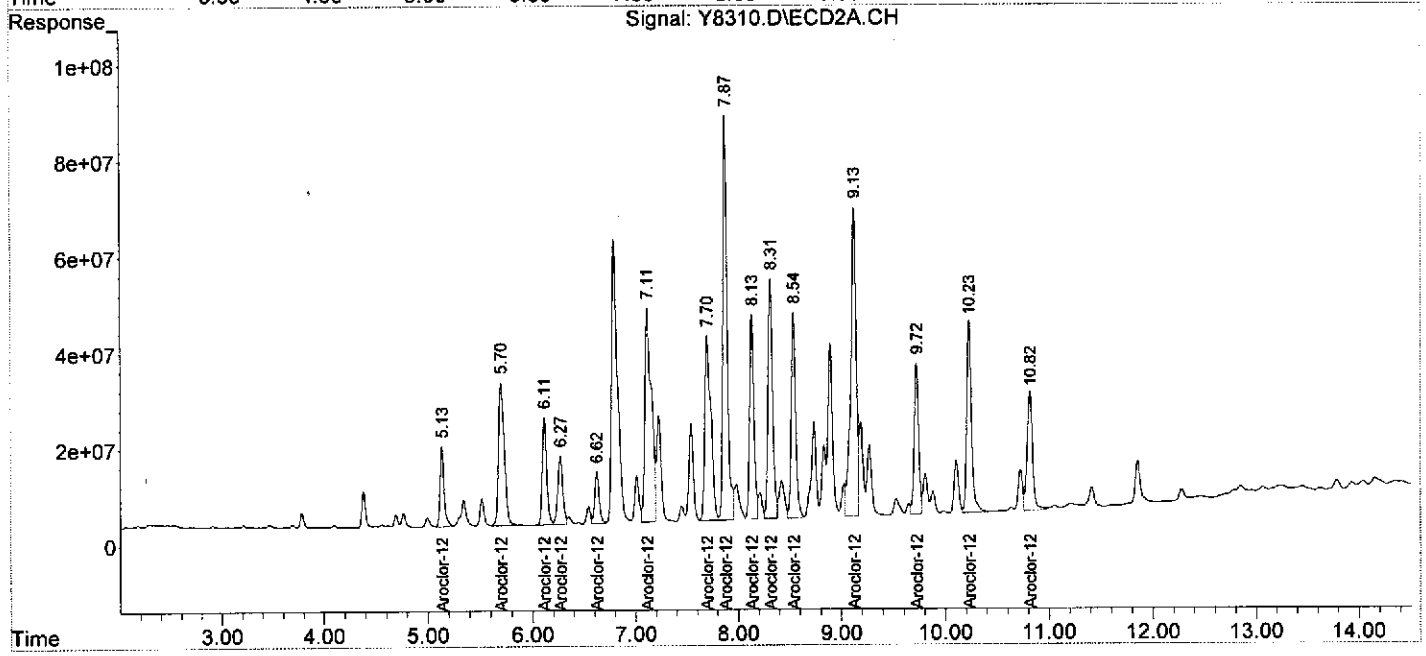
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : Y8310.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Aug 2012 4:06
Operator : YG
Sample : P-39_(4.0-,07487-049,S,5.08g,25.3,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,1000
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 11:30:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-12-12\
Data File : Y8313.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Aug 2012 13:34
Operator : YG
Sample : P-39_(4.25,07487-050,S,5.30g,77.4,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,1
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 11:32:43 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	22014.5E6	7265.1E6	231.560	207.857
Spiked Amount 200.000			Recovery	=	115.78%	103.93%
2) S DCB	12.11	12.50	3915.2E6	1765.9E6	189.985m	205.497m
Spiked Amount 200.000			Recovery	=	94.99%	102.75%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	6.45	7.11	924.6E6	336.5E6	156.958	155.311
29) L7 Aroclor-1254 {2}	6.89	7.70	573.2E6	256.3E6	147.753	150.021
30) L7 Aroclor-1254 {3}	7.06	8.31	1216.1E6	283.4E6	164.073	168.254
31) L7 Aroclor-1254 {4}	7.49	8.54	1371.4E6	215.5E6	178.331	223.548 #
32) L7 Aroclor-1254 {5}	8.33	9.13	1309.8E6	375.9E6	189.831	157.241
Sum Aroclor-1254			5395.2E6	1467.6E6	836.946	854.375
Average Aroclor-1254					167.389	170.875
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

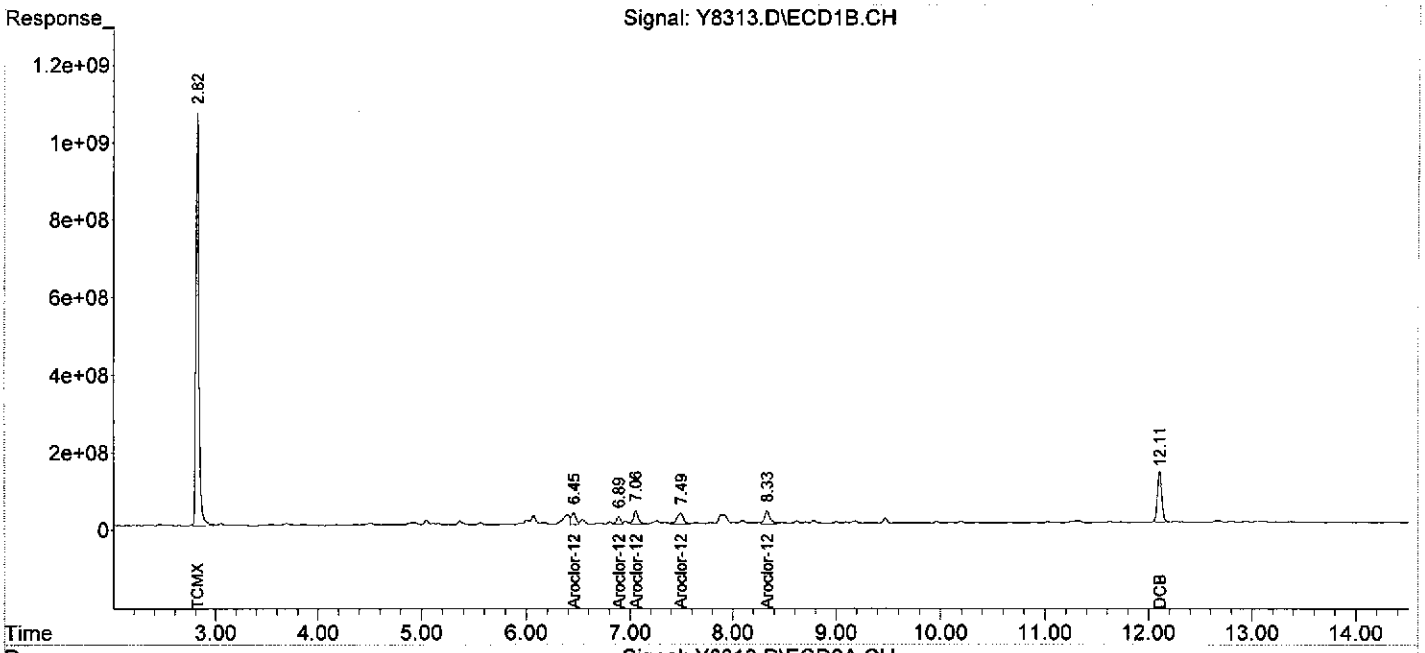
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

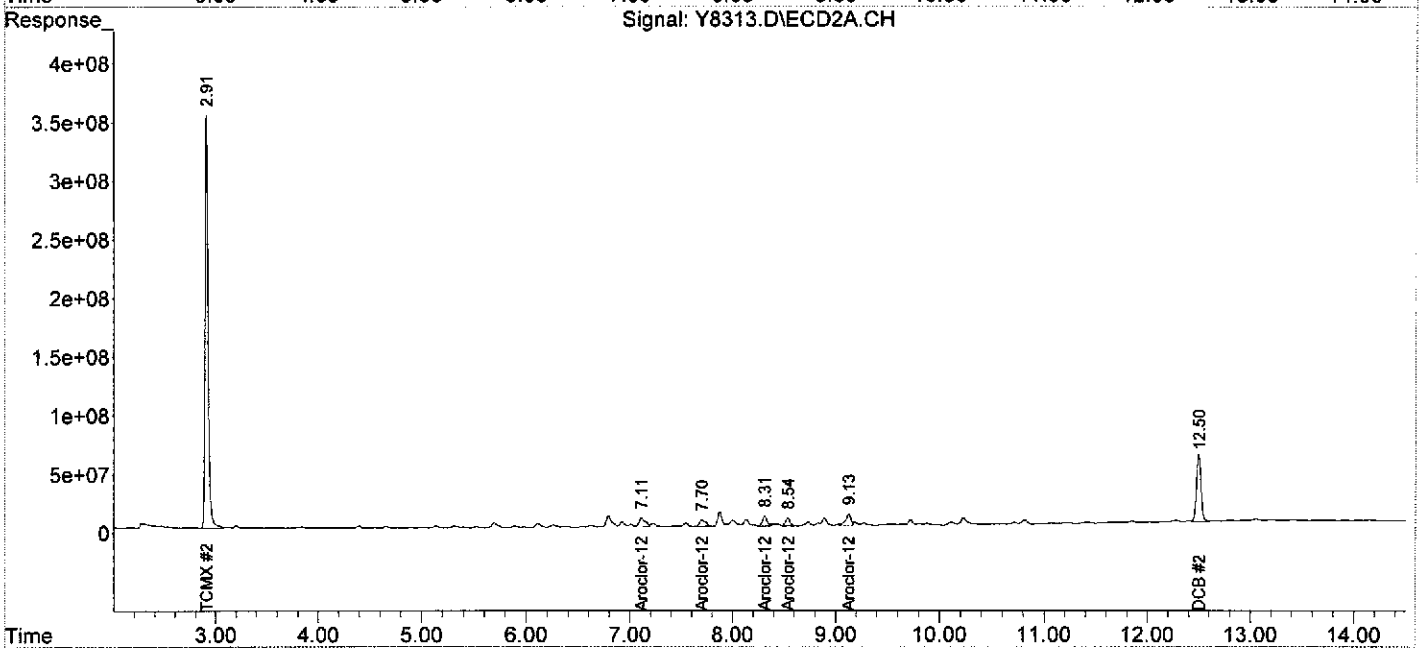
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-12-12\
Data File : Y8313.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Aug 2012 13:34
Operator : YG
Sample : P-39_(4.25,07487-050,S,5.30g,77.4,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,1
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 11:32:43 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : Y8264.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 12:14
Operator : YG
Sample : P-39_(6.0-,07487-051,S,5.06g,15.6,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,1
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:47:52 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	19283.8E6	6286.0E6	202.837	179.843
Spiked Amount 200.000			Recovery	=	101.42%	89.92%
2) S DCB	12.10	12.50	3248.1E6	1627.3E6	157.615m	189.361m
Spiked Amount 200.000			Recovery	=	78.81%	94.68%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

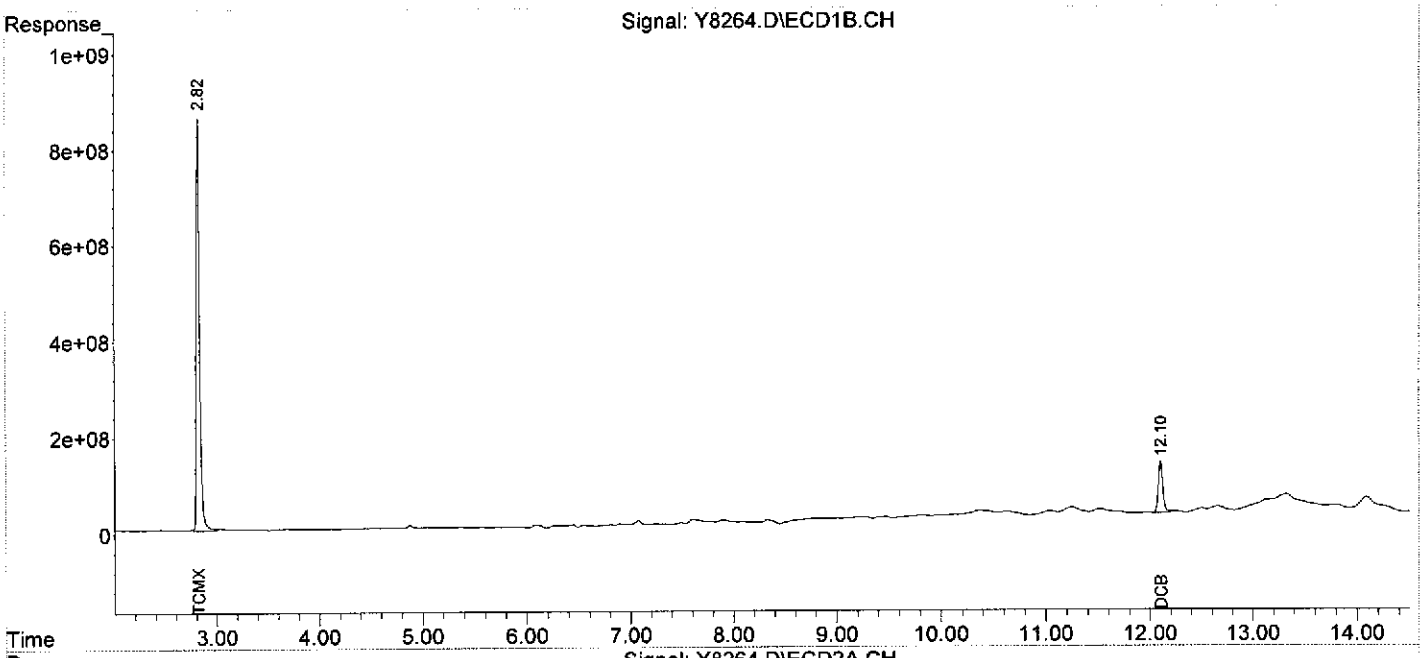
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

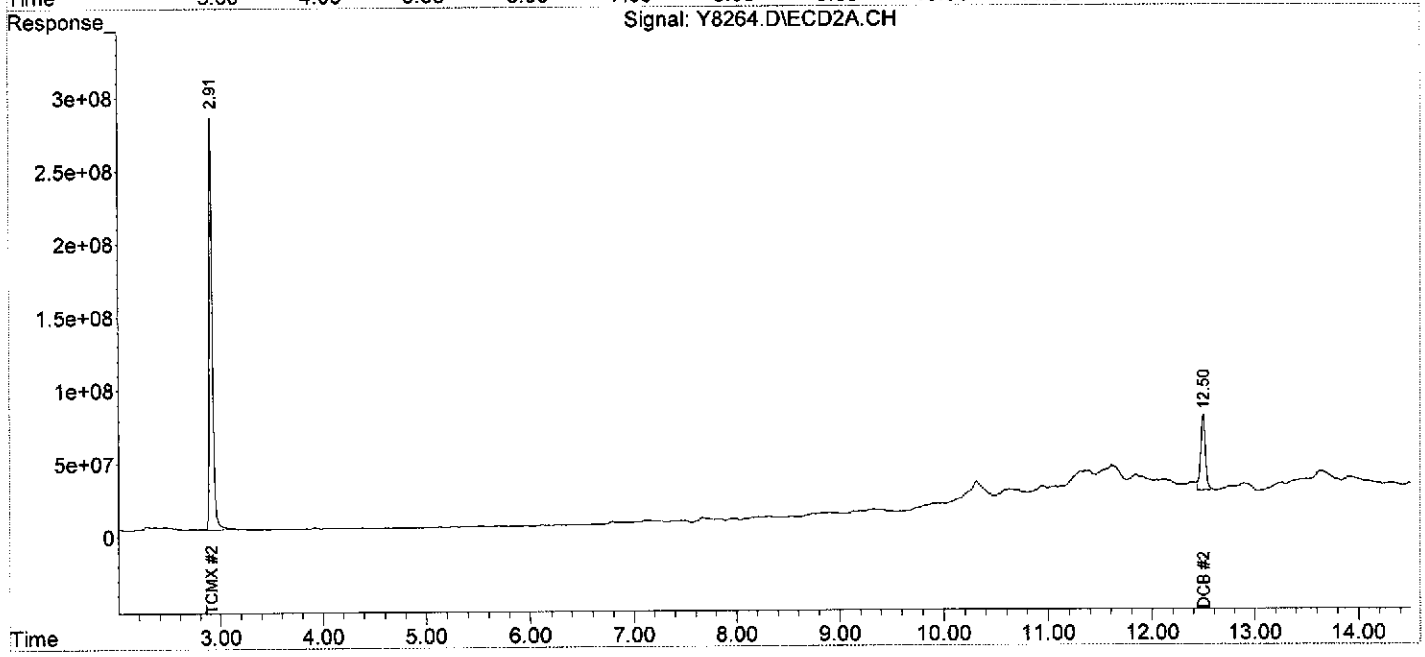
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : Y8264.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 12:14
Operator : YG
Sample : P-39_(6.0-,07487-051,S,5.06g,15.6,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,1
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:47:52 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : Y8265.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 12:31
Operator : YG
Sample : P-40_(0-2.,07487-052,S,5.01g,21.6,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,10
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:50:45 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	1535.0E6	516.1E6	16.146	14.765
Spiked Amount 200.000			Recovery	=	8.07%	7.38%
2) S DCB	12.11	12.50	310.1E6	111.7E6	15.049m	12.995m
Spiked Amount 200.000			Recovery	=	7.52%	6.50%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.52	5.14	1739.0E6	563.1E6	394.432	353.247
24) L6 Aroclor-1248 {2}	5.05	5.71	1460.7E6	1250.6E6	602.643	533.861
25) L6 Aroclor-1248 {3}	5.37	6.12	1989.3E6	932.3E6	648.312	550.391
26) L6 Aroclor-1248 {4}	6.07	6.27	5648.2E6	605.4E6	1013.466	416.458 #
27) L6 Aroclor-1248 {5}	6.34	6.62	3531.4E6	463.6E6	847.760	552.128 #
Sum Aroclor-1248			14368.6E6	3815.0E6	3506.612	2406.084
Average Aroclor-1248					701.322	481.217
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.34	7.88	2944.0E6	1219.9E6	405.312m	1134.395m#
34) L8 Aroclor-1260 {2}	9.01	8.13	680.9E6	680.6E6	214.856	429.526m#
35) L8 Aroclor-1260 {3}	9.48	9.72	1680.8E6	338.5E6	203.666	255.500m#
36) L8 Aroclor-1260 {4}	9.96	10.23	889.9E6	553.6E6	215.336	191.821m
37) L8 Aroclor-1260 {5}	11.02	10.82	652.8E6	409.4E6	387.866m	201.428m#
Sum Aroclor-1260			6848.4E6	3202.0E6	1427.036	2212.670
Average Aroclor-1260					285.407	442.534
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : Y8265.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 12:31
Operator : YG
Sample : P-40_(0-2.,07487-052,S,5.01g,21.6,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,10
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:50:45 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2

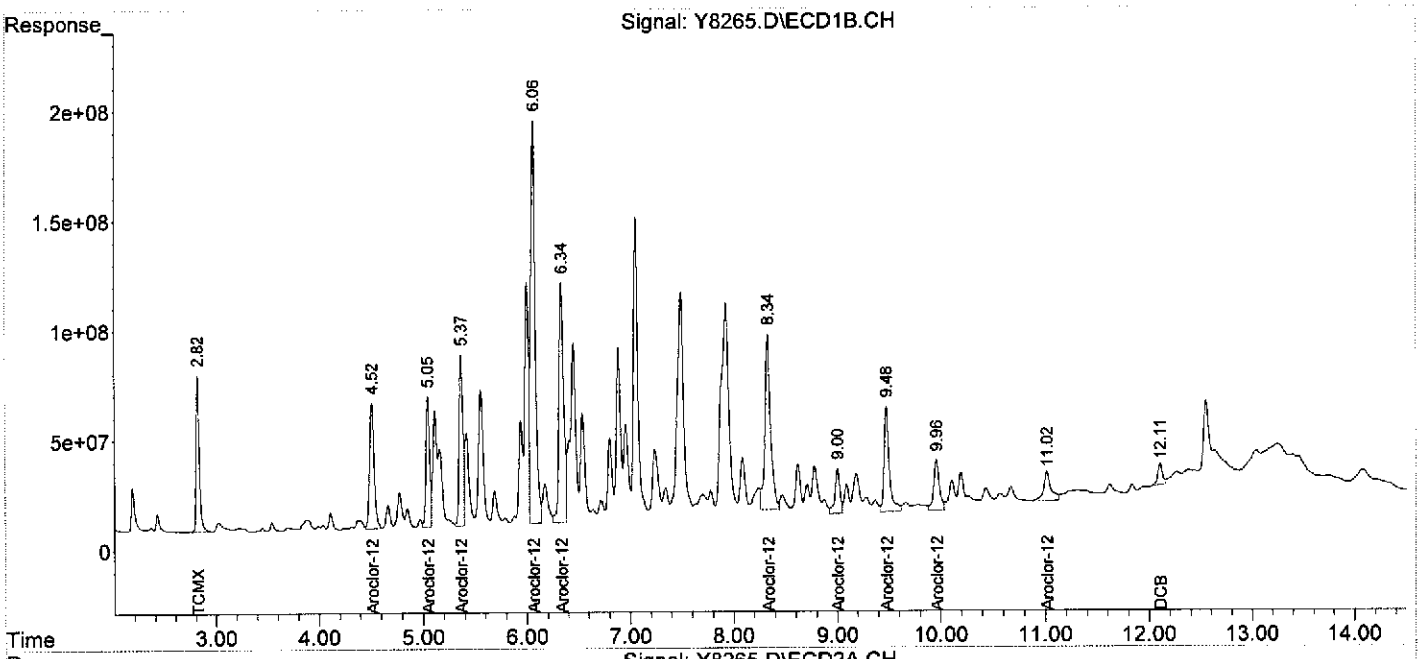
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

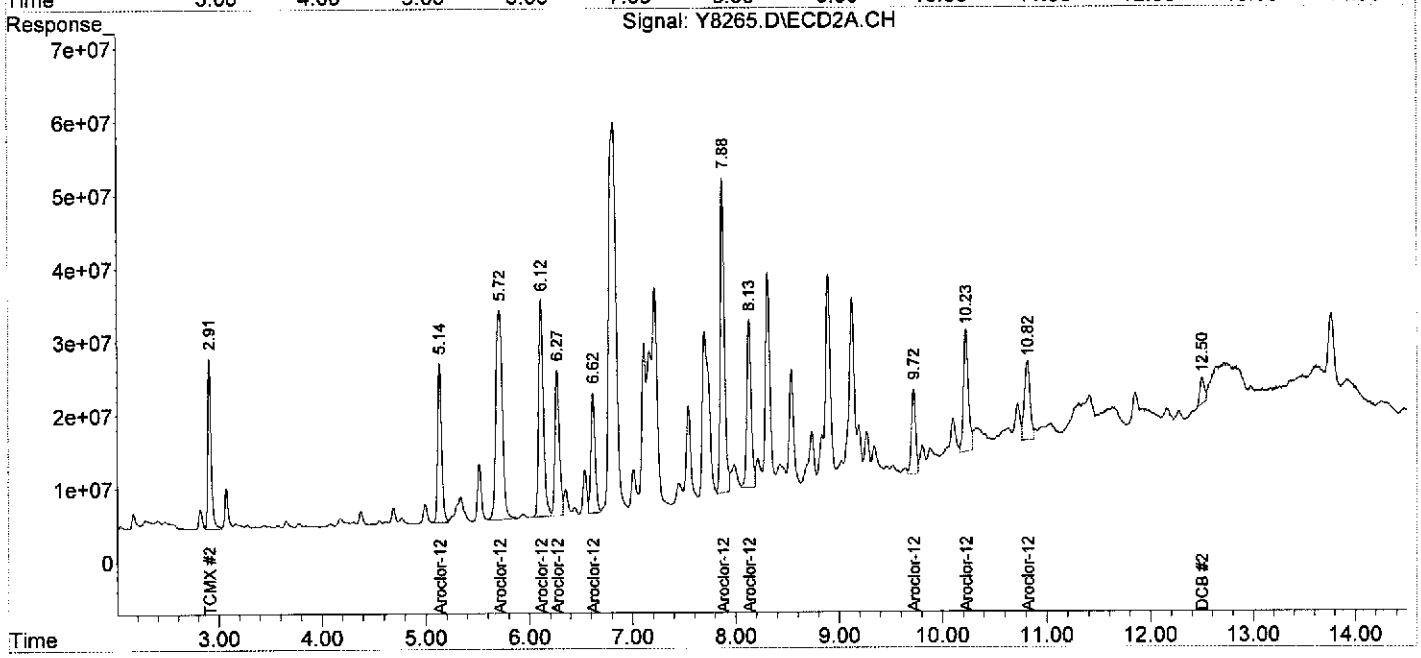
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : Y8265.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 12:31
Operator : YG
Sample : P-40_(0-2.,07487-052,S,5.01g,21.6,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,10
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:50:45 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : Y8266.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 12:48
Operator : YG
Sample : P-40_(2.0-,07487-053,S,5.03g,9.60,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,1
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:52:19 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	20062.5E6	6575.6E6	211.027	188.130
Spiked Amount 200.000			Recovery	=	105.51%	94.06%
2) S DCB	12.10	12.50	4147.3E6	1819.5E6	201.246m	211.729m
Spiked Amount 200.000			Recovery	=	100.62%	105.86%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.51	5.13	268.6E6	89284688	60.923	56.010
24) L6 Aroclor-1248 {2}	5.05	5.71	269.1E6	223.5E6	111.017	95.419
25) L6 Aroclor-1248 {3}	5.37	6.12	280.3E6	143.4E6	91.332	84.638
26) L6 Aroclor-1248 {4}	6.07	6.27	784.6E6	97693095	140.782	67.209 #
27) L6 Aroclor-1248 {5}	6.34	6.62	435.3E6	65460495	104.505	77.963 #
Sum Aroclor-1248			2037.9E6	619.3E6	508.559	381.239
Average Aroclor-1248					101.712	76.248
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.34	7.88	721.9E6	264.1E6	99.382	245.576m#
34) L8 Aroclor-1260 {2}	9.01	8.13	294.0E6	179.3E6	92.770	113.128m
35) L8 Aroclor-1260 {3}	9.48	9.72	831.2E6	132.3E6	100.723	99.899m
36) L8 Aroclor-1260 {4}	9.96	10.23	443.2E6	259.0E6	107.228	89.755m
37) L8 Aroclor-1260 {5}	11.02	10.82	289.5E6	167.5E6	172.041m	82.422m#
Sum Aroclor-1260			2579.8E6	1002.3E6	572.144	630.779
Average Aroclor-1260					114.429	126.156
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : Y8266.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 12:48
Operator : YG
Sample : P-40_(2.0-,07487-053,S,5.03g,9.60,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,1
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:52:19 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2

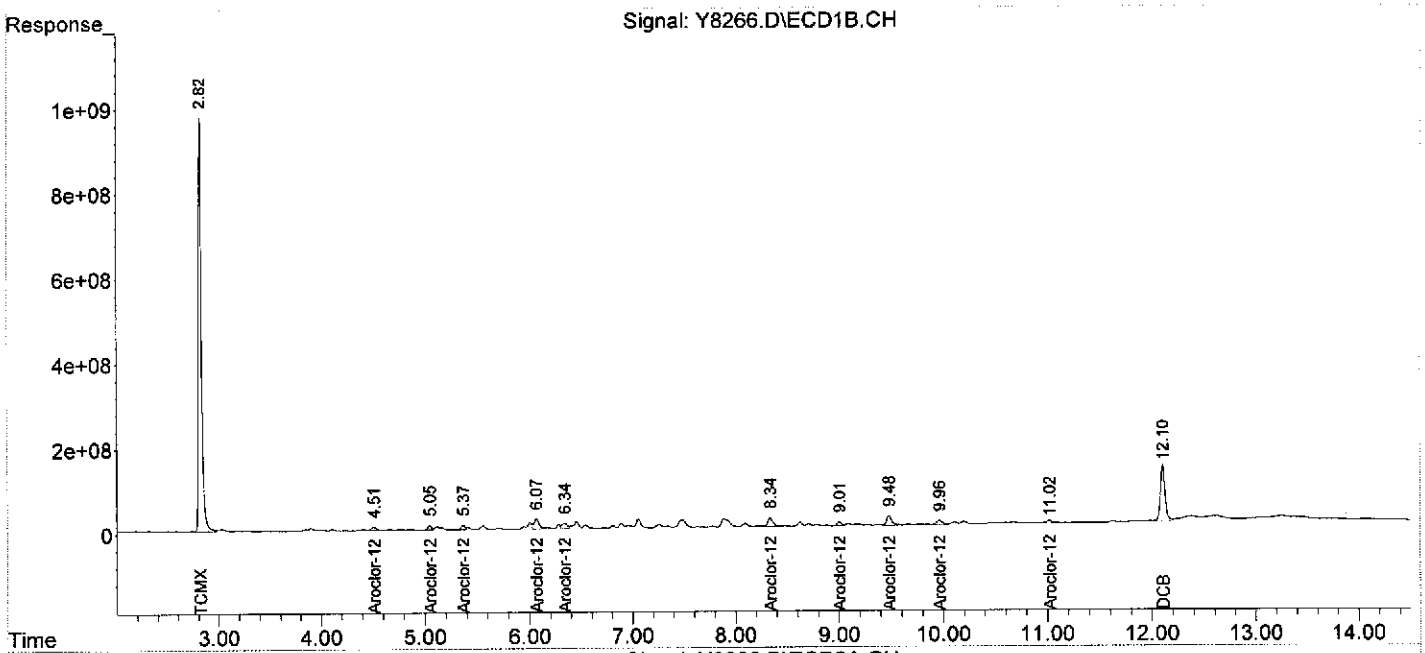
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

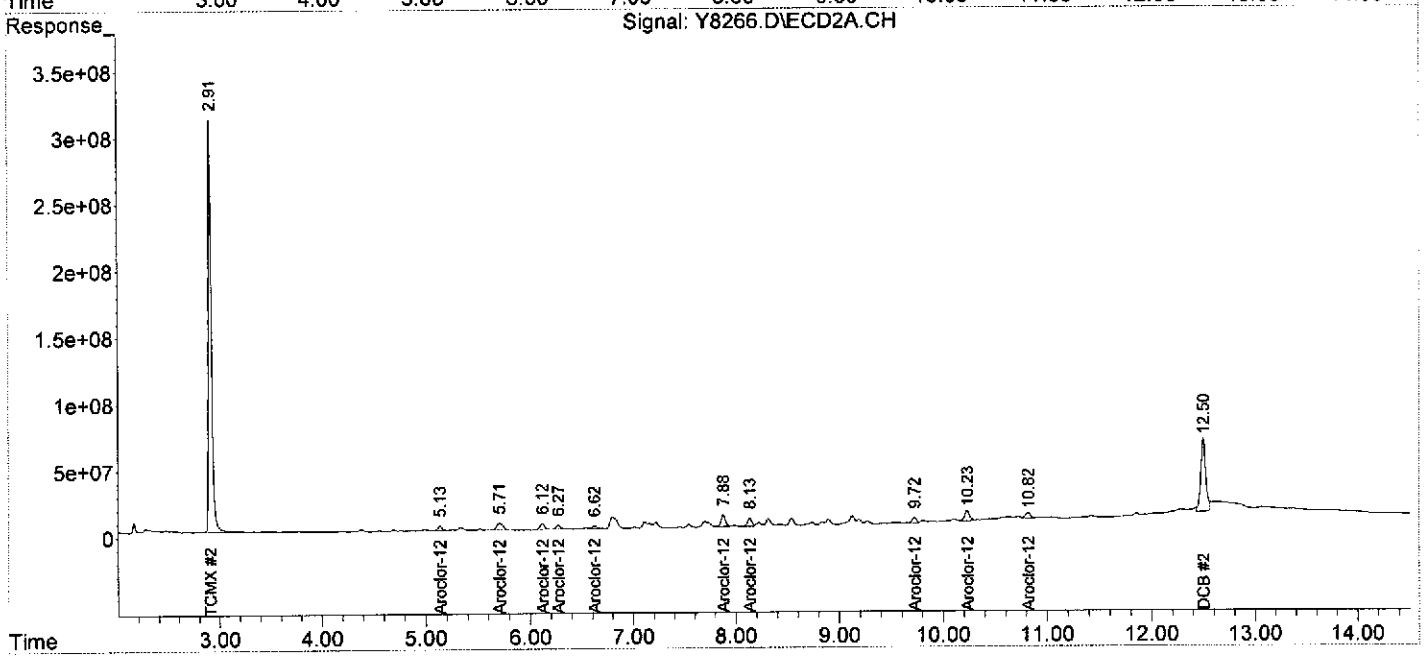
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : Y8266.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 12:48
Operator : YG
Sample : P-40_(2.0-,07487-053,S,5.03g,9.60,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,1
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:52:19 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : Y8267.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 13:05
Operator : YG
Sample : P-40_(4.0-,07487-054,S,5.23g,31.2,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,1000
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:55:29 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.33	7.88	716.4E6	299.4E6	98.636m	278.393m#
34) L8 Aroclor-1260 {2}	9.00	8.13	483.5E6	253.2E6	152.559m	159.788m
35) L8 Aroclor-1260 {3}	9.48	9.72	1223.0E6	230.9E6	148.197m	174.289m
36) L8 Aroclor-1260 {4}	9.96	10.23	515.5E6	447.7E6	124.746m	155.148m
37) L8 Aroclor-1260 {5}	11.02	10.81	334.4E6	303.8E6	198.677m	149.477m
Sum Aroclor-1260			3272.9E6	1535.0E6	722.816	917.095
Average Aroclor-1260					144.563	183.419
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

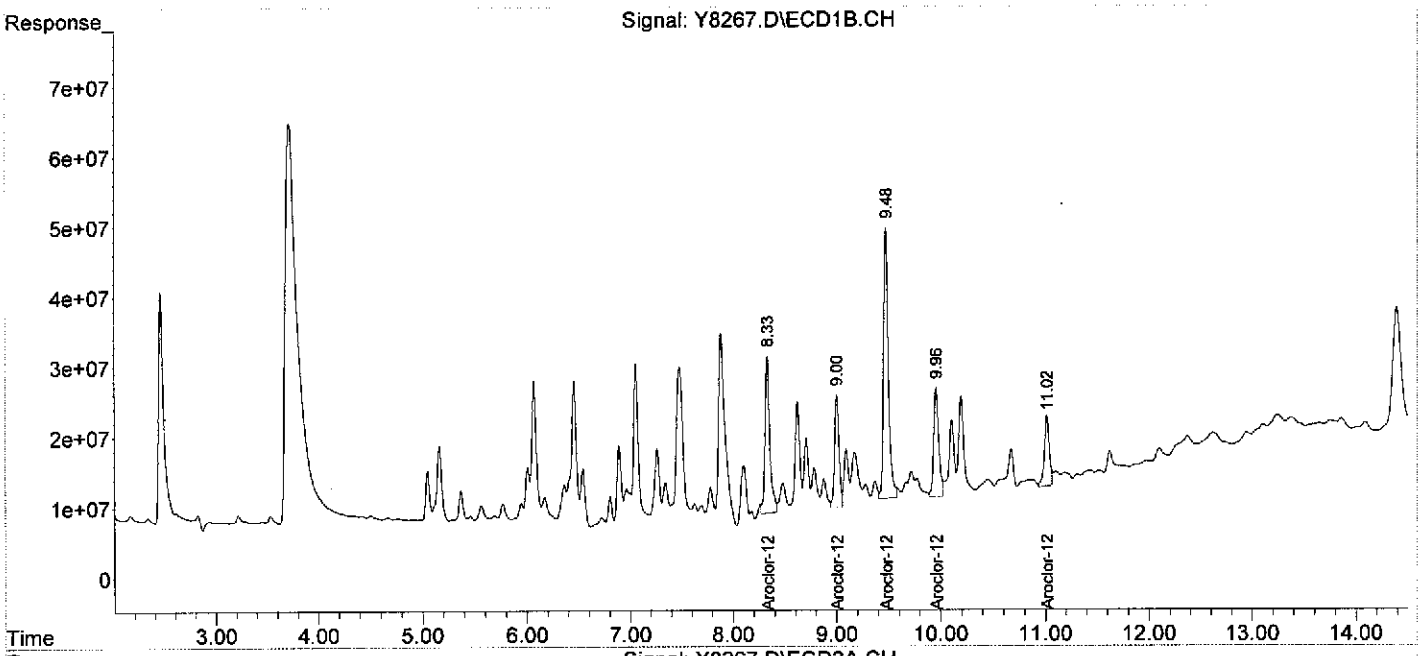
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

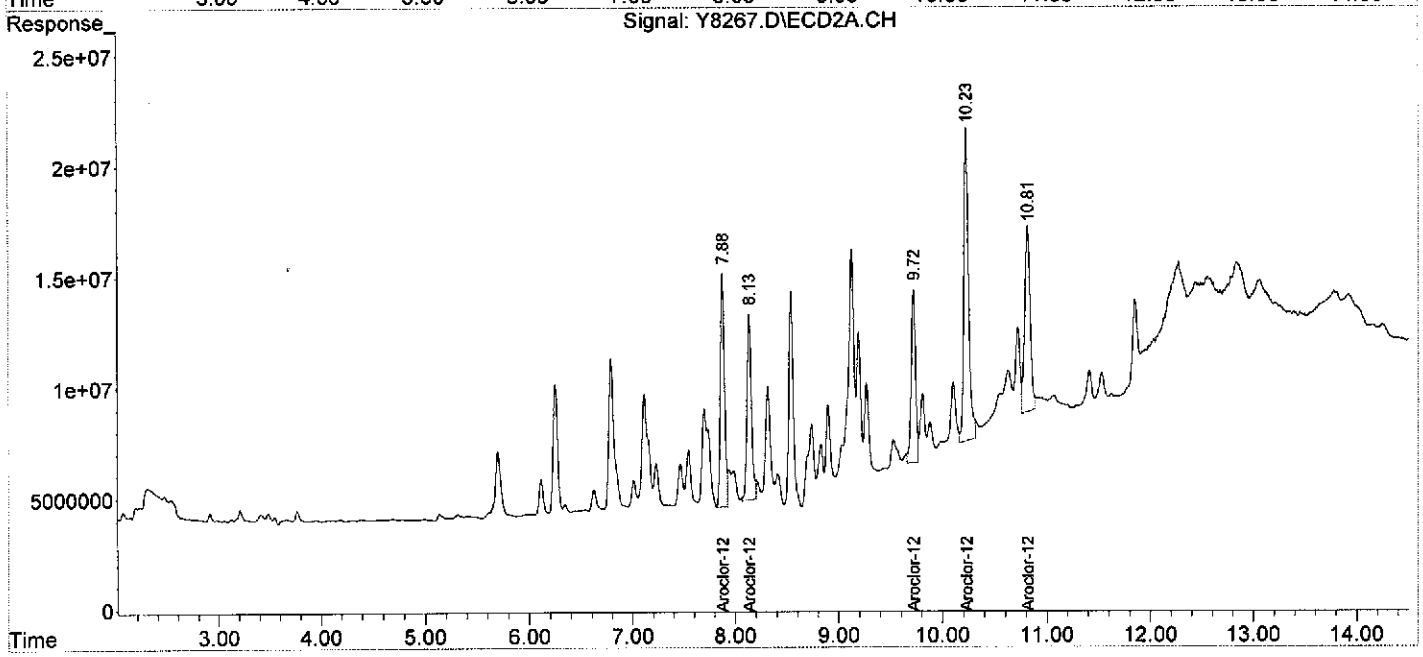
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : Y8267.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 13:05
Operator : YG
Sample : P-40_(4.0-,07487-054,S,5.23g,31.2,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,1000
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:55:29 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : Y8268.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 13:23
Operator : YG
Sample : P-40_(5.0-,07487-055,S,5.32g,78.5,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,1
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 11:00:26 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	19269.3E6	7171.2E6	202.684	205.171
Spiked Amount 200.000			Recovery	=	101.34%	102.59%
2) S DCB	12.10	12.50	4514.5E6	1990.7E6	219.062m	231.648m
Spiked Amount 200.000			Recovery	=	109.53%	115.82%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	6.43	7.11	386.2E6	100.1E6	65.558m	46.218m#
29) L7 Aroclor-1254 {2}	6.89	7.70	186.0E6	64834806	47.954m	37.955
30) L7 Aroclor-1254 {3}	7.06	8.31	445.0E6	131.4E6	60.035m	78.021 #
31) L7 Aroclor-1254 {4}	7.49	8.54	507.2E6	128.0E6	65.953m	132.776 #
32) L7 Aroclor-1254 {5}	8.33	9.13	669.1E6	197.7E6	96.964m	82.674
Sum Aroclor-1254			2193.4E6	622.1E6	336.463	377.644
Average Aroclor-1254					67.293	75.529
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

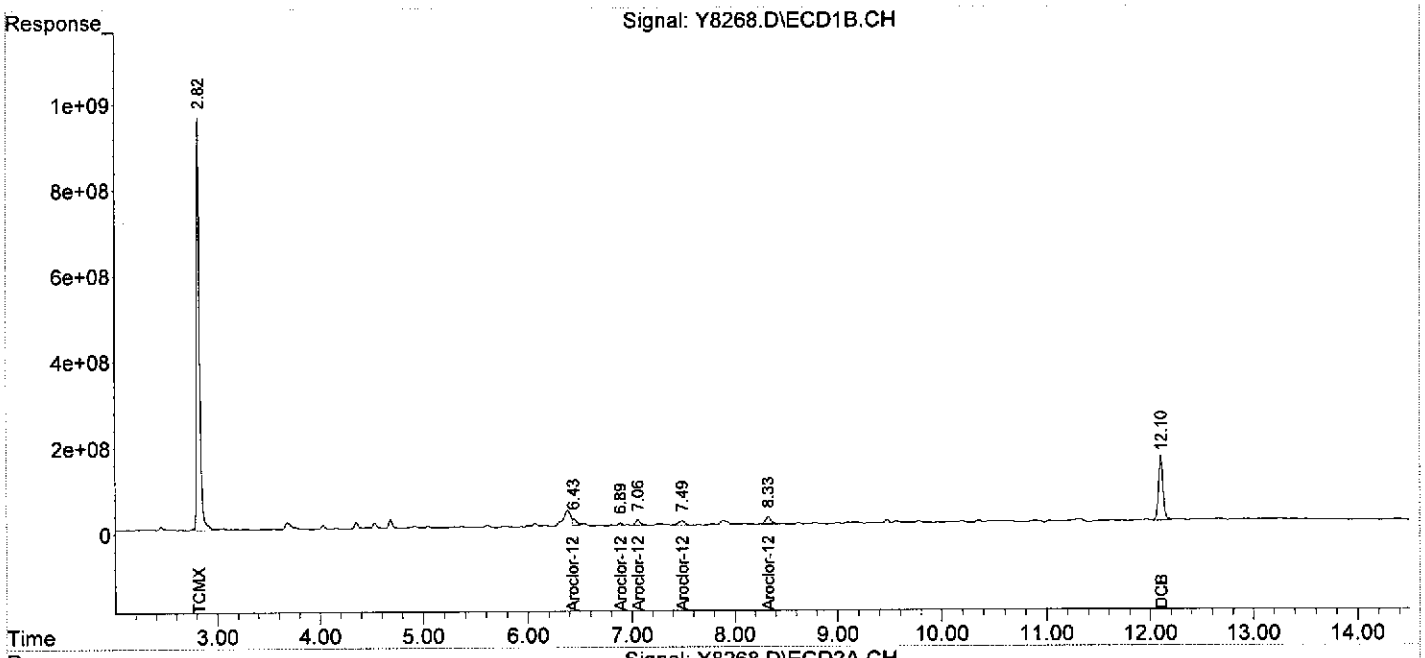
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

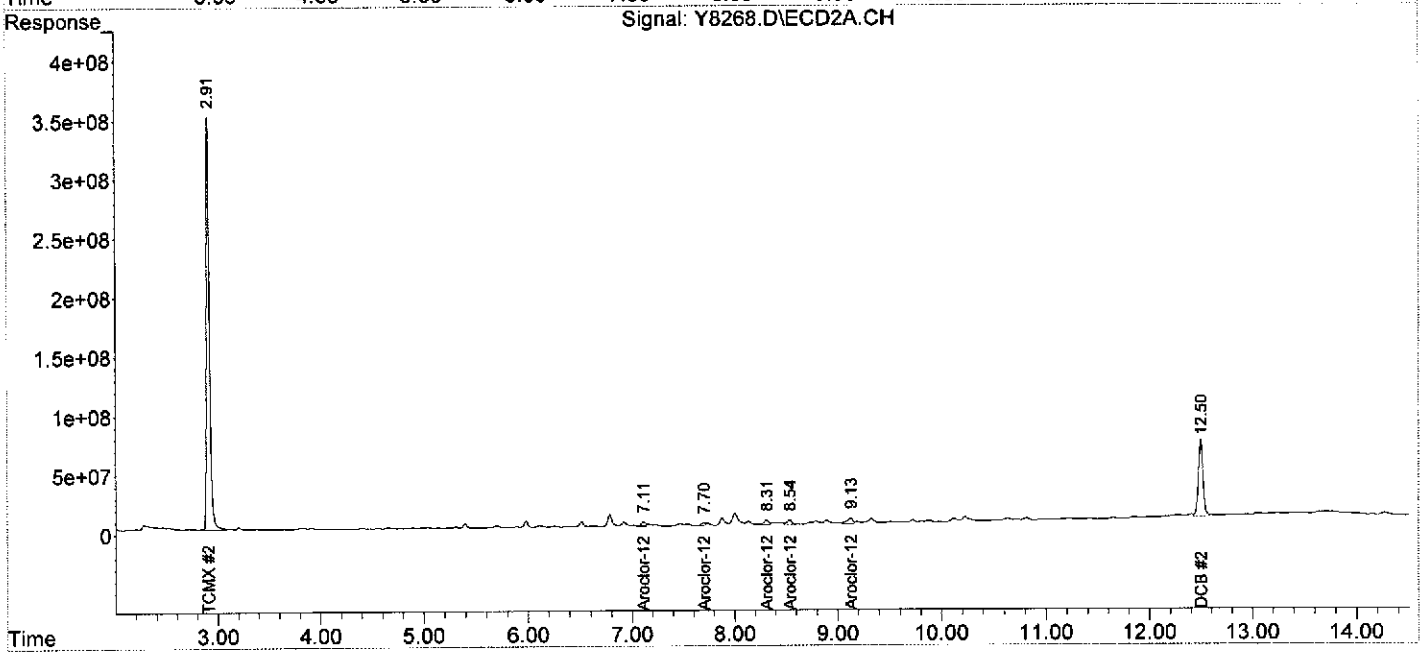
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : Y8268.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 13:23
Operator : YG
Sample : P-40_(5.0-,07487-055,S,5.32g,78.5,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,1
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 11:00:26 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : Y8269.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 13:40
Operator : YG
Sample : P-40_(6.0-,07487-056,S,5.19g,16.2,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,1
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 11:02:22 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	17696.4E6	6256.1E6	186.139	178.987
Spiked Amount 200.000			Recovery	=	93.07%	89.49%
2) S DCB	12.10	12.49	4185.4E6	1440.8E6	203.096	167.658m
Spiked Amount 200.000			Recovery	=	101.55%	83.83%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	6.45	7.11	4102.2E6	1375.1E6	696.373	634.625
29) L7 Aroclor-1254 {2}	6.89	7.70	1995.0E6	1273.3E6	514.291	745.403 #
30) L7 Aroclor-1254 {3}	7.05	8.31	3970.9E6	1150.5E6	535.738	683.165 #
31) L7 Aroclor-1254 {4}	7.49	8.54	5472.2E6	1354.2E6	711.570	1404.634 #
32) L7 Aroclor-1254 {5}	8.33	9.13	4193.9E6	2388.0E6	607.815	998.816 #
Sum Aroclor-1254			19734.3E6	7541.2E6	3065.786	4466.643
Average Aroclor-1254					613.157	893.329
33) L8 Aroclor-1260	8.33	7.87	4193.9E6	1871.5E6	577.399	1740.266 #
34) L8 Aroclor-1260 {2}	9.00	8.13	1707.0E6	1274.9E6	538.653	804.567 #
35) L8 Aroclor-1260 {3}	9.48	9.72	5128.2E6	1210.2E6	621.386	913.451 #
36) L8 Aroclor-1260 {4}	9.96	10.22	2207.2E6	2233.3E6	534.065	773.867 #
37) L8 Aroclor-1260 {5}	11.01	10.81	1097.3E6	1645.3E6	652.010	809.473
Sum Aroclor-1260			14333.6E6	8235.2E6	2923.513	5041.624
Average Aroclor-1260					584.703	1008.325
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : Y8269.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 13:40
Operator : YG
Sample : P-40_(6.0-,07487-056,S,5.19g,16.2,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,1
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 11:02:22 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2

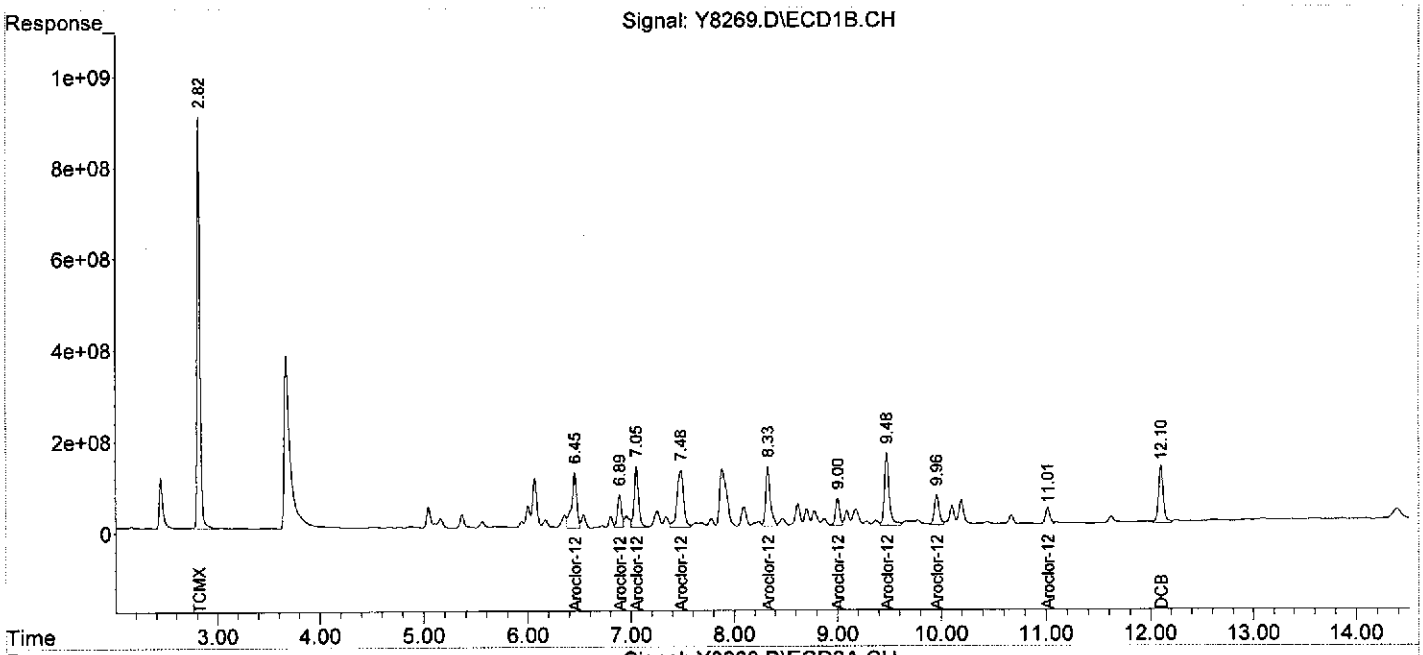
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

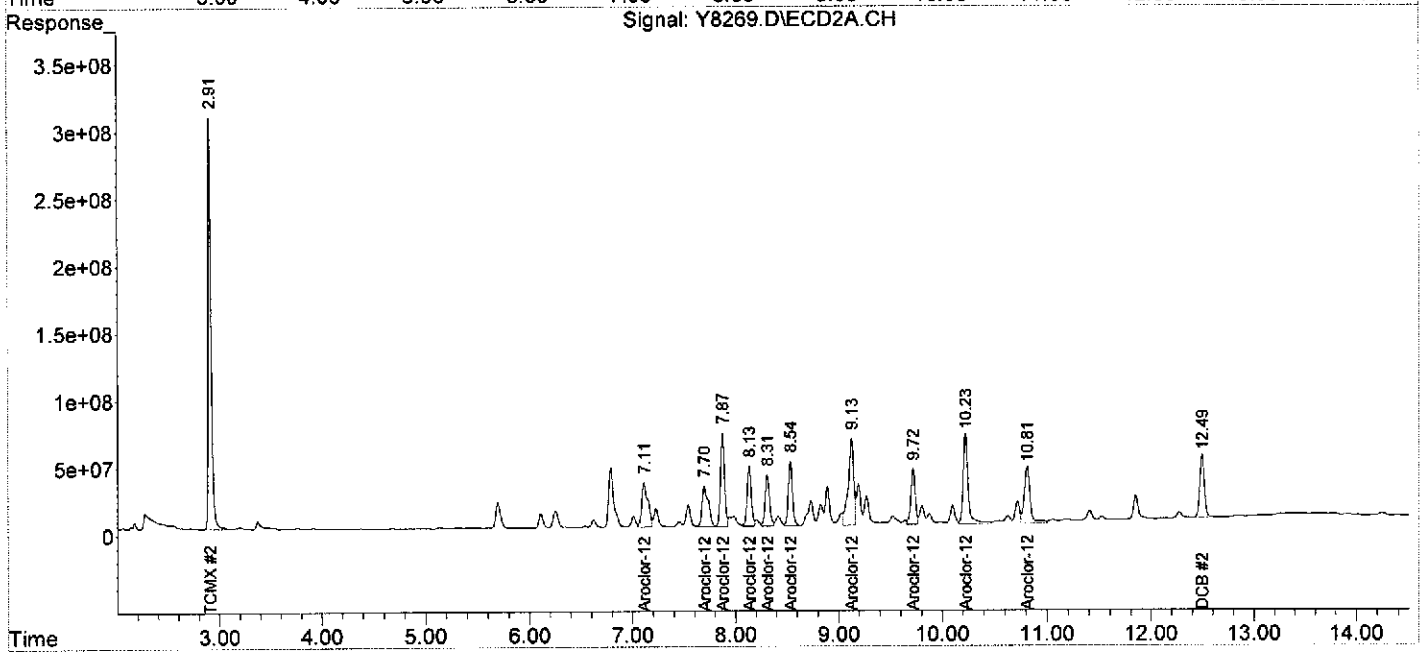
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : Y8269.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 13:40
Operator : YG
Sample : P-40_(6.0-,07487-056,S,5.19g,16.2,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,1
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 11:02:22 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : Y8270.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 13:57
Operator : YG
Sample : P-38_(0-2.,07487-057,S,5.39g,13.7,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,10
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 11:08:09 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	1628.5E6	476.7E6	17.129	13.638
Spiked Amount 200.000			Recovery	=	8.56%	6.82%
2) S DCB	12.11	12.50	639.1E6	147.9E6	31.013m	17.211m#
Spiked Amount 200.000			Recovery	=	15.51%	8.61%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	6.46	7.11	6857.0E6	2644.4E6	1164.020	1220.406
29) L7 Aroclor-1254 {2}	6.89	7.70	4220.6E6	2069.1E6	1088.032	1211.247
30) L7 Aroclor-1254 {3}	7.06	8.31	7790.3E6	1879.0E6	1051.023	1115.733
31) L7 Aroclor-1254 {4}	7.49	8.54	11484.7E6	2265.3E6	1493.391	2349.630 #
32) L7 Aroclor-1254 {5}	8.33	9.13	10680.1E6	4005.7E6	1547.834	1675.425
Sum Aroclor-1254			41032.7E6	12863.5E6	6344.299	7572.441
Average Aroclor-1254					1268.860	1514.488
33) L8 Aroclor-1260	8.33	7.88	10680.1E6	3419.5E6	1470.379	3179.711 #
34) L8 Aroclor-1260 {2}	9.01	8.13	3491.0E6	2131.4E6	1101.606	1345.080
35) L8 Aroclor-1260 {3}	9.48	9.72	10316.4E6	1930.0E6	1250.053	1456.814
36) L8 Aroclor-1260 {4}	9.96	10.23	4139.5E6	3705.4E6	1001.630	1283.978 #
37) L8 Aroclor-1260 {5}	11.01	10.81	2259.3E6	2673.6E6	1342.429	1315.414
Sum Aroclor-1260			30886.3E6	13860.0E6	6166.096	8580.996
Average Aroclor-1260					1233.219	1716.199
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : Y8270.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 13:57
Operator : YG
Sample : P-38_(0-2.,07487-057,S,5.39g,13.7,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,10
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 11:08:09 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2

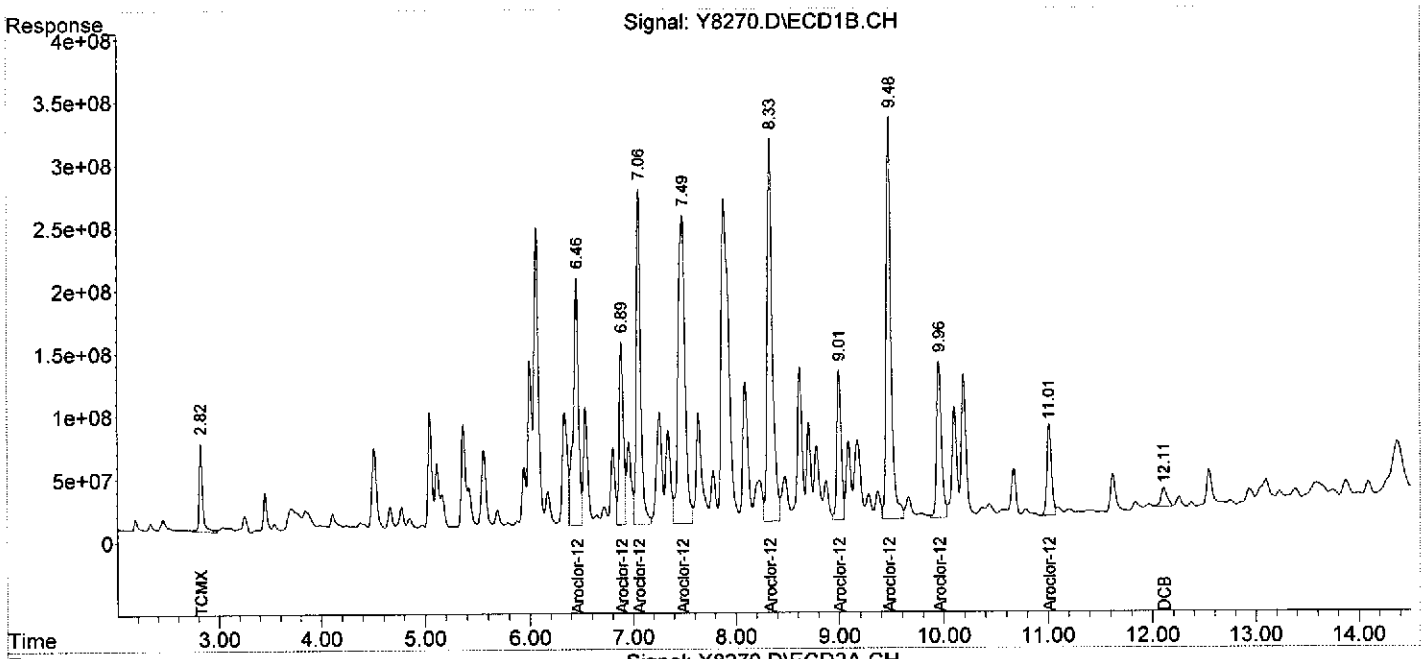
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

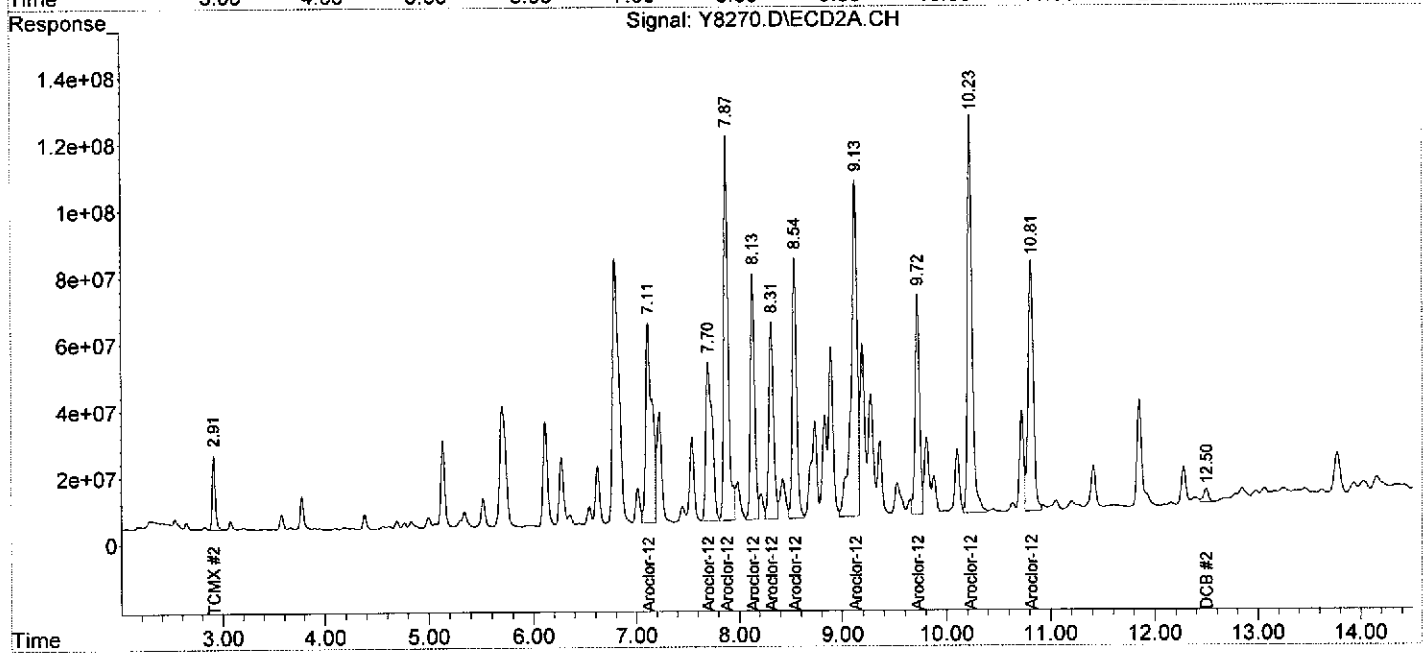
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : Y8270.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 13:57
Operator : YG
Sample : P-38_(0-2.,07487-057,S,5.39g,13.7,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,10
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 11:08:09 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-12-12\
Data File : Y8314.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Aug 2012 13:51
Operator : YG
Sample : P-38_(2.0-,07487-058,S,5.53g,7.40,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,100
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 11:34:26 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
18) L5 Aroclor-1242	4.11	4.77	349.4E6	70844048	157.744	137.693
19) L5 Aroclor-1242 {2}	5.05	5.52	513.9E6	150.0E6	369.529	166.055 #
20) L5 Aroclor-1242 {3}	5.37	6.12	684.8E6	322.4E6	343.724	275.462
21) L5 Aroclor-1242 {4}	6.07	6.27	1168.3E6	267.3E6	356.436	273.591
22) L5 Aroclor-1242 {5}	6.34	6.81	866.7E6	583.4E6	307.928	300.368
Sum Aroclor-1242			3583.1E6	1394.0E6	1535.360	1153.169
Average Aroclor-1242					307.072	230.634
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

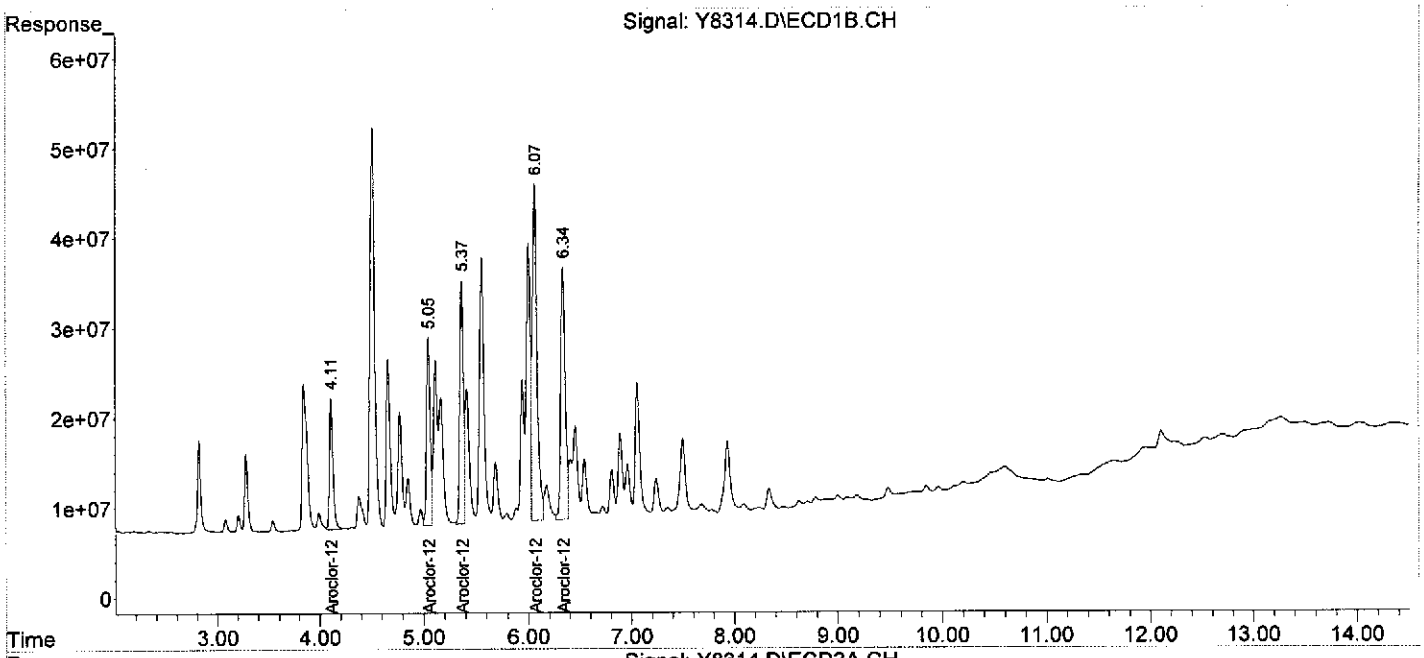
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

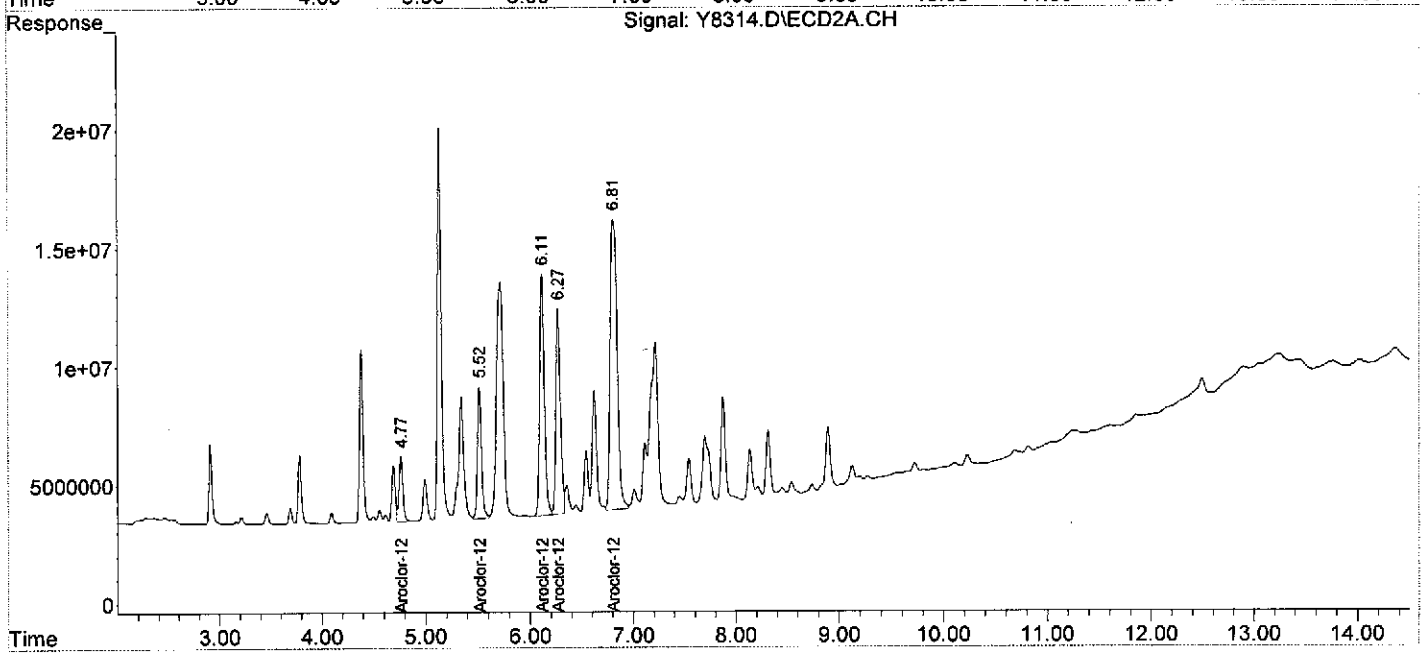
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-12-12\
Data File : Y8314.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Aug 2012 13:51
Operator : YG
Sample : P-38_(2.0-,07487-058,S,5.53g,7.40,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,100
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 11:34:26 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-12-12\
Data File : Y8315.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Aug 2012 14:08
Operator : YG
Sample : P-38_(4.0-,07487-059,S,5.04g,8.90,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,10
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 11:35:20 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
System Monitoring Compounds							
1) S TCMX	2.82	2.91	1646.1E6	504.1E6	17.314	14.421	
Spiked Amount 200.000			Recovery =		8.66%	7.21%	
2) S DCB	12.11	12.50	286.1E6	112.5E6	13.884m	13.094m	
Spiked Amount 200.000			Recovery =		6.94%	6.55%	
Target Compounds							
Sum Aroclor-1016			0	0	N.D.	N.D.	
Average Aroclor-1016					0.000	0.000	
Sum Aroclor-1221			0	0	N.D.	N.D.	
Average Aroclor-1221					0.000	0.000	
Sum Aroclor-1232			0	0	N.D.	N.D.	
Average Aroclor-1232					0.000	0.000	
Sum Aroclor-1242			0	0	N.D.	N.D.	
Average Aroclor-1242					0.000	0.000	
23) L6 Aroclor-1248	4.51	5.13	2338.5E6	695.5E6	530.403	436.277	
24) L6 Aroclor-1248 {2}	5.05	5.72	910.9E6	764.6E6	375.807	326.399	
25) L6 Aroclor-1248 {3}	5.37	6.12	1189.4E6	550.3E6	387.614	324.858	
26) L6 Aroclor-1248 {4}	6.07	6.27	2220.4E6	458.3E6	398.418	315.284	
27) L6 Aroclor-1248 {5}	6.34	6.62	1536.7E6	264.3E6	368.902	314.789	
Sum Aroclor-1248			8195.9E6	2733.0E6	2061.144	1717.608	
Average Aroclor-1248					412.229	343.522	
Sum Aroclor-1254			0	0	N.D.	N.D.	
Average Aroclor-1254					0.000	0.000	
33) L8 Aroclor-1260	8.34	7.88	1208.5E6	442.4E6	166.385	411.408	#
34) L8 Aroclor-1260 {2}	9.01	8.13	801.0E6	358.9E6	252.765	226.489	
35) L8 Aroclor-1260 {3}	9.48	9.72	2099.3E6	323.0E6	254.378	243.839	
36) L8 Aroclor-1260 {4}	9.96	10.23	767.4E6	784.6E6	185.678	271.867	#
37) L8 Aroclor-1260 {5}	11.02	10.81	639.8E6	569.9E6	380.182	280.393	#
Sum Aroclor-1260			5516.1E6	2478.9E6	1239.389	1433.996	
Average Aroclor-1260					247.878	286.799	
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262					0.000	0.000	
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-12-12\
Data File : Y8315.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Aug 2012 14:08
Operator : YG
Sample : P-38_(4.0-,07487-059,S,5.04g,8.90,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,10
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 11:35:20 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2

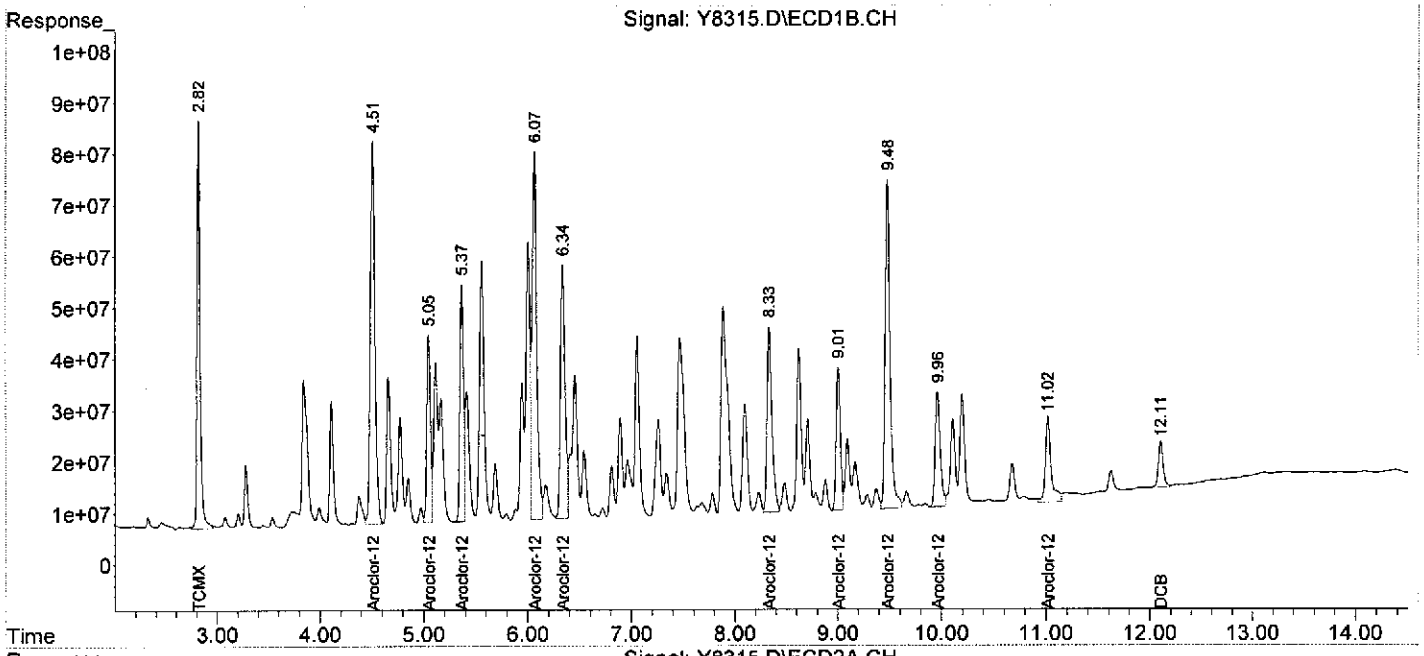
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

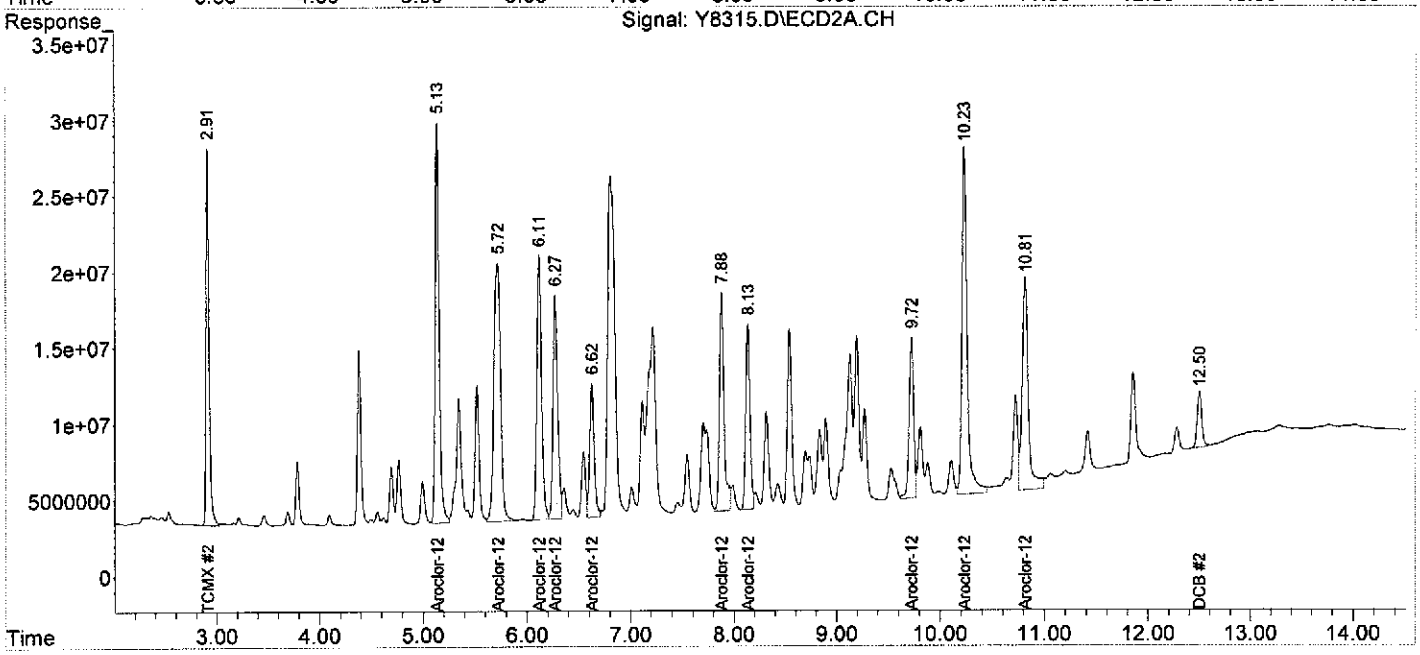
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-12-12\
Data File : Y8315.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Aug 2012 14:08
Operator : YG
Sample : P-38_(4.0-,07487-059,S,5.04g,8.90,08/01/12,4
Misc : 120801-12,07/25/12,07/25/12,10
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 11:35:20 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8172.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 10:45
Operator : YG
Sample : P-38_(5.0-,07487-060,S,5.23g,23.0,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,1
ALS Vial : 67 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 12:52:17 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.83	2.92	13585.0E6	6026.1E6	142.894	172.408
Spiked Amount 200.000			Recovery	=	71.45%	86.20%
2) S DCB	12.11	12.50	2720.5E6	1242.0E6	132.010	144.534m
Spiked Amount 200.000			Recovery	=	66.00%	72.27%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

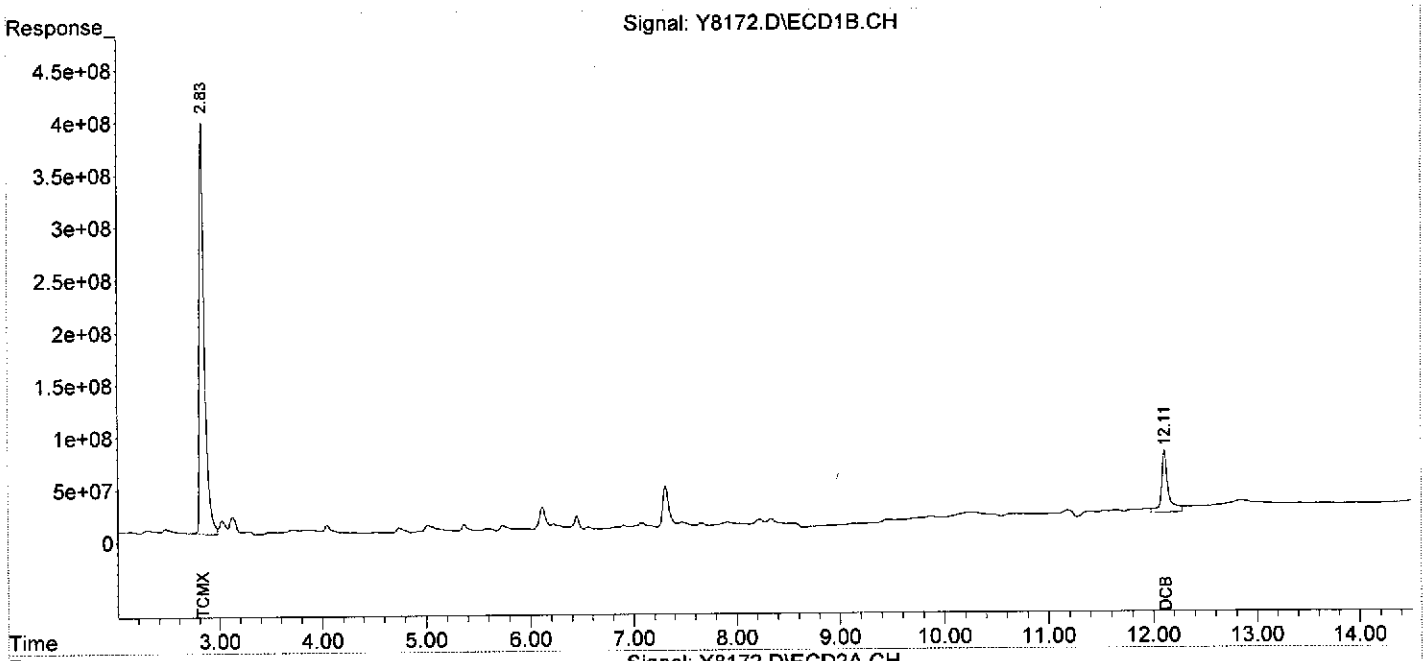
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

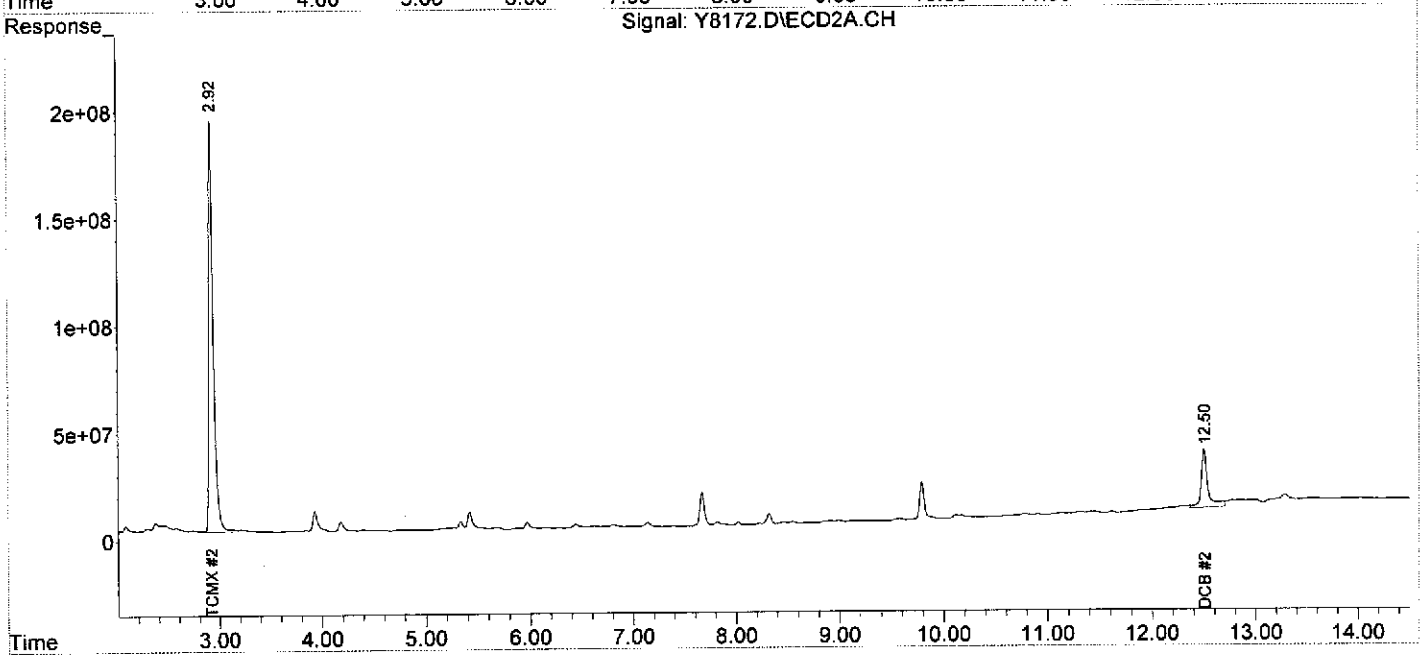
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8172.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 10:45
Operator : YG
Sample : P-38_(5.0-,07487-060,S,5.23g,23.0,08/01/12,4
Misc : 120801-10,07/25/12,07/25/12,1
ALS Vial : 67 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 12:52:17 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-09-12\
Data File : R2647.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 20:53
Operator : YG
Sample : P-37_(0-2.,07487-061,S,5.57g,6.80,08/01/12,4
Misc : 120801-13,07/25/12,07/25/12,10
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 11:12:31 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.48	3.39	3782.2E6	3014.9E6	22.013	20.944
Spiked Amount 200.000			Recovery	=	11.01%	10.47%
2) S DCB	13.10	13.18	932.1E6	527.9E6	15.968	13.179m
Spiked Amount 200.000			Recovery	=	7.98%	6.59%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.31	5.70	904.4E6	804.1E6	118.729	143.981
24) L6 Aroclor-1248 {2}	5.86	6.29	741.4E6	1697.5E6	172.821	212.579
25) L6 Aroclor-1248 {3}	6.20	6.70	851.8E6	1220.3E6	155.062	204.458 #
26) L6 Aroclor-1248 {4}	6.93	6.86	3214.9E6	756.4E6	377.322	148.143 #
27) L6 Aroclor-1248 {5}	7.21	7.22	2063.0E6	759.8E6	288.169	263.086
Sum Aroclor-1248			7775.4E6	5238.1E6	1112.104	972.247
Average Aroclor-1248					222.421	194.449
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.26	8.76	1369.9E6	934.5E6	97.711	147.964m#
34) L8 Aroclor-1260 {2}	9.94	9.16	422.7E6	526.3E6	57.001	72.108m#
35) L8 Aroclor-1260 {3}	10.42	10.37	936.3E6	388.2E6	37.439	77.017m#
36) L8 Aroclor-1260 {4}	10.91	10.87	512.1E6	449.9E6	49.279	44.855m
37) L8 Aroclor-1260 {5}	11.98	11.47	281.9E6	337.6E6	60.731	41.557m#
Sum Aroclor-1260			3523.0E6	2636.3E6	302.161	383.500
Average Aroclor-1260					60.432	76.700
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-09-12\
Data File : R2647.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 20:53
Operator : YG
Sample : P-37_(0-2.,07487-061,S,5.57g,6.80,08/01/12,4
Misc : 120801-13,07/25/12,07/25/12,10
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 11:12:31 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2

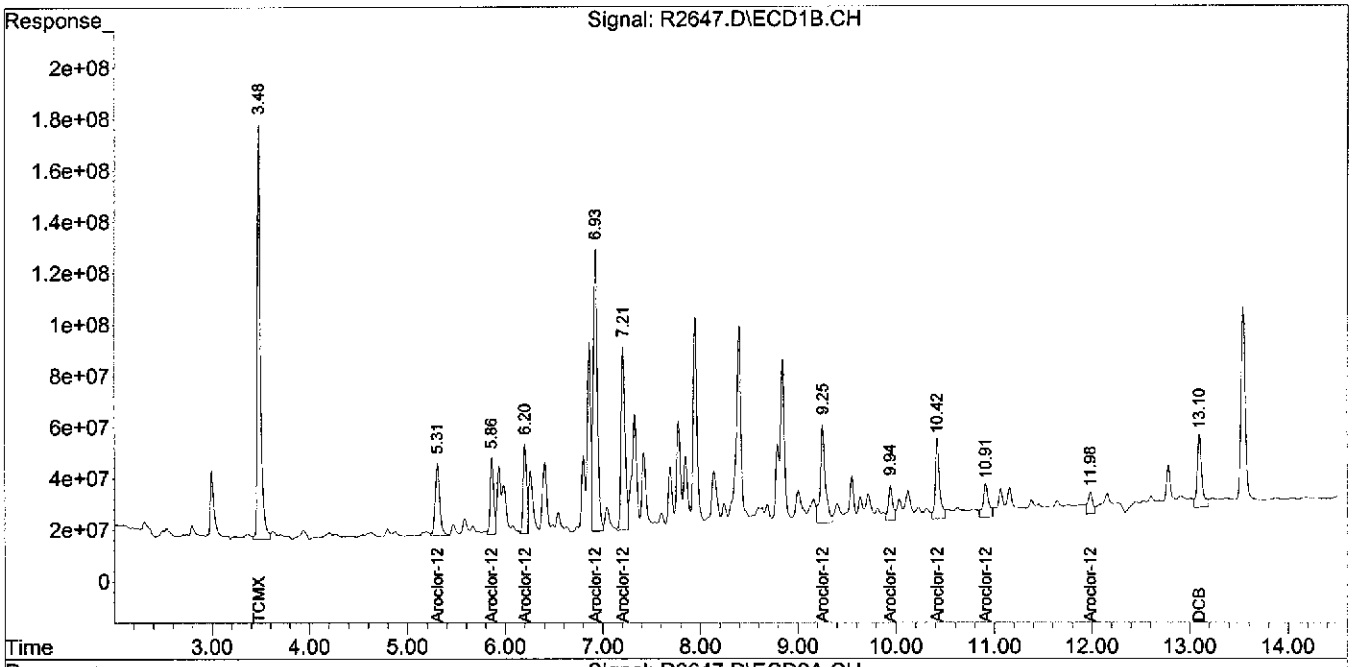
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

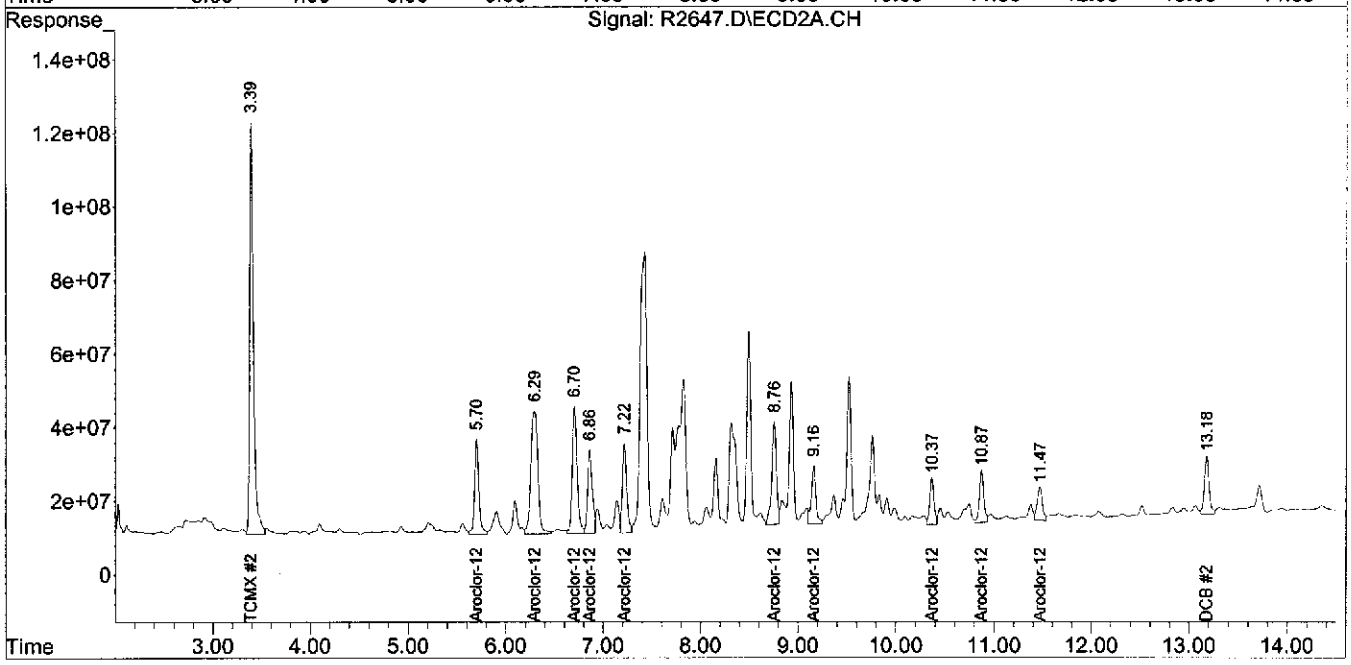
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-09-12\
Data File : R2647.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 20:53
Operator : YG
Sample : P-37_(0-2.,07487-061,S,5.57g,6.80,08/01/12,4
Misc : 120801-13,07/25/12,07/25/12,10
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 11:12:31 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : R2737.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Aug 2012 6:46
Operator : YG
Sample : P-37_(2.0-,07487-062,S,5.32g,22.0,08/01/12,4
Misc : 120801-13,07/25/12,07/25/12,1
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 13:12:51 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.49	3.41	35064.2E6	29465.4E6	204.078	204.692
Spiked Amount 200.000			Recovery	=	102.04%	102.35%
2) S DCB	13.10	13.18	5005.6E6	3315.5E6	85.751	82.772m
Spiked Amount 200.000			Recovery	=	42.88%	41.39%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.26	8.76	967.3E6	855.9E6	68.991m	135.524m#
34) L8 Aroclor-1260 {2}	9.95	9.16	367.8E6	492.8E6	49.602	67.521m#
35) L8 Aroclor-1260 {3}	10.42	10.37	686.9E6	304.3E6	27.466	60.372m#
36) L8 Aroclor-1260 {4}	10.91	10.87	285.6E6	410.1E6	27.482m	40.890m#
37) L8 Aroclor-1260 {5}	11.98	11.47	213.4E6	292.6E6	45.959m	36.019m
Sum Aroclor-1260			2520.9E6	2355.7E6	219.499	340.326
Average Aroclor-1260					43.900	68.065
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

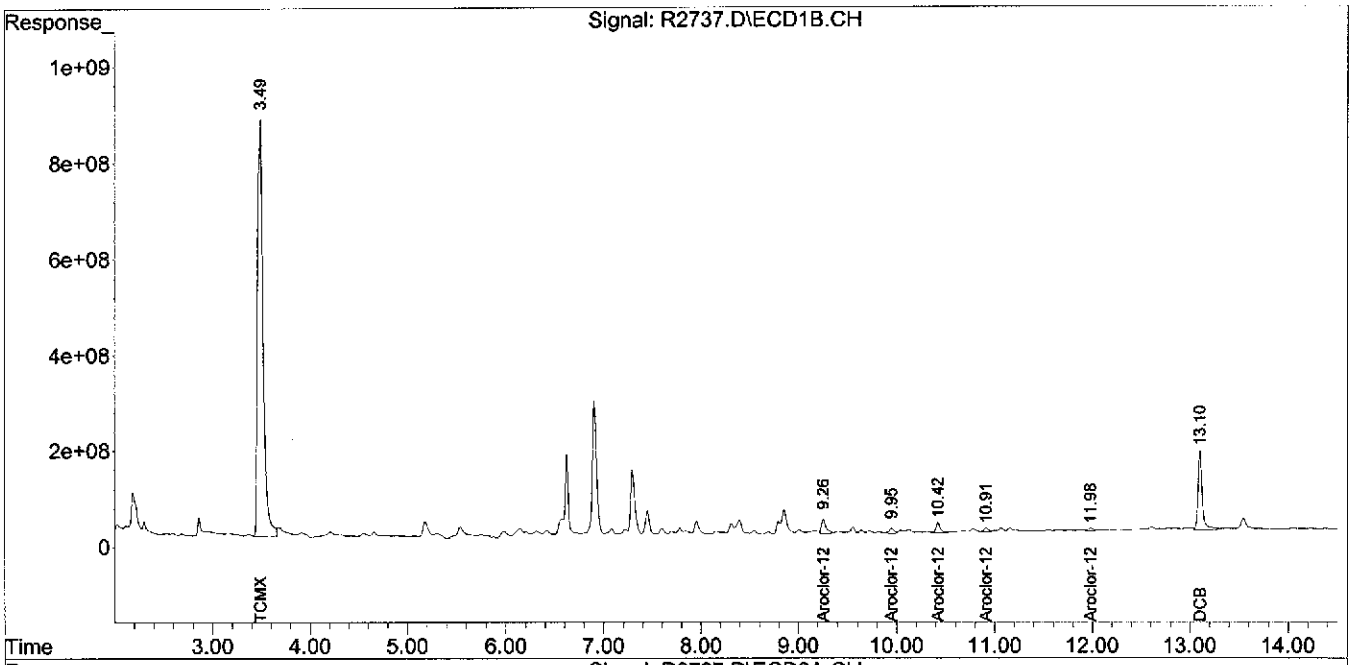
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

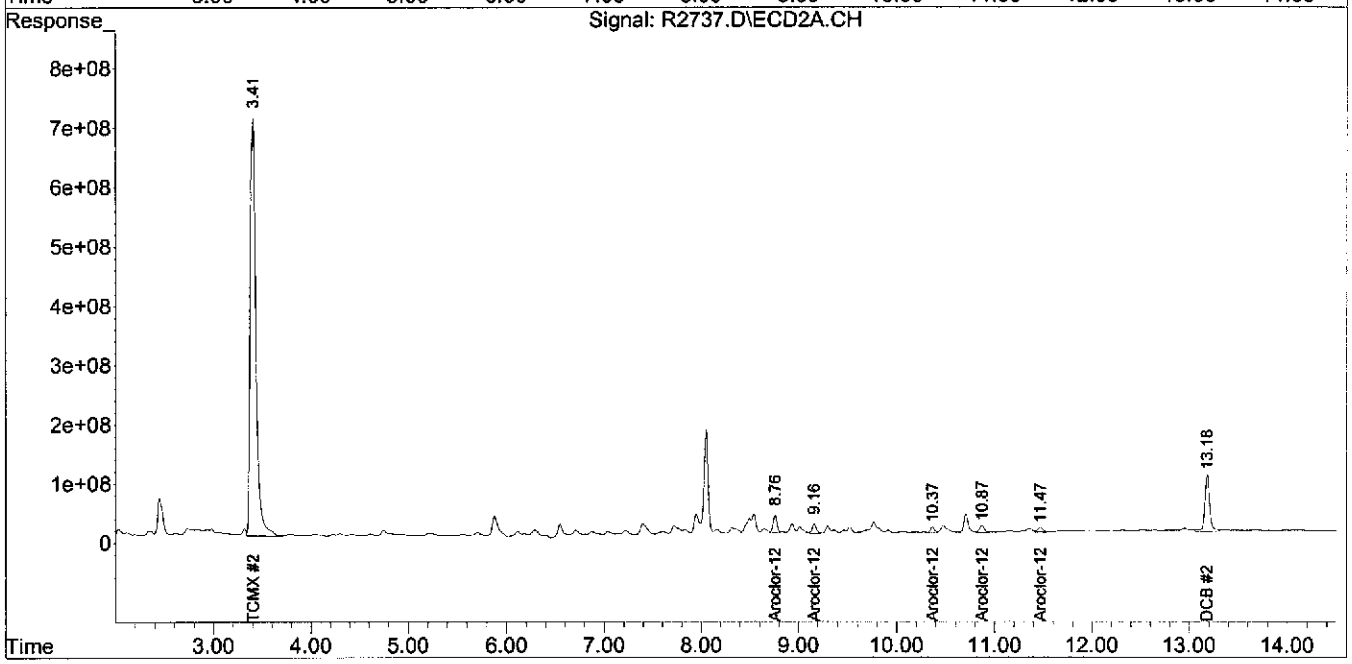
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : R2737.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Aug 2012 6:46
Operator : YG
Sample : P-37_(2.0-,07487-062,S,5.32g,22.0,08/01/12,4
Misc : 120801-13,07/25/12,07/25/12,1
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 13:12:51 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : R2738.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Aug 2012 7:03
Operator : YG
Sample : P-37_(3.5-,07487-063,S,5.23g,66.0,08/01/12,4
Misc : 120801-13,07/25/12,07/25/12,1
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 13:13:29 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.49	3.40	43286.4E6	35055.6E6	251.932	243.526
Spiked Amount 200.000			Recovery	=	125.97%	121.76%
2) S DCB	13.10	13.18	5135.4E6	3831.1E6	87.974m	95.645m
Spiked Amount 200.000			Recovery	=	43.99%	47.82%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

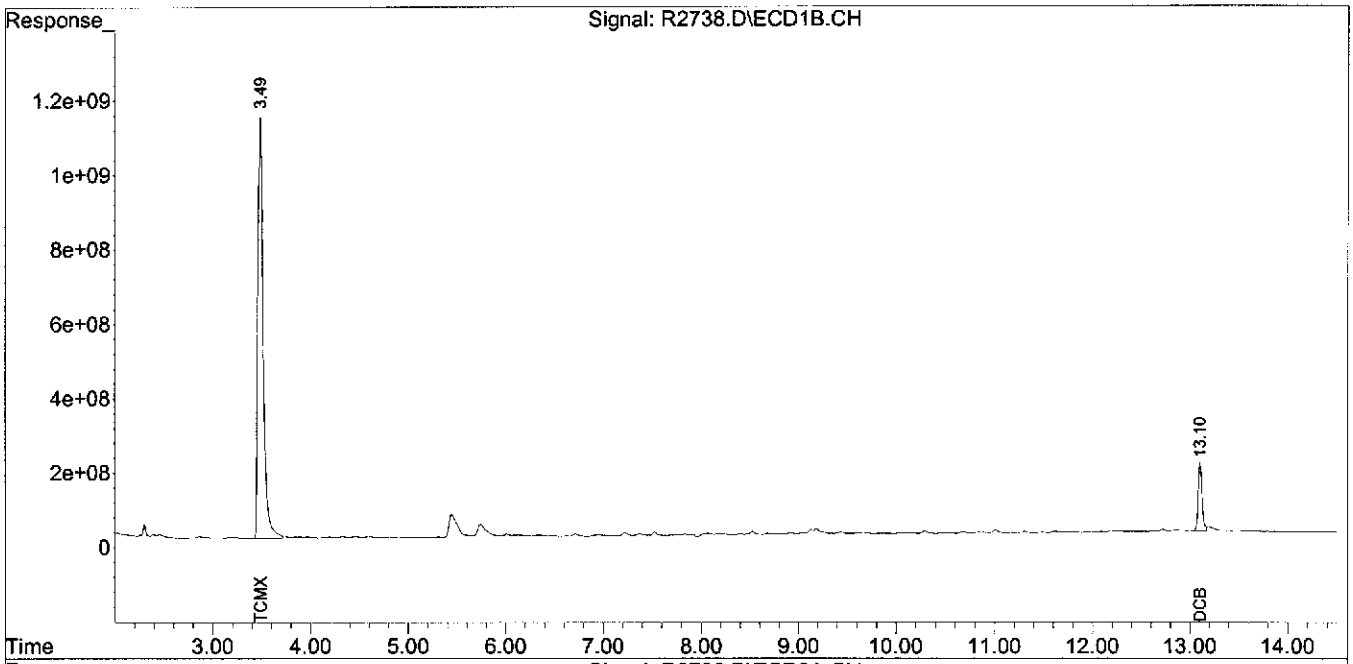
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

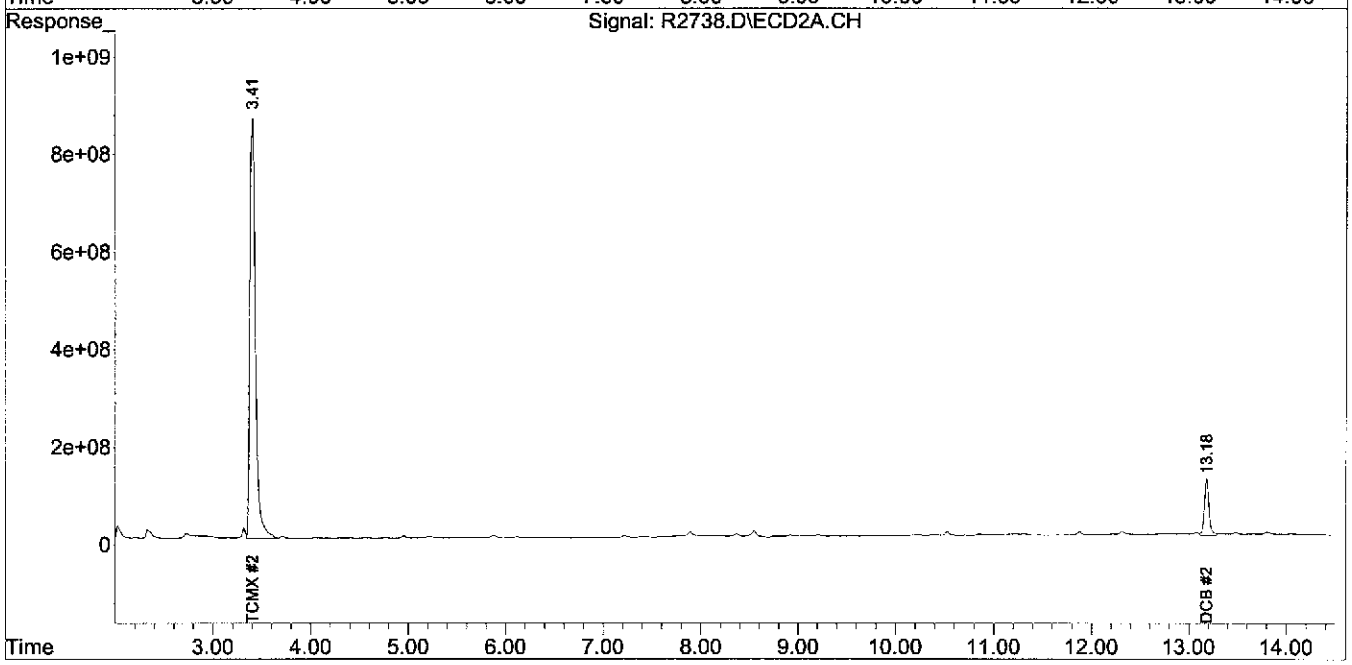
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : R2738.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Aug 2012 7:03
Operator : YG
Sample : P-37_(3.5-,07487-063,S,5.23g,66.0,08/01/12,4
Misc : 120801-13,07/25/12,07/25/12,1
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 13:13:29 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-09-12\
Data File : R2650.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 21:45
Operator : YG
Sample : P-37_(4.0-,07487-064,S,5.11g,18.6,08/01/12,4
Misc : 120801-13,07/25/12,07/25/12,1
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 11:05:31 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.48	3.39	45244.2E6	31514.1E6	263.326	218.924
Spiked Amount 200.000			Recovery	=	131.66%	109.46%
2) S DCB	13.10	13.18	11662.1E6	4723.1E6	199.781	117.911 #
Spiked Amount 200.000			Recovery	=	99.89%	58.96%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

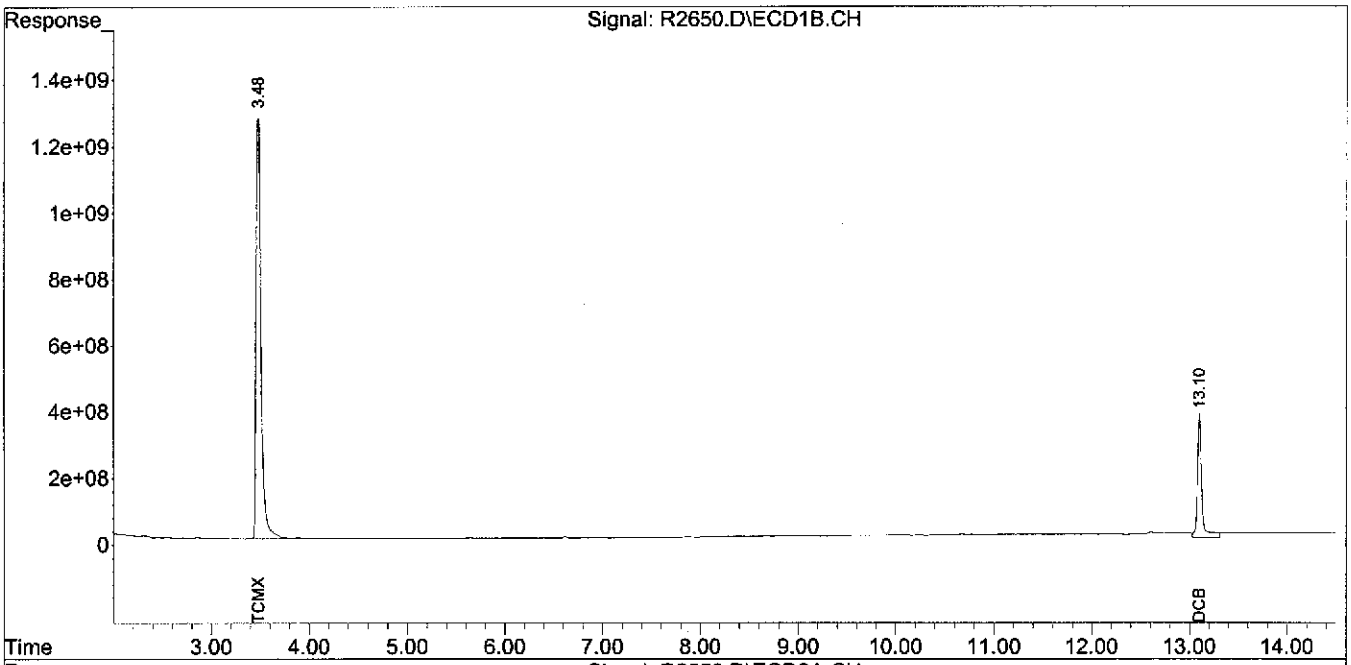
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

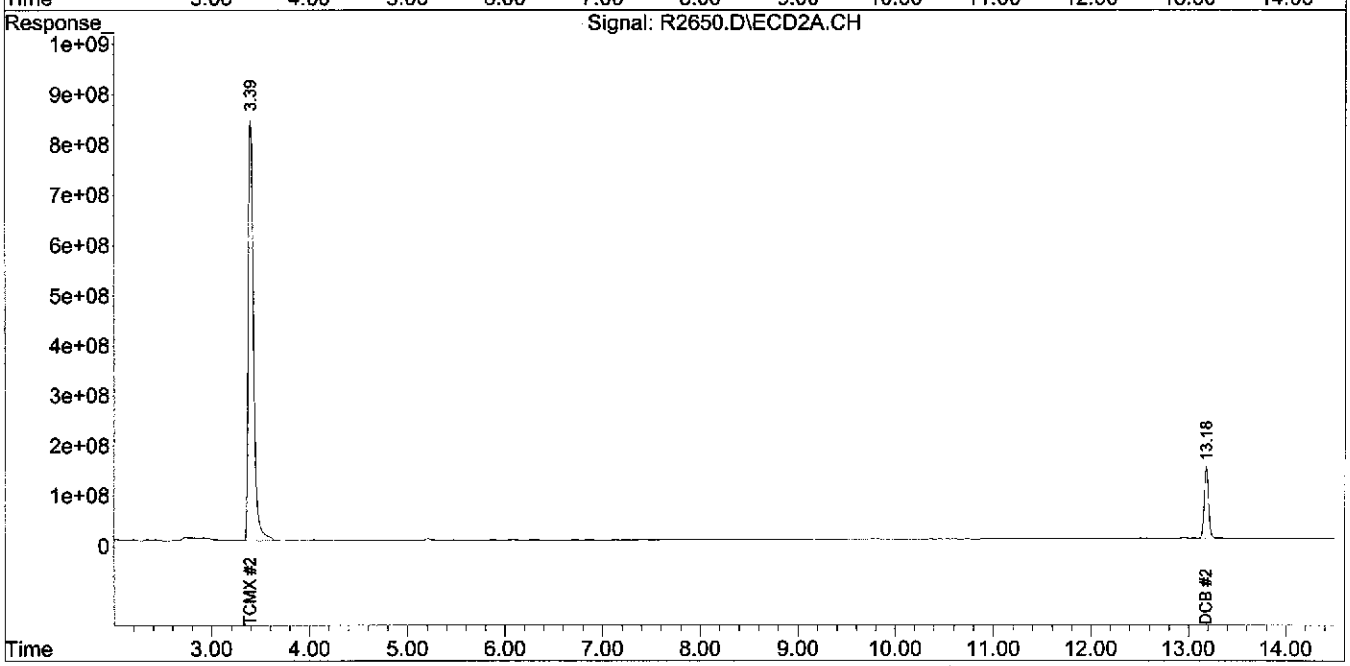
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-09-12\
Data File : R2650.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 21:45
Operator : YG
Sample : P-37_(4.0-,07487-064,S,5.11g,18.6,08/01/12,4
Misc : 120801-13,07/25/12,07/25/12,1
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 11:05:31 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-02-12\
Data File : Y7889.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 Aug 2012 13:14
Operator : YG
Sample : FB-20,07487-065,A,1000ml,100,08/01/12,1
Misc : 120801-06,07/25/12,07/25/12,1
ALS Vial : 55 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 07 10:25:14 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.83	2.92	15339.7E6	5167.4E6	161.351	147.841
Spiked Amount 200.000			Recovery	=	80.68%	73.92%
2) S DCB	12.11	12.50	1763.8E6	781.2E6	85.590m	90.912m
Spiked Amount 200.000			Recovery	=	42.80%	45.46%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

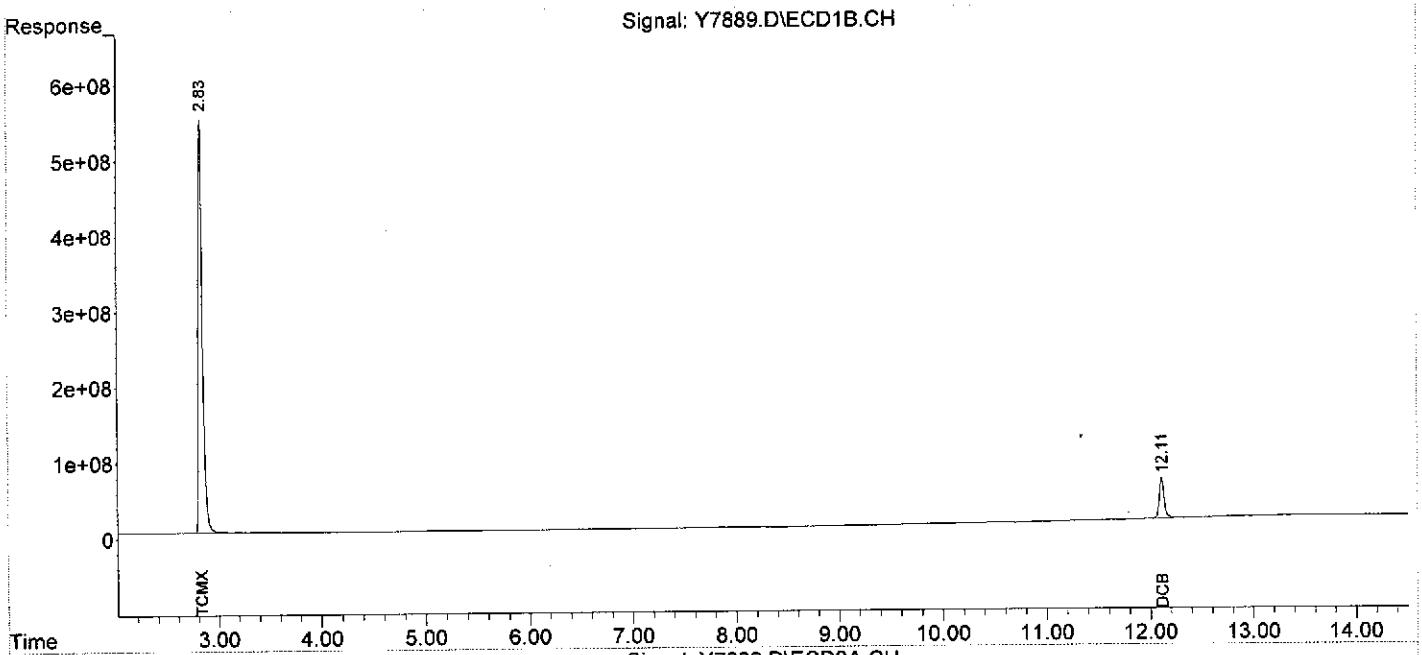
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

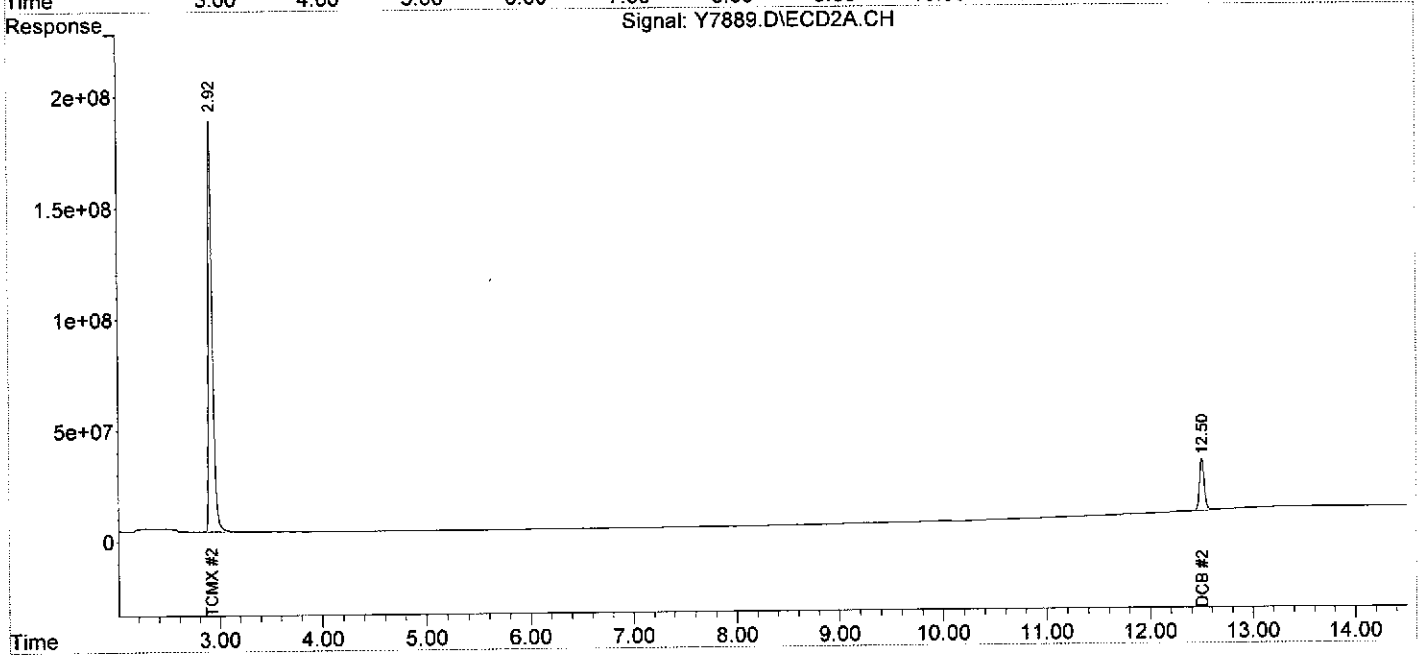
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-02-12\
Data File : Y7889.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 Aug 2012 13:14
Operator : YG
Sample : FB-20,07487-065,A,1000ml,100,08/01/12,1
Misc : 120801-06,07/25/12,07/25/12,1
ALS Vial : 55 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 07 10:25:14 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKA120801-06
Client ID: PCB
Date Received: NA
Date Extracted: 08/01/2012
Date Analyzed: 08/03/2012
Data file: Y7879.D

GC Column: DB-5/DB1701P
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.050	0.020
Aroclor-1221	ND		0.050	0.020
Aroclor-1232	ND		0.050	0.020
Aroclor-1242	ND		0.050	0.020
Aroclor-1248	ND		0.050	0.020
Aroclor-1254	ND		0.050	0.020
Aroclor-1260	ND		0.050	0.020
Aroclor-1262	ND		0.050	0.020
Aroclor-1268	ND		0.050	0.020
PCBs	ND		0.050	0.020

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-02-12\
Data File : Y7879.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 Aug 2012 10:22
Operator : YG
Sample : PCB,BLKA120801-06,A,1000ml,100,08/01/12,1
Misc : NA,NA,NA,1
ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 15:27:13 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.92	17198.5E6	5704.2E6	180.902	163.200
Spiked Amount 200.000			Recovery	=	90.45%	81.60%
2) S DCB	12.11	12.50	2058.8E6	923.9E6	99.904m	107.507m
Spiked Amount 200.000			Recovery	=	49.95%	53.75%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

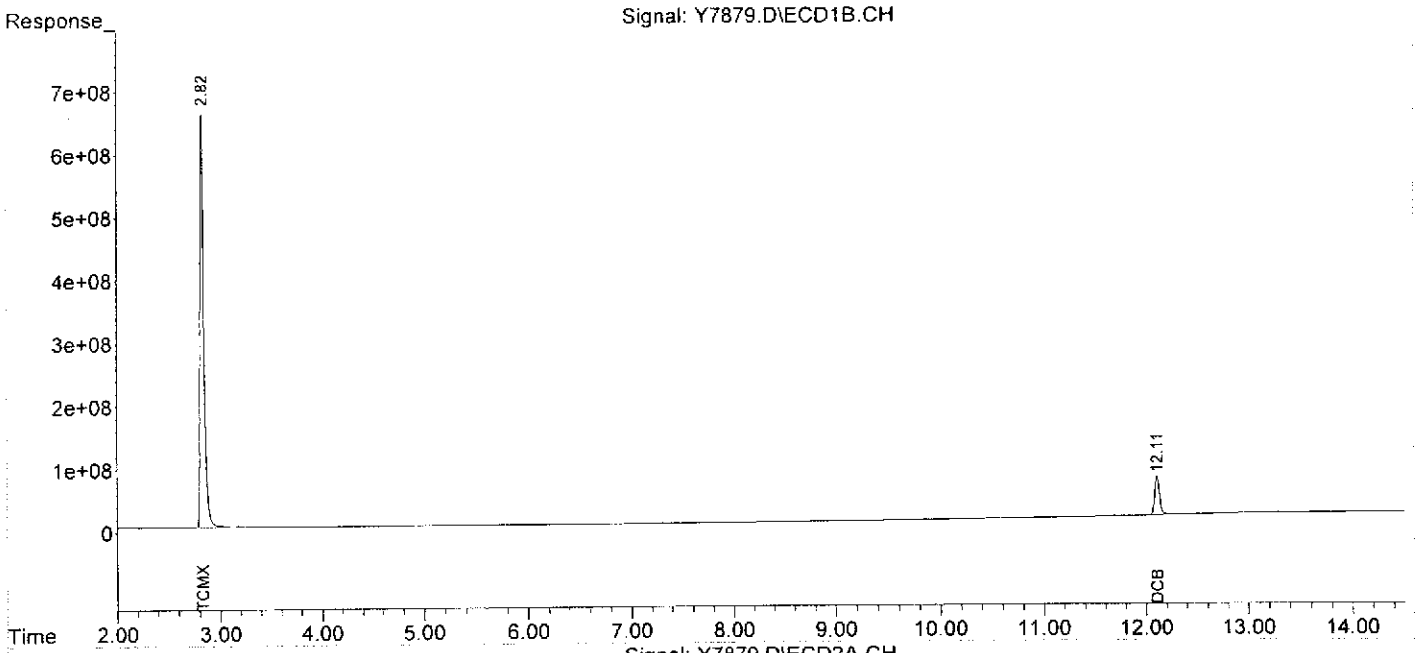
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

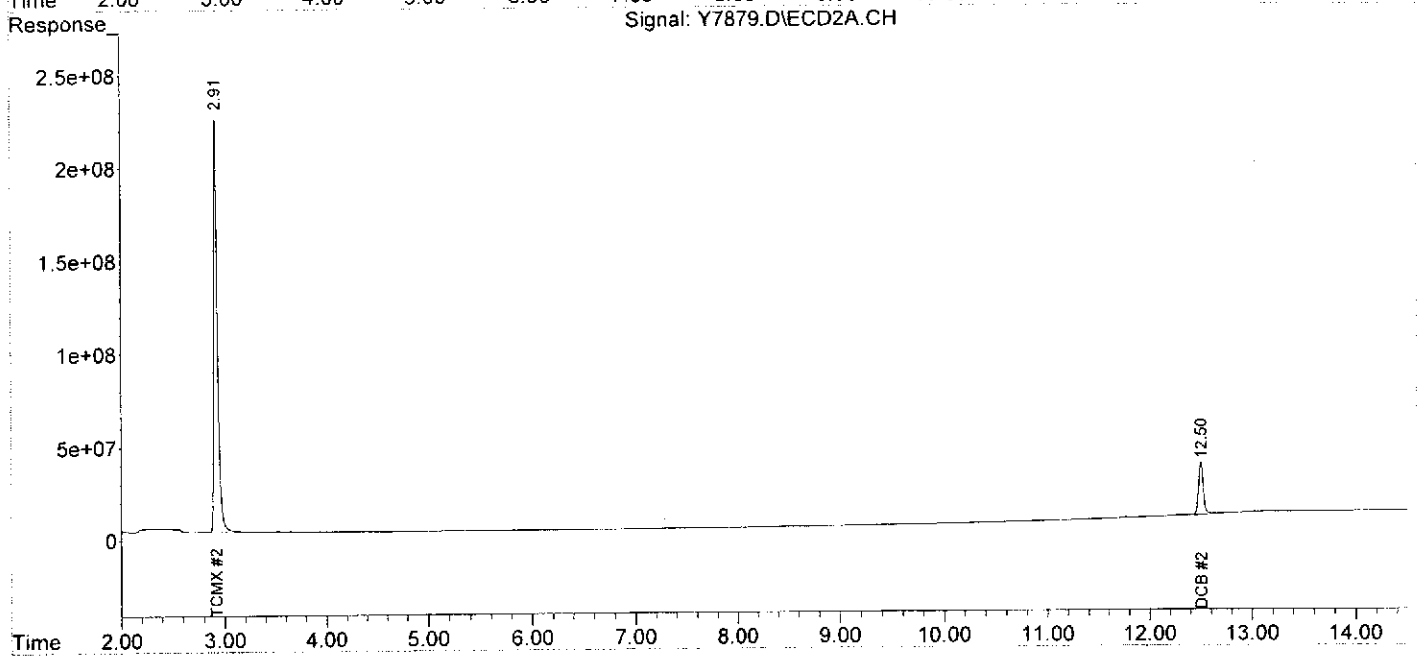
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-02-12\
Data File : Y7879.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 Aug 2012 10:22
Operator : YG
Sample : PCB,BLKA120801-06,A,1000ml,100,08/01/12,1
Misc : NA,NA,NA,1
ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 15:27:13 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKS120801-10
Client ID: PCB
Date Received: NA
Date Extracted: 08/01/2012
Date Analyzed: 08/08/2012
Data file: Y8171.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: NA

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.040	0.016
Aroclor-1221	ND		0.040	0.016
Aroclor-1232	ND		0.040	0.016
Aroclor-1242	ND		0.040	0.016
Aroclor-1248	ND		0.040	0.016
Aroclor-1254	ND		0.040	0.016
Aroclor-1260	ND		0.040	0.016
Aroclor-1262	ND		0.040	0.016
Aroclor-1268	ND		0.040	0.016
PCBs	ND		0.040	0.016

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8171.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 10:27
Operator : YG
Sample : PCB,BLKS120801-10,S,5.00g,0,08/01/12,4
Misc : NA,NA,NA,1
ALS Vial : 66 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 12:51:16 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.83	2.92	20793.1E6	6981.2E6	218.712	199.733
Spiked Amount 200.000			Recovery	=	109.36%	99.87%
2) S DCB	12.11	12.50	2201.1E6	1116.5E6	106.809	129.920m
Spiked Amount 200.000			Recovery	=	53.40%	64.96%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

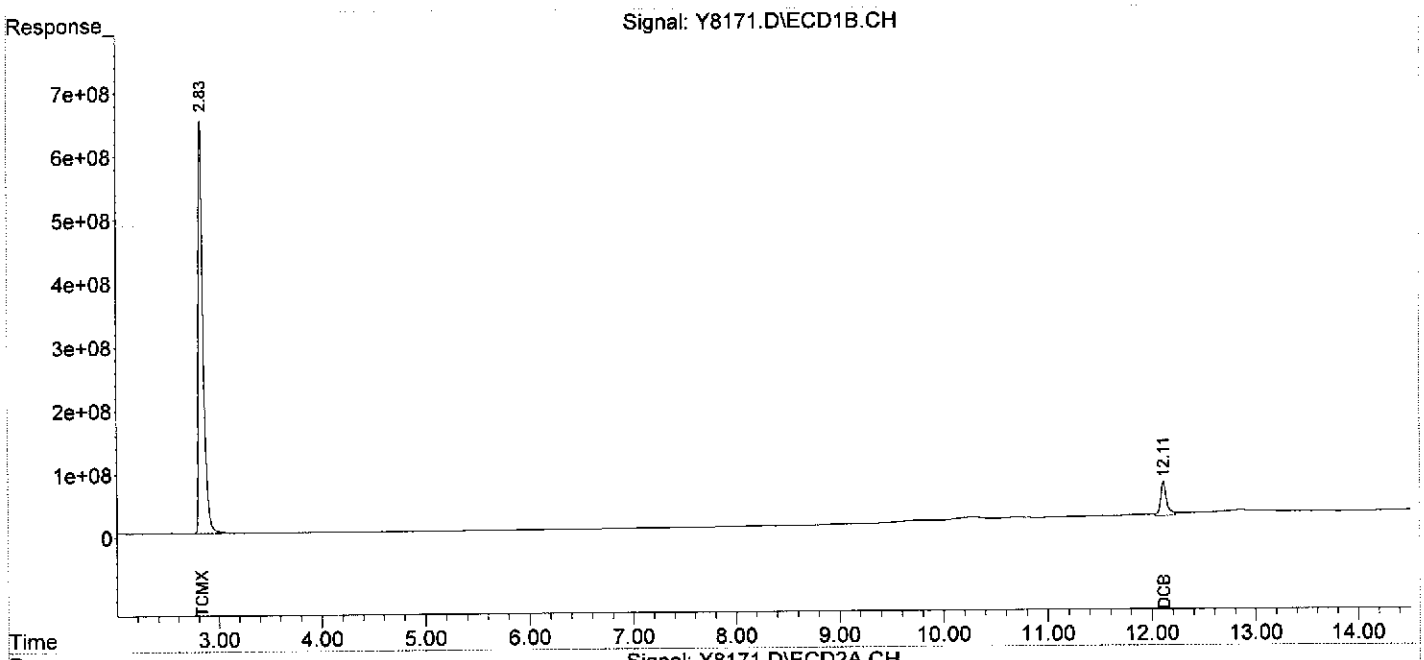
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

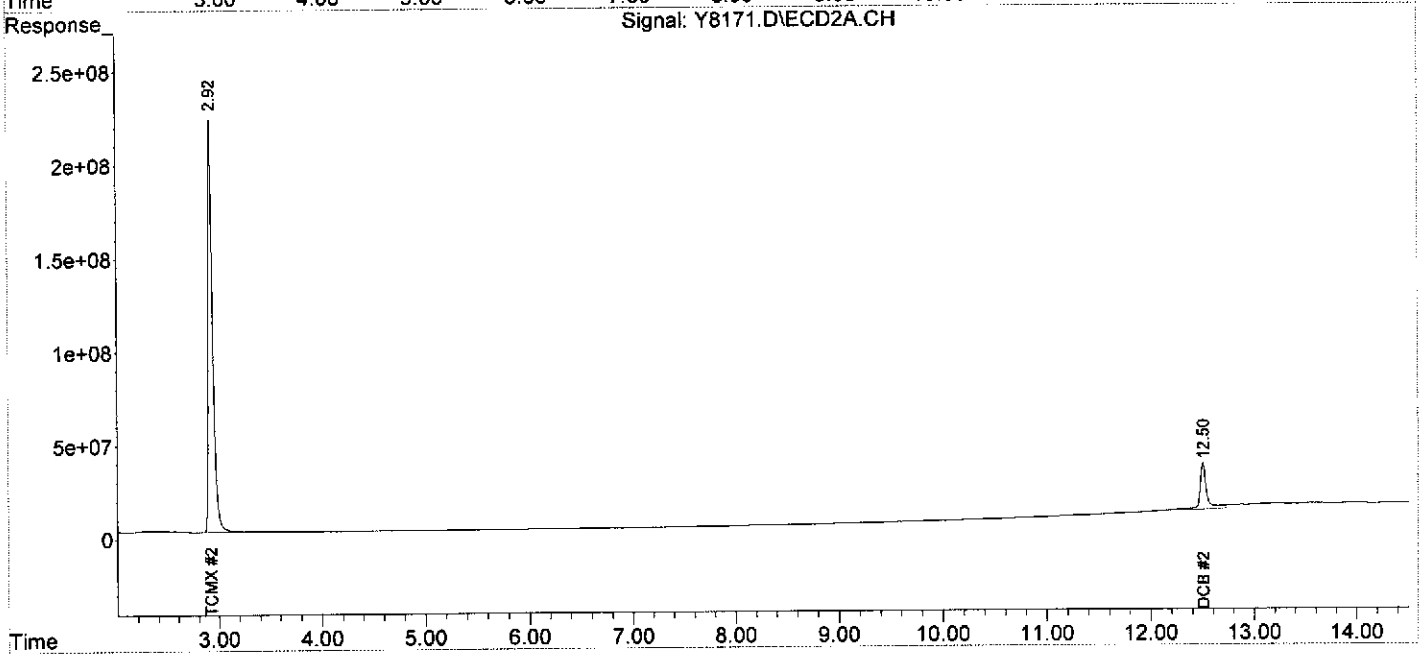
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8171.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 10:27
Operator : YG
Sample : PCB,BLKS120801-10,S,5.00g,0,08/01/12,4
Misc : NA,NA,NA,1
ALS Vial : 66 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 12:51:16 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKS120801-12
Client ID: PCB
Date Received: NA
Date Extracted: 08/01/2012
Date Analyzed: 08/09/2012
Data file: Y8250.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: NA

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.040	0.016
Aroclor-1221	ND		0.040	0.016
Aroclor-1232	ND		0.040	0.016
Aroclor-1242	ND		0.040	0.016
Aroclor-1248	ND		0.040	0.016
Aroclor-1254	ND		0.040	0.016
Aroclor-1260	ND		0.040	0.016
Aroclor-1262	ND		0.040	0.016
Aroclor-1268	ND		0.040	0.016
PCBs	ND		0.040	0.016

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-09-12\
Data File : Y8250.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 20:47
Operator : YG
Sample : PCB,BLKS120801-12,S,5.00g,0,08/01/12,4
Misc : NA,NA,NA,1
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:42:41 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	21150.8E6	6958.9E6	222.474	199.095
Spiked Amount 200.000			Recovery	=	111.24%	99.55%
2) S DCB	12.10	12.49	4137.3E6	1650.5E6	200.763	192.061m
Spiked Amount 200.000			Recovery	=	100.38%	96.03%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

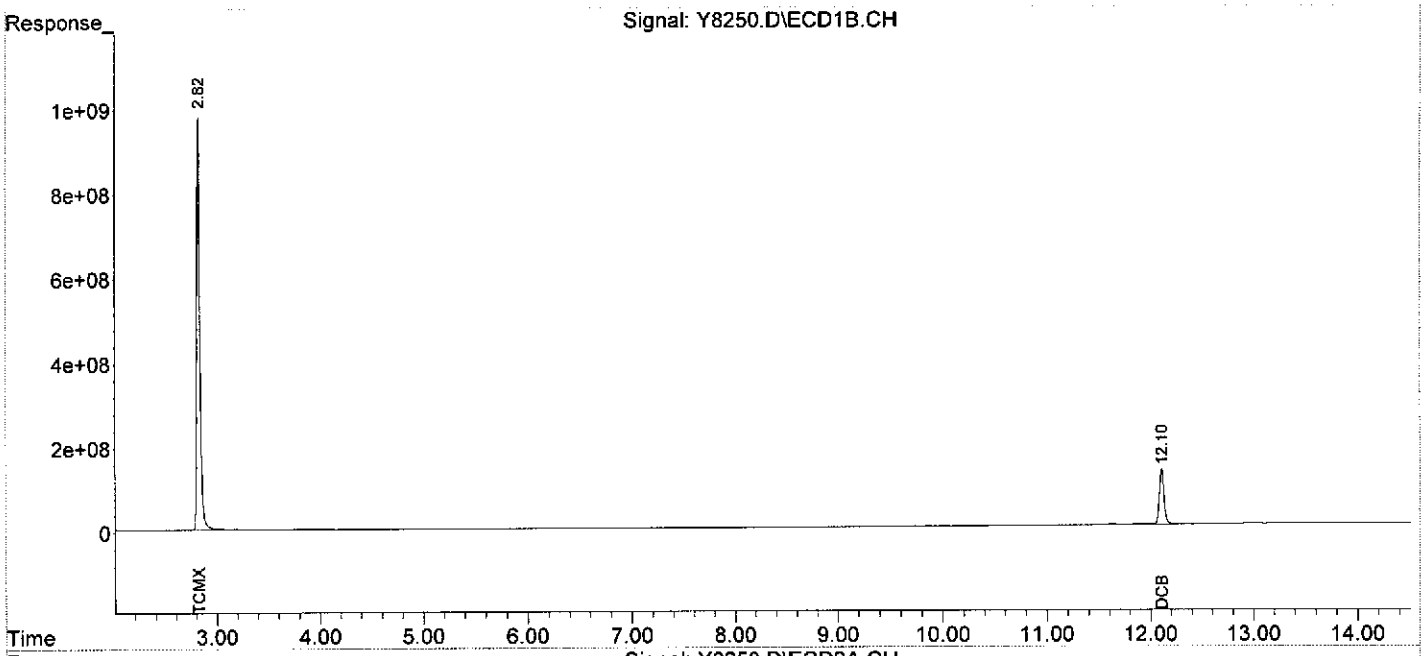
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

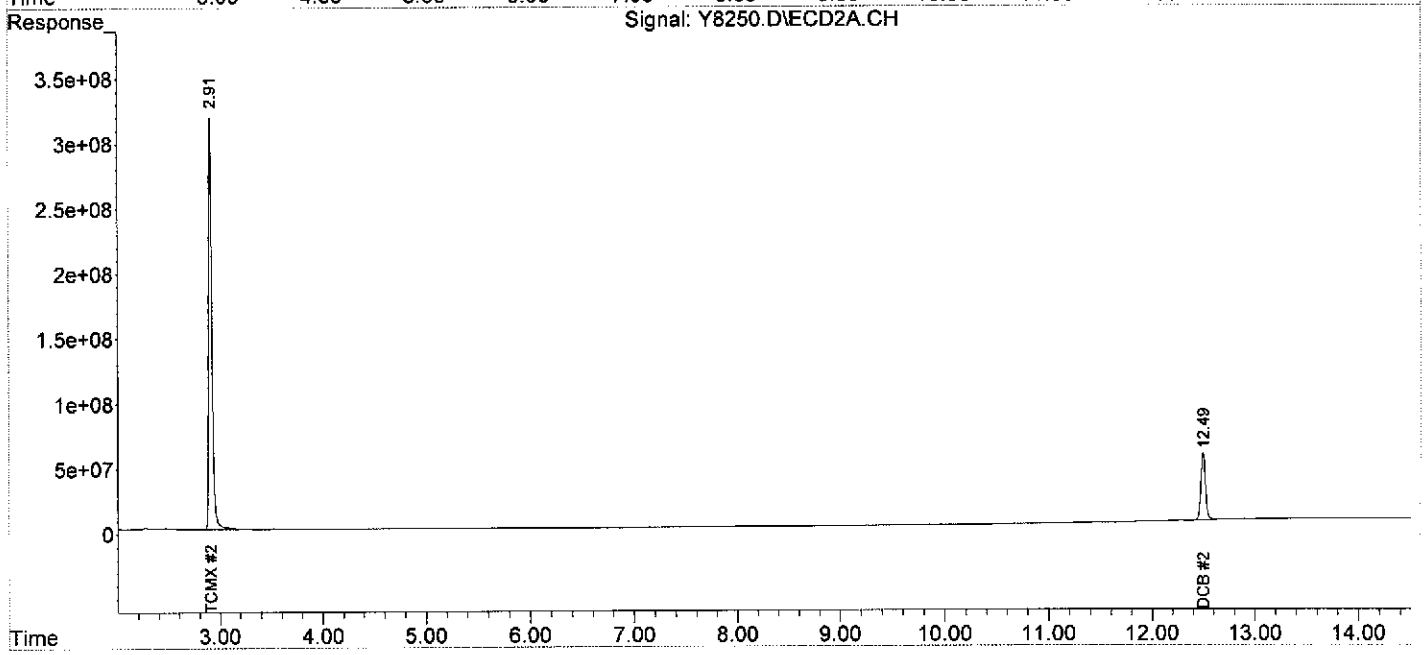
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-09-12\
Data File : Y8250.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 20:47
Operator : YG
Sample : PCB,BLKS120801-12,S,5.00g,0,08/01/12,4
Misc : NA,NA,NA,1
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 10:42:41 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKS120801-11
Client ID: PCB
Date Received: NA
Date Extracted: 08/01/2012
Date Analyzed: 08/09/2012
Data file: R2608.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: NA

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.040	0.016
Aroclor-1221	ND		0.040	0.016
Aroclor-1232	ND		0.040	0.016
Aroclor-1242	ND		0.040	0.016
Aroclor-1248	ND		0.040	0.016
Aroclor-1254	ND		0.040	0.016
Aroclor-1260	ND		0.040	0.016
Aroclor-1262	ND		0.040	0.016
Aroclor-1268	ND		0.040	0.016
PCBs	ND		0.040	0.016

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2608.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 3:32
Operator : YG
Sample : PCB,BLKS120801-11,S,5.00g,0,08/01/12,4
Misc : NA,NA,NA,1
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 09:53:00 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.48	3.39	46633.9E6	33163.5E6	271.415	230.382
Spiked Amount 200.000			Recovery	=	135.71%	115.19%
2) S DCB	13.10	13.18	7540.3E6	4554.6E6	129.171	113.705
Spiked Amount 200.000			Recovery	=	64.59%	56.85%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

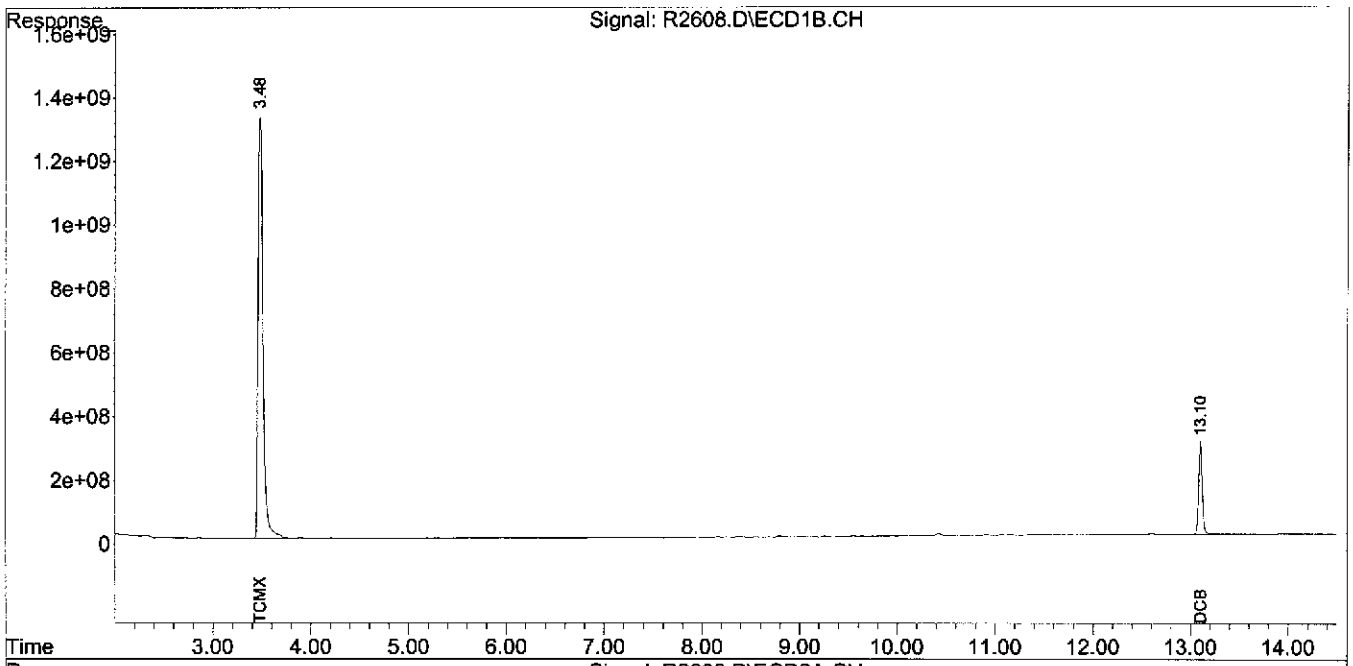
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

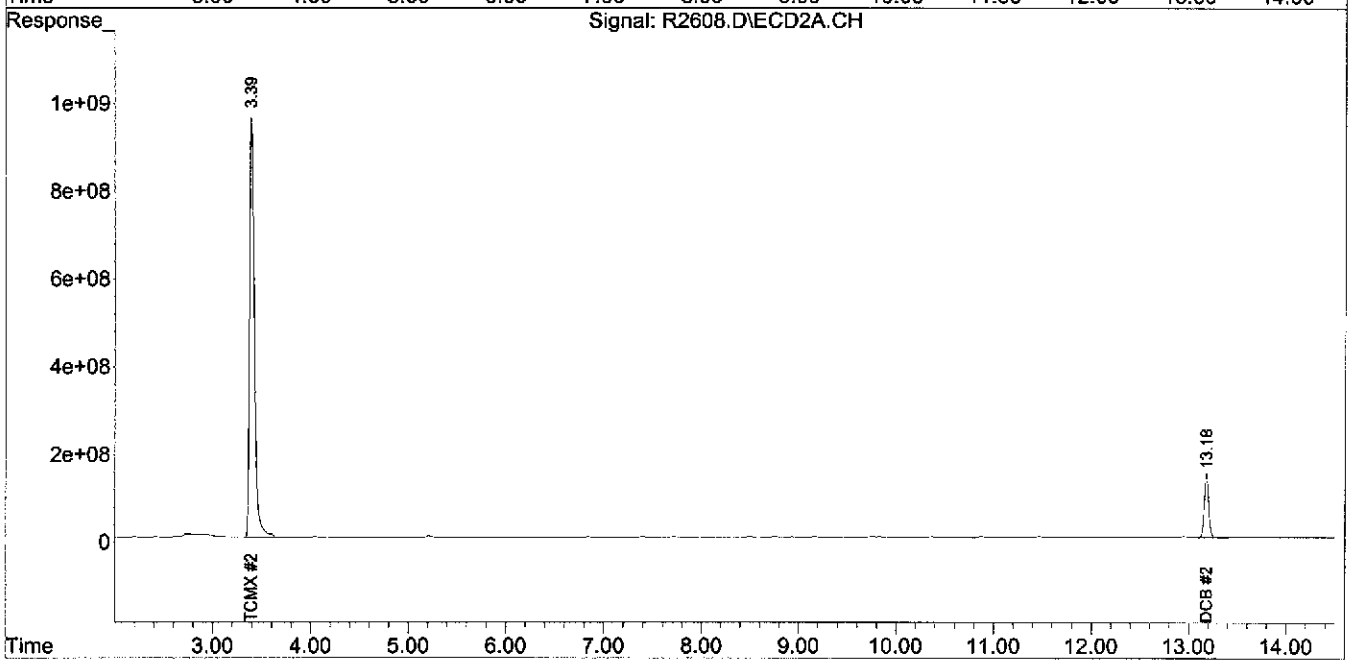
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2608.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 3:32
Operator : YG
Sample : PCB,BLKS120801-11,S,5.00g,0,08/01/12,4
Misc : NA,NA,NA,1
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 09:53:00 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKS120801-13
Client ID: PCB
Date Received: NA
Date Extracted: 08/01/2012
Date Analyzed: 08/09/2012
Data file: R2646.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: NA

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.040	0.016
Aroclor-1221	ND		0.040	0.016
Aroclor-1232	ND		0.040	0.016
Aroclor-1242	ND		0.040	0.016
Aroclor-1248	ND		0.040	0.016
Aroclor-1254	ND		0.040	0.016
Aroclor-1260	ND		0.040	0.016
Aroclor-1262	ND		0.040	0.016
Aroclor-1268	ND		0.040	0.016
PCBs	ND		0.040	0.016

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-09-12\
Data File : R2646.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 20:35
Operator : YG
Sample : PCB,BLKS120801-13,S,5.00g,0,08/01/12,4
Misc : NA,NA,NA,1
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 11:00:08 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.48	3.39	45829.8E6	33360.3E6	266.735	231.749
Spiked Amount 200.000			Recovery	=	133.37%	115.87%
2) S DCB	13.10	13.18	7447.0E6	4539.3E6	127.574	113.324
Spiked Amount 200.000			Recovery	=	63.79%	56.66%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

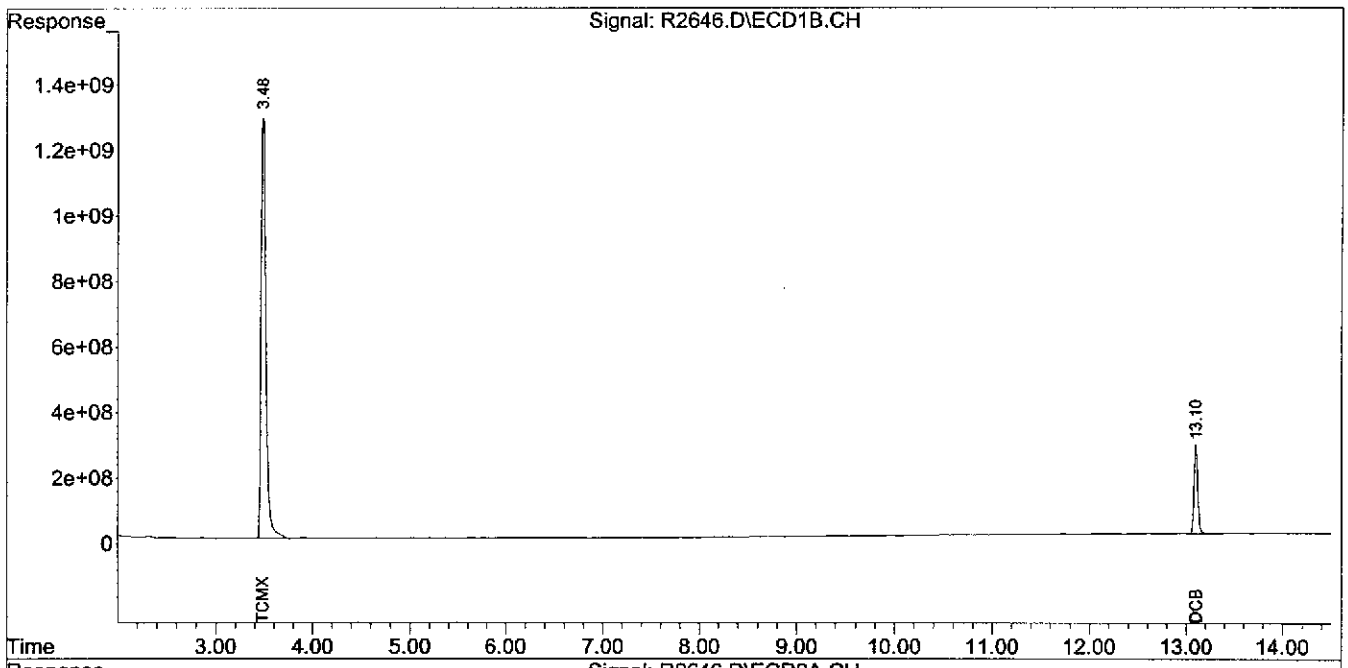
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

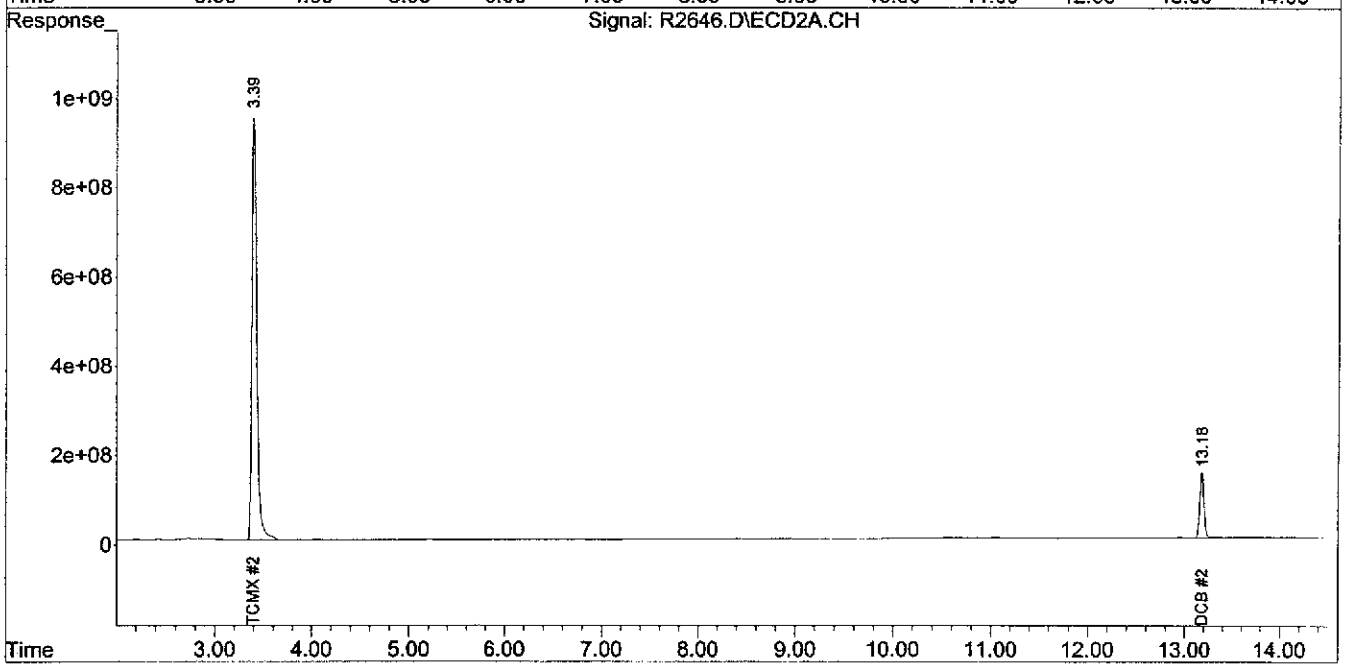
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-09-12\
Data File : R2646.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 20:35
Operator : YG
Sample : PCB,BLKS120801-13,S,5.00g,0,08/01/12,4
Misc : NA,NA,NA,1
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 15 11:00:08 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\08-03-12\
Data File : R2321.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 Aug 2012 12:03
Operator : YG
Sample : 8082_1248_IAS_4309,0.5_PPM
Misc : NA,NA,NA,1
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 03 16:32:57 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:32:34 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.47	3.39	39548.9E6	31592.7E6	236.846	229.777
Spiked Amount 200.000			Recovery	=	118.42%	114.89%
2) S DCB	13.10	13.19	12589.8E6	7521.2E6	230.847	209.692
Spiked Amount 200.000			Recovery	=	115.42%	104.85%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.29	5.70	3808.7E6	2792.3E6	500.000	500.000
24) L6 Aroclor-1248 {2}	5.86	6.30	2145.0E6	3992.7E6	500.000	500.000
25) L6 Aroclor-1248 {3}	6.19	6.70	2746.5E6	2984.1E6	500.000	500.000
26) L6 Aroclor-1248 {4}	6.92	6.86	4260.1E6	2553.0E6	500.000	500.000
27) L6 Aroclor-1248 {5}	7.20	7.22	3579.5E6	1443.9E6	500.000	500.000
Sum Aroclor-1248			16539.7E6	13766.1E6	2500.000	2500.000
Average Aroclor-1248					500.000	500.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

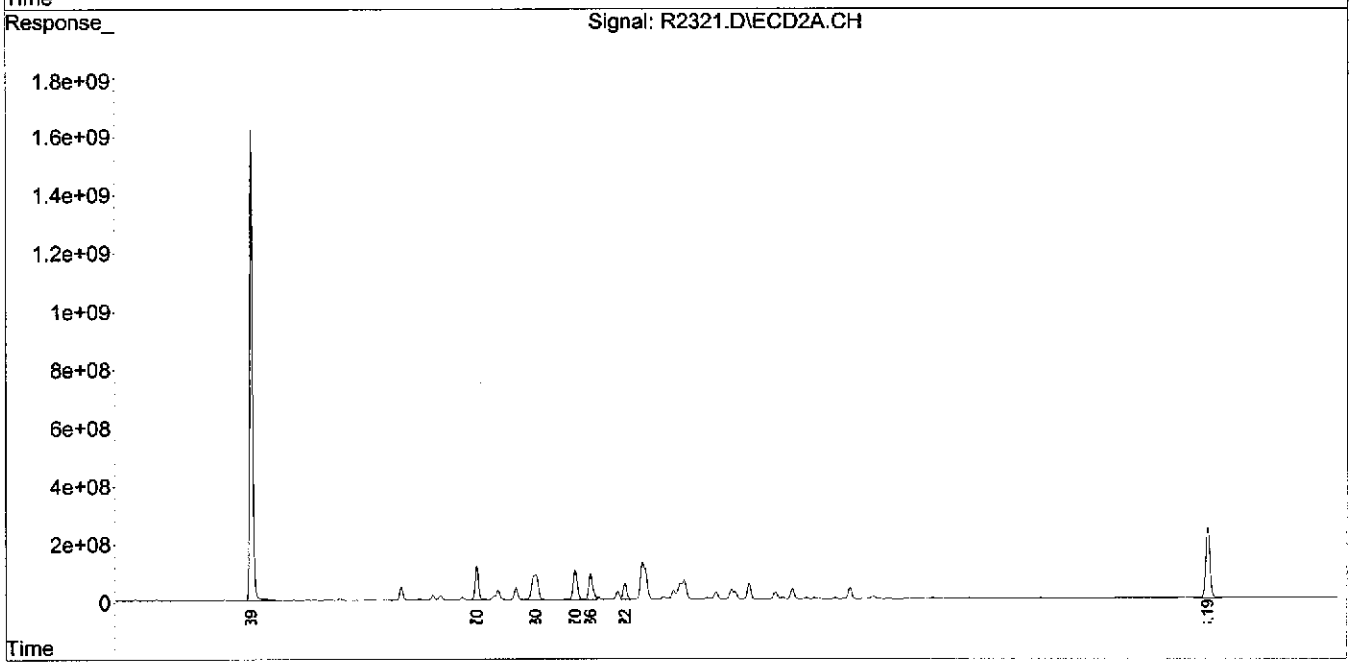
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

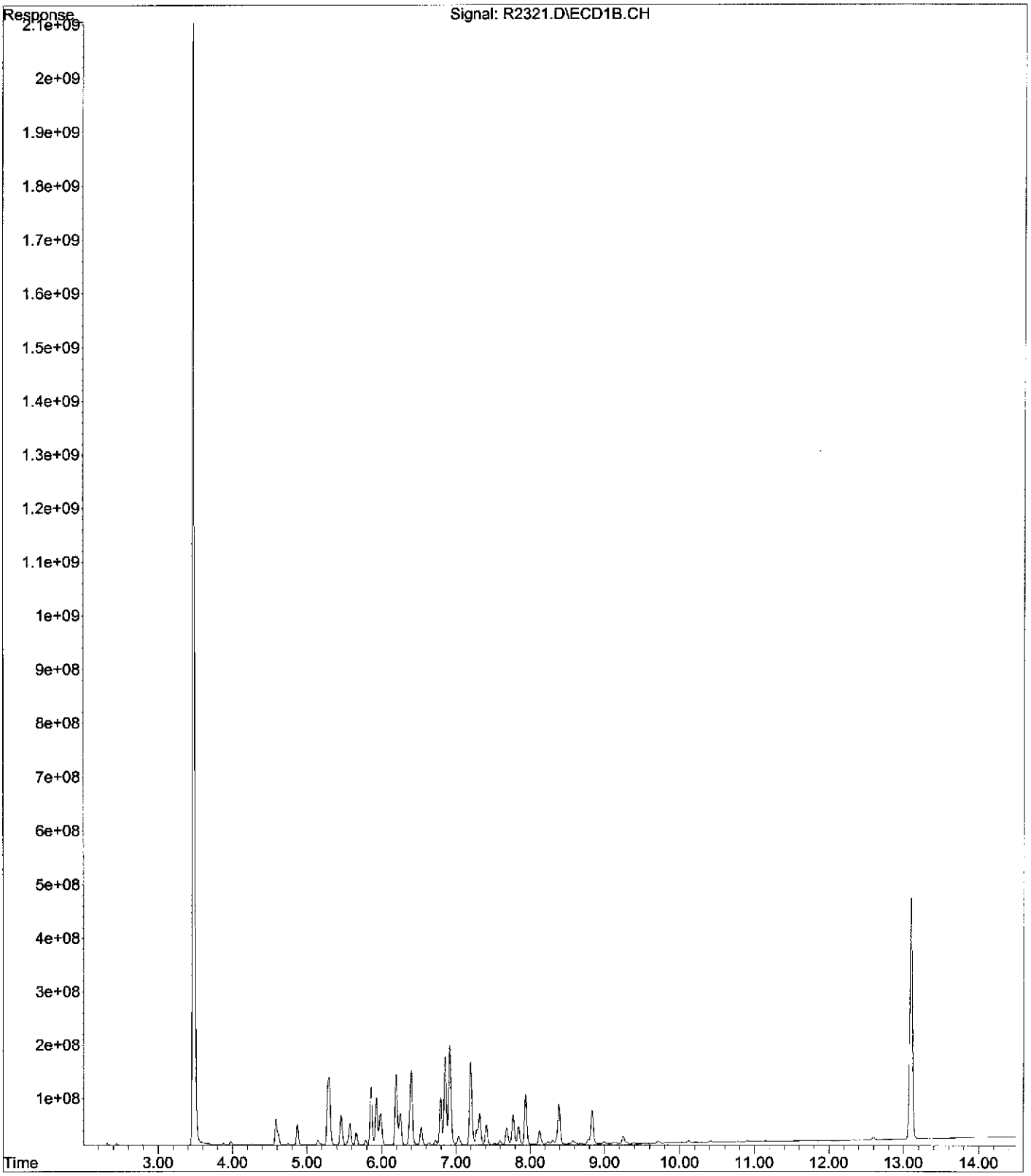
Data Path : C:\MSDChem\1\DATA\08-03-12\
Data File : R2321.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 Aug 2012 12:03
Operator : YG
Sample : 8082_1248_IAS_4309,0.5_PPM
Misc : NA,NA,NA,1
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 03 16:32:57 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:32:34 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



File :C:\MSDChem\1\DATA\08-03-12\R2321.D
Operator : YG
Acquired : 03 Aug 2012 12:03 using AcqMethod RPCB0803.M
Instrument : GC_R
Sample Name: 8082_1248_IAS_4309,0.5_PPM
Misc Info : NA,NA,NA,1
Vial Number: 9



Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\08-03-12\
Data File : R2322.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 Aug 2012 12:21
Operator : YG
Sample : 8082_1254_IAS_4310,0.5_PPM
Misc : NA,NA,NA,1
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 03 16:34:17 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:33:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.48	3.39	42966.2E6	35956.3E6	252.151	253.470
Spiked Amount 200.000			Recovery	=	126.08%	126.74%
2) S DCB	13.10	13.19	11221.3E6	8211.7E6	211.051	224.618
Spiked Amount 200.000			Recovery	=	105.53%	112.31%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	7.32	7.71	4967.3E6	2720.8E6	500.000	500.000
29) L7 Aroclor-1254 {2}	7.77	8.31	3178.7E6	2989.0E6	500.000	500.000
30) L7 Aroclor-1254 {3}	7.94	8.76	5923.3E6	1919.4E6	500.000	500.000
31) L7 Aroclor-1254 {4}	8.39	8.93	6904.4E6	2862.5E6	500.000	500.000
32) L7 Aroclor-1254 {5}	9.25	9.76	5769.0E6	3978.5E6	500.000	500.000
Sum Aroclor-1254			26742.7E6	14470.2E6	2500.000	2500.000
Average Aroclor-1254					500.000	500.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

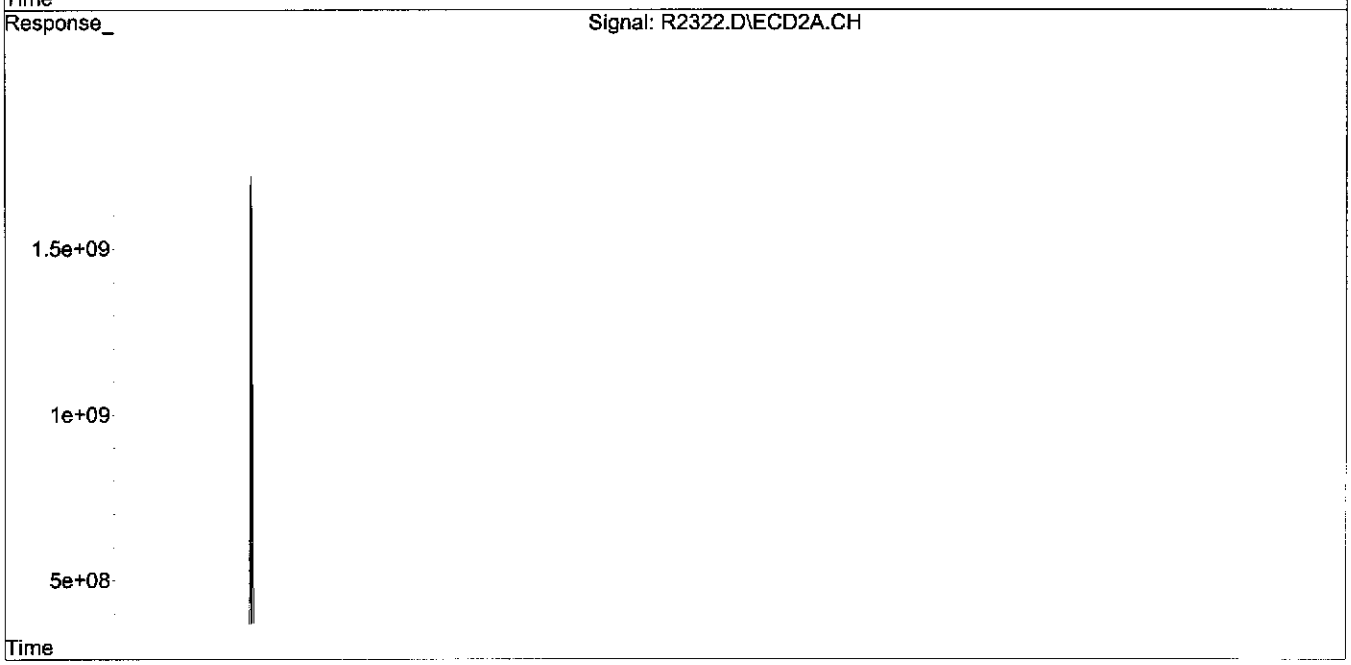
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

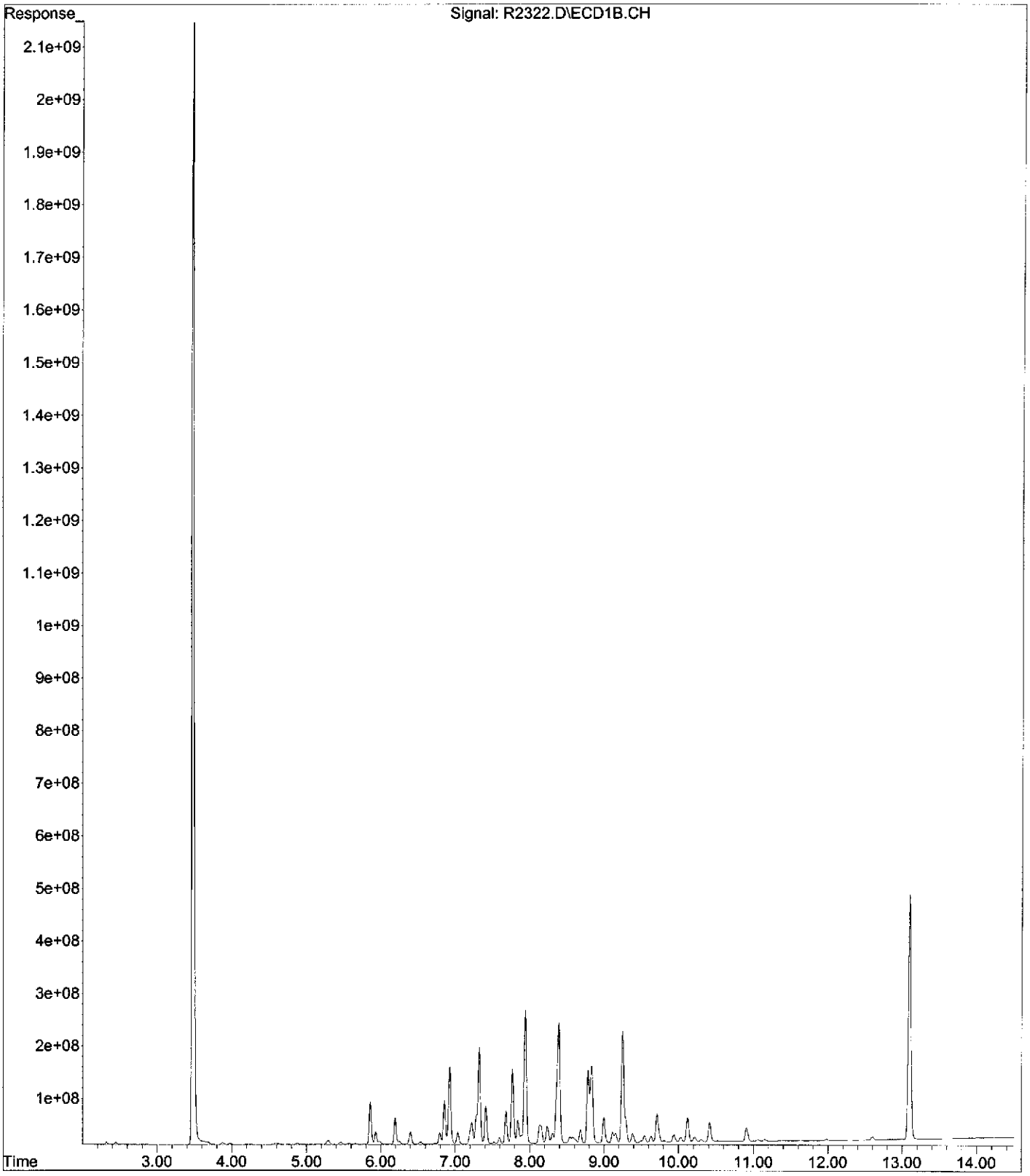
Data Path : C:\MSDChem\1\DATA\08-03-12\
Data File : R2322.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 Aug 2012 12:21
Operator : YG
Sample : 8082_1254_IAS_4310,0.5_PPM
Misc : NA,NA,NA,1
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 03 16:34:17 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:33:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

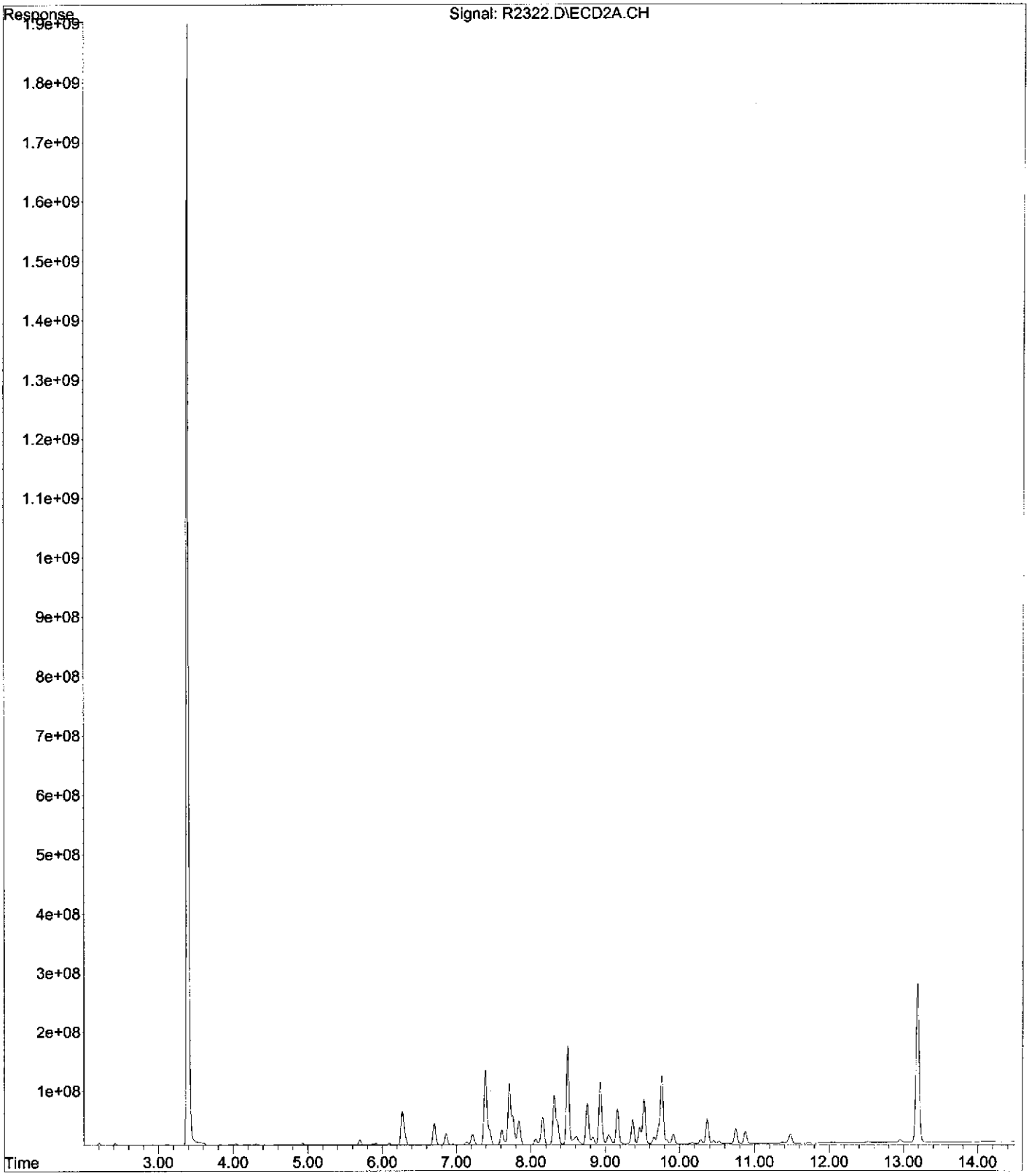
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



File :C:\MSDChem\1\DATA\08-03-12\R2322.D
Operator : YG
Acquired : 03 Aug 2012 12:21 using AcqMethod RPCB0803.M
Instrument : GC_R
Sample Name: 8082_1254_IAS_4310,0.5_PPM
Misc Info : NA,NA,NA,1
Vial Number: 10



File :C:\MSDChem\1\DATA\08-03-12\R2322.D
Operator : YG
Acquired : 03 Aug 2012 12:21 using AcqMethod RPCB0803.M
Instrument : GC_R
Sample Name: 8082_1254_IAS_4310,0.5_PPM
Misc Info : NA,NA,NA,1
Vial Number: 10



Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\08-03-12\
Data File : R2325.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 Aug 2012 13:13
Operator : YG
Sample : 8082_C_IAS_4296,0.5_PPM
Misc : NA,NA,NA,1
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 03 16:40:45 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.47	3.39	38472.5E6	30444.6E6	223.915	211.494
Spiked Amount 200.000			Recovery	=	111.96%	105.75%
2) S DCB	13.10	13.19	9687.3E6	7042.6E6	165.952	175.820
Spiked Amount 200.000			Recovery	=	82.98%	87.91%
Target Compounds						
3) L2 Aroclor-1016	3.98	4.31	1704.8E6	1337.9E6	482.588	487.163
4) L2 Aroclor-1016 {2}	4.87	4.93	2271.4E6	2606.0E6	517.911	477.929
5) L2 Aroclor-1016 {3}	5.45	5.70	3089.3E6	5753.1E6	478.898	478.297
6) L2 Aroclor-1016 {4}	5.99	5.91	1429.6E6	2484.5E6	474.098	494.001
7) L2 Aroclor-1016 {5}	6.40	6.09	2556.6E6	1912.2E6	461.575	481.801
Sum Aroclor-1016			11051.7E6	14093.8E6	2415.070	2419.191
Average Aroclor-1016					483.014	483.838
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.25	8.75	8141.5E6	3138.8E6	580.708	496.994
34) L8 Aroclor-1260 {2}	9.94	9.16	3667.5E6	3623.2E6	494.582	496.424
35) L8 Aroclor-1260 {3}	10.41	10.37	11925.3E6	2661.3E6	476.849	528.024
36) L8 Aroclor-1260 {4}	10.91	10.88	5135.7E6	5436.9E6	494.182	542.110
37) L8 Aroclor-1260 {5}	11.98	11.48	2170.0E6	4199.9E6	467.428	517.044
Sum Aroclor-1260			31040.0E6	19060.0E6	2513.749	2580.595
Average Aroclor-1260					502.750	516.119
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\08-03-12\
Data File : R2325.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 Aug 2012 13:13
Operator : YG
Sample : 8082_C_IAS_4296,0.5_PPM
Misc : NA,NA,NA,1
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 03 16:40:45 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2

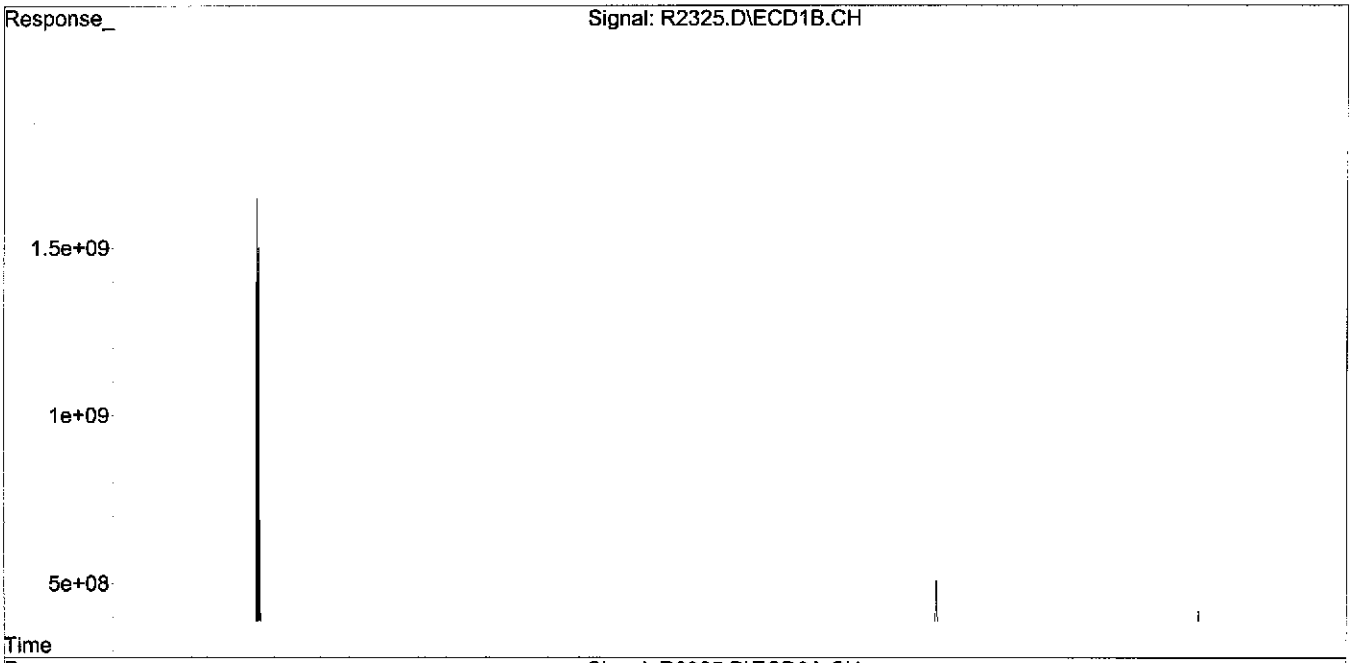
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

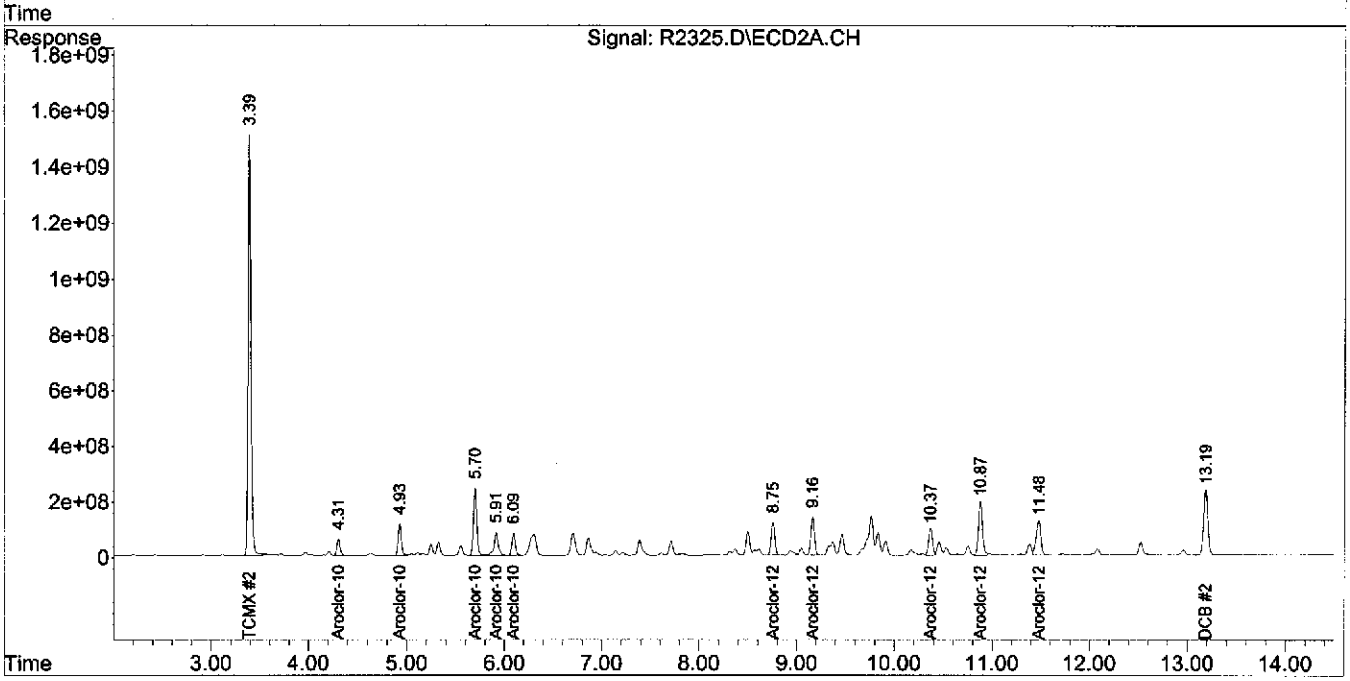
Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\08-03-12\
Data File : R2325.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 Aug 2012 13:13
Operator : YG
Sample : 8082_C_IAS_4296,0.5_PPM
Misc : NA,NA,NA,1
ALS Vial : 3 Sample Multiplier: 1

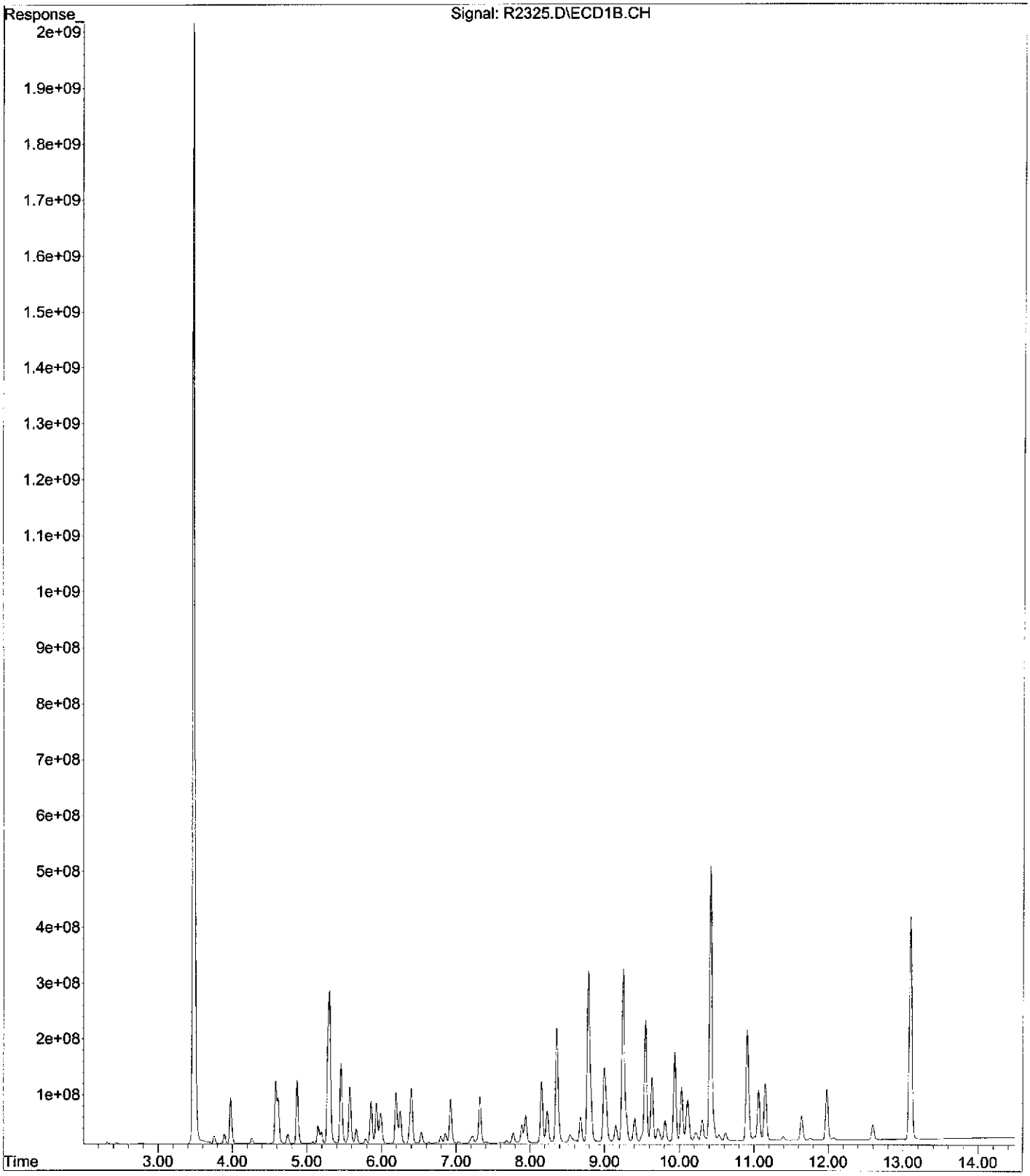
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 03 16:40:45 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





File :C:\MSDChem\1\DATA\08-03-12\R2325.D
Operator : YG
Acquired : 03 Aug 2012 13:13 using AcqMethod RPCB0803.M
Instrument : GC_R
Sample Name: 8082_C_IAS_4296,0.5_PPM
Misc Info : NA,NA,NA,1
Vial Number: 3



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7476.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 13:09
Operator : YG
Sample : 8082_1242_IAS_4308,0.5_PPM
Misc : NA,NA,NA,1
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 27 15:10:06 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Fri Jul 27 15:09:43 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	28363.8E6	9588.6E6	287.826	265.867
Spiked Amount 200.000			Recovery	=	143.91%	132.93%
2) S DCB	12.11	12.51	5417.3E6	2450.0E6	254.904	274.153
Spiked Amount 200.000			Recovery	=	127.45%	137.08%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
18) L5 Aroclor-1242	4.11	4.77	1107.5E6	257.3E6	500.000	500.000
19) L5 Aroclor-1242 {2}	5.05	5.52	695.4E6	451.7E6	500.000	500.000
20) L5 Aroclor-1242 {3}	5.37	6.12	996.2E6	585.3E6	500.000	500.000
21) L5 Aroclor-1242 {4}	6.06	6.28	1638.9E6	488.5E6	500.000	500.000
22) L5 Aroclor-1242 {5}	6.33	6.83	1407.3E6	971.1E6	500.000	500.000
Sum Aroclor-1242			5845.2E6	2753.8E6	2500.000	2500.000
Average Aroclor-1242					500.000	500.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

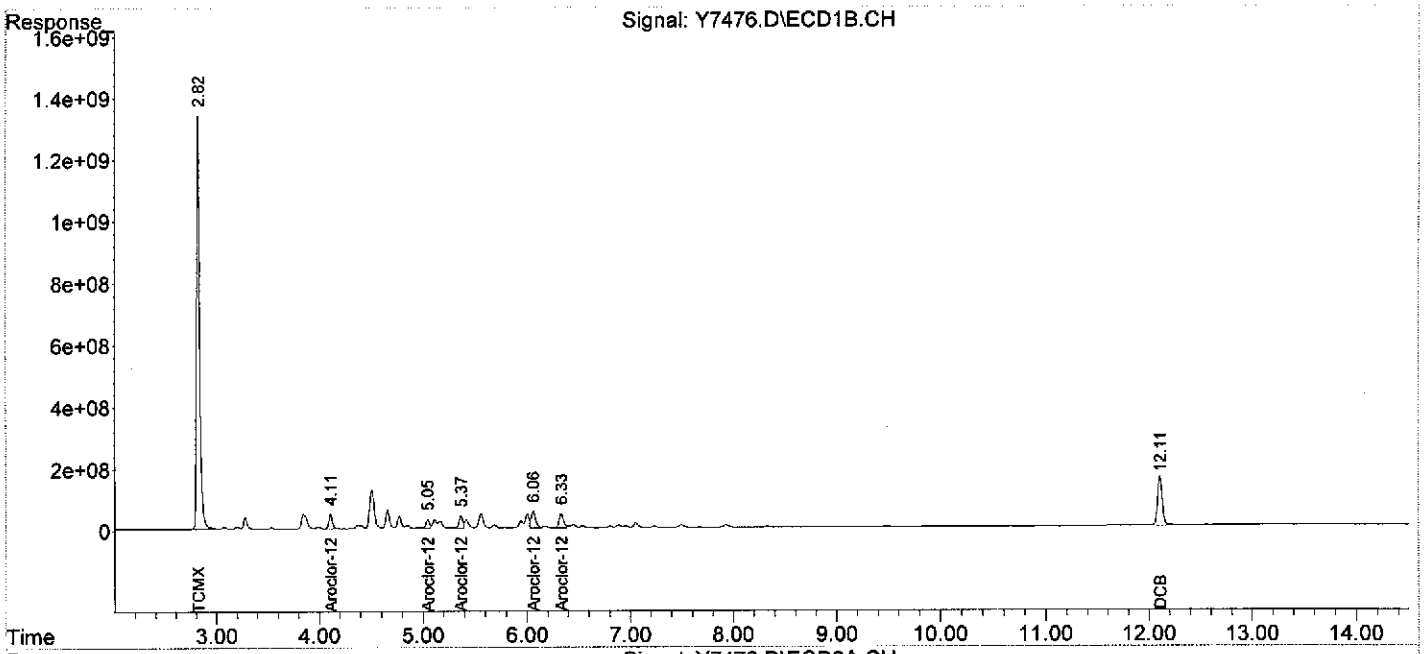
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

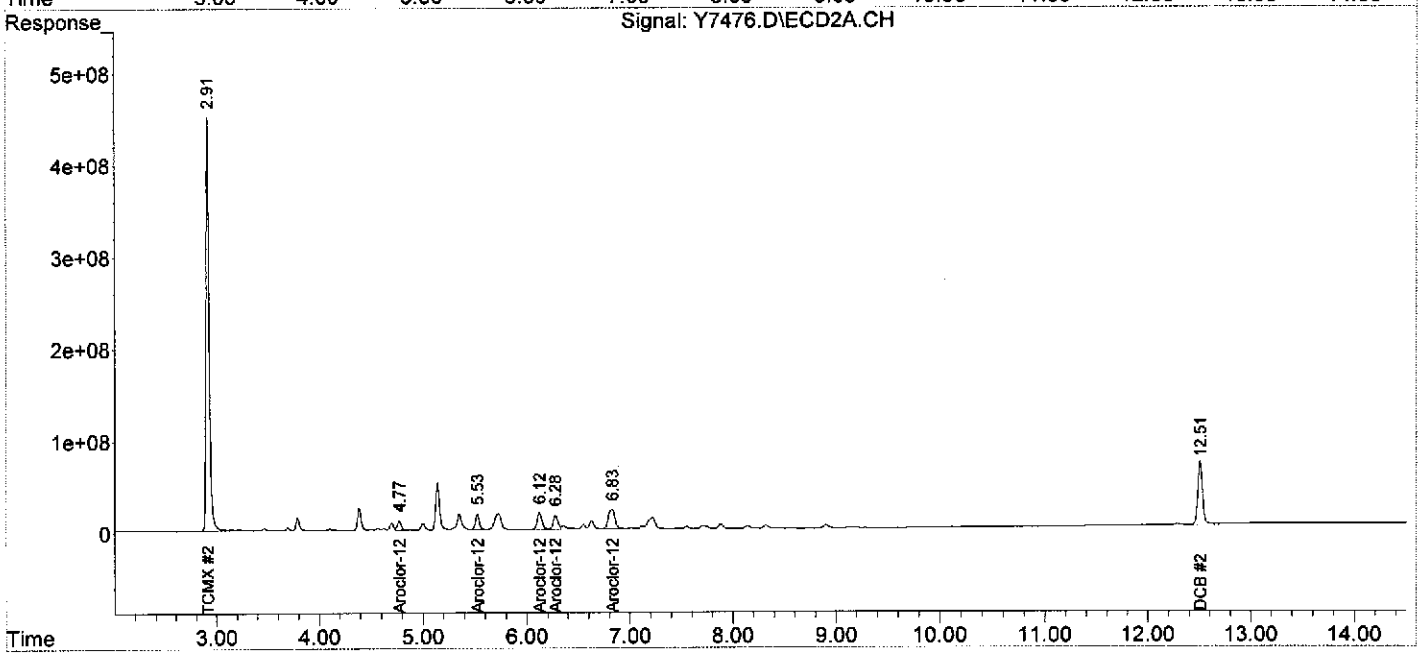
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7476.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 13:09
Operator : YG
Sample : 8082_1242_IAS_4308,0.5_PPM
Misc : NA,NA,NA,1
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 27 15:10:06 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Fri Jul 27 15:09:43 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7477.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 13:27
Operator : YG
Sample : 8082_1248_IAS_4309,0.5_PPM
Misc : NA,NA,NA,1
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 27 15:21:40 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Fri Jul 27 15:21:22 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	25277.5E6	8693.5E6	264.800	247.184
Spiked Amount 200.000			Recovery	=	132.40%	123.59%
2) S DCB	12.11	12.51	4991.6E6	1970.0E6	239.672	232.955
Spiked Amount 200.000			Recovery	=	119.84%	116.48%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.51	5.14	2204.5E6	797.0E6	500.000	500.000
24) L6 Aroclor-1248 {2}	5.05	5.72	1211.9E6	1171.3E6	500.000	500.000
25) L6 Aroclor-1248 {3}	5.37	6.12	1534.3E6	846.9E6	500.000	500.000
26) L6 Aroclor-1248 {4}	6.06	6.28	2786.6E6	726.8E6	500.000	500.000
27) L6 Aroclor-1248 {5}	6.33	6.63	2082.8E6	419.8E6	500.000	500.000
Sum Aroclor-1248			9819.9E6	3961.9E6	2500.000	2500.000
Average Aroclor-1248					500.000	500.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

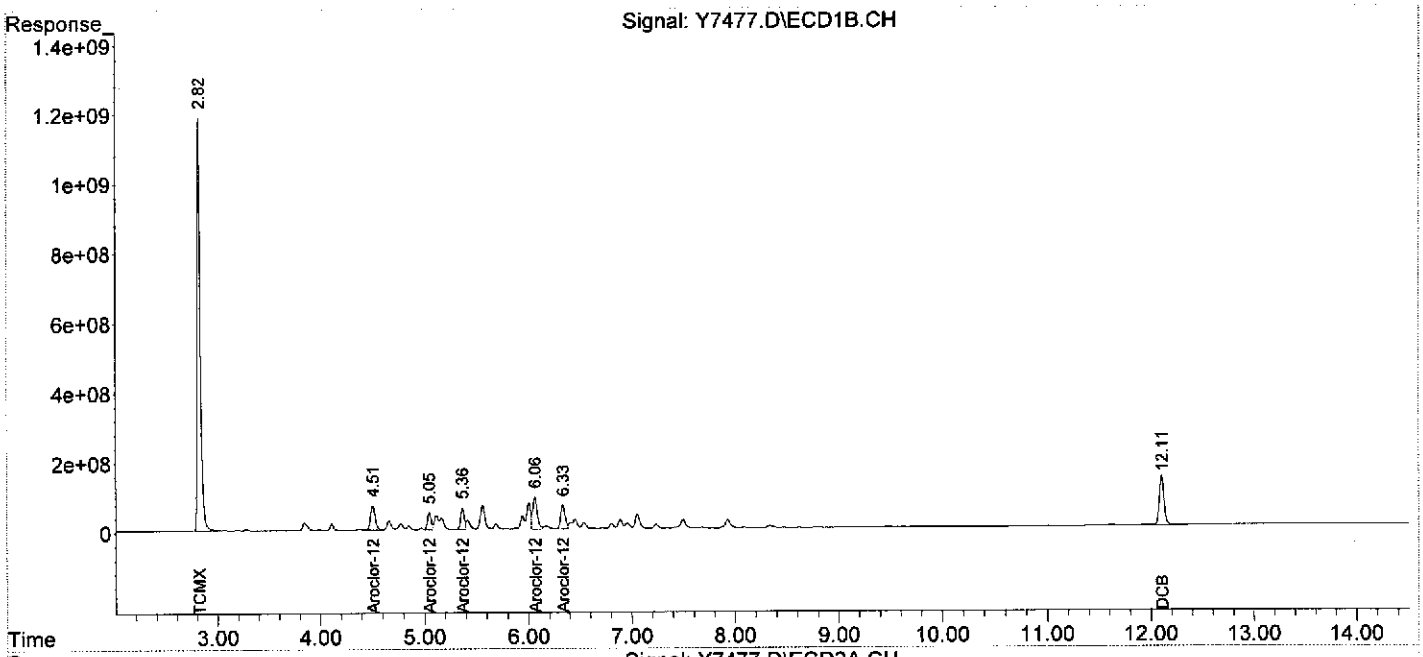
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

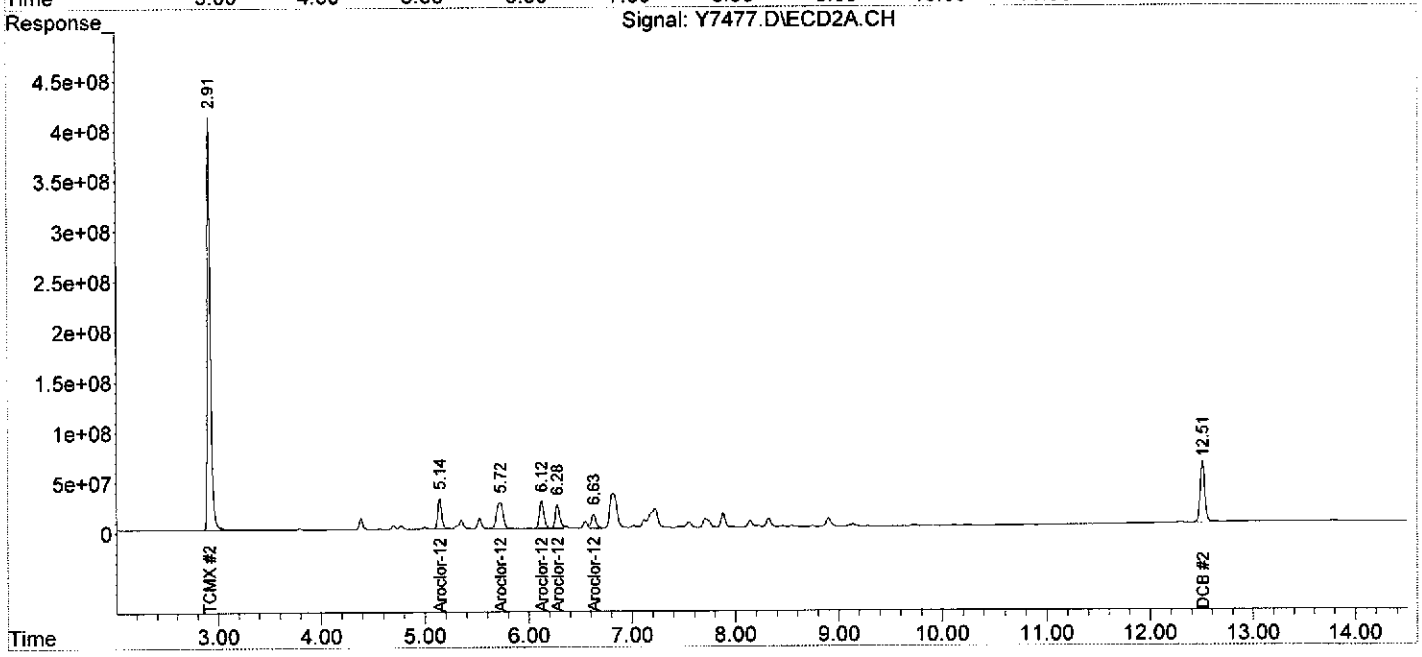
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7477.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 13:27
Operator : YG
Sample : 8082_1248_IAS_4309,0.5_PPM
Misc : NA,NA,NA,1
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 27 15:21:40 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Fri Jul 27 15:21:22 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7478.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 13:44
Operator : YG
Sample : 8082_1254_IAS_4310,0.5_PPM
Misc : NA,NA,NA,1
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 27 15:22:39 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Fri Jul 27 15:22:18 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound		RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds							
1) S TCMX		2.82	2.91	27923.3E6	9532.3E6	284.628	264.719
Spiked Amount 200.000				Recovery	=	142.31%	132.36%
2) S DCB		12.11	12.51	5137.3E6	2201.9E6	244.956	253.423
Spiked Amount 200.000				Recovery	=	122.48%	126.71%
Target Compounds							
Sum Aroclor-1016				0	0	N.D.	N.D.
Average Aroclor-1016						0.000	0.000
Sum Aroclor-1221				0	0	N.D.	N.D.
Average Aroclor-1221						0.000	0.000
Sum Aroclor-1232				0	0	N.D.	N.D.
Average Aroclor-1232						0.000	0.000
Sum Aroclor-1242				0	0	N.D.	N.D.
Average Aroclor-1242						0.000	0.000
Sum Aroclor-1248				0	0	N.D.	N.D.
Average Aroclor-1248						0.000	0.000
28) L7 Aroclor-1254		6.46	7.12	2945.4E6	1083.4E6	500.000	500.000
29) L7 Aroclor-1254	{2}	6.89	7.71	1939.6E6	854.1E6	500.000	500.000
30) L7 Aroclor-1254	{3}	7.05	8.32	3706.0E6	842.1E6	500.000	500.000
31) L7 Aroclor-1254	{4}	7.49	8.55	3845.2E6	482.1E6	500.000	500.000
32) L7 Aroclor-1254	{5}	8.33	9.14	3450.0E6	1195.4E6	500.000	500.000
Sum Aroclor-1254				15886.2E6	4457.1E6	2500.000	2500.000
Average Aroclor-1254						500.000	500.000
Sum Aroclor-1260				0	0	N.D.	N.D.
Average Aroclor-1260						0.000	0.000
Sum Aroclor-1262				0	0	N.D.	N.D.
Average Aroclor-1262						0.000	0.000
Sum Aroclor-1268				0	0	N.D.	N.D.
Average Aroclor-1268						0.000	0.000

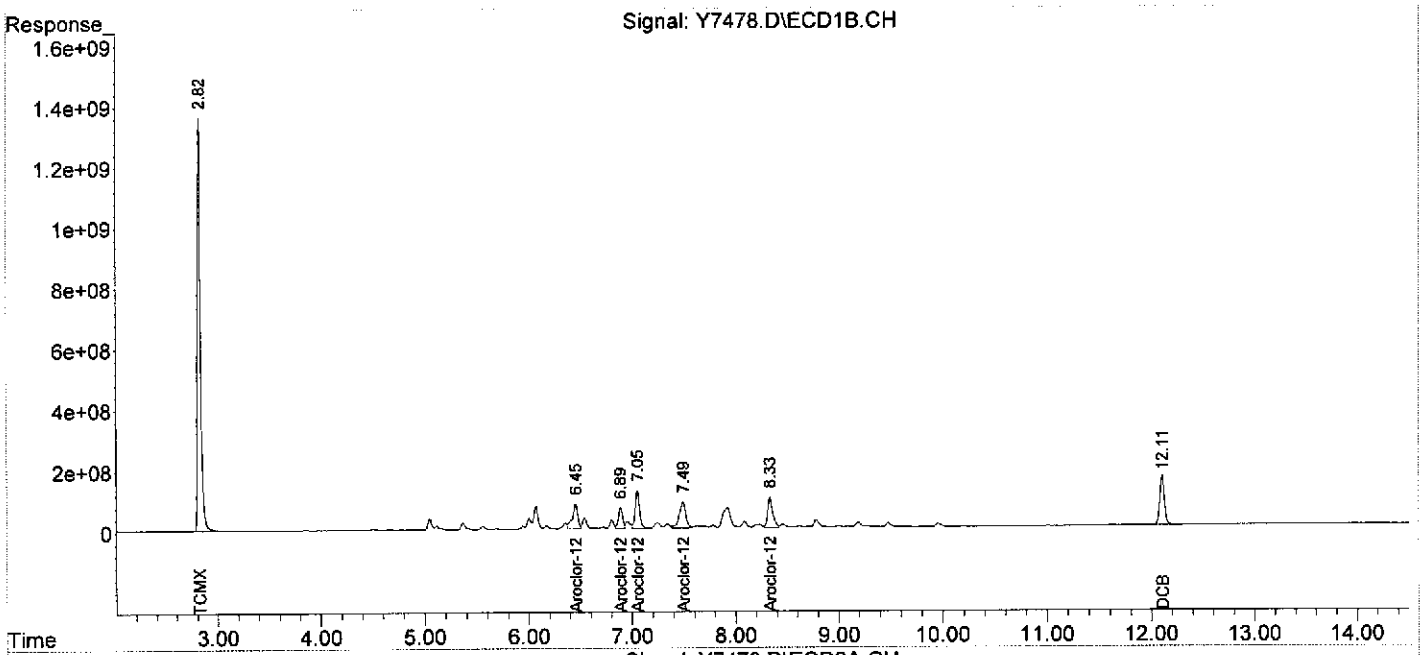
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

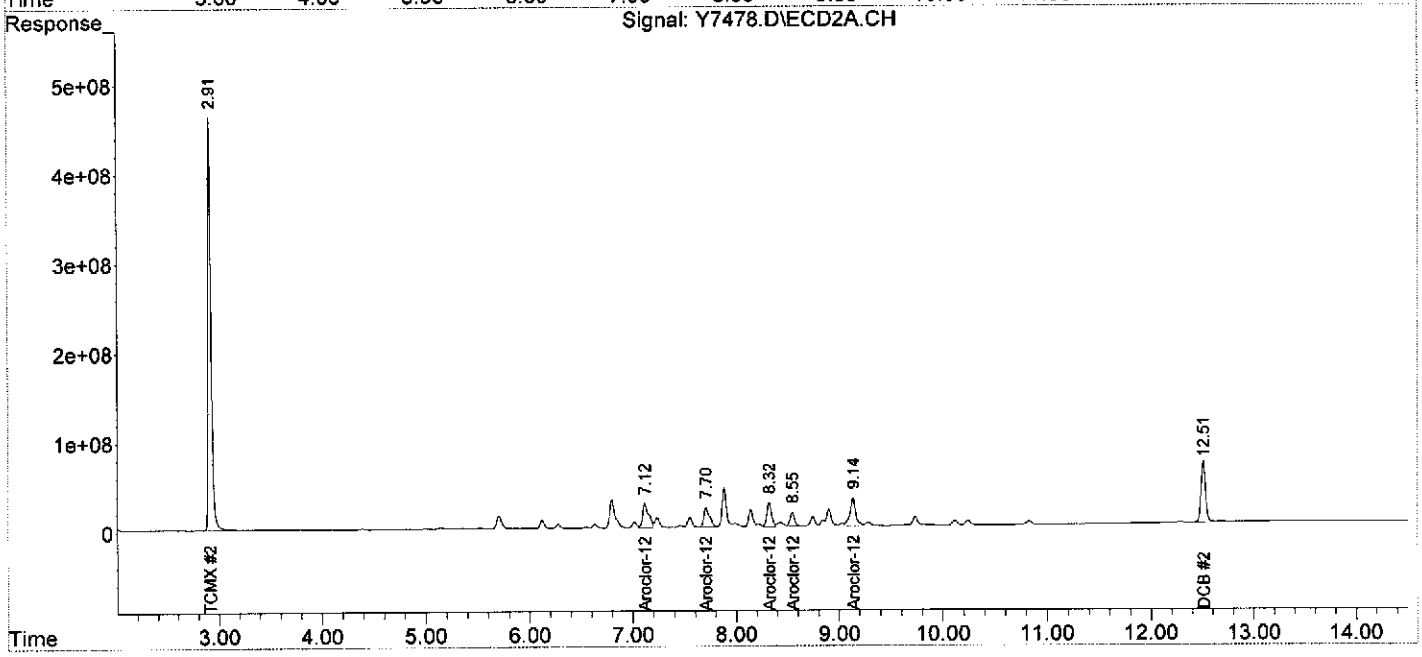
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7478.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 13:44
Operator : YG
Sample : 8082_1254_IAS_4310,0.5_PPM
Misc : NA,NA,NA,1
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 27 15:22:39 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Fri Jul 27 15:22:18 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7482.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 14:55
Operator : YG
Sample : 8082_C_IAS_4296,0.5_PPM
Misc : NA,NA,NA,1
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 27 15:26:13 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Fri Jul 27 15:25:13 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	20211.6E6	6851.8E6	212.595	196.032
Spiked Amount 200.000			Recovery	=	106.30%	98.02%
2) S DCB	12.11	12.51	4271.2E6	1824.1E6	207.258	212.271
Spiked Amount 200.000			Recovery	=	103.63%	106.14%
Target Compounds						
3) L2 Aroclor-1016	3.28	3.79	845.8E6	309.0E6	514.834	482.415
4) L2 Aroclor-1016 {2}	4.11	4.39	1151.7E6	610.3E6	506.371	479.473
5) L2 Aroclor-1016 {3}	4.66	5.14	1582.7E6	1409.5E6	510.482	485.852
6) L2 Aroclor-1016 {4}	5.17	5.35	763.8E6	599.1E6	510.519	480.624
7) L2 Aroclor-1016 {5}	5.56	5.52	1273.6E6	468.3E6	512.355	482.067
Sum Aroclor-1016			5617.6E6	3396.1E6	2554.562	2410.430
Average Aroclor-1016					510.912	482.086
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.33	7.89	3839.6E6	535.7E6	528.610	498.184
34) L8 Aroclor-1260 {2}	9.01	8.14	1618.0E6	784.1E6	510.567	494.832
35) L8 Aroclor-1260 {3}	9.48	9.73	4382.0E6	685.4E6	530.974	517.376
36) L8 Aroclor-1260 {4}	9.96	10.24	2128.0E6	1498.3E6	514.919	519.188
37) L8 Aroclor-1260 {5}	11.02	10.83	954.8E6	1091.1E6	567.292	536.815
Sum Aroclor-1260			12922.3E6	4594.7E6	2652.362	2566.395
Average Aroclor-1260					530.472	513.279
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7482.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 14:55
Operator : YG
Sample : 8082_C_IAS_4296,0.5_PPM
Misc : NA,NA,NA,1
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 27 15:26:13 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Fri Jul 27 15:25:13 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2

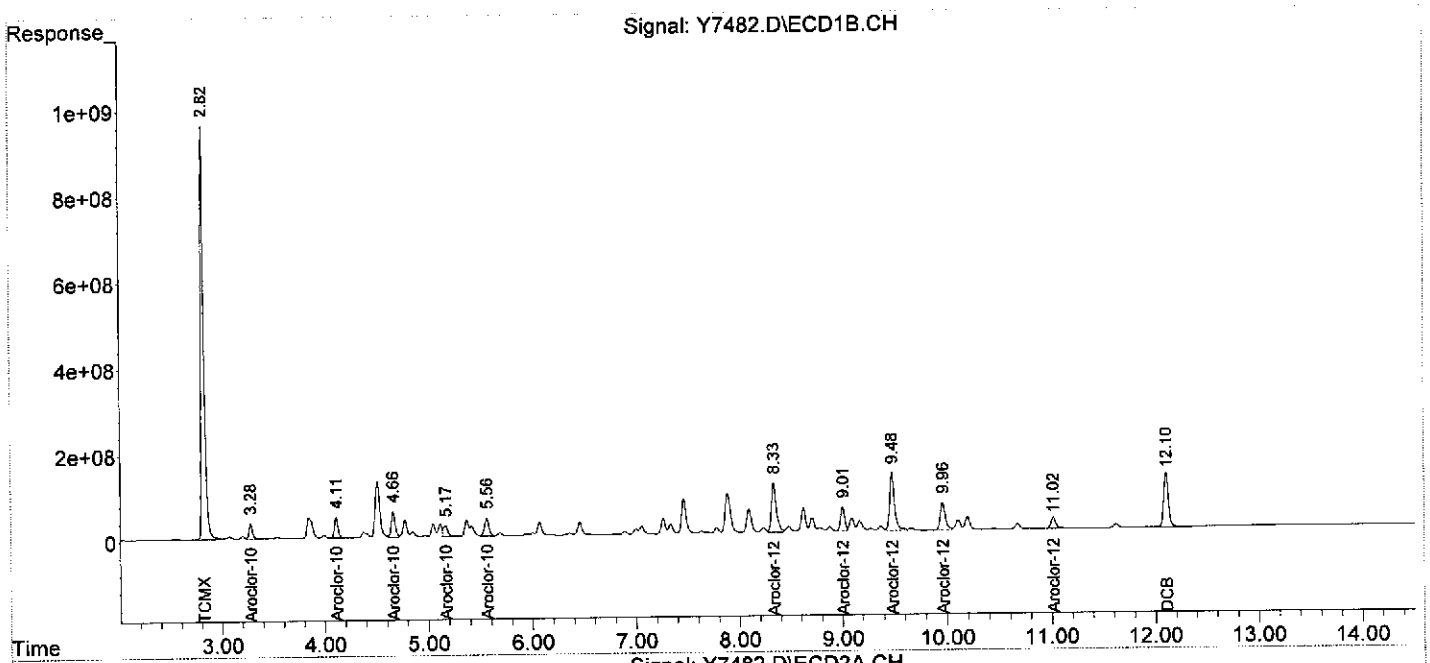
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

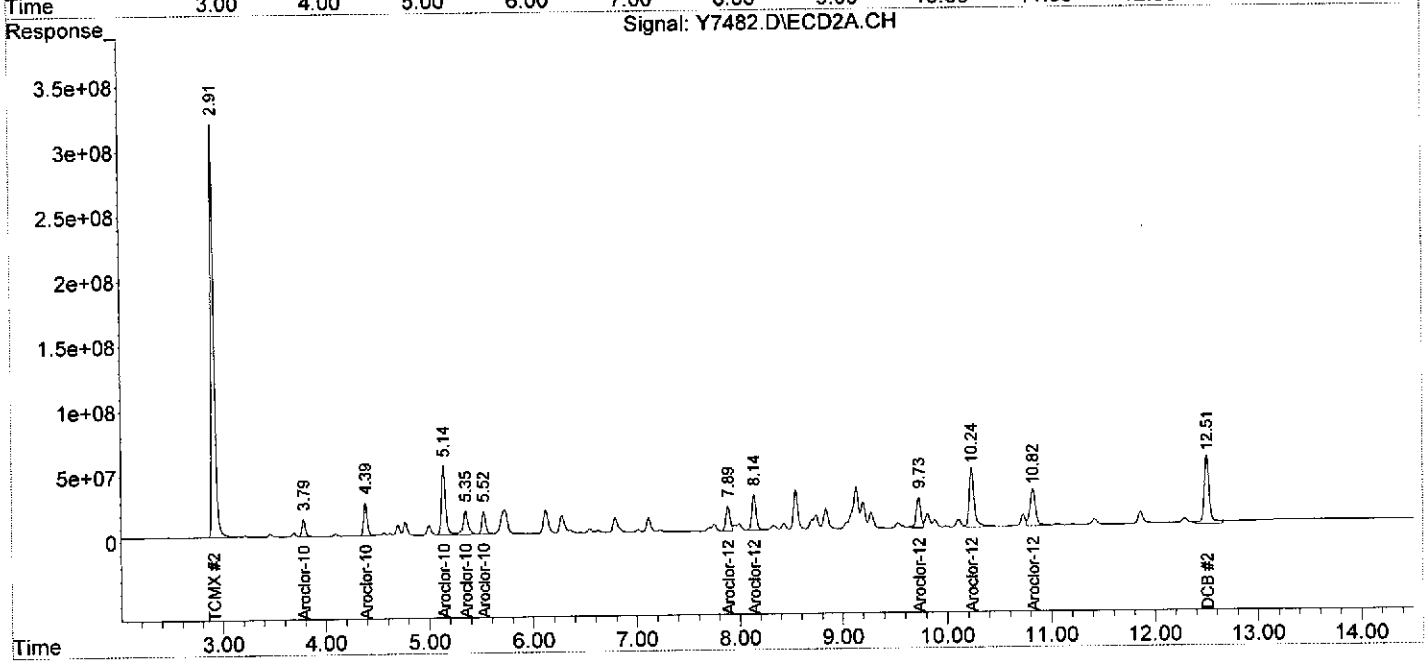
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7482.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 14:55
Operator : YG
Sample : 8082_C_IAS_4296,0.5_PPM
Misc : NA,NA,NA,1
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 27 15:26:13 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Fri Jul 27 15:25:13 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





SAMPLE TRACKING

IAL
Integrated Analytical Laboratories LLC
Integrated Analytical Labs
273 Franklin Rd
Randolph, NJ 07869

Contact Us: 973 361-4252
fax: 973 989-5288
Web: www.ialonline.com

CUSTOMER INFO	REPORTING INFO	
Company: JMC Environmental Consultants, Inc.	REPORT TO:	James Clabby
Address: 2109 Bridge Ave., Bldg. B	Address:	same
Point Pleasant, NJ 08742		
Telephone #: (732) 295-2144	Attn:	
Fax #: (732) 295-2150	FAX # (732) 295-2150	
Project Manager: James Clabby	INVOICE TO:	Aceto Corp.
EMAIL Address: jclabby@jmcenvironmental.com	Address: 4 Tri Harbor Court	
Sampler: Alton Hallgreen, Steve Kosch	Port Washington, NY 11050	
Project Name: Arsynco	(with copy to: JMC Environmental (attn.: J. Clabby))	
Project Location (State): NJ	Attn: Ed Kelly	
Bottle Order #:	PO # 22126	
Quote # : SR041205		

Turnaround Time (starts the following day if samples rec'd at lab > 5PM)

*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE

PHC - MUST CHOOSE

NJ EPH DRO (5 day TAT) — NJ EPH Fractionated (5 day TAT)
NJ EPH - C40 (5 day TAT)
DRO-8015 (3-5 day TAT) — QAM025 (5 day TAT)

Verbal/Fax: Std 2 wk unless otherwise specified
24 hr** 48 hr** 72 hr** 96 hr** 1 wk**
Other** (specify):
Hard Copy: Std 3 week * — Other - call for price

Rush TAT Charge **: 24 hr - 100%.... 48 hr - 75%.... 72 hr - 50%.... 96 hr - 35%.... 5 day - 25%.... 6-9 day 10%

Report Format: Results Only; Reduced; Regulatory - 15% Surcharge applies; Other (describe)

EDDs: SRP format; lab approved custom EDD; NO EDD/CD REQ'D

Cooler Temp 4 °C

Sample Matrix: DW - Drinking Water AQ - Aqueous WW - Waste Water OI - Oil LIQ - Liquid (Specify) OT - Other (Specify) S - Soil SL - Sludge SOL - Solid W - Wipe

SAMPLE INFORMATION

ANALYTICAL PARAMETERS / # BOTTLES & PRESERVATIVES

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# container s	IAL #	TCL PCB (8082)	HCL	HNO3	MeOH	H2SO4	NAOH/ZNAc	Sterile
S-38 (0-2.0')		7/25/12	10:11	S	1	1	X						
S-38 (2.0-3.0')			10:12	S	1	2	X						
S-38 (3.0-4.0')			10:13	S	1	3	X						
S-38 (4.0-5.5')			10:14	S	1	4	X						
S-38 (6.0-6.75')			10:15	S	1	5	X						
S-38 (6.75'-8.0')			10:16	S	1	6	X						
S-39 (0-1.75')			10:30	S	1	7	X						
S-39 (1.75-2.0')			10:31	S	1	8	X						

Known Hazard: Yes or No Describe: — Conc. Expected: Low Med High — MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one): _____ IAL Courier _____Client Courier _____FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by:	7/25/12	15:30	Received by:	7/25/12	15:30
Relinquished by:	7/25/12	17:45	Received by:	7/25/12	17:45
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 07487

PAGE: 1 of 9

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Integrated Analytical Laboratories LLC
Integrated Analytical Labs
273 Franklin Rd
Randolph, NJ 07869

Contact Us: 973 361-4252
fax: 973 989-5288
Web: www.ialonline.com

CUSTOMER INFO	REPORTING INFO	
Company: JMC Environmental Consultants, Inc.	REPORT TO:	James Clabby
Address: 2109 Bridge Ave., Bldg. B	Address:	same
Point Pleasant, NJ 08742		
Telephone #: (732) 295-2144	Attn:	
Fax #: (732) 295-2150	FAX # (732) 295-2150	
Project Manager: James Clabby	INVOICE TO:	Aceto Corp.
EMAIL Address: jclabby@jmcenvironmental.com	Address: 4 Tri Harbor Court	
Sampler: Alton Hallgreen, Steve Kosch	Port Washington, NY 11050	
Project Name: Arsynco	(with copy to: JMC Environmental (attn.: J. Clabby))	
Project Location (State): NJ	Attn: Ed Kelly	
Bottle Order #:	PO # 22126	
Quote # : SR041205		

Turnaround Time (starts the following day if samples rec'd at lab > 5PM)

*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE

PHC - MUST CHOOSE

NJ EPH DRO (5 day TAT) NJ EPH Fractionated (5 day TAT)
NJ EPH - C40 (5 day TAT)
DRO-8015 (3-5 day TAT) QAM025 (5 day TAT)

Verbal/Fax: Std 2 wk unless otherwise specified
24 hr** 48 hr** 72 hr** 96 hr** 1 wk**
Other** (specify):
Hard Copy: Std 3 week * Other - call for price

Rush TAT Charge **: 24 hr - 100%.... 48 hr - 75%.... 72 hr - 50%.... 96 hr - 35%.... 5 day - 25%.... 6-9 day 10%

Report Format: Results Only; Reduced; Regulatory - 15% Surcharge applies; Other (describe)

EDDs: SRP format; lab approved custom EDD; NO EDD/CD REQ'D

Cooler Temp ___<4___ °C

SAMPLE INFORMATION

Sample Matrix: DW - Drinking Water AQ - Aqueous WW - Waste Water OI - Oil LIQ - Liquid (Specify) OT - Other (Specify) S - Soil SL - Sludge SOL - Solid W - Wipe

ANALYTICAL PARAMETERS / # BOTTLES & PRESERVATIVES

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# container #	IAL #	TCL PCB (8082)	HCL	HNO3	MeOH	H2SO4	NAOH/ZNAc	Sterile
S-39 (2.0-2.75)		7/25/12	10:32	S	1	9	x						
S-39 (2.75-3.5')			10:33	S	1	10	x						
S-39 (4.0-5.0)			10:34	S	1	11	x						
S-39 (5.0-6.0)			10:35	S	1	12	x						
R-39 (0-2.0')			10:52	S	1	13	x						
R-39 (2.0-3.0')			10:53	S	1	14	x						
R-39 (3.0-4.0')			10:54	S	1	15	x						
R-39 (4.5-5.0')			10:55	S	1	16	x						

Known Hazard: Yes or No Describe: Conc. Expected: Low Med High

MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one): ____ IAL Courier ____ Client Courier ____ FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by:	7/25/12	1530	Received by:	7/25/12	1530
Relinquished by:	7/25/12	1745	Received by:	7/25/12	1745
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 07487

PAGE: 2 of 9

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Integrated Analytical Labs
273 Franklin Rd
Randolph, NJ 07869

Contact Us: 973 361-4252
fax: 973 989-5288
Web: www.ialonline.com

CUSTOMER INFO	REPORTING INFO	
Company: JMC Environmental Consultants, Inc.	REPORT TO:	James Clabby
Address: 2109 Bridge Ave., Bldg. B	Address:	same
Point Pleasant, NJ 08742		
Telephone #: (732) 295-2144	Attn:	
Fax #: (732) 295-2150	FAX # (732) 295-2150	
Project Manager: James Clabby	INVOICE TO:	Aceto Corp.
EMAIL Address: jclabby@jmcenvironmental.com	Address: 4 Tri Harbor Court	
Sampler: Alton Hallgreen, Steve Kosch	Port Washington, NY 11050	
Project Name: Astynco	(with copy to: JMC Environmental (attn.: J. Clabby))	
Project Location (State): NJ	Attn: Ed Kelly	
Bottle Order #:	PO # 22126	
Quote # : SR041205		

Turnaround Time (starts the following day if samples rec'd at lab > 5PM)

*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE

PHC - MUST CHOOSE

NJ EPH DRO (5 day TAT) NJ EPH Fractionated (5 day TAT)

NJ EPH - C40 (5 day TAT)

DRO-8015 (3-5 day TAT) QAM025 (5 day TAT)

Verbal/Fax: Std 2 wk unless otherwise specified

24 hr** 48 hr** 72 hr** 96 hr** 1 wk**

Other** (specify):

Hard Copy: Std 3 week * Other - call for price

Rush TAT Charge **: 24 hr - 100%.... 48 hr - 75%.... 72 hr - 50%.... 96 hr - 35%.... 5 day - 25%.... 6-9 day 10%

Report Format: Results Only; Reduced; Regulatory - 15% Surcharge applies; Other (describe)

EDDs: SRP format; lab approved custom EDD; NO EDD/CD REQ'D

Cooler Temp 4 <4 °C

Sample Matrix

DW - Drinking Water AQ - Aqueous WW - Waste Water
OI - Oil LIQ - Liquid (Specify) OT - Other (Specify)
S - Soil SL - Sludge SOL - Solid W - Wipe

SAMPLE INFORMATION

ANALYTICAL PARAMETERS

BOTTLES & PRESERVATIVES

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	HCL	HNO3	NaOH	H2SO4	NA/OH/ZNAc	Sterile
R-39 (5.0-6.0')		7/25/12	10:56	S	1	17	X						
R-38 (0-2.0')		↓	11:06	S	1	18	X						
R-38 (2.0-3.0')			11:07	S	1	19	X						
R-38 (3.0'-4.0')			11:08	S	1	20	X						
R-38 (4.0-4.25')			11:09	S	1	21	X						
R-38 (4.25-6.0')			11:10	S	1	22	X						
R-37 (0-2.0')			11:24	S	1	23	X						
R-37 (2.0-4.0')		↓	11:25	S	1	24	X						

Known Hazard: Yes or No Describe: Conc. Expected: Low Med High

MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one): _____ IAL Courier _____ Client Courier _____ FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by:	7/25/12	15:30	Received by:	7/25/12	15:30
Relinquished by:	7/25/12	17:45	Received by:	7/25/12	17:45
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 07487

PAGE: 3 of 9

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273 Franklin Rd
Randolph, NJ 07869

Contact Us: 973 361-4252
fax: 973 989-5288
Web: www.ialonline.com

CUSTOMER INFO	REPORTING INFO	
Company: JMC Environmental Consultants, Inc.	REPORT TO:	James Clabby
Address: 2109 Bridge Ave., Bldg. B	Address:	same
Point Pleasant, NJ 08742		
Telephone #: (732) 295-2144	Attn:	
Fax #: (732) 295-2150	FAX # (732) 295-2150	
Project Manager: James Clabby	INVOICE TO:	Aceto Corp.
EMAIL Address: jclabby@jmcenvironmental.com	Address: 4 Tri Harbor Court	
Sampler: Alton Hallgreen, Steve Kosch	Port Washington, NY 11050	
Project Name: Arsynco	(with copy to: JMC Environmental (attn.: J. Clabby))	
Project Location (State): NJ	Attn: Ed Kelly	
Bottle Order #:	PO # 22126	
Quote # : SR041205		

Turnaround Time (starts the following day if samples rec'd at lab > 5PM)

*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE

PHC - MUST CHOOSE

NJ EPH DRO (5 day TAT) NJ EPH Fractionated (5 day TAT)

NJ EPH - C40 (5 day TAT)

DRO-8015 (3-5 day TAT) QAM025 (5 day TAT)

Verbal/Fax: Std 2 wk unless otherwise specified

24 hr** 48 hr** 72 hr** 96 hr** 1 wk**

Other** (specify):

Hard Copy: Std 3 week * Other - call for price

Rush TAT Charge **: 24 hr - 100%... 48 hr - 75%.... 72 hr - 50%.... 96 hr - 35%.... 5 day - 25%.... 6-9 day 10%

Report Format: Results Only; Reduced; Regulatory - 15% Surcharge applies; Other (describe)

EDDs: SRP format; lab approved custom EDD; NO EDD/CD REQ'D

Cooler Temp ___<4___ °C

SAMPLE INFORMATION

Sample Matrix: DW - Drinking Water AQ - Aqueous WW - Waste Water OI - Oil LIQ - Liquid (Specify) OT - Other (Specify) S - Soil SL - Sludge SOL - Solid W - Wipe

ANALYTICAL PARAMETERS

BOTTLES & PRESERVATIVES

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	HCL	HNO3	NaOH	H2SO4	NAOH/ZNAc	Sterile
R-37 (4.0-4.25')		7/25/12	11:26	S	1	25	X						
R-37 (4.75-6.0')			11:27	S	1	26	X						
R-36 (0-2.0)			11:38	S	1	27	X						
R-36 (2.0-3.25')			11:39	S	1	28	X						
R-36 (3.25'-4.0')			11:40	S	1	29	X						
R-36 (4.0-6.0')			11:41	S	1	30	X						
Q-36 (0-2.0')			11:56	S	1	31	X						
Q-36 (2.0-4.0')			11:57	S	1	32	X						

Known Hazard: Yes or No Describe:

Conc. Expected: Low Med High

MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one): _____ IAL Courier _____ Client Courier _____ FedEx/UPS

	Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by:	[signature]	7/25/12	15:30	Received by: [signature]	7/25/12	15:30
Relinquished by:	[signature]	7/25/12	17:45	Received by: [signature]	7/25/12	1745
Relinquished by:				Received by:		
Relinquished by:				Received by:		
Relinquished by:				Received by:		

Comments:

Lab Case # 07487

PAGE: 4 of 9

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CUSTOMER INFO	REPORTING INFO	
Company: JMC Environmental Consultants, Inc.	REPORT TO:	James Clabby
Address: 2109 Bridge Ave., Bldg. B	Address:	same
Point Pleasant, NJ 08742		
Telephone #: (732) 295-2144	Attn:	
Fax #: (732) 295-2150	FAX # (732) 295-2150	
Project Manager: James Clabby	INVOICE TO:	Aceto Corp.
EMAIL Address: jclabby@jmcenvironmental.com	Address: 4 Tri Harbor Court	
Sampler: Alton Hallgreen, Steve Koach	Port Washington, NY 11050	
Project Name: Ansynco	(with copy to: JMC Environmental (attn.: J. Clabby))	
Project Location (State): NJ	Attn: Ed Kelly	
Bottle Order #:	PO # 22126	
Quote # : SR041205		

Turnaround Time (starts the following day if samples rec'd at lab > 5PM)

*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE

PHC - MUST CHOOSE

NJ EPH DRO (5 day TAT) NJ EPH Fractionated (5 day TAT)
NJ EPH - C40 (5 day TAT)
DRO-8015 (3-5 day TAT) QAM025 (5 day TAT)

Verbal/Fax: Std 2 wk unless otherwise specified
24 hr** 48 hr** 72 hr** 96 hr** 1 wk**
Other** (specify):
Hard Copy: Std 3 week * Other - call for price

Rush TAT Charge **: 24 hr - 100%.... 48 hr - 75%.... 72 hr - 50%.... 96 hr - 35%.... 5 day - 25%.... 6-9 day 10%

Report Format: Results Only; Reduced; Regulatory - 15% Surcharge applies; Other (describe)

EDDs: SRP format; lab approved custom EDD; NO EDD/CD REQ'D

Cooler Temp <4 4 °C

Sample Matrix
DW - Drinking Water AQ - Aqueous WW - Waste Water
OI - Oil LIQ - Liquid (Specify) OT - Other (Specify)
S - Soil SL - Sludge SOL - Solid W - Wipe

SAMPLE INFORMATION

ANALYTICAL PARAMETERS / # BOTTLES & PRESERVATIVES

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# container s	IAL #	TCL PCB (8082)	HCL	HNO3	MeOH	H2SO4	NAOH/ZNAc	Sterile
Q-36 (4.0-5.0')		7/25/12	11:58	S	1	33	x						
Q-36 (5.0-6.0')			11:59	S	1	34	x						
Q-38 (0-2.0')			12:36	S	1	35	x						
Q-38 (2.0-4.0')			12:37	S	1	36	x						
Q-38 (4.0-4.75')			12:38	S	1	37	x						
Q-38 (4.75-6.0')			12:39	S	1	38	x						
Q-39 (0-2.0')			1:50	S	1	39	x						
Q-39 (2.0-3.0')			1:51	S	1	40	x						

Known Hazard: Yes or No Describe: Conc. Expected: Low Med High

MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

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	Signature/Company	Date	Time	Signature/Company	Date	Time
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Relinquished by:	[signature]	7/25/12	17:45	Received by: [signature]	7/25/12	17:45
Relinquished by:				Received by:		
Relinquished by:				Received by:		
Relinquished by:				Received by:		

Comments:

Lab Case # 07487

PAGE: 5 of 9

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Web: www.ialonline.com

CUSTOMER INFO	REPORTING INFO	
Company: JMC Environmental Consultants, Inc.	REPORT TO:	James Clabby
Address: 2109 Bridge Ave., Bldg. B	Address:	same
Point Pleasant, NJ 08742		
Telephone #: (732) 295-2144	Attn:	
Fax #: (732) 295-2150	FAX # (732) 295-2150	
Project Manager: James Clabby	INVOICE TO:	Aceto Corp.
EMAIL Address: jclabby@jmcenvironmental.com	Address: 4 Tri Harbor Court	
Sampler: Alton Hallgreen, Steve Koach	Port Washington, NY 11050	
Project Name: Ansynco	(with copy to: JMC Environmental (attn.: J. Clabby))	
Project Location (State): NJ	Attn: Ed Kelly	
Bottle Order #:	PO # 22126	
Quote # : SR041205		

Turnaround Time (starts the following day if samples rec'd at lab > 5PM)

*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE

PHC - MUST CHOOSE

NJ EPH DRO (5 day TAT) NJ EPH Fractionated (5 day TAT)
NJ EPH - C40 (5 day TAT)
DRO-8015 (3-5 day TAT) QAM025 (5 day TAT)

Verbal/Fax: Std 2 wk unless otherwise specified
24 hr** 48 hr** 72 hr** 96 hr** 1 wk**
Other** (specify):

Hard Copy: Std 3 week * Other - call for price

Rush TAT Charge **: 24 hr - 100%... 48 hr - 75%.... 72 hr - 50%.... 96 hr - 35%.... 5 day - 25%.... 6-9 day 10%

Report Format: Results Only; Reduced; Regulatory - 15% Surcharge applies; Other (describe)

EDDs: SRP format; lab approved custom EDD; NO EDD/CD REQ'D

Cooler Temp <4 4 °C

SAMPLE INFORMATION

Sample Matrix: DW - Drinking Water AQ - Aqueous WW - Waste Water OI - Oil LIQ - Liquid (Specify) OT - Other (Specify) S - Soil SL - Sludge SOL - Solid W - Wipe

ANALYTICAL PARAMETERS / # BOTTLES & PRESERVATIVES

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	HCL	HNO3	NaOH	H2SO4	NAOH/ZNAc	Sterile
Q-39 (3.0-4.0)		7/25/12	1:52	S	1	41	x						
Q-39 (4.0-6.0)			1:52	S	1	42	x						
Q-39 (6.0-7.0)			1:53	S	1	43	x						
Q-39 (7.0-8.0)			1:54	S	1	44	x						
P-39 (0-1.75)			2:15	S	1	45	x						
P-39 (1.75-2.0)			2:16	S	1	46	x						
P-39 (2.0-3.0)			2:17	S	1	47	x						
P-39 (3.0-4.0)			2:17	S	1	48	x						

Known Hazard: Yes or No Describe: Conc. Expected: Low Med High

MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one): _____ IAL Courier _____ Client Courier _____ FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by:	7/25/12	15:30	Received by:	7/25/12	15:30
Relinquished by:	7/25/12	17:40	Received by:	7/25/12	1745
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 07487

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Web: www.ialonline.com

CUSTOMER INFO	REPORTING INFO	
Company: JMC Environmental Consultants, Inc.	REPORT TO:	James Clabby
Address: 2109 Bridge Ave., Bldg. B	Address:	same
Point Pleasant, NJ 08742		
Telephone #: (732) 295-2144	Attn:	
Fax #: (732) 295-2150	FAX # (732) 295-2150	
Project Manager: James Clabby	INVOICE TO:	Aceto Corp.
EMAIL Address: jclabby@jmcenvironmental.com	Address: 4 Tri Harbor Court	
Sampler: Alton Hallgreen, Steve Kosch	Port Washington, NY 11050	
Project Name: Arsynco	(with copy to: JMC Environmental (attn.: J. Clabby))	
Project Location (State): NJ	Attn: Ed Kelly	
Bottle Order #:	PO # 22126	
Quote # : SR041285		

Turnaround Time (starts the following day if samples rec'd at lab > 5PM)

*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE

PHC - MUST CHOOSE

NJ EPH DRO (5 day TAT) NJ EPH Fractionated (5 day TAT)

NJ EPH - C40 (5 day TAT)

DRO-8015 (3-5 day TAT) QAM025 (5 day TAT)

Verbal/Fax: Std 2 wk unless otherwise specified

24 hr** 48 hr** 72 hr** 96 hr** 1 wk**

Other** (specify): _____

Hard Copy: Std 3 week * Other - call for price

Rush TAT Charge **: 24 hr - 100%.... 48 hr - 75%.... 72 hr - 50%.... 96 hr - 35%.... 5 day - 25%.... 6-9 day 10%

Report Format: Results Only; Reduced; Regulatory - 15% Surcharge applies; Other (describe)

EDDs: SRP format; Lab approved custom EDD; NO EDD/CD REQ'D

Cooler Temp ___<4___ 4 °C

SAMPLE INFORMATION

Sample Matrix: DW - Drinking Water AQ - Aqueous WW - Waste Water OI - Oil LIQ - Liquid (Specify) OT - Other (Specify) S - Soil SL - Sludge SOL - Solid W - Wipe

ANALYTICAL PARAMETERS / # BOTTLES & PRESERVATIVES

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# container s	IAL #	TCL PCB (8082)	HCL	HNO3	NaOH	H2SO4	NAOH/ZNAc	Sterile
P-39 (4.0-4.25)		7/25/12	2:18	S	1	49	X						
P-39 (4.25-6.0)		↓	2:19	S	1	50	X						
P-39 (6.0-8.0)			2:20	S	1	51	X						
P-40 (0-2.0)			2:37	S	1	52	X						
P-40 (2.0-4.0)			2:38	S	1	53	X						
P-40 (4.0-5.0)			2:39	S	1	54	X						
P-40 (5.0-6.0)			2:40	S	1	55	X						
P-40 (6.0-8.0)		✓	2:40	S	1	56	X						

Known Hazard: Yes or No Describe: Conc. Expected: Low Med High

MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one): _____ IAL Courier _____Client Courier _____FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by: [signature]	7/25/12	15:30	Received by: [signature]	7/25/12	15:30
Relinquished by: [signature]	7/25/12	17:45	Received by: [signature]	7/25/12	1745
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

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Lab Case # 07487

PAGE: 7 of 9

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Web: www.ialonline.com

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Company: IMC Environmental Consultants, Inc.	REPORT TO: James Clabby
Address: 2109 Bridge Ave., Bldg. B	Address: same
Point Pleasant, NJ 08742	
Telephone #: (732) 295-2144	Attn:
Fax #: (732) 295-2150	FAX # (732) 295-2150
Project Manager: James Clabby	INVOICE TO: Aceto Corp.
EMAIL Address: jclabby@jmcenvironmental.com	Address: 4 Tri Harbor Court
Sampler: Alton Hallgreen, Steve Kosch	Port Washington, NY 11050
Project Name: Arsynco	(with copy to: IMC Environmental (attn.: J. Clabby))
Project Location (State): NJ	Attn: Ed Kelly
Bottle Order #:	PO # 22126
Quote # : SR041205	

Turnaround Time (starts the following day if samples rec'd at lab > 5PM)

*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE

PHC - MUST CHOOSE

NJ EPH DRO (5 day TAT) NJ EPH Fractionated (5 day TAT)

NJ EPH - C40 (5 day TAT)

DRO-8015 (3-5 day TAT) QAM825 (5 day TAT)

Verbal/Fax: Std 2 wk unless otherwise specified

24 hr** 48 hr** 72 hr** 96 hr** 1 wk**

Other** (specify):

Hard Copy: Std 3 week * Other - call for price

Rush TAT Charge **: 24 hr - 100%.... 48 hr - 75%.... 72 hr - 50%.... 96 hr - 35%.... 5 day - 25%.... 6-9 day 10%

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EDDs: SRP format; lab approved custom EDD; NO EDD/CD REQ'D

Cooler Temp <4 4 °C

Sample Matrix: DW - Drinking Water AQ - Aqueous WW - Waste Water OI - Oil LIQ - Liquid (Specify) OT - Other (Specify) S - Soil SL - Sludge SOL - Solid W - Wipe

SAMPLE INFORMATION

ANALYTICAL PARAMETERS

BOTTLES & PRESERVATIVES

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	HCL	HNO3	NaOH	H2SO4	NAOH/ZN/Ac	Sterile
P-38 (0-2.0')		7/25/12	2:53	S	1	57	X						
P-38 (2.0'-4.0')		↓	2:53	S	1	58	X						
P-38 (4.0-5.0')			2:54	S	1	59	X						
P-38 (5.0'-6.0')			2:55	S	1	60	X						
P-37 (0-2.0')			3:05	S	1	61	X						
P-37 (2.0'-3.5')			3:06	S	1	62	X						
P-37 (3.5-4.0')			3:07	S	1	63	X						
P-37 (4.0-6.0')		↓	3:08	S	1	64	X						

Known Hazard: Yes or No Describe: Conc. Expected: Low Med High

MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one): _____ IAL Courier _____ Client Courier _____ FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by:	7/25/12	15:30	Received by:	7/25/12	15:30
Relinquished by:	7/25/12	17:45	Received by:	7/25/12	17:45
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 07487

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Web: www.ialonline.com

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PHC - MUST CHOOSE

NJ EPH DRO (5 day TAT) NJ EPH Fractionated (5 day TAT)
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DRO-8015 (3-5 day TAT) QAM025 (5 day TAT)

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24 hr** 48 hr** 72 hr** 96 hr** 1 wk**
Other** (specify):

Hard Copy: Std 3 week * Other - call for price

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EDDs: SRP format; lab approved custom EDD; NO EDD/CD REQ'D

Cooler Temp <4 °C

ANALYTICAL PARAMETERS

 # BOTTLES & PRESERVATIVES

Sample Matrix: DW - Drinking Water AQ - Aqueous WW - Waste Water OI - Oil LIQ - Liquid (Specify) OT - Other (Specify) S - Soil SL - Sludge SOL - Solid W - Wipe

SAMPLE INFORMATION

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	HCL	HNO3	NaOH	H2SO4	NaOH/ZnAc	Sterile
FB-20		7/25/12	3:15	AQ	2	65	X						
							X						
							X						
							X						
							X						
							X						
							X						
							X						

Known Hazard: Yes or No Describe: Conc. Expected: Low Med High

MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

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Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 07487

PAGE: 9 of 9

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10/2010 rev

PROJECT INFORMATION

E12-07487

Case No. E12-07487 **Project** ARSYNCO

Customer	JMC Environmental Consultants	**P.O. #**	22126
Contact	Jim Clabby	**Received**	7/25/2012 17:45
EMail	jclabby@jmcenvironmental.com; ahallgreen@jmcenvironmental.co tadams@jmcenvironmental.com	**Verbal Due**	8/9/2012
Phone	(732) 295-7144 **Fax** (732) 295-2150	**Report Due**	8/16/2012

☑ EMail EDDs

Report To

2109 Bridge Avenue
Building B
Point Pleasant, NJ 08742
Attn: Jim Clabby

Bill To

Aceto Corp.
4 Tri Harbor Court
Port Washington, NY 11050
Attn: Mr. Ed Kelly

Report Format Reduced

Additional Info ☐ State Form ☐ Field Sampling ☐ Conditional VOA

Lab ID	Client Sample ID	Depth Top / Bottom	Sampling Time	Matrix	Unit	# of Containers
07487-001	S-38 (0-2.0)	0 / 2	7/25/2012@10:11	Soil	mg/Kg	1
07487-002	S-38 (2.0-3.0)	2 / 3	7/25/2012@10:12	Soil	mg/Kg	1
07487-003	S-38 (3.0-4.0)	3 / 4	7/25/2012@10:13	Soil	mg/Kg	1
07487-004	S-38 (4.0-5.5)	4 / 5.5	7/25/2012@10:14	Soil	mg/Kg	1
07487-005	S-38 (6.0-6.75)	6 / 6.75	7/25/2012@10:15	Soil	mg/Kg	1
07487-006	S-38 (6.75-8.0)	6.75 / 8	7/25/2012@10:16	Soil	mg/Kg	1
07487-007	S-39 (0-1.75)	0 / 1.75	7/25/2012@10:30	Soil	mg/Kg	1
07487-008	S-39 (1.75-2.0)	1.75 / 2	7/25/2012@10:31	Soil	mg/Kg	1
07487-009	S-39 (2.0-2.75)	2 / 2.75	7/25/2012@10:32	Soil	mg/Kg	1
07487-010	S-39 (2.75-3.5)	2.75 / 3.5	7/25/2012@10:33	Soil	mg/Kg	1
07487-011	S-39 (4.0-5.0)	4 / 5	7/25/2012@10:34	Soil	mg/Kg	1
07487-012	S-39 (5.0-6.0)	5 / 6	7/25/2012@10:35	Soil	mg/Kg	1
07487-013	R-39 (0-2.0)	0 / 2	7/25/2012@10:52	Soil	mg/Kg	1
07487-014	R-39 (2.0-3.0)	2 / 3	7/25/2012@10:53	Soil	mg/Kg	1
07487-015	R-39 (3.0-4.0)	3 / 4	7/25/2012@10:54	Soil	mg/Kg	1
07487-016	R-39 (4.5-5.0)	4.5 / 5	7/25/2012@10:55	Soil	mg/Kg	1
07487-017	R-39 (5.0-6.0)	5 / 6	7/25/2012@10:56	Soil	mg/Kg	1
07487-018	R-38 (0-2.0)	0 / 2	7/25/2012@11:06	Soil	mg/Kg	1
07487-019	R-38 (2.0-3.0)	2 / 3	7/25/2012@11:07	Soil	mg/Kg	1
07487-020	R-38 (3.0-4.0)	3 / 4	7/25/2012@11:08	Soil	mg/Kg	1
07487-021	R-38 (4.0-4.75)	4 / 4.75	7/25/2012@11:09	Soil	mg/Kg	1
07487-022	R-38 (4.75-6.0)	4.75 / 6	7/25/2012@11:10	Soil	mg/Kg	1
07487-023	R-37 (0-2.0)	0 / 2	7/25/2012@11:24	Soil	mg/Kg	1
07487-024	R-37 (2.0-4.0)	2 / 4	7/25/2012@11:25	Soil	mg/Kg	1
07487-025	R-37 (4.0-4.75)	4 / 4.75	7/25/2012@11:26	Soil	mg/Kg	1
07487-026	R-37 (4.75-6.0)	4.75 / 6	7/25/2012@11:27	Soil	mg/Kg	1
07487-027	R-36 (0-2.0)	0 / 2	7/25/2012@11:38	Soil	mg/Kg	1
07487-028	R-36 (2.0-3.25)	2 / 3.25	7/25/2012@11:39	Soil	mg/Kg	1
07487-029	R-36 (3.25-4.0)	3.25 / 4	7/25/2012@11:40	Soil	mg/Kg	1

PROJECT INFORMATION

E12-07487

Case No. E12-07487 **Project** ARSYNCO

Lab ID	Client Sample ID	Depth Top / Bottom	Sampling Time	Matrix	Unit	# of Containers
07487-030	R-36 (4.0-6.0)	4 / 6	7/25/2012@11:41	Soil	mg/Kg	1
07487-031	Q-36 (0-2.0)	0 / 2	7/25/2012@11:56	Soil	mg/Kg	1
07487-032	Q-36 (2.0-4.0)	2 / 4	7/25/2012@11:57	Soil	mg/Kg	1
07487-033	Q-36 (4.0-5.0)	4 / 5	7/25/2012@11:58	Soil	mg/Kg	1
07487-034	Q-36 (5.0-6.0)	5 / 6	7/25/2012@11:59	Soil	mg/Kg	1
07487-035	Q-38 (0-2.0)	0 / 2	7/25/2012@12:36	Soil	mg/Kg	1
07487-036	Q-38 (2.0-4.0)	2 / 4	7/25/2012@12:37	Soil	mg/Kg	1
07487-037	Q-38 (4.0-4.75)	4 / 4.75	7/25/2012@12:38	Soil	mg/Kg	1
07487-038	Q-38 (4.75-6.0)	4.75 / 6	7/25/2012@12:39	Soil	mg/Kg	1
07487-039	Q-39 (0-2.0)	0 / 2	7/25/2012@13:50	Soil	mg/Kg	1
07487-040	Q-39 (2.0-3.0)	2 / 3	7/25/2012@13:51	Soil	mg/Kg	1
07487-041	Q-39 (3.0-4.0)	3 / 4	7/25/2012@13:52	Soil	mg/Kg	1
07487-042	Q-39 (4.0-6.0)	4 / 6	7/25/2012@13:52	Soil	mg/Kg	1
07487-043	Q-39 (6.0-7.0)	6 / 7	7/25/2012@13:53	Soil	mg/Kg	1
07487-044	Q-39 (7.0-8.0)	7 / 8	7/25/2012@13:54	Soil	mg/Kg	1
07487-045	P-39 (0-1.75)	0 / 1.75	7/25/2012@14:15	Soil	mg/Kg	1
07487-046	P-39 (1.75-2.0)	1.75 / 2	7/25/2012@14:16	Soil	mg/Kg	1
07487-047	P-39 (2.0-3.0)	2 / 3	7/25/2012@14:17	Soil	mg/Kg	1
07487-048	P-39 (3.0-4.0)	3 / 4	7/25/2012@14:17	Soil	mg/Kg	1
07487-049	P-39 (4.0-4.25)	4 / 4.25	7/25/2012@14:18	Soil	mg/Kg	1
07487-050	P-39 (4.25-6.0)	4.25 / 6	7/25/2012@14:19	Soil	mg/Kg	1
07487-051	P-39 (6.0-8.0)	6 / 8	7/25/2012@14:20	Soil	mg/Kg	1
07487-052	P-40 (0-2.0)	0 / 2	7/25/2012@14:37	Soil	mg/Kg	1
07487-053	P-40 (2.0-4.0)	2 / 4	7/25/2012@14:38	Soil	mg/Kg	1
07487-054	P-40 (4.0-5.0)	4 / 5	7/25/2012@14:39	Soil	mg/Kg	1
07487-055	P-40 (5.0-6.0)	5 / 6	7/25/2012@14:40	Soil	mg/Kg	1
07487-056	P-40 (6.0-8.0)	6 / 8	7/25/2012@14:40	Soil	mg/Kg	1
07487-057	P-38 (0-2.0)	0 / 2	7/25/2012@14:53	Soil	mg/Kg	1
07487-058	P-38 (2.0-4.0)	2 / 4	7/25/2012@14:53	Soil	mg/Kg	1
07487-059	P-38 (4.0-5.0)	4 / 5	7/25/2012@14:54	Soil	mg/Kg	1
07487-060	P-38 (5.0-6.0)	5 / 6	7/25/2012@14:55	Soil	mg/Kg	1
07487-061	P-37 (0-2.0)	0 / 2	7/25/2012@15:05	Soil	mg/Kg	1
07487-062	P-37 (2.0-3.5)	2 / 3.5	7/25/2012@15:06	Soil	mg/Kg	1
07487-063	P-37 (3.5-4.0)	3.5 / 4	7/25/2012@15:07	Soil	mg/Kg	1
07487-064	P-37 (4.0-6.0)	4 / 6	7/25/2012@15:08	Soil	mg/Kg	1
07487-065	FB-20	n/a	7/25/2012@15:15	Aqueous	mg/L	2

Sample #	Tests	Status	QA Method
001	TCL PCB	Run	8082
002	TCL PCB	Run	8082
003	TCL PCB	Run	8082
004	TCL PCB	Run	8082
005	TCL PCB	Run	8082
006	TCL PCB	Run	8082

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PROJECT INFORMATION

E12-07487

Case No. E12-07487 **Project** ARSYNCO

Sample #	Tests	Status	QA Method
007	TCL PCB	Run	8082
008	TCL PCB	Run	8082
009	TCL PCB	Run	8082
010	TCL PCB	Run	8082
011	TCL PCB	Run	8082
012	TCL PCB	Run	8082
013	TCL PCB	Run	8082
014	TCL PCB	Run	8082
015	TCL PCB	Run	8082
016	TCL PCB	Run	8082
017	TCL PCB	Run	8082
018	TCL PCB	Run	8082
019	TCL PCB	Run	8082
020	TCL PCB	Run	8082
021	TCL PCB	Run	8082
022	TCL PCB	Run	8082
023	TCL PCB	Run	8082
024	TCL PCB	Run	8082
025	TCL PCB	Run	8082
026	TCL PCB	Run	8082
027	TCL PCB	Run	8082
028	TCL PCB	Run	8082
029	TCL PCB	Run	8082
030	TCL PCB	Run	8082
031	TCL PCB	Run	8082
032	TCL PCB	Run	8082
033	TCL PCB	Run	8082
034	TCL PCB	Run	8082
035	TCL PCB	Run	8082
036	TCL PCB	Run	8082
037	TCL PCB	Run	8082
038	TCL PCB	Run	8082
039	TCL PCB	Run	8082
040	TCL PCB	Run	8082
041	TCL PCB	Run	8082
042	TCL PCB	Run	8082
043	TCL PCB	Run	8082
044	TCL PCB	Run	8082
045	TCL PCB	Run	8082
046	TCL PCB	Run	8082
047	TCL PCB	Run	8082
048	TCL PCB	Run	8082
049	TCL PCB	Run	8082
050	TCL PCB	Run	8082
051	TCL PCB	Run	8082
052	TCL PCB	Run	8082
053	TCL PCB	Run	8082
054	TCL PCB	Run	8082
055	TCL PCB	Run	8082

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PROJECT INFORMATION

E12-07487

Case No. E12-07487 **Project** ARSYNCO

Sample #	Tests	Status	QA Method
056	TCL PCB	Run	8082
057	TCL PCB	Run	8082
058	TCL PCB	Run	8082
059	TCL PCB	Run	8082
060	TCL PCB	Run	8082
061	TCL PCB	Run	8082
062	TCL PCB	Run	8082
063	TCL PCB	Run	8082
064	TCL PCB	Run	8082
065	TCL PCB	Run	8082

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INTEGRATED ANALYTICAL LABORATORIES, LLC

SAMPLE RECEIPT VERIFICATION

CASE NO: **E 12** **07487** CLIENT: JMK

COOLER TEMPERATURE: 2° - 6°C: ✓ (See Chain of Custody)

COC: (COMPLETE) / INCOMPLETE

Comments

KEY

✓	**= YES/NA**
✗	**= NO**

✓	Bottles Intact	
✓	no-Missing Bottles	
✓	no-Extra Bottles	
✓	Sufficient Sample Volume	
✓	no-headspace/bubbles in VOs	
✓	Labels intact/correct	
✓	pH Check (exclude VOs)[1]	
✓	Correct bottles/preservative	
✓	Sufficient Holding/Prep Time[1]	
[ ]	Sample to be Subcontracted	
✓	**Chain of Custody is Clear**	

[1] All samples with "Analyze Immediately" holding times will be analyzed by this laboratory past the holding time. This includes but is not limited to the following tests: pH, Temperature, Free Residual Chlorine, Total Residual Chlorine, Dissolved Oxygen, Sulfite.

ADDITIONAL COMMENTS:

SAMPLE(S) VERIFIED BY: INITIAL [ ] DATE 7/25/12

CORRECTIVE ACTION REQUIRED: **YES** [ ] (SEE BELOW) **NO** [ ]

If COC is **NOT** clear, ***STOP*** until you get client to authorize/clarify work.

CLIENT NOTIFIED: YES [ ] Date/ Time: _____ NO [ ]

PROJECT CONTACT:

SUBCONTRACTED LAB:

DATE SHIPPED:

ADDITIONAL COMMENTS:

VERIFIED/TAKEN BY: INITIAL [ ] DATE 7-25-12

E12-07487 0347

REV 03/2009

Laboratory Custody Chronicle

IAL Case No.
E12-07487

Client JMC Environmental Consultants

Project ARSYNCO

Received On 7/25/2012@17:45

Department: GC

			Prep. Date	Analyst	Analysis Date	Analyst
TCL PCB	07487-001	Soil	8/ 1/12	Archimede	8/ 8/12	Julia
"	-002	"	8/ 1/12	Archimede	8/ 8/12	Julia
"	-003	"	8/ 1/12	Archimede	8/ 8/12	Julia
"	-004	"	8/ 1/12	Archimede	8/ 8/12	Julia
"	-005	"	8/ 1/12	Archimede	8/ 8/12	Julia
"	-006	"	8/ 1/12	Archimede	8/ 8/12	Julia
"	-007	"	8/ 1/12	Archimede	8/ 8/12	Julia
"	-008	"	8/ 1/12	Archimede	8/ 8/12	Julia
"	-009	"	8/ 1/12	Archimede	8/ 8/12	Julia
"	-010	"	8/ 1/12	Archimede	8/ 8/12	Julia
"	-011	"	8/ 1/12	Archimede	8/ 8/12	Julia
"	-012	"	8/ 1/12	Archimede	8/ 8/12	Julia
"	-013	"	8/ 1/12	Archimede	8/ 8/12	Julia
"	-014	"	8/ 1/12	Archimede	8/ 8/12	Julia
"	-015	"	8/ 1/12	Archimede	8/ 8/12	Julia
"	-016	"	8/ 1/12	Archimede	8/ 8/12	Julia
"	-017	"	8/ 1/12	Archimede	8/ 8/12	Julia
"	-018	"	8/ 1/12	Archimede	8/ 8/12	Julia
"	-019	"	8/ 1/12	Archimede	8/ 8/12	Julia
"	-020	"	8/ 1/12	Archimede	8/ 9/12	Julia
"	-021	"	8/ 1/12	Archimede	8/ 9/12	Julia
"	-022	"	8/ 1/12	Archimede	8/ 9/12	Julia
"	-023	"	8/ 1/12	Archimede	8/ 9/12	Julia
"	-024	"	8/ 1/12	Archimede	8/ 9/12	Julia
"	-025	"	8/ 1/12	Archimede	8/ 9/12	Julia
"	-026	"	8/ 1/12	Archimede	8/ 9/12	Julia
"	-027	"	8/ 1/12	Archimede	8/11/12	Julia
"	-028	"	8/ 1/12	Archimede	8/ 9/12	Julia
"	-029	"	8/ 1/12	Archimede	8/ 9/12	Julia
"	-030	"	8/ 1/12	Archimede	8/ 9/12	Julia
"	-031	"	8/ 1/12	Archimede	8/ 9/12	Julia
"	-032	"	8/ 1/12	Archimede	8/ 9/12	Julia
"	-033	"	8/ 1/12	Archimede	8/ 9/12	Julia
"	-034	"	8/ 1/12	Archimede	8/ 9/12	Julia
"	-035	"	8/ 1/12	Archimede	8/ 9/12	Julia
"	-036	"	8/ 1/12	Archimede	8/ 9/12	Julia
"	-037	"	8/ 1/12	Archimede	8/ 9/12	Julia
"	-038	"	8/ 1/12	Archimede	8/ 9/12	Julia
"	-039	"	8/ 1/12	Archimede	8/ 9/12	Julia
"	-040	"	8/ 1/12	Archimede	8/11/12	Julia
"	-041	"	8/ 1/12	Archimede	8/11/12	Julia
"	-042	"	8/ 1/12	Archimede	8/ 9/12	Julia
"	-043	"	8/ 1/12	Archimede	8/11/12	Julia
"	-044	"	8/ 1/12	Archimede	8/ 9/12	Julia
"	-045	"	8/ 1/12	Archimede	8/11/12	Julia
"	-046	"	8/ 1/12	Archimede	8/11/12	Julia

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Laboratory Custody Chronicle

IAL Case No.

E12-07487

Client JMC Environmental Consultants

Project ARSYNCO

Received On 7/25/2012@17:45

"	-047	"	8/ 1/12	Archimede	8/10/12	Julia
"	-048	"	8/ 1/12	Archimede	8/11/12	Julia
"	-049	"	8/ 1/12	Archimede	8/11/12	Julia
"	-050	"	8/ 1/12	Archimede	8/12/12	Julia
"	-051	"	8/ 1/12	Archimede	8/10/12	Julia
"	-052	"	8/ 1/12	Archimede	8/10/12	Julia
"	-053	"	8/ 1/12	Archimede	8/10/12	Julia
"	-054	"	8/ 1/12	Archimede	8/10/12	Julia
"	-055	"	8/ 1/12	Archimede	8/10/12	Julia
"	-056	"	8/ 1/12	Archimede	8/10/12	Julia
"	-057	"	8/ 1/12	Archimede	8/10/12	Julia
"	-058	"	8/ 1/12	Archimede	8/12/12	Julia
"	-059	"	8/ 1/12	Archimede	8/12/12	Julia
"	-060	"	8/ 1/12	Archimede	8/ 8/12	Julia
"	-061	"	8/ 1/12	Archimede	8/ 9/12	Julia
"	-062	"	8/ 1/12	Archimede	8/11/12	Julia
"	-063	"	8/ 1/12	Archimede	8/11/12	Julia
"	-064	"	8/ 1/12	Archimede	8/ 9/12	Julia
"	-065	Aqueous	8/ 1/12	Archimede	8/ 3/12	Julia

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