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: **E12-06968**

These data have been reviewed and accepted by:

Michael H. Leffin, Ph.D.
Laboratory Director

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273 Franklin Road
Randolph, NJ 07869
Phone: 973 361 4252
Fax: 973 989 5288

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. E12-06968

Client JMC Environmental Consultants

Project ARSYNCO

Received On 7/12/2012@17:00

Lab ID	Client Sample ID	Depth Top/Bottom	Sampling Time	Matrix	# of Container
06968-001	V-23 (0-2.0)	0/2	7/12/2012@08:57	Soil	1
06968-002	V-23 (2.0-4.0)	2/4	7/12/2012@08:58	Soil	1
06968-003	V-23 (4.0-6.0)	4/6	7/12/2012@08:59	Soil	1
06968-004	U-23 (0-2.0)	0/2	7/12/2012@09:25	Soil	1
06968-005	U-23 (2.0-4.0)	2/4	7/12/2012@09:26	Soil	1
06968-006	U-23 (4.0-6.0)	4/6	7/12/2012@09:27	Soil	1
06968-007	T-23 (0-2.0)	0/2	7/12/2012@09:41	Soil	1
06968-008	T-23 (2.0-4.0)	2/4	7/12/2012@09:42	Soil	1
06968-009	T-23 (4.0-6.0)	4/6	7/12/2012@09:43	Soil	1
06968-010	S-23 (0-2.0)	0/2	7/12/2012@10:05	Soil	1
06968-011	S-23 (2.0-4.0)	2/4	7/12/2012@10:06	Soil	1
06968-012	S-23 (4.0-6.0)	4/6	7/12/2012@10:07	Soil	1
06968-013	R-22 (0-2.0)	0/2	7/12/2012@10:20	Soil	1
06968-014	R-22 (2.0-4.0)	2/4	7/12/2012@10:21	Soil	1
06968-015	R-22 (4.0-6.0)	4/6	7/12/2012@10:22	Soil	1
06968-016	S-22 (0-2.0)	0/2	7/12/2012@10:42	Soil	1
06968-017	S-22 (2.0-4.0)	2/4	7/12/2012@10:43	Soil	1
06968-018	S-22 (4.0-6.0)	4/6	7/12/2012@10:44	Soil	1
06968-019	T-22 (0-2.0)	0/2	7/12/2012@10:55	Soil	1
06968-020	T-22 (2.0-4.0)	2/4	7/12/2012@10:56	Soil	1
06968-021	T-22 (4.0-6.0)	4/6	7/12/2012@10:57	Soil	1
06968-022	U-22 (0-2.0)	0/2	7/12/2012@11:11	Soil	1
06968-023	U-22 (2.0-4.0)	2/4	7/12/2012@11:12	Soil	1
06968-024	U-22 (4.0-6.0)	4/6	7/12/2012@11:13	Soil	1
06968-025	V-22 (0-2.0)	0/2	7/12/2012@11:33	Soil	1
06968-026	V-22 (2.0-4.0)	2/4	7/12/2012@11:34	Soil	1
06968-027	V-22 (4.0-6.0)	4/6	7/12/2012@11:35	Soil	1
06968-028	V-21 (0-2.0)	0/2	7/12/2012@11:57	Soil	1
06968-029	V-21 (2.0-4.0)	2/4	7/12/2012@11:58	Soil	1
06968-030	V-21 (4.0-6.0)	4/6	7/12/2012@11:59	Soil	1
06968-031	U-21 (0-2.0)	0/2	7/12/2012@12:15	Soil	1
06968-032	U-21 (2.0-4.0)	2/4	7/12/2012@12:16	Soil	1
06968-033	U-21 (4.0-6.0)	4/6	7/12/2012@12:17	Soil	1
06968-034	T-21 (0-2.0)	0/2	7/12/2012@13:25	Soil	1
06968-035	T-21 (2.0-4.0)	2/4	7/12/2012@13:26	Soil	1
06968-036	T-21 (4.0-6.0)	4/6	7/12/2012@13:28	Soil	1
06968-037	S-21 (0-2.0)	0/2	7/12/2012@13:39	Soil	1
06968-038	S-21 (2.0-4.0)	2/4	7/12/2012@13:42	Soil	1
06968-039	S-21 (4.0-6.0)	4/6	7/12/2012@13:43	Soil	1
06968-040	R-21 (0-2.0)	0/2	7/12/2012@14:08	Soil	1
06968-041	R-21 (2.0-4.0)	2/4	7/12/2012@14:10	Soil	1
06968-042	R-21 (4.0-6.0)	4/6	7/12/2012@14:11	Soil	1
06968-043	Q-21 (0-2.0)	0/2	7/12/2012@14:32	Soil	1
06968-044	Q-21 (2.0-4.0)	2/4	7/12/2012@14:33	Soil	1
06968-045	Q-21 (4.0-6.0)	4/6	7/12/2012@14:35	Soil	1
06968-046	P-20 (0-2.0)	0/2	7/12/2012@14:45	Soil	1

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

Sample Summary

IAL Case No.

E12-06968

Client JMC Environmental Consultants

Project ARSYNCO

Received On 7/12/2012@17:00

Lab ID	Client Sample ID	Depth Top/Bottom	Sampling Time	Matrix	# of Container
06968-047	P-20 (2.0-4.0)	2/4	7/12/2012@14:46	Soil	1
06968-048	P-20 (4.0-6.0)	4/6	7/12/2012@14:48	Soil	1
06968-049	Q-20 (0-2.0)	0/2	7/12/2012	Soil	1
06968-050	Q-20 (2.0-4.0)	2/4	7/12/2012	Soil	1
06968-051	Q-20 (4.0-6.0)	4/6	7/12/2012	Soil	1
06968-052	FB-11	n/a	7/12/2012	Aqueous	2

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INTEGRATED ANALYTICAL LABORATORIES, LLC.

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* 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 fifty-one (51) soil sample(s) from JMC Environmental Consultants (IAL SDG # E12-06968, Project: ARSYNCO) on July 12, 2012 for the analysis of:

(52) 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

8/1/12
Date

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

Lab Case Number: E12 - 06968

		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

07-27-12
Date

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

Lab Case Number: E12- 06968

		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

07-30-12
Date

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

Lab Case Number: E12 - 06968

		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

07/31/12
Date

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

Lab Case Number: E12 - 06968

		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: please see next page

Organic Manager

07-30-12
Date

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

Additional comments for GC analytical results

Client/ Project: JMC/HRSYNCO

IAL Case Number: E12 - 06968

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:

06968#004
#008
#017

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

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

Lab Case Number: E12- 06968

		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: 06968 #043, #044, #049 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:		✓
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

08-01-12
Date

RESULTS SUMMARY REPORT

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-06968

Lab ID:	**06968-052**	
Client ID:	**FB-11**	
Matrix:	**Aqueous**	
Sampled Date	**7/12/12**	
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:	**06968-001**		**06968-002**		**06968-003**		**06968-004**	
Client ID:	**V-23 (0-2.0)**		**V-23 (2.0-4.0)**		**V-23 (4.0-6.0)**		**U-23 (0-2.0)**	
Depth:	**0/2**		**2/4**		**4/6**		**0/2**	
Matrix:	**Soil**		**Soil**		**Soil**		**Soil**	
Sampled Date	**7/12/12**		**7/12/12**		**7/12/12**		**7/12/12**	
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	0.016	ND	0.018	ND	0.019	ND	0.156
Aroclor-1221	ND	0.016	ND	0.018	ND	0.019	ND	0.156
Aroclor-1232	ND	0.016	ND	0.018	ND	0.019	ND	0.156
Aroclor-1242	ND	0.016	ND	0.018	ND	0.019	ND	0.156
Aroclor-1248	0.755	0.016	ND	0.018	ND	0.019	18.7	0.156
Aroclor-1254	ND	0.016	ND	0.018	ND	0.019	ND	0.156
Aroclor-1260	ND	0.016	ND	0.018	ND	0.019	4.54	0.156
Aroclor-1262	ND	0.016	ND	0.018	ND	0.019	ND	0.156
Aroclor-1268	ND	0.016	ND	0.018	ND	0.019	ND	0.156
PCBs	0.755	0.016	ND	0.018	ND	0.019	23.2	0.156

Lab ID:	**06968-005**		**06968-006**		**06968-007**		**06968-008**	
Client ID:	**U-23 (2.0-4.0)**		**U-23 (4.0-6.0)**		**T-23 (0-2.0)**		**T-23 (2.0-4.0)**	
Depth:	**2/4**		**4/6**		**0/2**		**2/4**	
Matrix:	**Soil**		**Soil**		**Soil**		**Soil**	
Sampled Date	**7/12/12**		**7/12/12**		**7/12/12**		**7/12/12**	
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	0.017	ND	0.017	ND	0.194	ND	2.30
Aroclor-1221	ND	0.017	ND	0.017	ND	0.194	ND	2.30
Aroclor-1232	ND	0.017	ND	0.017	ND	0.194	ND	2.30
Aroclor-1242	ND	0.017	ND	0.017	ND	0.194	44.4	2.30
Aroclor-1248	0.181	0.017	0.254	0.017	14.0	0.194	ND	2.30
Aroclor-1254	ND	0.017	ND	0.017	ND	0.194	ND	2.30
Aroclor-1260	ND	0.017	ND	0.017	ND	0.194	ND	2.30
Aroclor-1262	ND	0.017	ND	0.017	ND	0.194	ND	2.30
Aroclor-1268	ND	0.017	ND	0.017	ND	0.194	ND	2.30
PCBs	0.181	0.017	0.254	0.017	14.0	0.194	44.4	2.30

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-06968

Lab ID:	**06968-009**			**06968-010**			**06968-011**			**06968-012**	
Client ID:	**T-23 (4.0-6.0)**			**S-23 (0-2.0)**			**S-23 (2.0-4.0)**			**S-23 (4.0-6.0)**	
Depth:	**4/6**			**0/2**			**2/4**			**4/6**	
Matrix:	**Soil**			**Soil**			**Soil**			**Soil**	
Sampled Date	**7/12/12**			**7/12/12**			**7/12/12**			**7/12/12**	
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		0.019	ND		0.155	ND		0.166	ND		0.019
Aroclor-1221	ND		0.019	ND		0.155	ND		0.166	ND		0.019
Aroclor-1232	ND		0.019	ND		0.155	ND		0.166	ND		0.019
Aroclor-1242	ND		0.019	ND		0.155	ND		0.166	ND		0.019
Aroclor-1248	0.169		0.019	12.0		0.155	7.96		0.166	3.05		0.019
Aroclor-1254	ND		0.019	ND		0.155	ND		0.166	ND		0.019
Aroclor-1260	ND		0.019	ND		0.155	ND		0.166	ND		0.019
Aroclor-1262	ND		0.019	ND		0.155	ND		0.166	ND		0.019
Aroclor-1268	ND		0.019	ND		0.155	ND		0.166	ND		0.019
PCBs	0.169		0.019	12.0		0.155	7.96		0.166	3.05		0.019

Lab ID:	**06968-013**			**06968-014**			**06968-015**			**06968-016**	
Client ID:	**R-22 (0-2.0)**			**R-22 (2.0-4.0)**			**R-22 (4.0-6.0)**			**S-22 (0-2.0)**	
Depth:	**0/2**			**2/4**			**4/6**			**0/2**	
Matrix:	**Soil**			**Soil**			**Soil**			**Soil**	
Sampled Date	**7/12/12**			**7/12/12**			**7/12/12**			**7/12/12**	
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		0.187	ND		0.207	ND		0.018	ND		1.72
Aroclor-1221	ND		0.187	ND		0.207	ND		0.018	ND		1.72
Aroclor-1232	ND		0.187	ND		0.207	ND		0.018	ND		1.72
Aroclor-1242	ND		0.187	ND		0.207	5.18		0.018	ND		1.72
Aroclor-1248	14.1		0.187	20.3		0.207	ND		0.018	50.2		1.72
Aroclor-1254	ND		0.187	ND		0.207	ND		0.018	ND		1.72
Aroclor-1260	ND		0.187	ND		0.207	ND		0.018	ND		1.72
Aroclor-1262	ND		0.187	ND		0.207	ND		0.018	ND		1.72
Aroclor-1268	ND		0.187	ND		0.207	ND		0.018	ND		1.72
PCBs	14.1		0.187	20.3		0.207	5.18		0.018	50.2		1.72

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-06968

Lab ID:	06968-017			06968-018			06968-019			06968-020		
Client ID:	S-22 (2.0-4.0)			S-22 (4.0-6.0)			T-22 (0-2.0)			T-22 (2.0-4.0)		
Depth:	2/4			4/6			0/2			2/4		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/12/12			7/12/12			7/12/12			7/12/12		
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		2.04	ND		0.019	ND		0.016	ND		0.018
Aroclor-1221	ND		2.04	ND		0.019	ND		0.016	ND		0.018
Aroclor-1232	ND		2.04	ND		0.019	ND		0.016	ND		0.018
Aroclor-1242	30.5		2.04	ND		0.019	ND		0.016	ND		0.018
Aroclor-1248	ND		2.04	0.567		0.019	0.331		0.016	ND		0.018
Aroclor-1254	ND		2.04	ND		0.019	ND		0.016	ND		0.018
Aroclor-1260	ND		2.04	ND		0.019	ND		0.016	ND		0.018
Aroclor-1262	ND		2.04	ND		0.019	ND		0.016	ND		0.018
Aroclor-1268	ND		2.04	ND		0.019	ND		0.016	ND		0.018
PCBs	30.5		2.04	0.567		0.019	0.331		0.016	ND		0.018

Lab ID:	06968-021			06968-022			06968-023			06968-024		
Client ID:	T-22 (4.0-6.0)			U-22 (0-2.0)			U-22 (2.0-4.0)			U-22 (4.0-6.0)		
Depth:	4/6			0/2			2/4			4/6		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/12/12			7/12/12			7/12/12			7/12/12		
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		0.019	ND		0.018	ND		0.019	ND		0.018
Aroclor-1221	ND		0.019	ND		0.018	ND		0.019	ND		0.018
Aroclor-1232	ND		0.019	ND		0.018	ND		0.019	ND		0.018
Aroclor-1242	ND		0.019	ND		0.018	ND		0.019	ND		0.018
Aroclor-1248	ND		0.019	1.57		0.018	0.292		0.019	ND		0.018
Aroclor-1254	ND		0.019	ND		0.018	ND		0.019	ND		0.018
Aroclor-1260	ND		0.019	ND		0.018	ND		0.019	ND		0.018
Aroclor-1262	ND		0.019	ND		0.018	ND		0.019	ND		0.018
Aroclor-1268	ND		0.019	ND		0.018	ND		0.019	ND		0.018
PCBs	ND		0.019	1.57		0.018	0.292		0.019	ND		0.018

Lab ID:	06968-025			06968-026			06968-027			06968-028		
Client ID:	V-22 (0-2.0)			V-22 (2.0-4.0)			V-22 (4.0-6.0)			V-21 (0-2.0)		
Depth:	0/2			2/4			4/6			0/2		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/12/12			7/12/12			7/12/12			7/12/12		
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		0.019	ND		0.017	ND		0.018	ND		0.019
Aroclor-1221	ND		0.019	ND		0.017	ND		0.018	ND		0.019
Aroclor-1232	ND		0.019	ND		0.017	ND		0.018	ND		0.019
Aroclor-1242	ND		0.019	ND		0.017	ND		0.018	ND		0.019
Aroclor-1248	1.20		0.019	ND		0.017	ND		0.018	2.04		0.019
Aroclor-1254	ND		0.019	ND		0.017	ND		0.018	ND		0.019
Aroclor-1260	2.86		0.019	ND		0.017	ND		0.018	ND		0.019
Aroclor-1262	ND		0.019	ND		0.017	ND		0.018	ND		0.019
Aroclor-1268	ND		0.019	ND		0.017	ND		0.018	ND		0.019
PCBs	4.06		0.019	ND		0.017	ND		0.018	2.04		0.019

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-06968

Lab ID:	**06968-029**			**06968-030**			**06968-031**			**06968-032**	
Client ID:	**V-21 (2.0-4.0)**			**V-21 (4.0-6.0)**			**U-21 (0-2.0)**			**U-21 (2.0-4.0)**	
Depth:	**2/4**			**4/6**			**0/2**			**2/4**	
Matrix:	**Soil**			**Soil**			**Soil**			**Soil**	
Sampled Date	**7/12/12**			**7/12/12**			**7/12/12**			**7/12/12**	
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		0.019	ND		0.023	ND		1.71	ND		0.036
Aroclor-1221	ND		0.019	ND		0.023	ND		1.71	ND		0.036
Aroclor-1232	ND		0.019	ND		0.023	ND		1.71	ND		0.036
Aroclor-1242	ND		0.019	ND		0.023	ND		1.71	ND		0.036
Aroclor-1248	ND		0.019	ND		0.023	24.6		1.71	0.745		0.036
Aroclor-1254	ND		0.019	ND		0.023	ND		1.71	ND		0.036
Aroclor-1260	ND		0.019	ND		0.023	ND		1.71	ND		0.036
Aroclor-1262	ND		0.019	ND		0.023	ND		1.71	ND		0.036
Aroclor-1268	ND		0.019	ND		0.023	ND		1.71	ND		0.036
PCBs	ND		0.019	ND		0.023	24.6		1.71	0.745		0.036

Lab ID:	**06968-033**			**06968-034**			**06968-035**			**06968-036**	
Client ID:	**U-21 (4.0-6.0)**			**T-21 (0-2.0)**			**T-21 (2.0-4.0)**			**T-21 (4.0-6.0)**	
Depth:	**4/6**			**0/2**			**2/4**			**4/6**	
Matrix:	**Soil**			**Soil**			**Soil**			**Soil**	
Sampled Date	**7/12/12**			**7/12/12**			**7/12/12**			**7/12/12**	
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		0.019	ND		0.176	ND		0.218	ND		0.017
Aroclor-1221	ND		0.019	ND		0.176	ND		0.218	ND		0.017
Aroclor-1232	ND		0.019	ND		0.176	ND		0.218	ND		0.017
Aroclor-1242	ND		0.019	ND		0.176	ND		0.218	ND		0.017
Aroclor-1248	ND		0.019	17.1		0.176	11.8		0.218	ND		0.017
Aroclor-1254	ND		0.019	ND		0.176	ND		0.218	ND		0.017
Aroclor-1260	ND		0.019	ND		0.176	ND		0.218	ND		0.017
Aroclor-1262	ND		0.019	ND		0.176	ND		0.218	ND		0.017
Aroclor-1268	ND		0.019	ND		0.176	ND		0.218	ND		0.017
PCBs	ND		0.019	17.1		0.176	11.8		0.218	ND		0.017

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INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-06968

Lab ID:	**06968-037**			**06968-038**			**06968-039**			**06968-040**		
Client ID:	**S-21 (0-2.0)**			**S-21 (2.0-4.0)**			**S-21 (4.0-6.0)**			**R-21 (0-2.0)**		
Depth:	**0/2**			**2/4**			**4/6**			**0/2**		
Matrix:	**Soil**			**Soil**			**Soil**			**Soil**		
Sampled Date	**7/12/12**			**7/12/12**			**7/12/12**			**7/12/12**		
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		0.041	ND		0.019	ND		0.185
Aroclor-1221	ND		0.172	ND		0.041	ND		0.019	ND		0.185
Aroclor-1232	ND		0.172	ND		0.041	ND		0.019	ND		0.185
Aroclor-1242	ND		0.172	ND		0.041	ND		0.019	ND		0.185
Aroclor-1248	13.4		0.172	0.354		0.041	ND		0.019	37.9		0.185
Aroclor-1254	ND		0.172	ND		0.041	ND		0.019	ND		0.185
Aroclor-1260	ND		0.172	ND		0.041	ND		0.019	ND		0.185
Aroclor-1262	ND		0.172	ND		0.041	ND		0.019	ND		0.185
Aroclor-1268	ND		0.172	ND		0.041	ND		0.019	ND		0.185
PCBs	13.4		0.172	0.354		0.041	ND		0.019	37.9		0.185

Lab ID:	**06968-041**			**06968-042**			**06968-043**			**06968-044**		
Client ID:	**R-21 (2.0-4.0)**			**R-21 (4.0-6.0)**			**Q-21 (0-2.0)**			**Q-21 (2.0-4.0)**		
Depth:	**2/4**			**4/6**			**0/2**			**2/4**		
Matrix:	**Soil**			**Soil**			**Soil**			**Soil**		
Sampled Date	**7/12/12**			**7/12/12**			**7/12/12**			**7/12/12**		
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		0.032	ND		0.019	ND		2.19	ND		2.24
Aroclor-1221	ND		0.032	ND		0.019	ND		2.19	ND		2.24
Aroclor-1232	ND		0.032	ND		0.019	ND		2.19	ND		2.24
Aroclor-1242	ND		0.032	ND		0.019	ND		2.19	ND		2.24
Aroclor-1248	4.33		0.032	0.078		0.019	474		2.19	372		2.24
Aroclor-1254	ND		0.032	ND		0.019	ND		2.19	ND		2.24
Aroclor-1260	ND		0.032	ND		0.019	ND		2.19	ND		2.24
Aroclor-1262	ND		0.032	ND		0.019	ND		2.19	ND		2.24
Aroclor-1268	ND		0.032	ND		0.019	ND		2.19	ND		2.24
PCBs	4.33		0.032	0.078		0.019	474		2.19	372		2.24

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-06968

Lab ID:	06968-045			06968-046			06968-047			06968-048		
Client ID:	Q-21 (4.0-6.0)			P-20 (0-2.0)			P-20 (2.0-4.0)			P-20 (4.0-6.0)		
Depth:	4/6			0/2			2/4			4/6		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/12/12			7/12/12			7/12/12			7/12/12		
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		0.020	ND		0.172	ND		0.040	ND		0.017
Aroclor-1221	ND		0.020	ND		0.172	ND		0.040	ND		0.017
Aroclor-1232	ND		0.020	ND		0.172	ND		0.040	ND		0.017
Aroclor-1242	ND		0.020	ND		0.172	ND		0.040	ND		0.017
Aroclor-1248	1.43		0.020	50.6		0.172	3.78		0.040	ND		0.017
Aroclor-1254	ND		0.020	ND		0.172	ND		0.040	ND		0.017
Aroclor-1260	ND		0.020	ND		0.172	ND		0.040	ND		0.017
Aroclor-1262	ND		0.020	ND		0.172	ND		0.040	ND		0.017
Aroclor-1268	ND		0.020	ND		0.172	ND		0.040	ND		0.017
PCBs	1.43		0.020	50.6		0.172	3.78		0.040	ND		0.017

Lab ID:	06968-049			06968-050			06968-051		
Client ID:	Q-20 (0-2.0)			Q-20 (2.0-4.0)			Q-20 (4.0-6.0)		
Depth:	0/2			2/4			4/6		
Matrix:	Soil			Soil			Soil		
Sampled Date	7/12/12			7/12/12			7/12/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		1.89	ND		0.202	ND		0.020
Aroclor-1221	ND		1.89	ND		0.202	ND		0.020
Aroclor-1232	ND		1.89	ND		0.202	ND		0.020
Aroclor-1242	ND		1.89	ND		0.202	ND		0.020
Aroclor-1248	392		1.89	20.9		0.202	0.355		0.020
Aroclor-1254	ND		1.89	ND		0.202	ND		0.020
Aroclor-1260	ND		1.89	ND		0.202	ND		0.020
Aroclor-1262	ND		1.89	ND		0.202	ND		0.020
Aroclor-1268	ND		1.89	ND		0.202	ND		0.020
PCBs	392		1.89	20.9		0.202	0.355		0.020

ND = Analyzed for but Not Detected at the MDL

ANALYTICAL RESULTS

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-001
Client ID: V-23_(0-2.
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/28/2012
Data file: Y7548.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.66g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 13.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.041	0.016
Aroclor-1221	ND		0.041	0.016
Aroclor-1232	ND		0.041	0.016
Aroclor-1242	ND		0.041	0.016
Aroclor-1248	0.755		0.041	0.016
Aroclor-1254	ND		0.041	0.016
Aroclor-1260	ND		0.041	0.016
Aroclor-1262	ND		0.041	0.016
Aroclor-1268	ND		0.041	0.016
PCBs	0.755		0.041	0.016

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-002
Client ID: V-23_(2.0-
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/24/2012
Data file: Y7292.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.36g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 15.1

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	ND		0.044	0.018
Aroclor-1254	ND		0.044	0.018
Aroclor-1260	ND		0.044	0.018
Aroclor-1262	ND		0.044	0.018
Aroclor-1268	ND		0.044	0.018
PCBs	ND		0.044	0.018

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-003
Client ID: V-23_(4.0-
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/24/2012
Data file: Y7293.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.42g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 21.8

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: 06968-004
Client ID: U-23_(0-2.
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/25/2012
Data file: Y7353.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.89g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 13.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.391	0.156
Aroclor-1221	ND		0.391	0.156
Aroclor-1232	ND		0.391	0.156
Aroclor-1242	ND		0.391	0.156
Aroclor-1248	18.7		0.391	0.156
Aroclor-1254	ND		0.391	0.156
Aroclor-1260	4.54		0.391	0.156
Aroclor-1262	ND		0.391	0.156
Aroclor-1268	ND		0.391	0.156
PCBs	23.2		0.391	0.156

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-005
Client ID: U-23_(2.0-
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/24/2012
Data file: Y7295.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.12g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 7.10

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.042	0.017
Aroclor-1221	ND		0.042	0.017
Aroclor-1232	ND		0.042	0.017
Aroclor-1242	ND		0.042	0.017
Aroclor-1248	0.181		0.042	0.017
Aroclor-1254	ND		0.042	0.017
Aroclor-1260	ND		0.042	0.017
Aroclor-1262	ND		0.042	0.017
Aroclor-1268	ND		0.042	0.017
PCBs	0.181		0.042	0.017

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-006
Client ID: U-23_(4.0-
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/24/2012
Data file: Y7296.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.72g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 19.4

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	0.254		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	0.254		0.043	0.017

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-007
Client ID: T-23_(0-2.
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/24/2012
Data file: Y7297.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.44g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 24.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.484	0.194
Aroclor-1221	ND		0.484	0.194
Aroclor-1232	ND		0.484	0.194
Aroclor-1242	ND		0.484	0.194
Aroclor-1248	14.0		0.484	0.194
Aroclor-1254	ND		0.484	0.194
Aroclor-1260	ND		0.484	0.194
Aroclor-1262	ND		0.484	0.194
Aroclor-1268	ND		0.484	0.194
PCBs	14.0		0.484	0.194

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-008
Client ID: T-23_(2.0-
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/25/2012
Data file: Y7414.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.27g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 34.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		5.76	2.30
Aroclor-1221	ND		5.76	2.30
Aroclor-1232	ND		5.76	2.30
Aroclor-1242	44.4		5.76	2.30
Aroclor-1248	ND		5.76	2.30
Aroclor-1254	ND		5.76	2.30
Aroclor-1260	ND		5.76	2.30
Aroclor-1262	ND		5.76	2.30
Aroclor-1268	ND		5.76	2.30
PCBs	44.4		5.76	2.30

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-009
Client ID: T-23_(4.0-
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/24/2012
Data file: Y7299.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.43g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 23.2

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	0.169		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	0.169		0.048	0.019

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-010
Client ID: S-23_(0-2.
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/24/2012
Data file: Y7300.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.95g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 13.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.388	0.155
Aroclor-1221	ND		0.388	0.155
Aroclor-1232	ND		0.388	0.155
Aroclor-1242	ND		0.388	0.155
Aroclor-1248	12.0		0.388	0.155
Aroclor-1254	ND		0.388	0.155
Aroclor-1260	ND		0.388	0.155
Aroclor-1262	ND		0.388	0.155
Aroclor-1268	ND		0.388	0.155
PCBs	12.0		0.388	0.155

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-011
Client ID: S-23_(2.0-
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/24/2012
Data file: Y7301.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.97g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 19.2

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	7.96		0.415	0.166
Aroclor-1254	ND		0.415	0.166
Aroclor-1260	ND		0.415	0.166
Aroclor-1262	ND		0.415	0.166
Aroclor-1268	ND		0.415	0.166
PCBs	7.96		0.415	0.166

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-012
Client ID: S-23_(4.0-
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/24/2012
Data file: Y7302.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.84g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 28.9

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	3.05		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	3.05		0.048	0.019

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-013
Client ID: R-22_(0-2.
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/24/2012
Data file: Y7303.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.12g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 16.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.467	0.187
Aroclor-1221	ND		0.467	0.187
Aroclor-1232	ND		0.467	0.187
Aroclor-1242	ND		0.467	0.187
Aroclor-1248	14.1		0.467	0.187
Aroclor-1254	ND		0.467	0.187
Aroclor-1260	ND		0.467	0.187
Aroclor-1262	ND		0.467	0.187
Aroclor-1268	ND		0.467	0.187
PCBs	14.1		0.467	0.187

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-014
Client ID: R-22_(2.0-
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/25/2012
Data file: Y7355.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.21g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 25.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.518	0.207
Aroclor-1221	ND		0.518	0.207
Aroclor-1232	ND		0.518	0.207
Aroclor-1242	ND		0.518	0.207
Aroclor-1248	20.3		0.518	0.207
Aroclor-1254	ND		0.518	0.207
Aroclor-1260	ND		0.518	0.207
Aroclor-1262	ND		0.518	0.207
Aroclor-1268	ND		0.518	0.207
PCBs	20.3		0.518	0.207

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-015
Client ID: R-22_(4.0-
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/24/2012
Data file: Y7305.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.64g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 22.8

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	5.18		0.046	0.018
Aroclor-1248	ND		0.046	0.018
Aroclor-1254	ND		0.046	0.018
Aroclor-1260	ND		0.046	0.018
Aroclor-1262	ND		0.046	0.018
Aroclor-1268	ND		0.046	0.018
PCBs	5.18		0.046	0.018

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-016
Client ID: S-22_(0-2.
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/24/2012
Data file: Y7306.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.51g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 15.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.30	1.72
Aroclor-1221	ND		4.30	1.72
Aroclor-1232	ND		4.30	1.72
Aroclor-1242	ND		4.30	1.72
Aroclor-1248	50.2		4.30	1.72
Aroclor-1254	ND		4.30	1.72
Aroclor-1260	ND		4.30	1.72
Aroclor-1262	ND		4.30	1.72
Aroclor-1268	ND		4.30	1.72
PCBs	50.2		4.30	1.72

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-017
Client ID: S-22_(2.0-
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/26/2012
Data file: Y7415.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.13g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 23.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		5.10	2.04
Aroclor-1221	ND		5.10	2.04
Aroclor-1232	ND		5.10	2.04
Aroclor-1242	30.5		5.10	2.04
Aroclor-1248	ND		5.10	2.04
Aroclor-1254	ND		5.10	2.04
Aroclor-1260	ND		5.10	2.04
Aroclor-1262	ND		5.10	2.04
Aroclor-1268	ND		5.10	2.04
PCBs	30.5		5.10	2.04

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-018
Client ID: S-22_(4.0-
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/24/2012
Data file: Y7308.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.37g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 19.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.046	0.019
Aroclor-1221	ND		0.046	0.019
Aroclor-1232	ND		0.046	0.019
Aroclor-1242	ND		0.046	0.019
Aroclor-1248	0.567		0.046	0.019
Aroclor-1254	ND		0.046	0.019
Aroclor-1260	ND		0.046	0.019
Aroclor-1262	ND		0.046	0.019
Aroclor-1268	ND		0.046	0.019
PCBs	0.567		0.046	0.019

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-019
Client ID: T-22_(0-2.
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/27/2012
Data file: Y7496.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.46g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 10.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.041	0.016
Aroclor-1221	ND		0.041	0.016
Aroclor-1232	ND		0.041	0.016
Aroclor-1242	ND		0.041	0.016
Aroclor-1248	0.331		0.041	0.016
Aroclor-1254	ND		0.041	0.016
Aroclor-1260	ND		0.041	0.016
Aroclor-1262	ND		0.041	0.016
Aroclor-1268	ND		0.041	0.016
PCBs	0.331		0.041	0.016

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-020
Client ID: T-22_(2.0-
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/27/2012
Data file: Y7497.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.13g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 13.5

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: 06968-021
Client ID: T-22_(4.0-
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/27/2012
Data file: Y7498.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.61g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 25.1

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: 06968-022
Client ID: U-22_(0-2.
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/27/2012
Data file: Y7499.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.03g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 9.50

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	1.57		0.044	0.018
Aroclor-1254	ND		0.044	0.018
Aroclor-1260	ND		0.044	0.018
Aroclor-1262	ND		0.044	0.018
Aroclor-1268	ND		0.044	0.018
PCBs	1.57		0.044	0.018

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-023
Client ID: U-22_(2.0-
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/27/2012
Data file: Y7500.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.77g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 26.5

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	0.292		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	0.292		0.047	0.019

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-024
Client ID: U-22_(4.0-
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/27/2012
Data file: Y7501.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.74g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 21.3

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	ND		0.044	0.018
Aroclor-1254	ND		0.044	0.018
Aroclor-1260	ND		0.044	0.018
Aroclor-1262	ND		0.044	0.018
Aroclor-1268	ND		0.044	0.018
PCBs	ND		0.044	0.018

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-025
Client ID: V-22_(0-2.
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/27/2012
Data file: Y7502.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.27g
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	1.20		0.048	0.019
Aroclor-1254	ND		0.048	0.019
Aroclor-1260	2.86		0.048	0.019
Aroclor-1262	ND		0.048	0.019
Aroclor-1268	ND		0.048	0.019
PCBs	4.06		0.048	0.019

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-026
Client ID: V-22_(2.0-
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/27/2012
Data file: Y7503.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.21g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 11.4

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: 06968-027
Client ID: V-22_(4.0-
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/27/2012
Data file: Y7504.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.30g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 17.8

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	ND		0.046	0.018
Aroclor-1262	ND		0.046	0.018
Aroclor-1268	ND		0.046	0.018
PCBs	ND		0.046	0.018

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-028
Client ID: V-21_(0-2.
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/27/2012
Data file: Y7505.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.25g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 18.9

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	2.04		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	2.04		0.047	0.019

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-029
Client ID: V-21_(2.0-
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/27/2012
Data file: Y7506.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.68g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 24.6

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: 06968-030
Client ID: V-21_(4.0-
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/27/2012
Data file: Y7507.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.51g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 36.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.057	0.023
Aroclor-1221	ND		0.057	0.023
Aroclor-1232	ND		0.057	0.023
Aroclor-1242	ND		0.057	0.023
Aroclor-1248	ND		0.057	0.023
Aroclor-1254	ND		0.057	0.023
Aroclor-1260	ND		0.057	0.023
Aroclor-1262	ND		0.057	0.023
Aroclor-1268	ND		0.057	0.023
PCBs	ND		0.057	0.023

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-031
Client ID: U-21_(0-2.
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/27/2012
Data file: Y7508.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.47g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 14.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.29	1.71
Aroclor-1221	ND		4.29	1.71
Aroclor-1232	ND		4.29	1.71
Aroclor-1242	ND		4.29	1.71
Aroclor-1248	24.6		4.29	1.71
Aroclor-1254	ND		4.29	1.71
Aroclor-1260	ND		4.29	1.71
Aroclor-1262	ND		4.29	1.71
Aroclor-1268	ND		4.29	1.71
PCBs	24.6		4.29	1.71

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-032
Client ID: U-21_(2.0-
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/27/2012
Data file: Y7509.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.50g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 59.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.089	0.036
Aroclor-1221	ND		0.089	0.036
Aroclor-1232	ND		0.089	0.036
Aroclor-1242	ND		0.089	0.036
Aroclor-1248	0.745		0.089	0.036
Aroclor-1254	ND		0.089	0.036
Aroclor-1260	ND		0.089	0.036
Aroclor-1262	ND		0.089	0.036
Aroclor-1268	ND		0.089	0.036
PCBs	0.745		0.089	0.036

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-033
Client ID: U-21_(4.0-
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/27/2012
Data file: Y7510.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.48g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 24.9

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: 06968-034
Client ID: T-21_(0-2.
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/27/2012
Data file: Y7511.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.52g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 17.7

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	17.1		0.440	0.176
Aroclor-1254	ND		0.440	0.176
Aroclor-1260	ND		0.440	0.176
Aroclor-1262	ND		0.440	0.176
Aroclor-1268	ND		0.440	0.176
PCBs	17.1		0.440	0.176

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-035
Client ID: T-21_(2.0-
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/28/2012
Data file: Y7512.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.24g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 30.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.545	0.218
Aroclor-1221	ND		0.545	0.218
Aroclor-1232	ND		0.545	0.218
Aroclor-1242	ND		0.545	0.218
Aroclor-1248	11.8		0.545	0.218
Aroclor-1254	ND		0.545	0.218
Aroclor-1260	ND		0.545	0.218
Aroclor-1262	ND		0.545	0.218
Aroclor-1268	ND		0.545	0.218
PCBs	11.8		0.545	0.218

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-036
Client ID: T-21_(4.0-
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/28/2012
Data file: Y7513.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.89g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 20.6

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: 06968-037
Client ID: S-21_(0-2.
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/28/2012
Data file: Y7514.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.33g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 12.8

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	13.4		0.430	0.172
Aroclor-1254	ND		0.430	0.172
Aroclor-1260	ND		0.430	0.172
Aroclor-1262	ND		0.430	0.172
Aroclor-1268	ND		0.430	0.172
PCBs	13.4		0.430	0.172

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-038
Client ID: S-21_(2.0-
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/28/2012
Data file: Y7515.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.18g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 62.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.103	0.041
Aroclor-1221	ND		0.103	0.041
Aroclor-1232	ND		0.103	0.041
Aroclor-1242	ND		0.103	0.041
Aroclor-1248	0.354		0.103	0.041
Aroclor-1254	ND		0.103	0.041
Aroclor-1260	ND		0.103	0.041
Aroclor-1262	ND		0.103	0.041
Aroclor-1268	ND		0.103	0.041
PCBs	0.354		0.103	0.041

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-039
Client ID: S-21_(4.0-
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/28/2012
Data file: Y7522.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.50g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 21.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.046	0.019
Aroclor-1221	ND		0.046	0.019
Aroclor-1232	ND		0.046	0.019
Aroclor-1242	ND		0.046	0.019
Aroclor-1248	ND		0.046	0.019
Aroclor-1254	ND		0.046	0.019
Aroclor-1260	ND		0.046	0.019
Aroclor-1262	ND		0.046	0.019
Aroclor-1268	ND		0.046	0.019
PCBs	ND		0.046	0.019

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-040
Client ID: R-21_(0-2.
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/28/2012
Data file: Y7523.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.24g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 17.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.462	0.185
Aroclor-1221	ND		0.462	0.185
Aroclor-1232	ND		0.462	0.185
Aroclor-1242	ND		0.462	0.185
Aroclor-1248	37.9		0.462	0.185
Aroclor-1254	ND		0.462	0.185
Aroclor-1260	ND		0.462	0.185
Aroclor-1262	ND		0.462	0.185
Aroclor-1268	ND		0.462	0.185
PCBs	37.9		0.462	0.185

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-041
Client ID: R-21_(2.0-
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/28/2012
Data file: Y7524.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.20g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 51.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.080	0.032
Aroclor-1221	ND		0.080	0.032
Aroclor-1232	ND		0.080	0.032
Aroclor-1242	ND		0.080	0.032
Aroclor-1248	4.33		0.080	0.032
Aroclor-1254	ND		0.080	0.032
Aroclor-1260	ND		0.080	0.032
Aroclor-1262	ND		0.080	0.032
Aroclor-1268	ND		0.080	0.032
PCBs	4.33		0.080	0.032

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-042
Client ID: R-21_(4.0-
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/28/2012
Data file: Y7525.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.21g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 20.0

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	0.078		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	0.078		0.048	0.019

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-043
Client ID: Q-21_(0-2.
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/29/2012
Data file: Y7582.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.64g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 35.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		5.47	2.19
Aroclor-1221	ND		5.47	2.19
Aroclor-1232	ND		5.47	2.19
Aroclor-1242	ND		5.47	2.19
Aroclor-1248	474		5.47	2.19
Aroclor-1254	ND		5.47	2.19
Aroclor-1260	ND		5.47	2.19
Aroclor-1262	ND		5.47	2.19
Aroclor-1268	ND		5.47	2.19
PCBs	474		5.47	2.19

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-044
Client ID: Q-21_(2.0-
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/29/2012
Data file: Y7583.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.07g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 29.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		5.60	2.24
Aroclor-1221	ND		5.60	2.24
Aroclor-1232	ND		5.60	2.24
Aroclor-1242	ND		5.60	2.24
Aroclor-1248	372		5.60	2.24
Aroclor-1254	ND		5.60	2.24
Aroclor-1260	ND		5.60	2.24
Aroclor-1262	ND		5.60	2.24
Aroclor-1268	ND		5.60	2.24
PCBs	372		5.60	2.24

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-045
Client ID: Q-21_(4.0-
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/28/2012
Data file: Y7528.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.02g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 21.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.051	0.020
Aroclor-1221	ND		0.051	0.020
Aroclor-1232	ND		0.051	0.020
Aroclor-1242	ND		0.051	0.020
Aroclor-1248	1.43		0.051	0.020
Aroclor-1254	ND		0.051	0.020
Aroclor-1260	ND		0.051	0.020
Aroclor-1262	ND		0.051	0.020
Aroclor-1268	ND		0.051	0.020
PCBs	1.43		0.051	0.020

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-046
Client ID: P-20_(0-2.
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/28/2012
Data file: Y7529.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.59g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 17.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.431	0.172
Aroclor-1221	ND		0.431	0.172
Aroclor-1232	ND		0.431	0.172
Aroclor-1242	ND		0.431	0.172
Aroclor-1248	50.6		0.431	0.172
Aroclor-1254	ND		0.431	0.172
Aroclor-1260	ND		0.431	0.172
Aroclor-1262	ND		0.431	0.172
Aroclor-1268	ND		0.431	0.172
PCBs	50.6		0.431	0.172

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-047
Client ID: P-20_(2.0-
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/28/2012
Data file: Y7530.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.66g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 64.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.100	0.040
Aroclor-1221	ND		0.100	0.040
Aroclor-1232	ND		0.100	0.040
Aroclor-1242	ND		0.100	0.040
Aroclor-1248	3.78		0.100	0.040
Aroclor-1254	ND		0.100	0.040
Aroclor-1260	ND		0.100	0.040
Aroclor-1262	ND		0.100	0.040
Aroclor-1268	ND		0.100	0.040
PCBs	3.78		0.100	0.040

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-048
Client ID: P-20_(4.0-
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/28/2012
Data file: Y7531.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.88g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 21.2

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	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: 06968-049
Client ID: Q-20_(0-2.
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/29/2012
Data file: Y7584.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.14g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 17.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.72	1.89
Aroclor-1221	ND		4.72	1.89
Aroclor-1232	ND		4.72	1.89
Aroclor-1242	ND		4.72	1.89
Aroclor-1248	392		4.72	1.89
Aroclor-1254	ND		4.72	1.89
Aroclor-1260	ND		4.72	1.89
Aroclor-1262	ND		4.72	1.89
Aroclor-1268	ND		4.72	1.89
PCBs	392		4.72	1.89

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-050
Client ID: Q-20_(2.0-
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/29/2012
Data file: Y7585.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.33g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 25.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.506	0.202
Aroclor-1221	ND		0.506	0.202
Aroclor-1232	ND		0.506	0.202
Aroclor-1242	ND		0.506	0.202
Aroclor-1248	20.9		0.506	0.202
Aroclor-1254	ND		0.506	0.202
Aroclor-1260	ND		0.506	0.202
Aroclor-1262	ND		0.506	0.202
Aroclor-1268	ND		0.506	0.202
PCBs	20.9		0.506	0.202

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-051
Client ID: Q-20_(4.0-
Date Received: 07/12/2012
Date Extracted: 07/23/2012
Date Analyzed: 07/28/2012
Data file: Y7534.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.25g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 22.4

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	0.355		0.049	0.020
Aroclor-1254	ND		0.049	0.020
Aroclor-1260	ND		0.049	0.020
Aroclor-1262	ND		0.049	0.020
Aroclor-1268	ND		0.049	0.020
PCBs	0.355		0.049	0.020

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 06968-052
Client ID: FB-11
Date Received: 07/12/2012
Date Extracted: 07/19/2012
Date Analyzed: 07/24/2012
Data file: Y7273.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: 07/24/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS120723-02	SOIL	105		106		110		104	
V-27(2.0-3	07117-060	SOIL	70		82		91		86	
V-27(3.0-4	07117-061	SOIL	108		102		120		116	
V-23_(2.0-	06968-002	SOIL	91		48		105		126	
V-23_(4.0-	06968-003	SOIL	63		56		101		149	
U-23_(2.0-	06968-005	SOIL	98		92		104		95	
U-23_(4.0-	06968-006	SOIL	104		106		115		108	
T-23_(0-2.	06968-007	SOIL	116		137		121		109	
T-23_(4.0-	06968-009	SOIL	108		103		118		107	
S-23_(0-2.	06968-010	SOIL	107		97		113		145	
S-23_(2.0-	06968-011	SOIL	103		101		114		102	
S-23_(4.0-	06968-012	SOIL	99		108		114		105	
R-22_(0-2.	06968-013	SOIL	104		105		115		100	
R-22_(4.0-	06968-015	SOIL	107		112		117		112	
S-22_(0-2.	06968-016	SOIL	D		D		D		D	
S-22_(4.0-	06968-018	SOIL	110		102		118		109	
PCB	06968-018MS	SOIL	114		123		121		121	
PCB	06968-018MSD	SOIL	111		112		117		107	
PCB	LCSS120723-02	SOIL	105		103		109		98	
U-23_(0-2.	06968-004	SOIL	94		101		100		101	
R-22_(2.0-	06968-014	SOIL	111		119		117		109	
T-23_(2.0-	06968-008	SOIL	D		D		D		D	
S-22_(2.0-	06968-017	SOIL	D		D		D		D	

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: 07/28/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS120723-02	SOIL	110		100		104		97	
V-23_(0-2.	06968-001	SOIL	115		117		117		111	
PCB	LCSS120723-02	SOIL	106		94		100		99	

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: 07/24/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKA120719-17	AQUEOUS	81		70		89		76	
FB-11	06968-052	AQUEOUS	73		66		80		73	
TRE-V12-18	07090-001	AQUEOUS	36		39		54		57	
TRE-V12-18	07090-002	AQUEOUS	34		36		50		54	
FB-12	07021-041	AQUEOUS	71		52		78		66	
MW-2R	07047-001	AQUEOUS	71		70		76		79	
MW-3	07047-002	AQUEOUS	62		74		73		85	
FB	07047-004	AQUEOUS	72		67		77		68	
FB-14	07117-058	AQUEOUS	77		70		82		77	
FB-13	07070-059	AQUEOUS	66		61		71		64	
PCB	07047-001MS	AQUEOUS	67		79		75		86	
PCB	07047-001MSD	AQUEOUS	59		75		64		83	
PCB	LCSA120719-17	AQUEOUS	115		108		118		109	
MW-15	07047-003	AQUEOUS	82		86		84		95	

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: 07/27/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS120723-05	SOIL	117		72		110		126	
T-22_(0-2.	06968-019	SOIL	105		75		108		120	
T-22_(2.0-	06968-020	SOIL	124		97		122		140	
T-22_(4.0-	06968-021	SOIL	119		107		116		121	
U-22_(0-2.	06968-022	SOIL	86		99		91		143	
U-22_(2.0-	06968-023	SOIL	104		80		107		129	
U-22_(4.0-	06968-024	SOIL	131		110		130		129	
V-22_(0-2.	06968-025	SOIL	94		115		104		131	
V-22_(2.0-	06968-026	SOIL	107		88		106		107	
V-22_(4.0-	06968-027	SOIL	115		95		116		117	
V-21_(0-2.	06968-028	SOIL	91		110		113		120	
V-21_(2.0-	06968-029	SOIL	124		108		129		161	
V-21_(4.0-	06968-030	SOIL	124		89		124		108	
U-21_(0-2.	06968-031	SOIL	D		D		D		D	
U-21_(2.0-	06968-032	SOIL	118		114		137		130	
U-21_(4.0-	06968-033	SOIL	118		94		118		123	
T-21_(0-2.	06968-034	SOIL	133		121		133		116	
T-21_(2.0-	06968-035	SOIL	149		137		148		139	
T-21_(4.0-	06968-036	SOIL	118		100		116		106	
S-21_(0-2.	06968-037	SOIL	136		122		130		125	
S-21_(2.0-	06968-038	SOIL	126		115		127		140	
PCB	06968-026MS	SOIL	113		91		111		108	
PCB	06968-026MSD	SOIL	154		131		158		155	
PCB	LCSS120723-05	SOIL	117		69		113		111	

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: 07/28/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS120723-06	SOIL	119		90		115		105	
S-21_(4.0-	06968-039	SOIL	116		108		113		107	
R-21_(0-2.	06968-040	SOIL	121		111		123		123	
R-21_(2.0-	06968-041	SOIL	87		75		103		95	
R-21_(4.0-	06968-042	SOIL	111		89		110		99	
Q-21_(4.0-	06968-045	SOIL	110		92		109		102	
P-20_(0-2.	06968-046	SOIL	122		104		120		114	
P-20_(2.0-	06968-047	SOIL	74		109		94		118	
P-20_(4.0-	06968-048	SOIL	109		92		105		95	
Q-20_(4.0-	06968-051	SOIL	107		99		107		102	
SS-1	06984-001	SOIL	106		106		107		114	
SS-2	06984-002	SOIL	56		92		76		104	
SS-3	06984-003	SOIL	111		98		107		102	
SS-4	06984-004	SOIL	111		100		111		110	
SS-5	06984-005	SOIL	50		83		67		101	
SS-6	06984-006	SOIL	120		102		118		107	
SS-7	06984-007	SOIL	116		97		115		106	
PCB	06984-007MS	SOIL	116		97		113		110	
PCB	06984-007MSD	SOIL	116		95		113		108	
PCB	LCSS120723-06	SOIL	106		90		101		96	
Q-21_(0-2.	06968-043	SOIL	D		D		D		D	
Q-21_(2.0-	06968-044	SOIL	D		D		D		D	
Q-20_(0-2.	06968-049	SOIL	D		D		D		D	
Q-20_(2.0-	06968-050	SOIL	135		133		128		126	

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

SOIL PCB BLANK SPIKE RECOVERY

Matrix spike Lab sample ID: LCSS120723-02

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	422.0	84	70 - 130
Aroclor-1260	500.0	0.0	475.8	95	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: LCSS120723-02

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	429.5	86	70 - 130
Aroclor-1260	500.0	0.0	454.6	91	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 BLANK SPIKE RECOVERY

Matrix spike Lab sample ID: LCSA120719-17

Compound	SPIKE ADDED (ug/L)	SAMPLE CONC. (ug/L)	MS CONC. (ug/L)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	466.1	93	70 - 130
Aroclor-1260	500.0	0.0	492.3	98	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: LCSS120723-05

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	459.7	92	70 - 130
Aroclor-1260	500.0	0.0	417.8	84	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: LCSS120723-06

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	427.8	86	70 - 130
Aroclor-1260	500.0	0.0	442.0	88	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 MATRIX SPIKE/SPIKE DUPLICATE RECOVERY

Matrix spike Lab sample ID: 06968-018MSD

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	574.6	115	40 - 140
Aroclor-1260	500.0	0.0	485.3	97	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	#	MSD % REC	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	566.0		113	2	50	40 - 140
Aroclor-1260	0.0	488.9		98	1	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

AQUEOUS PCB MATRIX SPIKE/SPIKE DUPLICATE RECOVERY

Matrix spike Lab sample ID: 07047-001MSD

Compound	SPIKE ADDED (ug/L)	SAMPLE CONC. (ug/L)	MS CONC. (ug/L)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	398.3	80	40 - 140
Aroclor-1260	500.0	0.0	425.7	85	40 - 140

Compound	SAMPLE CONC. (ug/L)	MSD CONC. (ug/L)	MSD % # REC	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	316.3	63	24	50	40 - 140
Aroclor-1260	0.0	369.9	74	14	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: 06968-026

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	467.8	94	40 - 140
Aroclor-1260	500.0	0.0	445.1	89	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	#	MSD % REC	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	681.7		136	37	50	40 - 140
Aroclor-1260	0.0	698.1		140	45	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: 06984-007MSD

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	437.8	88	40 - 140
Aroclor-1260	500.0	0.0	500.5	100	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	MSD % # REC	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	436.4	87	1	50	40 - 140
Aroclor-1260	0.0	537.4	107	7	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

PCB METHOD BLANK SUMMARY

Lab File ID: Y7288.D

Instrument ID: GC-Y

Date Extracted: 07/23/2012

Matrix: SOIL

Date Analyzed: 07/24/2012

Time Analyzed: 09:23

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

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
V-27(2.0-3	07117-060	07/24/2012	09:40
V-27(3.0-4	07117-061	07/24/2012	09:57
V-23_(2.0-	06968-002	07/24/2012	10:31
V-23_(4.0-	06968-003	07/24/2012	10:49
U-23_(2.0-	06968-005	07/24/2012	11:23
U-23_(4.0-	06968-006	07/24/2012	11:40
T-23_(0-2.	06968-007	07/24/2012	11:58
T-23_(4.0-	06968-009	07/24/2012	12:32
S-23_(0-2.	06968-010	07/24/2012	12:49
S-23_(2.0-	06968-011	07/24/2012	13:07
S-23_(4.0-	06968-012	07/24/2012	13:24
R-22_(0-2.	06968-013	07/24/2012	13:41
R-22_(4.0-	06968-015	07/24/2012	14:15
S-22_(0-2.	06968-016	07/24/2012	14:33
S-22_(4.0-	06968-018	07/24/2012	15:07
PCB	06968-018MS	07/24/2012	15:24
PCB	06968-018MSD	07/24/2012	15:42
PCB	LCSS120723-02	07/24/2012	15:59
U-23_(0-2.	06968-004	07/25/2012	05:00
R-22_(2.0-	06968-014	07/25/2012	05:34
T-23_(2.0-	06968-008	07/25/2012	23:51
S-22_(2.0-	06968-017	07/26/2012	00:08

PCB METHOD BLANK SUMMARY

Lab File ID:	Y7547.D	Instrument ID:	GC-Y
Date Extracted:	07/23/2012	Matrix:	SOIL
Date Analyzed:	07/28/2012	Time Analyzed:	10:51

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

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
V-23_(0-2.	06968-001	07/28/2012	11:08
PCB	LCSS120723-02	07/28/2012	11:25

PCB METHOD BLANK SUMMARY

Lab File ID: Y7272.D

Instrument ID: GC-Y

Date Extracted: 07/19/2012

Matrix: AQUEOUS

Date Analyzed: 07/24/2012

Time Analyzed: 04:30

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

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
FB-11	06968-052	07/24/2012	04:48
TRE-V12-18	07090-001	07/24/2012	05:05
TRE-V12-18	07090-002	07/24/2012	05:22
FB-12	07021-041	07/24/2012	05:39
MW-2R	07047-001	07/24/2012	05:56
MW-3	07047-002	07/24/2012	06:13
FB	07047-004	07/24/2012	06:48
FB-14	07117-058	07/24/2012	07:05
FB-13	07070-059	07/24/2012	07:22
PCB	07047-001MS	07/24/2012	07:39
PCB	07047-001MSD	07/24/2012	07:57
PCB	LCSA120719-17	07/24/2012	08:14
MW-15	07047-003	07/25/2012	04:43

PCB METHOD BLANK SUMMARY

Lab File ID: Y7495.D

Instrument ID: GC-Y

Date Extracted: 07/23/2012

Matrix: SOIL

Date Analyzed: 07/27/2012

Time Analyzed: 19:22

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

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
T-22_(0-2.	06968-019	07/27/2012	19:39
T-22_(2.0-	06968-020	07/27/2012	19:56
T-22_(4.0-	06968-021	07/27/2012	20:14
U-22_(0-2.	06968-022	07/27/2012	20:31
U-22_(2.0-	06968-023	07/27/2012	20:48
U-22_(4.0-	06968-024	07/27/2012	21:05
V-22_(0-2.	06968-025	07/27/2012	21:22
V-22_(2.0-	06968-026	07/27/2012	21:40
V-22_(4.0-	06968-027	07/27/2012	21:57
V-21_(0-2.	06968-028	07/27/2012	22:14
V-21_(2.0-	06968-029	07/27/2012	22:31
V-21_(4.0-	06968-030	07/27/2012	22:48
U-21_(0-2.	06968-031	07/27/2012	23:06
U-21_(2.0-	06968-032	07/27/2012	23:23
U-21_(4.0-	06968-033	07/27/2012	23:40
T-21_(0-2.	06968-034	07/27/2012	23:57
T-21_(2.0-	06968-035	07/28/2012	00:14
T-21_(4.0-	06968-036	07/28/2012	00:32
S-21_(0-2.	06968-037	07/28/2012	00:49
S-21_(2.0-	06968-038	07/28/2012	01:06
PCB	06968-026MS	07/28/2012	01:23
PCB	06968-026MSD	07/28/2012	01:40
PCB	LCSS120723-05	07/28/2012	01:57

PCB METHOD BLANK SUMMARY

Lab File ID: Y7521.D

Instrument ID: GC-Y

Date Extracted: 07/23/2012

Matrix: SOIL

Date Analyzed: 07/28/2012

Time Analyzed: 03:07

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

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
S-21_(4.0-	06968-039	07/28/2012	03:24
R-21_(0-2.	06968-040	07/28/2012	03:41
R-21_(2.0-	06968-041	07/28/2012	03:58
R-21_(4.0-	06968-042	07/28/2012	04:15
Q-21_(4.0-	06968-045	07/28/2012	05:07
P-20_(0-2.	06968-046	07/28/2012	05:24
P-20_(2.0-	06968-047	07/28/2012	05:41
P-20_(4.0-	06968-048	07/28/2012	05:58
Q-20_(4.0-	06968-051	07/28/2012	06:50
SS-1	06984-001	07/28/2012	07:07
SS-2	06984-002	07/28/2012	07:24
SS-3	06984-003	07/28/2012	07:42
SS-4	06984-004	07/28/2012	07:59
SS-5	06984-005	07/28/2012	08:16
SS-6	06984-006	07/28/2012	08:33
SS-7	06984-007	07/28/2012	08:50
PCB	06984-007MS	07/28/2012	09:08
PCB	06984-007MSD	07/28/2012	09:25
PCB	LCSS120723-06	07/28/2012	09:42
Q-21_(0-2.	06968-043	07/29/2012	14:05
Q-21_(2.0-	06968-044	07/29/2012	14:22
Q-20_(0-2.	06968-049	07/29/2012	14:40
Q-20_(2.0-	06968-050	07/29/2012	14:57

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 06/26/2012

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

Data File: Y5693.D Y5692.D Y5691.D Y5690.D Y5689.D

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WI NDOW FROM	TO
Aroclor-1016	3.27	3.28	3.28	3.28	3.28	3.28	3.21	3.35
Aroclor-1016 {2}	4.11	4.10	4.11	4.11	4.11	4.11	4.04	4.18
Aroclor-1016 {3}	4.65	4.66	4.65	4.65	4.65	4.65	4.58	4.72
Aroclor-1016 {4}	5.16	5.16	5.16	5.16	5.16	5.16	5.09	5.23
Aroclor-1016 {5}	5.55	5.55	5.55	5.55	5.55	5.55	5.48	5.62
Aroclor-1221			2.17				2.10	2.24
Aroclor-1221 {2}			3.07				3.00	3.14
Aroclor-1221 {3}			3.19				3.12	3.26
Aroclor-1221 {4}			3.27				3.20	3.34
Aroclor-1221 {5}			3.86				3.79	3.93
Aroclor-1232			3.27				3.20	3.34
Aroclor-1232 {2}			4.10				4.03	4.17
Aroclor-1232 {3}			4.76				4.69	4.83
Aroclor-1232 {4}			5.35				5.28	5.42
Aroclor-1232 {5}			5.55				5.48	5.62
Aroclor-1242			4.11				4.04	4.18
Aroclor-1242 {2}			5.04				4.97	5.11
Aroclor-1242 {3}			5.36				5.29	5.43
Aroclor-1242 {4}			6.05				5.98	6.12
Aroclor-1242 {5}			6.32				6.25	6.39
Aroclor-1248			4.50				4.42	4.58
Aroclor-1248 {2}			5.04				4.96	5.12
Aroclor-1248 {3}			5.36				5.28	5.44
Aroclor-1248 {4}			6.06				5.98	6.14
Aroclor-1248 {5}			6.33				6.25	6.41
Aroclor-1254			6.45				6.37	6.53
Aroclor-1254 {2}			6.88				6.80	6.96
Aroclor-1254 {3}			7.05				6.96	7.14
Aroclor-1254 {4}			7.48				7.39	7.57
Aroclor-1254 {5}			8.33				8.24	8.42
Aroclor-1260	8.32	8.32	8.32	8.33	8.32	8.32	7.42	9.22
Aroclor-1260 {2}	9.00	9.00	9.00	9.00	9.00	9.00	8.10	9.90
Aroclor-1260 {3}	9.47	9.47	9.47	9.47	9.47	9.47	8.57	10.37
Aroclor-1260 {4}	9.95	9.95	9.95	9.95	9.95	9.95	9.05	10.85
Aroclor-1260 {5}	11.01	11.01	11.01	11.01	11.01	11.01	10.11	11.91

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 06/26/2012

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

Data File: Y5693.D Y5692.D Y5691.D Y5690.D Y5689.D

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1016	2158526	1576000	1698131	1764462	1711954	1781815	12.44
Aroclor-1016 {2}	2402575	2200752	2357394	2475021	2422935	2371736	4.41
Aroclor-1016 {3}	3011949	2882239	3177441	3334621	3218928	3125036	5.71
Aroclor-1016 {4}	1681635	1432658	1450872	1515174	1485014	1513071	6.57
Aroclor-1016 {5}	2597064	2368911	2578717	2724853	2708544	2595618	5.49
Aroclor-1221			828520				
Aroclor-1221 {2}			1275655				
Aroclor-1221 {3}			857847				
Aroclor-1221 {4}			2894853				
Aroclor-1221 {5}			670112				
Aroclor-1232			2063367				
Aroclor-1232 {2}			1131048				
Aroclor-1232 {3}			1055895				
Aroclor-1232 {4}			1126126				
Aroclor-1232 {5}			1450731				
Aroclor-1242			2034139				
Aroclor-1242 {2}			1293898				
Aroclor-1242 {3}			1881596				
Aroclor-1242 {4}			2805290				
Aroclor-1242 {5}			2579945				
Aroclor-1248			4238052				
Aroclor-1248 {2}			2416821				
Aroclor-1248 {3}			3236060				
Aroclor-1248 {4}			5160666				
Aroclor-1248 {5}			4144900				
Aroclor-1254			4674394				
Aroclor-1254 {2}			3742416				
Aroclor-1254 {3}			7049491				
Aroclor-1254 {4}			7076508				
Aroclor-1254 {5}			6604307				
Aroclor-1260	6883885	6422839	7458788	7740786	7175397	7136339	7.16
Aroclor-1260 {2}	3543900	3011968	3350316	3459291	3428078	3358711	6.13
Aroclor-1260 {3}	8936763	7244082	8370413	8710148	8431730	8338627	7.83
Aroclor-1260 {4}	4086888	4169347	4220226	4362104	4255205	4218754	2.42
Aroclor-1260 {5}	1823349	1628762	1601873	1633329	1570813	1651625	6.01
						Average %RSD	6.41

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 06/26/2012

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

Data File: Y5693.C Y5692.C Y5691.C Y5690.C Y5689.C

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WI NDOW FROM	TO
Aroclor-1016	3.82	3.81	3.82	3.82	3.82	3.82	3.75	3.89
Aroclor-1016 {2}	4.42	4.42	4.42	4.42	4.42	4.42	4.35	4.49
Aroclor-1016 {3}	5.17	5.17	5.17	5.17	5.17	5.17	5.10	5.24
Aroclor-1016 {4}	5.38	5.38	5.38	5.38	5.38	5.38	5.31	5.45
Aroclor-1016 {5}	5.56	5.56	5.56	5.56	5.56	5.56	5.49	5.63
Aroclor-1221			2.49				2.42	2.56
Aroclor-1221 {2}			3.50				3.43	3.57
Aroclor-1221 {3}			3.73				3.66	3.80
Aroclor-1221 {4}			3.83				3.76	3.90
Aroclor-1221 {5}			5.18				5.11	5.25
Aroclor-1232			3.83				3.76	3.90
Aroclor-1232 {2}			4.82				4.75	4.89
Aroclor-1232 {3}			5.39				5.32	5.46
Aroclor-1232 {4}			5.57				5.50	5.64
Aroclor-1232 {5}			6.17				6.10	6.24
Aroclor-1242			4.81				4.74	4.88
Aroclor-1242 {2}			5.56				5.49	5.63
Aroclor-1242 {3}			6.16				6.09	6.23
Aroclor-1242 {4}			6.32				6.25	6.39
Aroclor-1242 {5}			6.85				6.78	6.92
Aroclor-1248			5.17				5.09	5.25
Aroclor-1248 {2}			5.76				5.68	5.84
Aroclor-1248 {3}			6.16				6.08	6.24
Aroclor-1248 {4}			6.31				6.23	6.39
Aroclor-1248 {5}			6.66				6.58	6.74
Aroclor-1254			7.16				7.08	7.24
Aroclor-1254 {2}			7.75				7.67	7.83
Aroclor-1254 {3}			8.36				8.27	8.45
Aroclor-1254 {4}			8.59				8.50	8.68
Aroclor-1254 {5}			9.18				9.09	9.27
Aroclor-1260	7.93	7.93	7.93	7.93	7.93	7.93	7.03	8.83
Aroclor-1260 {2}	8.18	8.18	8.18	8.18	8.18	8.18	7.28	9.08
Aroclor-1260 {3}	9.78	9.78	9.78	9.78	9.78	9.78	8.88	10.68
Aroclor-1260 {4}	10.28	10.28	10.28	10.28	10.28	10.28	9.38	11.18
Aroclor-1260 {5}	10.87	10.87	10.87	10.87	10.87	10.87	9.97	11.77

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 06/26/2012

Instrument ID: GC-Y

GC Column (2nd): RTX-CLP2

Data File: Y5693.C Y5692.C Y5691.C Y5690.C Y5689.C

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1016	639129	556083	544610	543480	516688	559998	8.31
Aroclor-1016 {2}	1365709	1182903	1092201	1079621	1029700	1150027	11.53
Aroclor-1016 {3}	2992384	2496318	2480225	2496406	2421461	2577359	9.08
Aroclor-1016 {4}	1105095	1106203	1048532	1040620	999297	1059949	4.31
Aroclor-1016 {5}	1169612	852192	813028	812368	784228	886286	18.08
Aroclor-1221			258324				
Aroclor-1221 {2}			355681				
Aroclor-1221 {3}			235125				
Aroclor-1221 {4}			860404				
Aroclor-1221 {5}			159575				
Aroclor-1232			657366				
Aroclor-1232 {2}			243462				
Aroclor-1232 {3}			535109				
Aroclor-1232 {4}			410759				
Aroclor-1232 {5}			569667				
Aroclor-1242			407951				
Aroclor-1242 {2}			694356				
Aroclor-1242 {3}			923104				
Aroclor-1242 {4}			770055				
Aroclor-1242 {5}			1481229				
Aroclor-1248			1317451				
Aroclor-1248 {2}			1948855				
Aroclor-1248 {3}			1413456				
Aroclor-1248 {4}			1205391				
Aroclor-1248 {5}			660352				
Aroclor-1254			1777649				
Aroclor-1254 {2}			1317035				
Aroclor-1254 {3}			1340827				
Aroclor-1254 {4}			737293				
Aroclor-1254 {5}			1811680				
Aroclor-1260	917650	964102	906415	900990	871776	912187	3.68
Aroclor-1260 {2}	1607423	1384418	1296595	1285273	1245243	1363790	10.66
Aroclor-1260 {3}	1232724	1193984	1095226	1068774	1055784	1129299	7.02
Aroclor-1260 {4}	2390638	2154327	2351228	2354437	2330183	2316162	4.02
Aroclor-1260 {5}	1690329	1459572	1755368	1697742	1795274	1679657	7.76
						Average %RSD	8.45

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 06/26/2012

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

Data File: Y5693.D Y5692.D Y5691.D Y5690.D Y5689.D

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WINDOW FROM	TO
Aroclor-1262			8.62				7.72	7.72
Aroclor-1262 {2}			9.47				8.57	8.57
Aroclor-1262 {3}			10.10				9.20	9.20
Aroclor-1262 {4}			10.19				9.19	9.19
Aroclor-1262 {5}			11.01				10.01	10.01
Aroclor-1268			10.10				9.10	9.10
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}			11.61				10.51	10.51

GC Column (2nd): DB-1701P

Data File: Y5693.C Y5692.C Y5691.C Y5690.C Y5689.C

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WINDOW FROM	TO
Aroclor-1262			9.78				8.88	8.88
Aroclor-1262 {2}			10.28				9.38	9.38
Aroclor-1262 {3}			10.78				9.88	9.88
Aroclor-1262 {4}			10.87				9.87	9.87
Aroclor-1262 {5}			11.47				10.47	10.47
Aroclor-1268			10.78				9.78	9.78
Aroclor-1268 {2}			10.86				9.76	9.76
Aroclor-1268 {3}			11.12				10.02	10.02
Aroclor-1268 {4}			11.26				10.16	10.16
Aroclor-1268 {5}			12.34				11.24	11.24

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 06/26/2012

Instrument ID: GC-Y

GC Column (1st): DB-5

Data File: Y5693.D Y5692.D Y5691.D Y5690.D Y5689.D

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1262			7073891				
Aroclor-1262 {2}			13053876				
Aroclor-1262 {3}			3301435				
Aroclor-1262 {4}			4436742				
Aroclor-1262 {5}			3777047				
Aroclor-1268			11864453				
Aroclor-1268 {2}			12465549				
Aroclor-1268 {3}			7914907				
Aroclor-1268 {4}			2259144				
Aroclor-1268 {5}			29144624				

GC Column (2nd): DB-1701P

Data File: Y5693.C Y5692.C Y5691.C Y5690.C Y5689.C

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1262			1362153				
Aroclor-1262 {2}			3461876				
Aroclor-1262 {3}			1183328				
Aroclor-1262 {4}			2333360				
Aroclor-1262 {5}			429177				
Aroclor-1268			3479624				
Aroclor-1268 {2}			3499079				
Aroclor-1268 {3}			2918320				
Aroclor-1268 {4}			824937				
Aroclor-1268 {5}			9305585				

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-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 WI NDOW 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 WINDOW 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 WINDOW 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				

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/24/2012 **Instrument ID:** GC-Y

Data File: Y7271.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	1781815	1460685	18.02
Aroclor-1016 {2}	4.11	4.04	4.18	2371736	2190783	7.63
Aroclor-1016 {3}	4.66	4.58	4.72	3125036	2723138	12.86
Aroclor-1016 {4}	5.17	5.09	5.23	1513071	1278828	15.48
Aroclor-1016 {5}	5.56	5.48	5.62	2595618	2181299	15.96
Aroclor-1260	8.33	7.42	9.22	7136339	5988895	16.08
Aroclor-1260 {2}	9.00	8.10	9.90	3358711	2822385	15.97
Aroclor-1260 {3}	9.48	8.57	10.37	8338627	6791092	18.56
Aroclor-1260 {4}	9.96	9.05	10.85	4218754	3679435	12.78
Aroclor-1260 {5}	11.02	10.11	11.91	1651625	1360599	17.62
					Average %D	15.10

Data File: Y7271.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.75	3.89	559998	568539	1.53
Aroclor-1016 {2}	4.39	4.35	4.49	1150027	1097400	4.58
Aroclor-1016 {3}	5.15	5.10	5.24	2577359	2526059	1.99
Aroclor-1016 {4}	5.36	5.31	5.45	1059949	1058539	0.13
Aroclor-1016 {5}	5.53	5.49	5.63	886286	832296	6.09
Aroclor-1260	7.89	7.03	8.83	912187	923174	1.20
Aroclor-1260 {2}	8.14	7.28	9.08	1363790	1341730	1.62
Aroclor-1260 {3}	9.73	8.88	10.68	1129299	1148934	1.74
Aroclor-1260 {4}	10.24	9.38	11.18	2316162	2484457	7.27
Aroclor-1260 {5}	10.83	9.97	11.77	1679657	1855622	10.48
					Average %D	3.66

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/24/2012 **Instrument ID:** GC-Y

Data File: Y7286.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	1781815	1502826	15.66
Aroclor-1016 {2}	4.11	4.04	4.18	2371736	1996750	15.81
Aroclor-1016 {3}	4.66	4.58	4.72	3125036	2808090	10.14
Aroclor-1016 {4}	5.17	5.09	5.23	1513071	1338633	11.53
Aroclor-1016 {5}	5.56	5.48	5.62	2595618	2272984	12.43
Aroclor-1260	8.33	7.42	9.22	7136339	6618502	7.26
Aroclor-1260 {2}	9.00	8.10	9.90	3358711	2880829	14.23
Aroclor-1260 {3}	9.48	8.57	10.37	8338627	7197511	13.68
Aroclor-1260 {4}	9.96	9.05	10.85	4218754	3637764	13.77
Aroclor-1260 {5}	11.02	10.11	11.91	1651625	1600467	3.10
					Average %D	11.76

Data File: Y7286.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.80	3.75	3.89	559998	565428	0.97
Aroclor-1016 {2}	4.39	4.35	4.49	1150027	1090816	5.15
Aroclor-1016 {3}	5.15	5.10	5.24	2577359	2519368	2.25
Aroclor-1016 {4}	5.36	5.31	5.45	1059949	1056920	0.29
Aroclor-1016 {5}	5.53	5.49	5.63	886286	833165	5.99
Aroclor-1260	7.89	7.03	8.83	912187	946082	3.72
Aroclor-1260 {2}	8.14	7.28	9.08	1363790	1378623	1.09
Aroclor-1260 {3}	9.74	8.88	10.68	1129299	1206119	6.80
Aroclor-1260 {4}	10.24	9.38	11.18	2316162	2595500	12.06
Aroclor-1260 {5}	10.83	9.97	11.77	1679657	1880373	11.95
					Average %D	5.03

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/24/2012 **Instrument ID:** GC-Y

Data File: Y7287.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	1781815	1509550	15.28
Aroclor-1016 {2}	4.11	4.04	4.18	2371736	1996463	15.82
Aroclor-1016 {3}	4.66	4.58	4.72	3125036	2830165	9.44
Aroclor-1016 {4}	5.17	5.09	5.23	1513071	1337006	11.64
Aroclor-1016 {5}	5.56	5.48	5.62	2595618	2293476	11.64
Aroclor-1260	8.33	7.42	9.22	7136339	6706836	6.02
Aroclor-1260 {2}	9.00	8.10	9.90	3358711	2878857	14.29
Aroclor-1260 {3}	9.48	8.57	10.37	8338627	7340510	11.97
Aroclor-1260 {4}	9.96	9.05	10.85	4218754	3695349	12.41
Aroclor-1260 {5}	11.02	10.11	11.91	1651625	1361984	17.54
					Average %D	12.60

Data File: Y7287.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.80	3.75	3.89	559998	565557	0.99
Aroclor-1016 {2}	4.39	4.35	4.49	1150027	1092790	4.98
Aroclor-1016 {3}	5.15	5.10	5.24	2577359	2526889	1.96
Aroclor-1016 {4}	5.36	5.31	5.45	1059949	1056744	0.30
Aroclor-1016 {5}	5.53	5.49	5.63	886286	836152	5.66
Aroclor-1260	7.89	7.03	8.83	912187	956515	4.86
Aroclor-1260 {2}	8.15	7.28	9.08	1363790	1394783	2.27
Aroclor-1260 {3}	9.74	8.88	10.68	1129299	1217894	7.85
Aroclor-1260 {4}	10.24	9.38	11.18	2316162	2582571	11.50
Aroclor-1260 {5}	10.83	9.97	11.77	1679657	1817451	8.20
					Average %D	4.86

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/24/2012 **Instrument ID:** GC-Y

Data File: Y7312.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	1781815	1517300	14.85
Aroclor-1016 {2}	4.11	4.04	4.18	2371736	2287561	3.55
Aroclor-1016 {3}	4.67	4.58	4.72	3125036	2847798	8.87
Aroclor-1016 {4}	5.17	5.09	5.23	1513071	1351094	10.71
Aroclor-1016 {5}	5.56	5.48	5.62	2595618	2301379	11.34
Aroclor-1260	8.34	7.42	9.22	7136339	6795853	4.77
Aroclor-1260 {2}	9.00	8.10	9.90	3358711	2916301	13.17
Aroclor-1260 {3}	9.48	8.57	10.37	8338627	7743501	7.14
Aroclor-1260 {4}	9.96	9.05	10.85	4218754	3825508	9.32
Aroclor-1260 {5}	11.02	10.11	11.91	1651625	1496041	9.42
					Average %D	9.31

Data File: Y7312.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.80	3.75	3.89	559998	571173	2.00
Aroclor-1016 {2}	4.39	4.35	4.49	1150027	1104427	3.97
Aroclor-1016 {3}	5.15	5.10	5.24	2577359	2547655	1.15
Aroclor-1016 {4}	5.36	5.31	5.45	1059949	1060030	0.01
Aroclor-1016 {5}	5.53	5.49	5.63	886286	839593	5.27
Aroclor-1260	7.89	7.03	8.83	912187	951032	4.26
Aroclor-1260 {2}	8.14	7.28	9.08	1363790	1390275	1.94
Aroclor-1260 {3}	9.74	8.88	10.68	1129299	1219448	7.98
Aroclor-1260 {4}	10.24	9.38	11.18	2316162	2649882	14.41
Aroclor-1260 {5}	10.83	9.97	11.77	1679657	1936667	15.30
					Average %D	5.63

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/25/2012 **Instrument ID:** GC-Y

Data File: Y7351.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	1781815	1473314	17.31
Aroclor-1016 {2}	4.11	4.04	4.18	2371736	1996163	15.84
Aroclor-1016 {3}	4.66	4.58	4.72	3125036	2773999	11.23
Aroclor-1016 {4}	5.17	5.09	5.23	1513071	1327943	12.24
Aroclor-1016 {5}	5.56	5.48	5.62	2595618	2241242	13.65
Aroclor-1260	8.33	7.42	9.22	7136339	6669446	6.54
Aroclor-1260 {2}	9.00	8.10	9.90	3358711	2793959	16.81
Aroclor-1260 {3}	9.48	8.57	10.37	8338627	7577650	9.13
Aroclor-1260 {4}	9.96	9.05	10.85	4218754	3773958	10.54
Aroclor-1260 {5}	11.02	10.11	11.91	1651625	1444932	12.51
					Average %D	12.58

Data File: Y7351.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.75	3.89	559998	543776	2.90
Aroclor-1016 {2}	4.39	4.35	4.49	1150027	1083626	5.77
Aroclor-1016 {3}	5.14	5.10	5.24	2577359	2523500	2.09
Aroclor-1016 {4}	5.35	5.31	5.45	1059949	1061129	0.11
Aroclor-1016 {5}	5.53	5.49	5.63	886286	830973	6.24
Aroclor-1260	7.89	7.03	8.83	912187	951740	4.34
Aroclor-1260 {2}	8.14	7.28	9.08	1363790	1389653	1.90
Aroclor-1260 {3}	9.73	8.88	10.68	1129299	1227013	8.65
Aroclor-1260 {4}	10.24	9.38	11.18	2316162	2524482	8.99
Aroclor-1260 {5}	10.83	9.97	11.77	1679657	1801315	7.24
					Average %D	4.82

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/25/2012 **Instrument ID:** GC-Y

Data File: Y7357.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	1781815	1506482	15.45
Aroclor-1016 {2}	4.11	4.04	4.18	2371736	2038927	14.03
Aroclor-1016 {3}	4.66	4.58	4.72	3125036	2834492	9.30
Aroclor-1016 {4}	5.17	5.09	5.23	1513071	1347066	10.97
Aroclor-1016 {5}	5.56	5.48	5.62	2595618	2276275	12.30
Aroclor-1260	8.33	7.42	9.22	7136339	6790029	4.85
Aroclor-1260 {2}	9.00	8.10	9.90	3358711	2872543	14.47
Aroclor-1260 {3}	9.48	8.57	10.37	8338627	7673778	7.97
Aroclor-1260 {4}	9.96	9.05	10.85	4218754	3841902	8.93
Aroclor-1260 {5}	11.02	10.11	11.91	1651625	1515058	8.27
					Average %D	10.66

Data File: Y7357.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.75	3.89	559998	548561	2.04
Aroclor-1016 {2}	4.39	4.35	4.49	1150027	1090834	5.15
Aroclor-1016 {3}	5.14	5.10	5.24	2577359	2528776	1.88
Aroclor-1016 {4}	5.35	5.31	5.45	1059949	1067942	0.75
Aroclor-1016 {5}	5.53	5.49	5.63	886286	834170	5.88
Aroclor-1260	7.89	7.03	8.83	912187	953623	4.54
Aroclor-1260 {2}	8.14	7.28	9.08	1363790	1393498	2.18
Aroclor-1260 {3}	9.73	8.88	10.68	1129299	1252369	10.90
Aroclor-1260 {4}	10.24	9.38	11.18	2316162	2621079	13.16
Aroclor-1260 {5}	10.83	9.97	11.77	1679657	1856331	10.52
					Average %D	5.70

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/25/2012 **Instrument ID:** GC-Y

Data File: Y7410.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	1781815	1613602	9.44
Aroclor-1016 {2}	4.11	4.04	4.18	2371736	2140606	9.75
Aroclor-1016 {3}	4.66	4.58	4.72	3125036	2978831	4.68
Aroclor-1016 {4}	5.17	5.09	5.23	1513071	1427884	5.63
Aroclor-1016 {5}	5.56	5.48	5.62	2595618	2406717	7.28
Aroclor-1260	8.33	7.42	9.22	7136339	6918197	3.06
Aroclor-1260 {2}	9.00	8.10	9.90	3358711	2927858	12.83
Aroclor-1260 {3}	9.48	8.57	10.37	8338627	7880097	5.50
Aroclor-1260 {4}	9.96	9.05	10.85	4218754	3935095	6.72
Aroclor-1260 {5}	11.02	10.11	11.91	1651625	1577550	4.48
					Average %D	6.94

Data File: Y7410.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.75	3.89	559998	582225	3.97
Aroclor-1016 {2}	4.39	4.35	4.49	1150027	1163253	1.15
Aroclor-1016 {3}	5.14	5.10	5.24	2577359	2675040	3.79
Aroclor-1016 {4}	5.35	5.31	5.45	1059949	1120294	5.69
Aroclor-1016 {5}	5.53	5.49	5.63	886286	879109	0.81
Aroclor-1260	7.89	7.03	8.83	912187	1001792	9.82
Aroclor-1260 {2}	8.14	7.28	9.08	1363790	1461707	7.18
Aroclor-1260 {3}	9.73	8.88	10.68	1129299	1154163	2.20
Aroclor-1260 {4}	10.24	9.38	11.18	2316162	2569324	10.93
Aroclor-1260 {5}	10.83	9.97	11.77	1679657	1762721	4.95
					Average %D	5.05

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/26/2012 **Instrument ID:** GC-Y

Data File: Y7423.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	1781815	1561541	12.36
Aroclor-1016 {2}	4.11	4.04	4.18	2371736	2038137	14.07
Aroclor-1016 {3}	4.66	4.58	4.72	3125036	2842497	9.04
Aroclor-1016 {4}	5.17	5.09	5.23	1513071	1337871	11.58
Aroclor-1016 {5}	5.56	5.48	5.62	2595618	2261382	12.88
Aroclor-1260	8.33	7.42	9.22	7136339	6094477	14.60
Aroclor-1260 {2}	9.00	8.10	9.90	3358711	2964222	11.75
Aroclor-1260 {3}	9.48	8.57	10.37	8338627	6872317	17.58
Aroclor-1260 {4}	9.96	9.05	10.85	4218754	3671028	12.98
Aroclor-1260 {5}	11.02	10.11	11.91	1651625	1560365	5.53
					Average %D	12.24

Data File: Y7423.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.75	3.89	559998	551281	1.56
Aroclor-1016 {2}	4.39	4.35	4.49	1150027	1119217	2.68
Aroclor-1016 {3}	5.14	5.10	5.24	2577359	2590668	0.52
Aroclor-1016 {4}	5.35	5.31	5.45	1059949	1069245	0.88
Aroclor-1016 {5}	5.53	5.49	5.63	886286	844415	4.72
Aroclor-1260	7.89	7.03	8.83	912187	916156	0.44
Aroclor-1260 {2}	8.14	7.28	9.08	1363790	1325583	2.80
Aroclor-1260 {3}	9.73	8.88	10.68	1129299	1153884	2.18
Aroclor-1260 {4}	10.24	9.38	11.18	2316162	2519752	8.79
Aroclor-1260 {5}	10.83	9.97	11.77	1679657	1975399	17.61
					Average %D	4.22

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/27/2012 **Instrument ID:** GC-Y

Data File: Y7494.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	1714774	4.37
Aroclor-1016 {2}	4.11	4.04	4.18	2274432	2333476	2.60
Aroclor-1016 {3}	4.66	4.59	4.73	3100344	3224302	4.00
Aroclor-1016 {4}	5.17	5.10	5.24	1496150	1551944	3.73
Aroclor-1016 {5}	5.56	5.49	5.63	2485801	2589149	4.16
Aroclor-1260	8.33	7.43	9.23	7263492	7853448	8.12
Aroclor-1260 {2}	9.00	8.11	9.91	3168969	3304314	4.27
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	9031106	9.43
Aroclor-1260 {4}	9.96	9.06	10.86	4132782	4419898	6.95
Aroclor-1260 {5}	11.02	10.12	11.92	1683008	1932482	14.82
					Average %D	6.25

Data File: Y7494.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	628244	1.93
Aroclor-1016 {2}	4.39	4.32	4.46	1272837	1242025	2.42
Aroclor-1016 {3}	5.14	5.07	5.21	2901089	2866685	1.19
Aroclor-1016 {4}	5.35	5.28	5.42	1246404	1213295	2.66
Aroclor-1016 {5}	5.52	5.45	5.59	971379	951017	2.10
Aroclor-1260	7.89	6.99	8.79	1075405	1087621	1.14
Aroclor-1260 {2}	8.14	7.24	9.04	1584623	1596253	0.73
Aroclor-1260 {3}	9.73	8.83	10.63	1324822	1401097	5.76
Aroclor-1260 {4}	10.24	9.34	11.14	2885884	3082583	6.82
Aroclor-1260 {5}	10.83	9.93	11.73	2032527	2246269	10.52
					Average %D	3.52

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/28/2012 **Instrument ID:** GC-Y

Data File: Y7519.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	1712810	4.26
Aroclor-1016 {2}	4.11	4.04	4.18	2274432	2329291	2.41
Aroclor-1016 {3}	4.66	4.59	4.73	3100344	3232189	4.25
Aroclor-1016 {4}	5.17	5.10	5.24	1496150	1561960	4.40
Aroclor-1016 {5}	5.56	5.49	5.63	2485801	2597916	4.51
Aroclor-1260	8.33	7.43	9.23	7263492	7671040	5.61
Aroclor-1260 {2}	9.00	8.11	9.91	3168969	3208204	1.24
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	8732433	5.81
Aroclor-1260 {4}	9.96	9.06	10.86	4132782	4320777	4.55
Aroclor-1260 {5}	11.02	10.12	11.92	1683008	1939283	15.23
					Average %D	5.23

Data File: Y7519.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	647465	1.07
Aroclor-1016 {2}	4.39	4.32	4.46	1272837	1282132	0.73
Aroclor-1016 {3}	5.14	5.07	5.21	2901089	2959944	2.03
Aroclor-1016 {4}	5.35	5.28	5.42	1246404	1249951	0.28
Aroclor-1016 {5}	5.52	5.45	5.59	971379	980022	0.89
Aroclor-1260	7.89	6.99	8.79	1075405	1099562	2.25
Aroclor-1260 {2}	8.14	7.24	9.04	1584623	1589610	0.31
Aroclor-1260 {3}	9.73	8.83	10.63	1324822	1398452	5.56
Aroclor-1260 {4}	10.23	9.34	11.14	2885884	3084286	6.87
Aroclor-1260 {5}	10.82	9.93	11.73	2032527	2260271	11.20
					Average %D	3.12

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/28/2012 **Instrument ID:** GC-Y

Data File: Y7520.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	1756345	6.91
Aroclor-1016 {2}	4.11	4.04	4.18	2274432	2379567	4.62
Aroclor-1016 {3}	4.66	4.59	4.73	3100344	3295319	6.29
Aroclor-1016 {4}	5.17	5.10	5.24	1496150	1578057	5.47
Aroclor-1016 {5}	5.56	5.49	5.63	2485801	2650968	6.64
Aroclor-1260	8.33	7.43	9.23	7263492	7909297	8.89
Aroclor-1260 {2}	9.00	8.11	9.91	3168969	3279107	3.48
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	8785172	6.45
Aroclor-1260 {4}	9.96	9.06	10.86	4132782	4114495	0.44
Aroclor-1260 {5}	11.02	10.12	11.92	1683008	1910803	13.54
					Average %D	6.27

Data File: Y7520.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	656412	2.47
Aroclor-1016 {2}	4.39	4.32	4.46	1272837	1303896	2.44
Aroclor-1016 {3}	5.14	5.07	5.21	2901089	3008172	3.69
Aroclor-1016 {4}	5.35	5.28	5.42	1246404	1272498	2.09
Aroclor-1016 {5}	5.52	5.45	5.59	971379	996446	2.58
Aroclor-1260	7.89	6.99	8.79	1075405	1128084	4.90
Aroclor-1260 {2}	8.14	7.24	9.04	1584623	1654968	4.44
Aroclor-1260 {3}	9.73	8.83	10.63	1324822	1449264	9.39
Aroclor-1260 {4}	10.23	9.34	11.14	2885884	3173004	9.95
Aroclor-1260 {5}	10.82	9.93	11.73	2032527	2326213	14.45
					Average %D	5.64

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/28/2012 **Instrument ID:** GC-Y

Data File: Y7545.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	1747694	6.38
Aroclor-1016 {2}	4.11	4.04	4.18	2274432	2360149	3.77
Aroclor-1016 {3}	4.66	4.59	4.73	3100344	3280264	5.80
Aroclor-1016 {4}	5.17	5.10	5.24	1496150	1574110	5.21
Aroclor-1016 {5}	5.56	5.49	5.63	2485801	2626235	5.65
Aroclor-1260	8.33	7.43	9.23	7263492	7516866	3.49
Aroclor-1260 {2}	9.00	8.11	9.91	3168969	3133137	1.13
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	8484991	2.81
Aroclor-1260 {4}	9.96	9.06	10.86	4132782	4201191	1.66
Aroclor-1260 {5}	11.02	10.12	11.92	1683008	1632399	3.01
					Average %D	3.89

Data File: Y7545.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	643542	0.46
Aroclor-1016 {2}	4.39	4.32	4.46	1272837	1276743	0.31
Aroclor-1016 {3}	5.14	5.07	5.21	2901089	2954910	1.86
Aroclor-1016 {4}	5.35	5.28	5.42	1246404	1237746	0.69
Aroclor-1016 {5}	5.52	5.45	5.59	971379	972465	0.11
Aroclor-1260	7.88	6.99	8.79	1075405	1083858	0.79
Aroclor-1260 {2}	8.14	7.24	9.04	1584623	1575670	0.57
Aroclor-1260 {3}	9.73	8.83	10.63	1324822	1359978	2.65
Aroclor-1260 {4}	10.23	9.34	11.14	2885884	2902334	0.57
Aroclor-1260 {5}	10.82	9.93	11.73	2032527	2090032	2.83
					Average %D	1.08

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/28/2012 **Instrument ID:** GC-Y

Data File: Y7546.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	1798406	9.47
Aroclor-1016 {2}	4.11	4.04	4.18	2274432	2396829	5.38
Aroclor-1016 {3}	4.66	4.59	4.73	3100344	3380106	9.02
Aroclor-1016 {4}	5.17	5.10	5.24	1496150	1621921	8.41
Aroclor-1016 {5}	5.56	5.49	5.63	2485801	2721491	9.48
Aroclor-1260	8.33	7.43	9.23	7263492	7945959	9.40
Aroclor-1260 {2}	9.00	8.11	9.91	3168969	3116657	1.65
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	9078540	10.01
Aroclor-1260 {4}	9.96	9.06	10.86	4132782	4521578	9.41
Aroclor-1260 {5}	11.01	10.12	11.92	1683008	1652682	1.80
					Average %D	7.40

Data File: Y7546.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	660661	3.13
Aroclor-1016 {2}	4.39	4.32	4.46	1272837	1305963	2.60
Aroclor-1016 {3}	5.14	5.07	5.21	2901089	3031773	4.50
Aroclor-1016 {4}	5.35	5.28	5.42	1246404	1263588	1.38
Aroclor-1016 {5}	5.52	5.45	5.59	971379	1001704	3.12
Aroclor-1260	7.88	6.99	8.79	1075405	1128668	4.95
Aroclor-1260 {2}	8.14	7.24	9.04	1584623	1648907	4.06
Aroclor-1260 {3}	9.73	8.83	10.63	1324822	1440887	8.76
Aroclor-1260 {4}	10.23	9.34	11.14	2885884	3149539	9.14
Aroclor-1260 {5}	10.82	9.93	11.73	2032527	2318175	14.05
					Average %D	5.57

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/28/2012 **Instrument ID:** GC-Y

Data File: Y7554.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	1782197	8.48
Aroclor-1016 {2}	4.11	4.04	4.18	2274432	2455855	7.98
Aroclor-1016 {3}	4.66	4.59	4.73	3100344	3365539	8.55
Aroclor-1016 {4}	5.17	5.10	5.24	1496150	1606888	7.40
Aroclor-1016 {5}	5.56	5.49	5.63	2485801	2694526	8.40
Aroclor-1260	8.33	7.43	9.23	7263492	8071183	11.12
Aroclor-1260 {2}	9.00	8.11	9.91	3168969	3461234	9.22
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	9125517	10.58
Aroclor-1260 {4}	9.96	9.06	10.86	4132782	4385273	6.11
Aroclor-1260 {5}	11.02	10.12	11.92	1683008	1828215	8.63
					Average %D	8.65

Data File: Y7554.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	658190	2.75
Aroclor-1016 {2}	4.39	4.32	4.46	1272837	1302766	2.35
Aroclor-1016 {3}	5.14	5.07	5.21	2901089	3019722	4.09
Aroclor-1016 {4}	5.35	5.28	5.42	1246404	1281875	2.85
Aroclor-1016 {5}	5.52	5.45	5.59	971379	1000589	3.01
Aroclor-1260	7.88	6.99	8.79	1075405	1136638	5.69
Aroclor-1260 {2}	8.14	7.24	9.04	1584623	1663032	4.95
Aroclor-1260 {3}	9.73	8.83	10.63	1324822	1460327	10.23
Aroclor-1260 {4}	10.23	9.34	11.14	2885884	3178183	10.13
Aroclor-1260 {5}	10.82	9.93	11.73	2032527	2326822	14.48
					Average %D	6.05

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/29/2012 **Instrument ID:** GC-Y

Data File: Y7581.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	1802422	9.71
Aroclor-1016 {2}	4.11	4.04	4.18	2274432	2449300	7.69
Aroclor-1016 {3}	4.66	4.59	4.73	3100344	3336284	7.61
Aroclor-1016 {4}	5.16	5.10	5.24	1496150	1697908	13.49
Aroclor-1016 {5}	5.56	5.49	5.63	2485801	2629485	5.78
Aroclor-1260	8.33	7.43	9.23	7263492	7495941	3.20
Aroclor-1260 {2}	9.00	8.11	9.91	3168969	3089332	2.51
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	8033127	2.66
Aroclor-1260 {4}	9.96	9.06	10.86	4132782	3654261	11.58
Aroclor-1260 {5}	11.02	10.12	11.92	1683008	1495323	11.15
					Average %D	7.54

Data File: Y7581.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.80	3.72	3.86	640595	610600	4.68
Aroclor-1016 {2}	4.40	4.32	4.46	1272837	1187193	6.73
Aroclor-1016 {3}	5.15	5.07	5.21	2901089	2736054	5.69
Aroclor-1016 {4}	5.36	5.28	5.42	1246404	1157184	7.16
Aroclor-1016 {5}	5.53	5.45	5.59	971379	904255	6.91
Aroclor-1260	7.89	6.99	8.79	1075405	981829	8.70
Aroclor-1260 {2}	8.15	7.24	9.04	1584623	1369160	13.60
Aroclor-1260 {3}	9.74	8.83	10.63	1324822	1222613	7.71
Aroclor-1260 {4}	10.24	9.34	11.14	2885884	2551204	11.60
Aroclor-1260 {5}	10.83	9.93	11.73	2032527	1791854	11.84
					Average %D	8.46

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/29/2012 **Instrument ID:** GC-Y

Data File: Y7590.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	1707247	3.92
Aroclor-1016 {2}	4.11	4.04	4.18	2274432	2303360	1.27
Aroclor-1016 {3}	4.66	4.59	4.73	3100344	3176246	2.45
Aroclor-1016 {4}	5.17	5.10	5.24	1496150	1525304	1.95
Aroclor-1016 {5}	5.56	5.49	5.63	2485801	2517717	1.28
Aroclor-1260	8.34	7.43	9.23	7263492	7298178	0.48
Aroclor-1260 {2}	9.01	8.11	9.91	3168969	3194009	0.79
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	8067191	2.25
Aroclor-1260 {4}	9.96	9.06	10.86	4132782	4036565	2.33
Aroclor-1260 {5}	11.02	10.12	11.92	1683008	1879729	11.69
					Average %D	2.84

Data File: Y7590.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	587126	8.35
Aroclor-1016 {2}	4.39	4.32	4.46	1272837	1159612	8.90
Aroclor-1016 {3}	5.14	5.07	5.21	2901089	2677307	7.71
Aroclor-1016 {4}	5.35	5.28	5.42	1246404	1136394	8.83
Aroclor-1016 {5}	5.52	5.45	5.59	971379	884557	8.94
Aroclor-1260	7.89	6.99	8.79	1075405	1002971	6.74
Aroclor-1260 {2}	8.14	7.24	9.04	1584623	1465974	7.49
Aroclor-1260 {3}	9.73	8.83	10.63	1324822	1273373	3.88
Aroclor-1260 {4}	10.23	9.34	11.14	2885884	2746510	4.83
Aroclor-1260 {5}	10.82	9.93	11.73	2032527	2051202	0.92
					Average %D	6.66

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** 2.91 **DCB 2** 12.51

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKS120723-02	07/24/2012	09:23	2.82		12.11		2.91		12.51	
V-27(2.0-3	07117-060	07/24/2012	09:40	2.82		12.11		2.91		12.51	
V-27(3.0-4	07117-061	07/24/2012	09:57	2.82		12.10		2.91		12.51	
V-23_(2.0-	06968-002	07/24/2012	10:31	2.82		12.11		2.91		12.51	
V-23_(4.0-	06968-003	07/24/2012	10:49	2.82		12.12		2.91		12.51	
U-23_(2.0-	06968-005	07/24/2012	11:23	2.82		12.11		2.91		12.51	
U-23_(4.0-	06968-006	07/24/2012	11:40	2.82		12.11		2.91		12.51	
T-23_(0-2.	06968-007	07/24/2012	11:58	2.83		12.11		2.92		12.51	
T-23_(4.0-	06968-009	07/24/2012	12:32	2.82		12.10		2.91		12.51	
S-23_(0-2.	06968-010	07/24/2012	12:49	2.83		12.11		2.92		12.51	
S-23_(2.0-	06968-011	07/24/2012	13:07	2.83		12.10		2.92		12.51	
S-23_(4.0-	06968-012	07/24/2012	13:24	2.82		12.11		2.91		12.51	
R-22_(0-2.	06968-013	07/24/2012	13:41	2.83		12.11		2.92		12.51	
R-22_(4.0-	06968-015	07/24/2012	14:15	2.82		12.11		2.91		12.51	
S-22_(0-2.	06968-016	07/24/2012	14:33	D		D		D		D	
S-22_(4.0-	06968-018	07/24/2012	15:07	2.82		12.11		2.91		12.51	
PCB	06968-018MS	07/24/2012	15:24	2.82		12.11		2.91		12.51	
PCB	06968-018MSD	07/24/2012	15:42	2.82		12.11		2.91		12.51	
PCB	LCSS120723-02	07/24/2012	15:59	2.82		12.11		2.91		12.51	
U-23_(0-2.	06968-004	07/25/2012	05:00	2.82		12.10		2.91		12.51	
R-22_(2.0-	06968-014	07/25/2012	05:34	2.82		12.10		2.91		12.51	
T-23_(2.0-	06968-008	07/25/2012	23:51	D		D		D		D	
S-22_(2.0-	06968-017	07/26/2012	00:08	D		D		D		D	

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** 12.10 **TCMX 2** 2.92 **DCB 2** 12.51

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKA120719-17	07/24/2012	04:30	2.83		12.10		2.92		12.51	
FB-11	06968-052	07/24/2012	04:48	2.82		12.10		2.92		12.51	
TRE-V12-18	07090-001	07/24/2012	05:05	2.84		12.11		2.94		12.51	
TRE-V12-18	07090-002	07/24/2012	05:22	2.84		12.11		2.93		12.52	
FB-12	07021-041	07/24/2012	05:39	2.83		12.11		2.92		12.51	
MW-2R	07047-001	07/24/2012	05:56	2.83		12.10		2.92		12.51	
MW-3	07047-002	07/24/2012	06:13	2.83		12.11		2.92		12.51	
FB	07047-004	07/24/2012	06:48	2.82		12.10		2.92		12.51	
FB-14	07117-058	07/24/2012	07:05	2.83		12.10		2.93		12.51	
FB-13	07070-059	07/24/2012	07:22	2.82		12.10		2.92		12.51	
PCB	07047-001MS	07/24/2012	07:39	2.83		12.10		2.92		12.51	
PCB	07047-001MSD	07/24/2012	07:57	2.83		12.11		2.92		12.51	
PCB	LCSA120719-17	07/24/2012	08:14	2.82		12.10		2.91		12.51	
MW-15	07047-003	07/25/2012	04:43	2.82		12.11		2.91		12.51	

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** 12.11 **TCMX 2** 2.91 **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	BLKS120723-05	07/27/2012	19:22	2.82		12.11		2.91		12.50	
T-22_(0-2.	06968-019	07/27/2012	19:39	2.82		12.10		2.91		12.50	
T-22_(2.0-	06968-020	07/27/2012	19:56	2.82		12.10		2.91		12.50	
T-22_(4.0-	06968-021	07/27/2012	20:14	2.82		12.10		2.91		12.50	
U-22_(0-2.	06968-022	07/27/2012	20:31	2.82		12.10		2.91		12.50	
U-22_(2.0-	06968-023	07/27/2012	20:48	2.82		12.10		2.91		12.50	
U-22_(4.0-	06968-024	07/27/2012	21:05	2.82		12.10		2.91		12.50	
V-22_(0-2.	06968-025	07/27/2012	21:22	2.82		12.10		2.91		12.50	
V-22_(2.0-	06968-026	07/27/2012	21:40	2.82		12.10		2.91		12.50	
V-22_(4.0-	06968-027	07/27/2012	21:57	2.82		12.10		2.91		12.50	
V-21_(0-2.	06968-028	07/27/2012	22:14	2.82		12.10		2.91		12.50	
V-21_(2.0-	06968-029	07/27/2012	22:31	2.82		12.11		2.91		12.50	
V-21_(4.0-	06968-030	07/27/2012	22:48	2.82		12.10		2.91		12.50	
U-21_(0-2.	06968-031	07/27/2012	23:06	D		D		D		D	
U-21_(2.0-	06968-032	07/27/2012	23:23	2.82		12.10		2.91		12.50	
U-21_(4.0-	06968-033	07/27/2012	23:40	2.82		12.10		2.91		12.50	
T-21_(0-2.	06968-034	07/27/2012	23:57	2.82		12.10		2.91		12.50	
T-21_(2.0-	06968-035	07/28/2012	00:14	2.82		12.10		2.91		12.50	
T-21_(4.0-	06968-036	07/28/2012	00:32	2.82		12.11		2.91		12.50	
S-21_(0-2.	06968-037	07/28/2012	00:49	2.82		12.10		2.91		12.50	
S-21_(2.0-	06968-038	07/28/2012	01:06	2.82		12.10		2.91		12.50	
PCB	06968-026MS	07/28/2012	01:23	2.82		12.10		2.91		12.50	
PCB	06968-026MSD	07/28/2012	01:40	2.82		12.10		2.91		12.50	
PCB	LCSS120723-05	07/28/2012	01:57	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** **12.50**

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKS120723-02	07/28/2012	10:51	2.82		12.10		2.91		12.50	
V-23_(0-2.	06968-001	07/28/2012	11:08	2.82		12.10		2.91		12.50	
PCB	LCSS120723-02	07/28/2012	11:25	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	12.50

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKS120723-06	07/28/2012	03:07	2.82		12.10		2.91		12.50	
S-21_(4.0-	06968-039	07/28/2012	03:24	2.82		12.10		2.91		12.50	
R-21_(0-2.	06968-040	07/28/2012	03:41	2.82		12.10		2.91		12.50	
R-21_(2.0-	06968-041	07/28/2012	03:58	2.82		12.10		2.91		12.50	
R-21_(4.0-	06968-042	07/28/2012	04:15	2.82		12.10		2.91		12.50	
Q-21_(4.0-	06968-045	07/28/2012	05:07	2.82		12.10		2.91		12.50	
P-20_(0-2.	06968-046	07/28/2012	05:24	2.82		12.10		2.91		12.50	
P-20_(2.0-	06968-047	07/28/2012	05:41	2.82		12.10		2.91		12.50	
P-20_(4.0-	06968-048	07/28/2012	05:58	2.82		12.10		2.91		12.50	
Q-20_(4.0-	06968-051	07/28/2012	06:50	2.82		12.11		2.91		12.50	
SS-1	06984-001	07/28/2012	07:07	2.82		12.10		2.91		12.50	
SS-2	06984-002	07/28/2012	07:24	2.82		12.10		2.91		12.50	
SS-3	06984-003	07/28/2012	07:42	2.82		12.10		2.91		12.50	
SS-4	06984-004	07/28/2012	07:59	2.82		12.10		2.91		12.50	
SS-5	06984-005	07/28/2012	08:16	2.82		12.10		2.92		12.50	
SS-6	06984-006	07/28/2012	08:33	2.82		12.10		2.91		12.50	
SS-7	06984-007	07/28/2012	08:50	2.82		12.10		2.91		12.50	
PCB	06984-007MS	07/28/2012	09:08	2.82		12.10		2.91		12.50	
PCB	06984-007MSD	07/28/2012	09:25	2.82		12.10		2.91		12.50	
PCB	LCSS120723-06	07/28/2012	09:42	2.82		12.10		2.91		12.50	
Q-21_(0-2.	06968-043	07/29/2012	14:05	D		D		D		D	
Q-21_(2.0-	06968-044	07/29/2012	14:22	D		D		D		D	
Q-20_(0-2.	06968-049	07/29/2012	14:40	D		D		D		D	
Q-20_(2.0-	06968-050	07/29/2012	14:57	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 SAMPLE DATA

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\07-27-12\
Data File : Y7548.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 28 Jul 2012 11:08
Operator : YG
Sample : V-23_(0-2.,06968-001,S,5.66g,13.9,07/23/12,4
Misc : 120723-02,07/12/12,07/12/12,1
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 30 14:50:15 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	21932.8E6	8148.0E6	230.700	233.117
Spiked Amount 200.000			Recovery	=	115.35%	116.56%
2) S DCB	12.10	12.50	4812.4E6	1914.7E6	233.517m	222.806m
Spiked Amount 200.000			Recovery	=	116.76%	111.40%
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	4.52	5.14	499.3E6	195.2E6	113.255	122.430
24) L6 Aroclor-1248 {2}	5.05	5.72	407.2E6	502.9E6	168.017	214.676 #
25) L6 Aroclor-1248 {3}	0.00	6.12	0	366.1E6	N.D. d	216.148 #
26) L6 Aroclor-1248 {4}	6.06	6.27	1622.6E6	270.1E6	291.141	185.835 #
27) L6 Aroclor-1248 {5}	6.33	6.62	1393.0E6	152.2E6	334.420	181.322 #
Sum Aroclor-1248			3922.2E6	1486.6E6	906.832	920.411
Average Aroclor-1248					226.708	184.082
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

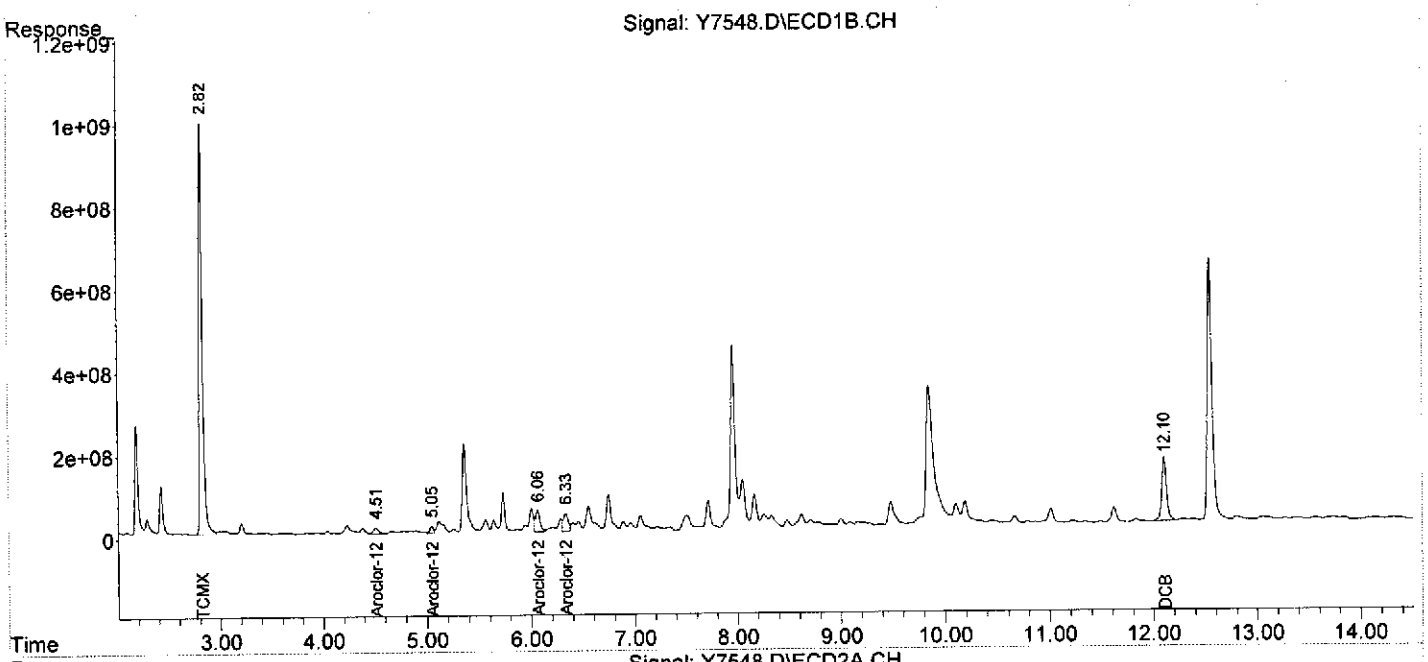
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

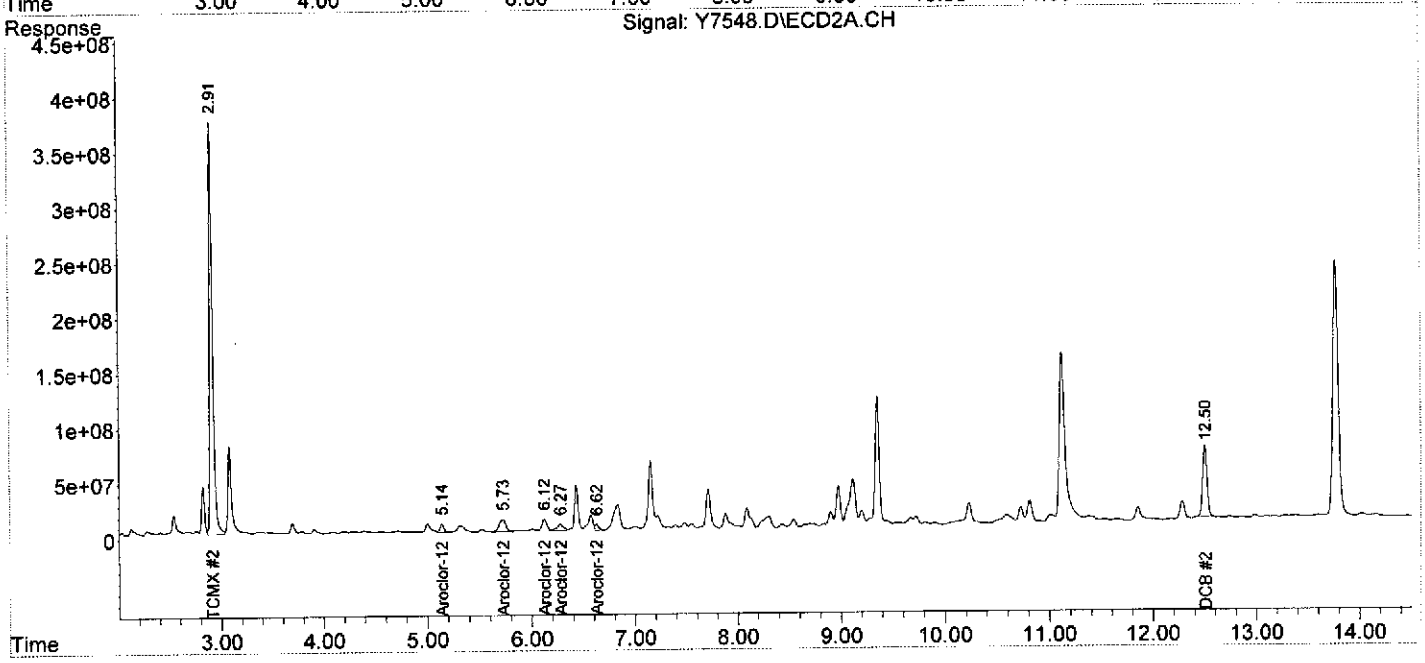
Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\07-27-12\
Data File : Y7548.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 28 Jul 2012 11:08
Operator : YG
Sample : Y-23_(0-2.,06968-001,S,5.66g,13.9,07/23/12,4
Misc : 120723-02,07/12/12,07/12/12,1
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 30 14:50:15 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7292.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 24 Jul 2012 10:31
Operator : YG
Sample : V-23_(2.0-,06968-002,S,5.36g,15.1,07/23/12,4
Misc : 120723-02,07/12/12,07/12/12,1
ALS Vial : 51 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 30 13:49:36 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 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	2.82	2.91	17215.5E6	6594.1E6	181.937	209.797
Spiked Amount 200.000			Recovery	=	90.97%	104.90%
2) S DCB	12.11	12.51	1864.0E6	1913.2E6	95.778m	250.991m#
Spiked Amount 200.000			Recovery	=	47.89%	125.50%
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
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

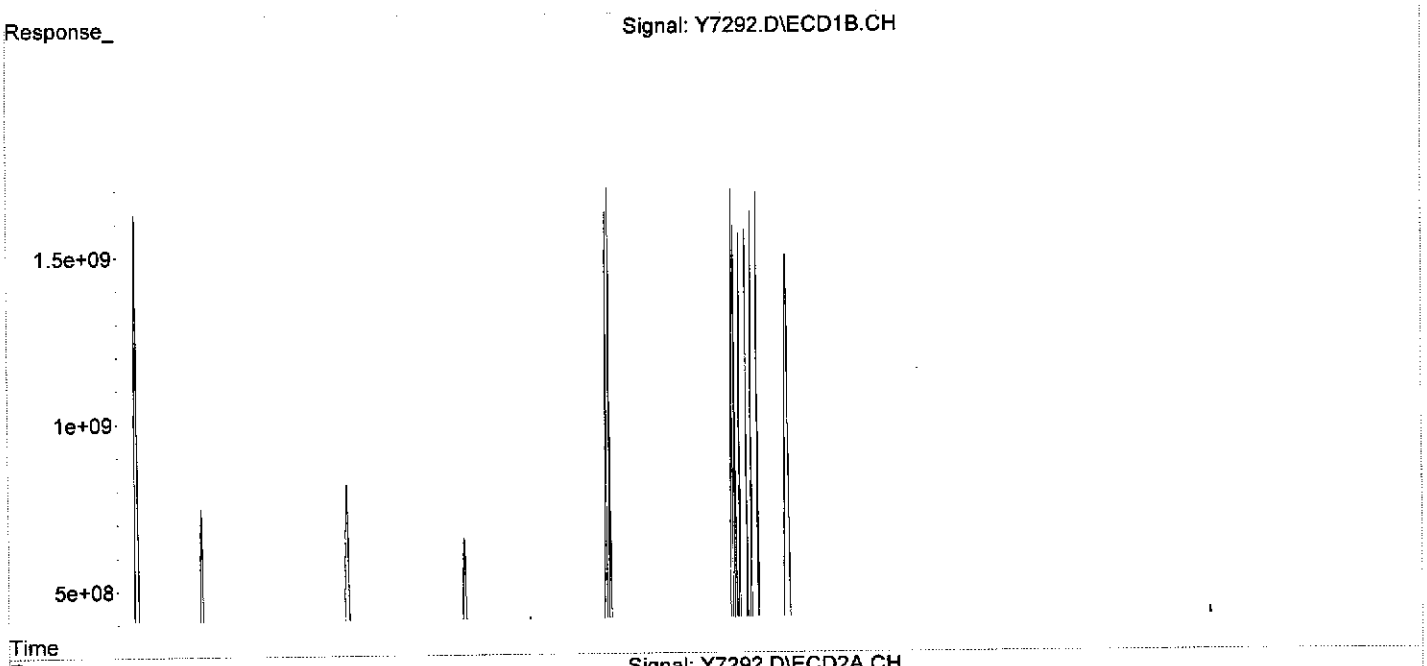
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

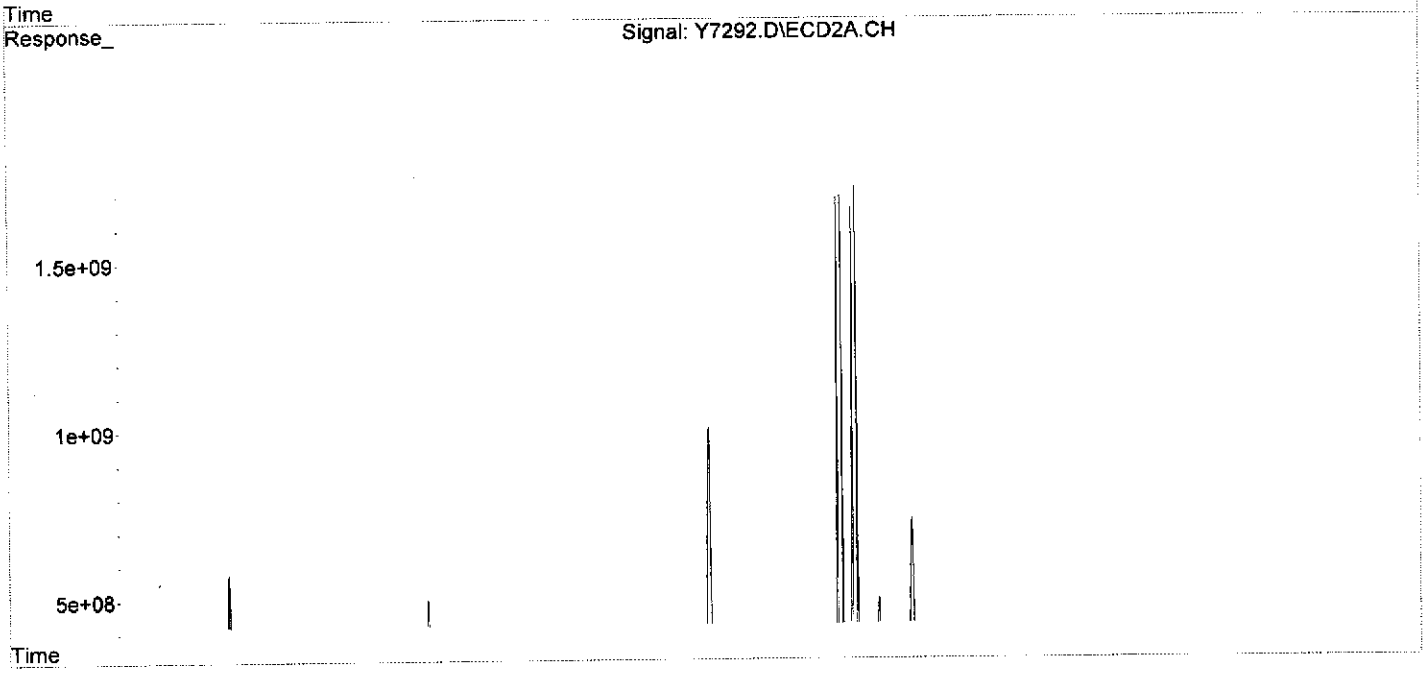
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7292.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 24 Jul 2012 10:31
Operator : YG
Sample : V-23_(2.0-,06968-002,S,5.36g,15.1,07/23/12,4
Misc : 120723-02,07/12/12,07/12/12,1
ALS Vial : 51 Sample Multiplier: 1

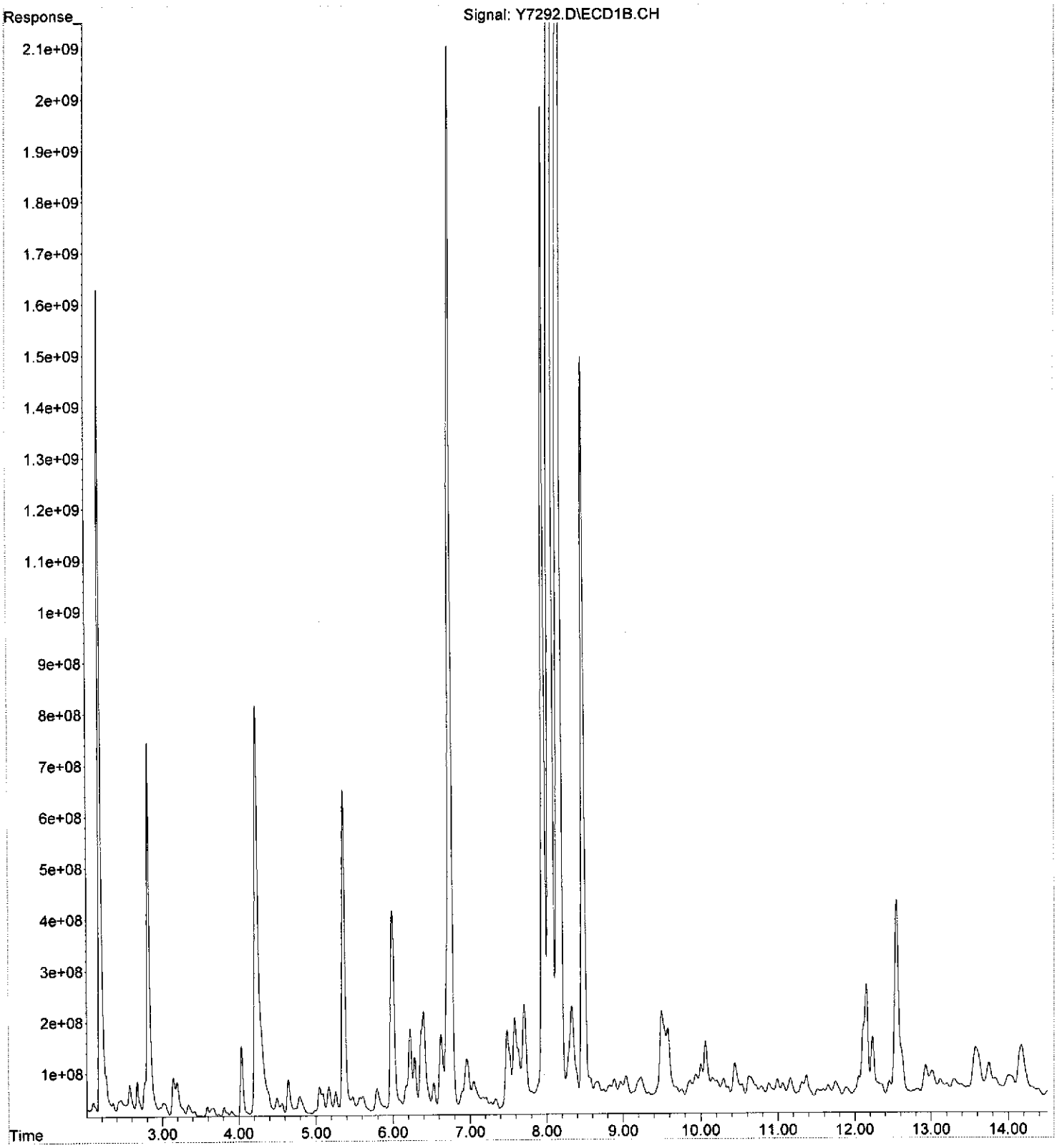
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 30 13:49:36 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

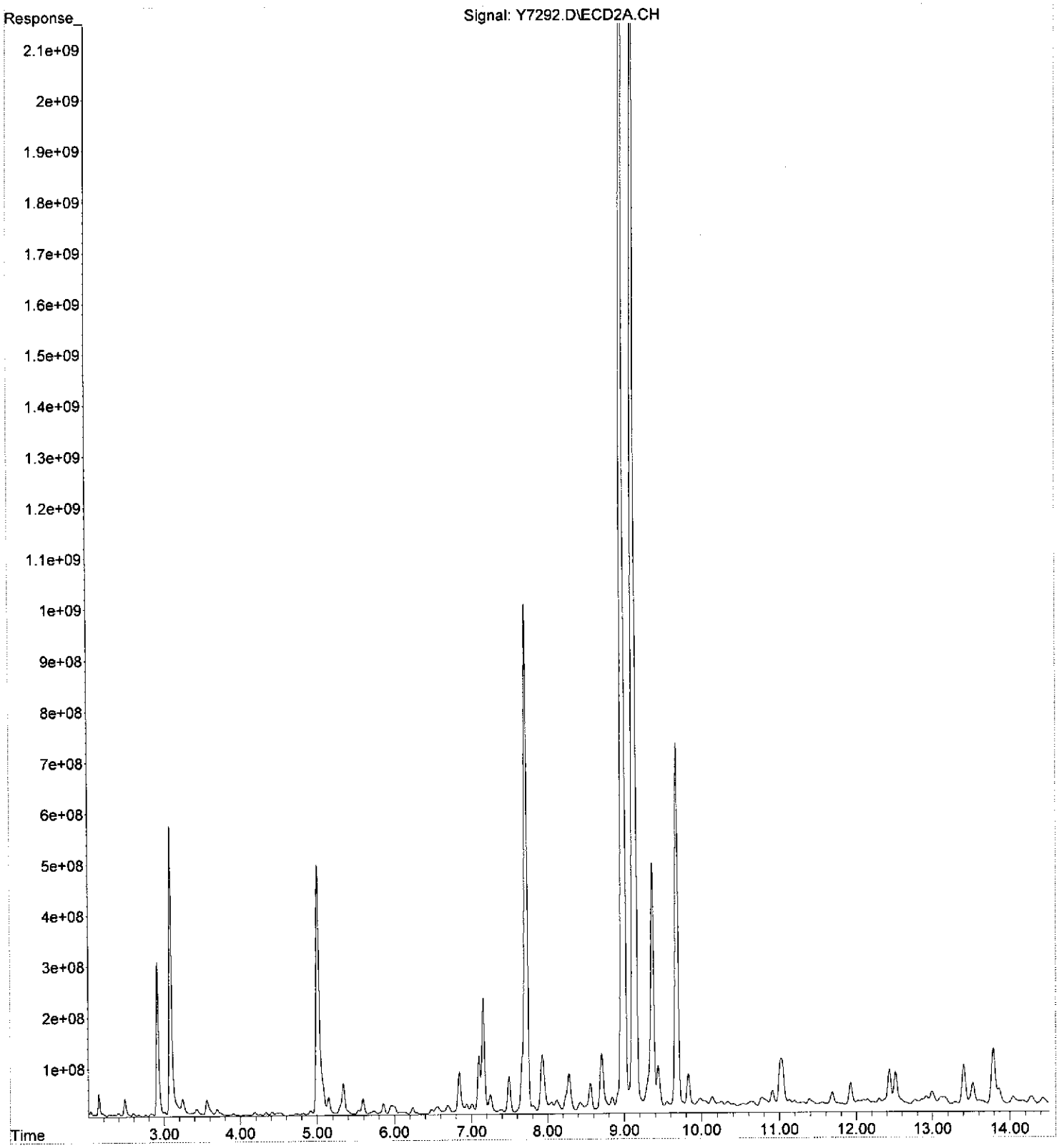




File :C:\MSDChem\1\DATA\07-23-12\Y7292.D
Operator : YG
Acquired : 24 Jul 2012 10:31 using AcqMethod YPCB0626.M
Instrument : GC_Y
Sample Name: V-23_(2.0-,06968-002,S,5.36g,15.1,07/23/12,4
Misc Info : 120723-02,07/12/12,07/12/12,1
Vial Number: 51



File :C:\MSDChem\1\DATA\07-23-12\Y7292.D
Operator : YG
Acquired : 24 Jul 2012 10:31 using AcqMethod YPCB0626.M
Instrument : GC_Y
Sample Name: V-23_(2.0-,06968-002,S,5.36g,15.1,07/23/12,4
Misc Info : 120723-02,07/12/12,07/12/12,1
Vial Number: 51



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7293.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 24 Jul 2012 10:49
Operator : YG
Sample : V-23_(4.0-,06968-003,S,5.42g,21.8,07/23/12,4
Misc : 120723-02,07/12/12,07/12/12,1
ALS Vial : 52 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 30 13:50:15 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 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	2.82	2.91	11819.4E6	6325.8E6	124.911	201.260m#
Spiked Amount 200.000			Recovery	=	62.46%	100.63%
2) S DCB	12.12	12.51	2162.2E6	2269.0E6	111.103m	297.673m#
Spiked Amount 200.000			Recovery	=	55.55%	148.84%
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

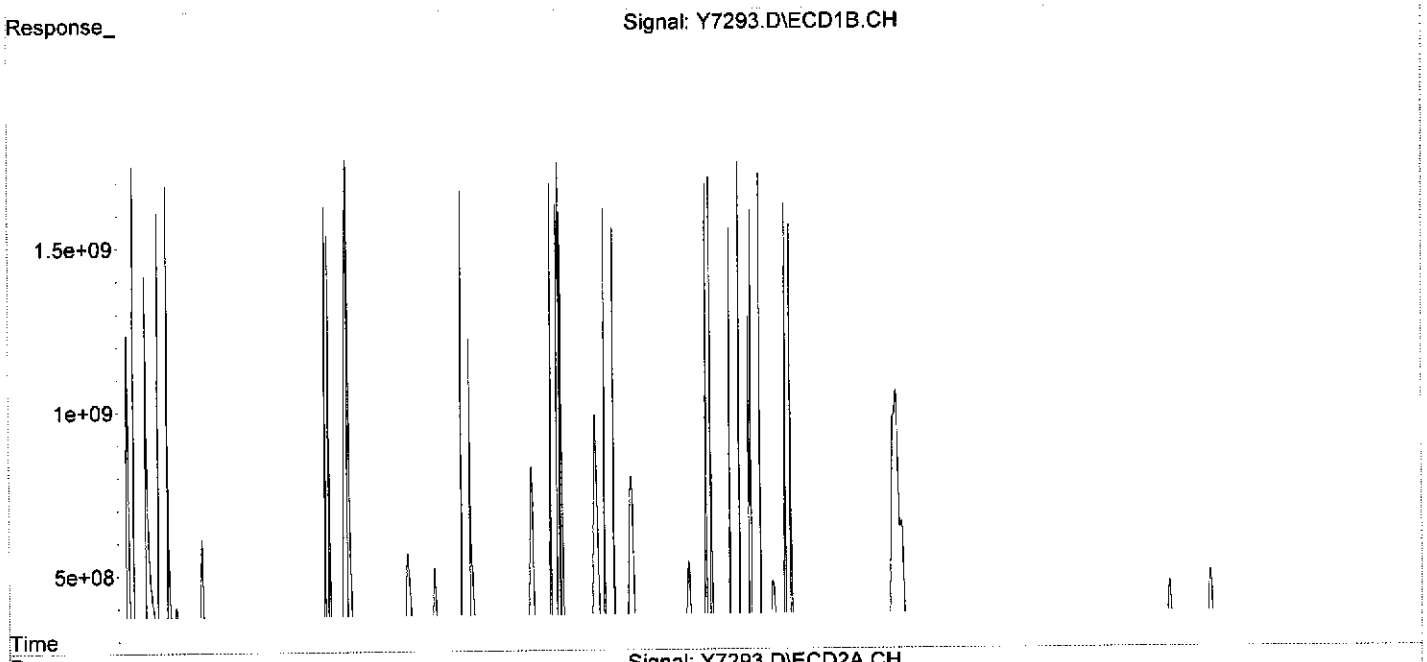
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

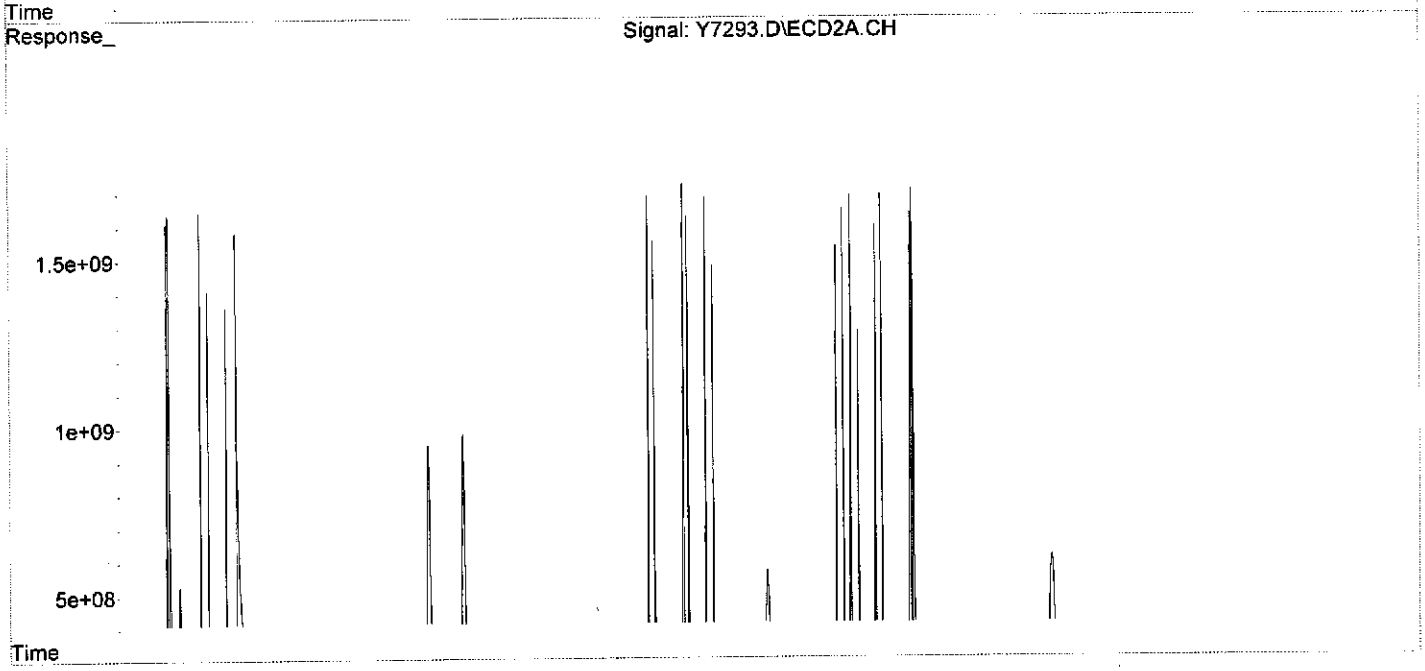
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7293.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 24 Jul 2012 10:49
Operator : YG
Sample : V-23_(4.0-,06968-003,S,5.42g,21.8,07/23/12,4
Misc : 120723-02,07/12/12,07/12/12,1
ALS Vial : 52 Sample Multiplier: 1

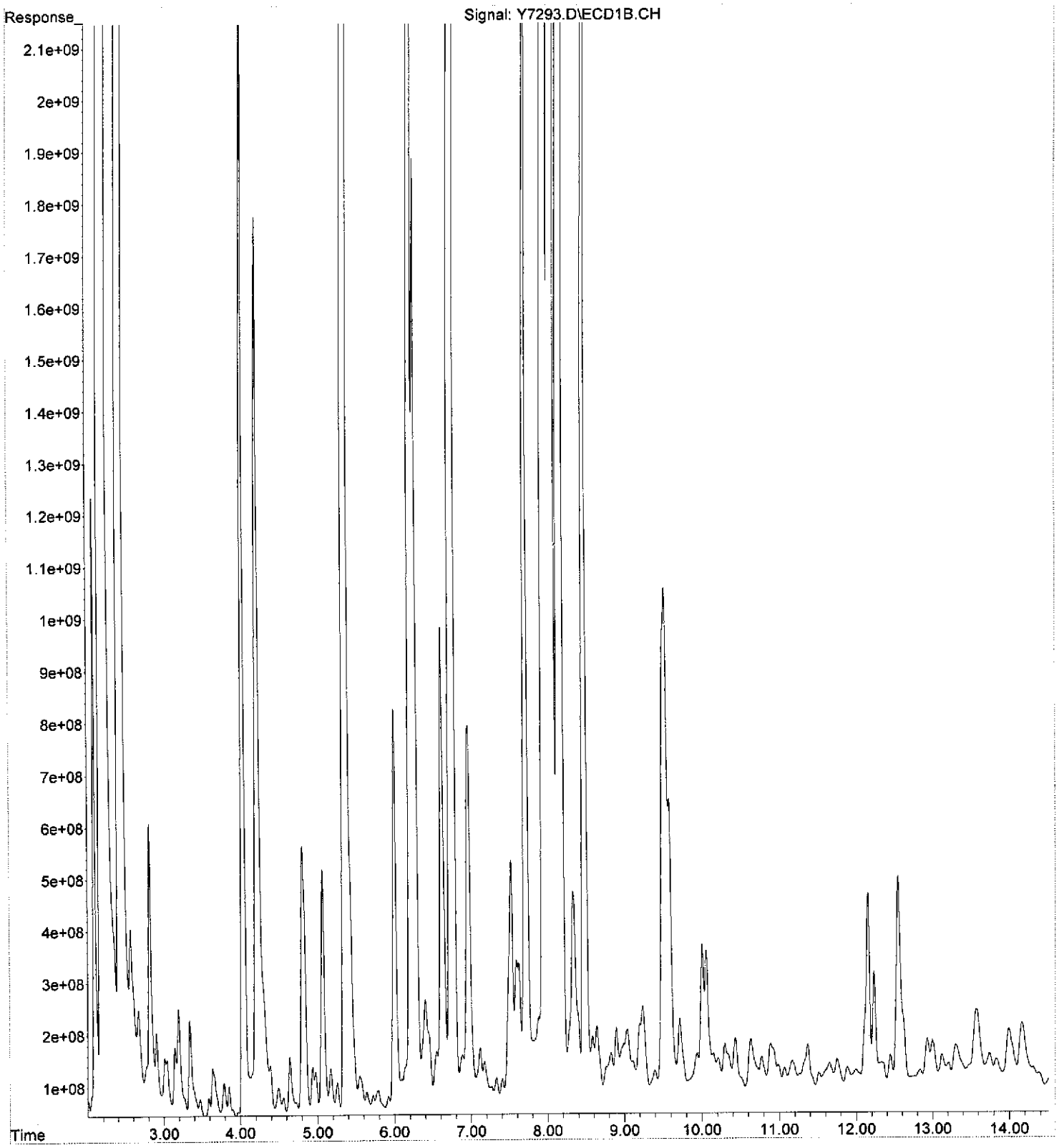
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 30 13:50:15 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

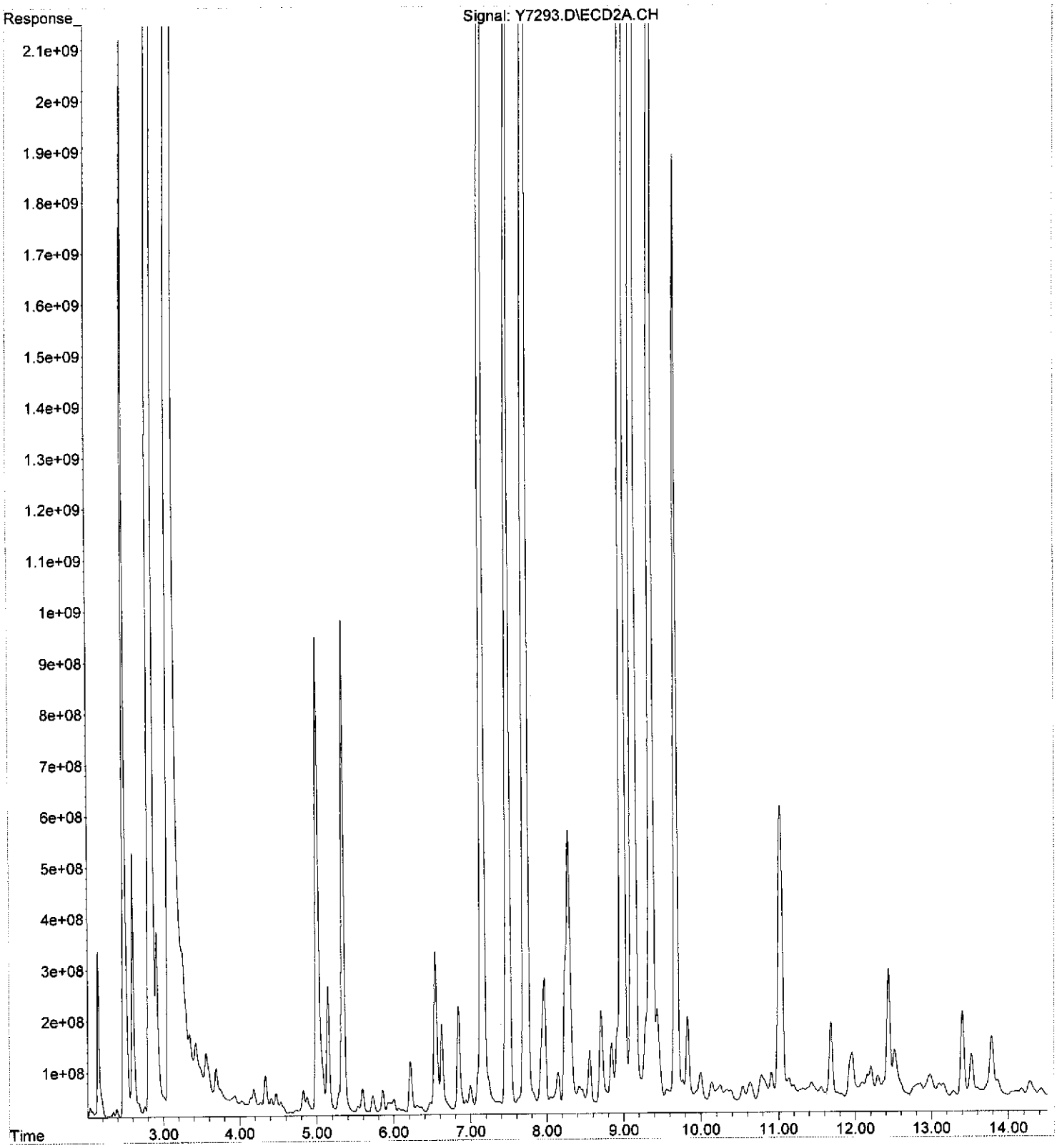




File :C:\MSDChem\1\DATA\07-23-12\Y7293.D
Operator : YG
Acquired : 24 Jul 2012 10:49 using AcqMethod YPCB0626.M
Instrument : GC_Y
Sample Name: V-23_(4.0-,06968-003,S,5.42g,21.8,07/23/12,4
Misc Info : 120723-02,07/12/12,07/12/12,1
Vial Number: 52



File :C:\MSDChem\1\DATA\07-23-12\Y7293.D
Operator : YG
Acquired : 24 Jul 2012 10:49 using AcqMethod YPCB0626.M
Instrument : GC_Y
Sample Name: V-23_(4.0-,06968-003,S,5.42g,21.8,07/23/12,4
Misc Info : 120723-02,07/12/12,07/12/12,1
Vial Number: 52



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-24-12\
Data File : Y7353.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Jul 2012 5:00
Operator : YG
Sample : U-23_(0-2.,06968-004,S,5.89g,13.1,07/23/12,4
Misc : 120723-02,07/12/12,07/12/12,10
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 30 14:19:16 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 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	2.82	2.91	1769.9E6	626.0E6	18.705	19.918
Spiked Amount 200.000			Recovery =		9.35%	9.96%
2) S DCB	12.10	12.51	394.8E6	154.7E6	20.284m	20.290m
Spiked Amount 200.000			Recovery =		10.14%	10.15%
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
23) L6 Aroclor-1248	4.52	5.14	2441.3E6	870.6E6	576.033	660.815
24) L6 Aroclor-1248 {2}	5.05	5.73	904.7E6	941.9E6	374.321	483.322 #
25) L6 Aroclor-1248 {3}	5.37	6.12	1443.4E6	791.2E6	446.031	559.733 #
26) L6 Aroclor-1248 {4}	6.06	6.28	2503.0E6	648.2E6	485.019	537.741
27) L6 Aroclor-1248 {5}	6.33	6.63	2110.0E6	345.7E6	509.054	523.486
Sum Aroclor-1248			9402.3E6	3597.5E6	2390.459	2765.096
Average Aroclor-1248					478.092	553.019
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.33	7.89	565.6E6	416.3E6	79.394	456.855 #
34) L8 Aroclor-1260 {2}	9.00	8.14	168.6E6	224.8E6	50.229	166.092 #
35) L8 Aroclor-1260 {3}	9.48	9.73	650.2E6	159.5E6	79.721	147.600 #
36) L8 Aroclor-1260 {4}	9.96	10.24	178.7E6	240.6E6	42.238	104.029 #
37) L8 Aroclor-1260 {5}	11.01	10.82	524.7E6	265.9E6	328.886	155.623 #
Sum Aroclor-1260			2087.8E6	1307.1E6	580.468	1030.200
Average Aroclor-1260					116.094	206.040
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\07-24-12\
Data File : Y7353.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Jul 2012 5:00
Operator : YG
Sample : U-23_(0-2.,06968-004,S,5.89g,13.1,07/23/12,4
Misc : 120723-02,07/12/12,07/12/12,10
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 30 14:19:16 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 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

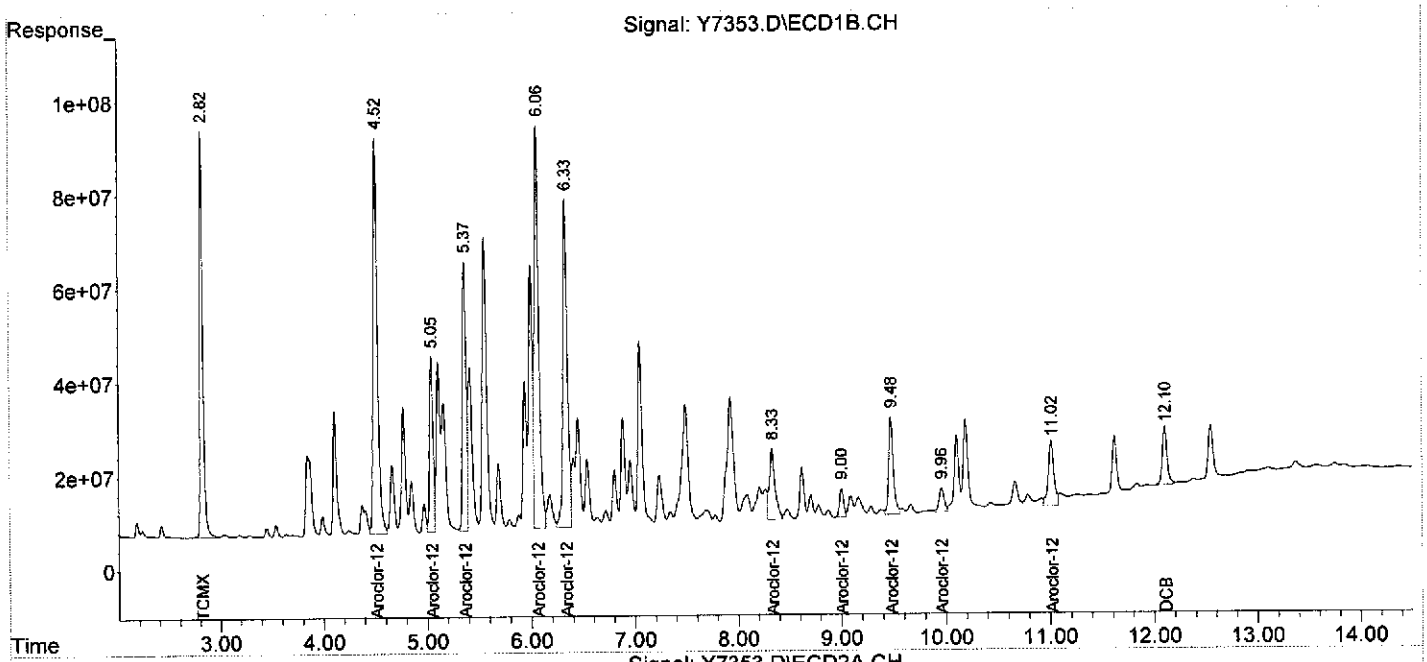
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

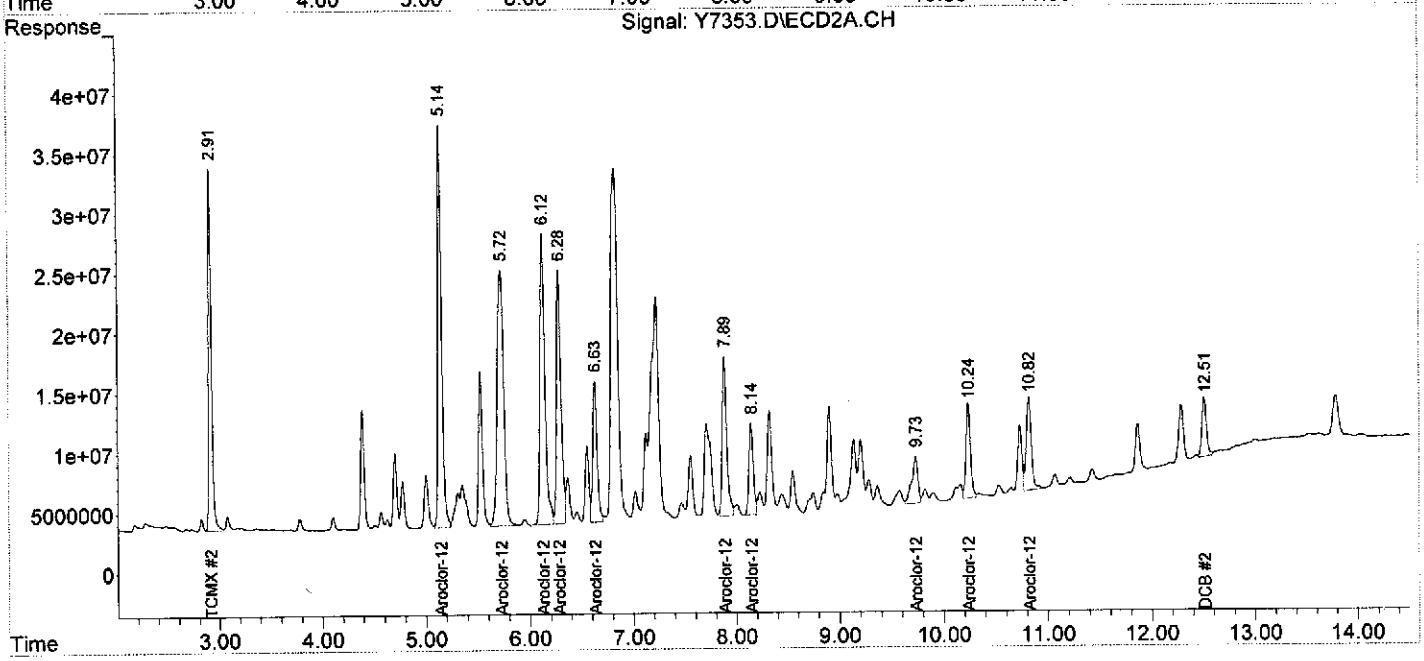
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-24-12\
Data File : Y7353.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Jul 2012 5:00
Operator : YG
Sample : U-23_(0-2.,06968-004,S,5.89g,13.1,07/23/12,4
Misc : 120723-02,07/12/12,07/12/12,10
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 30 14:19:16 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7295.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 24 Jul 2012 11:23
Operator : YG
Sample : U-23_(2.0-,06968-005,S,5.12g,7.10,07/23/12,4
Misc : 120723-02,07/12/12,07/12/12,1
ALS Vial : 54 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 30 13:55:05 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 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		2.82	2.91	18481.4E6	6527.7E6	195.317	207.682
Spiked Amount 200.000				Recovery	=	97.66%	103.84%
2) S DCB		12.11	12.51	3573.9E6	1454.1E6	183.636m	190.763m
Spiked Amount 200.000				Recovery	=	91.82%	95.38%
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
23) L6 Aroclor-1248		4.52	5.15	177.2E6	60496562	41.806	45.919
24) L6 Aroclor-1248	{2}	5.05	5.74	103.1E6	113.9E6	42.668	58.426 #
25) L6 Aroclor-1248	{3}	0.00	6.13	0	74075200	N.D. d	52.407m#
26) L6 Aroclor-1248	{4}	6.06	6.28	285.2E6	45951305	55.258m	38.121m#
27) L6 Aroclor-1248	{5}	6.33	6.63	133.6E6	35449423	32.231m	53.683m#
Sum Aroclor-1248				699.1E6	329.8E6	171.963	248.557
Average Aroclor-1248						42.991	49.711
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

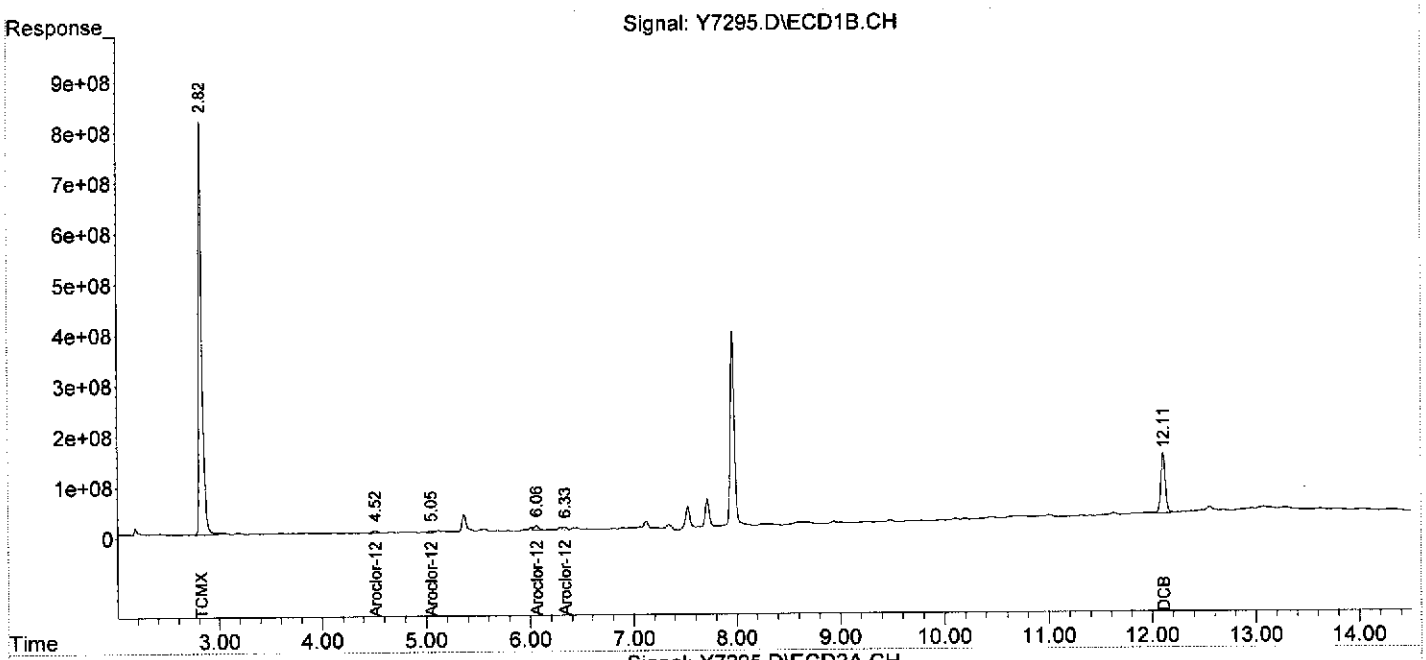
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

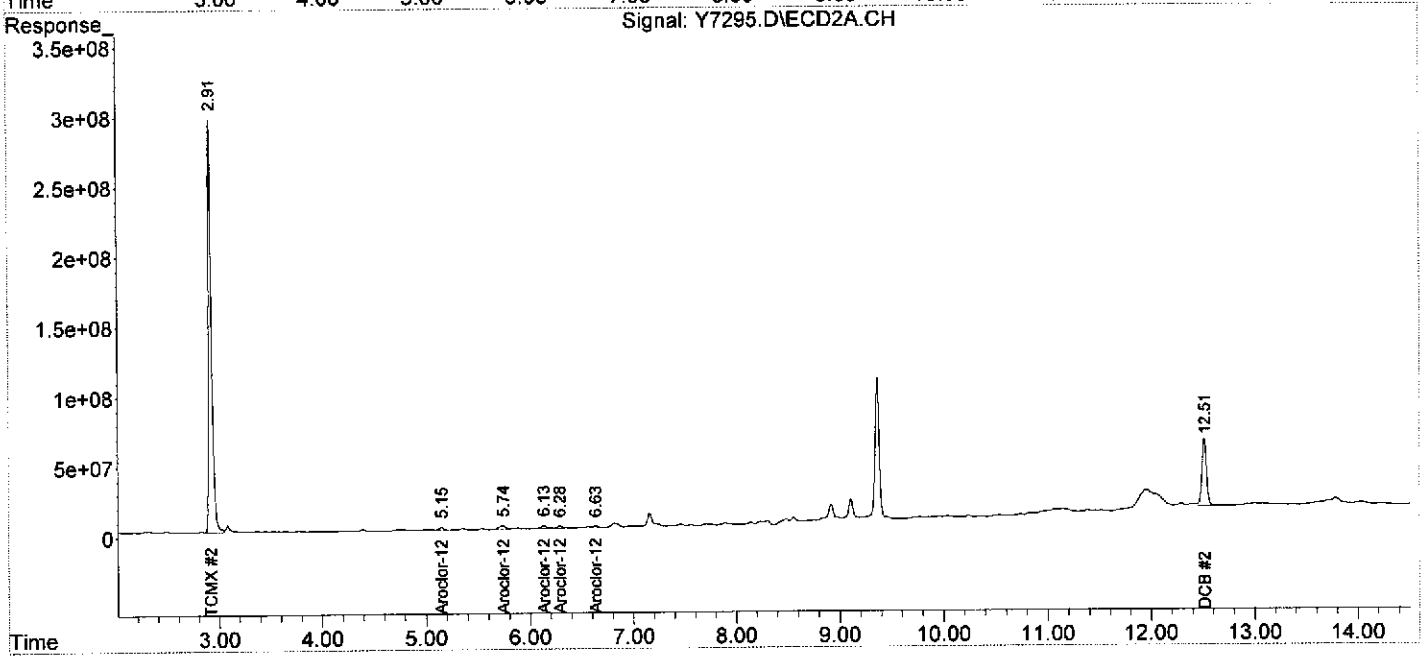
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7295.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 24 Jul 2012 11:23
Operator : YG
Sample : U-23_(2.0-,06968-005,S,5.12g,7.10,07/23/12,4
Misc : 120723-02,07/12/12,07/12/12,1
ALS Vial : 54 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 30 13:55:05 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7296.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 24 Jul 2012 11:40
Operator : YG
Sample : U-23_(4.0-,06968-006,S,5.72g,19.4,07/23/12,4
Misc : 120723-02,07/12/12,07/12/12,1
ALS Vial : 55 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 30 13:55:59 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 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	2.82	2.91	19651.2E6	7211.0E6	207.679	229.423
Spiked Amount 200.000			Recovery	=	103.84%	114.71%
2) S DCB	12.11	12.51	4143.0E6	1642.9E6	212.881m	215.533m
Spiked Amount 200.000			Recovery	=	106.44%	107.77%
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
23) L6 Aroclor-1248	4.51	5.14	235.2E6	85895377	55.494	65.198
24) L6 Aroclor-1248 {2}	5.05	5.73	184.8E6	121.1E6	76.485	62.125
25) L6 Aroclor-1248 {3}	0.00	6.13	0	103.7E6	N.D. d	73.393 #
26) L6 Aroclor-1248 {4}	6.07	6.28	330.8E6	81266291	64.097m	67.419
27) L6 Aroclor-1248 {5}	6.32	6.63	157.5E6	65735445	37.994m	99.546m#
Sum Aroclor-1248			908.3E6	457.7E6	234.070	367.681
Average Aroclor-1248					58.517	73.536
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

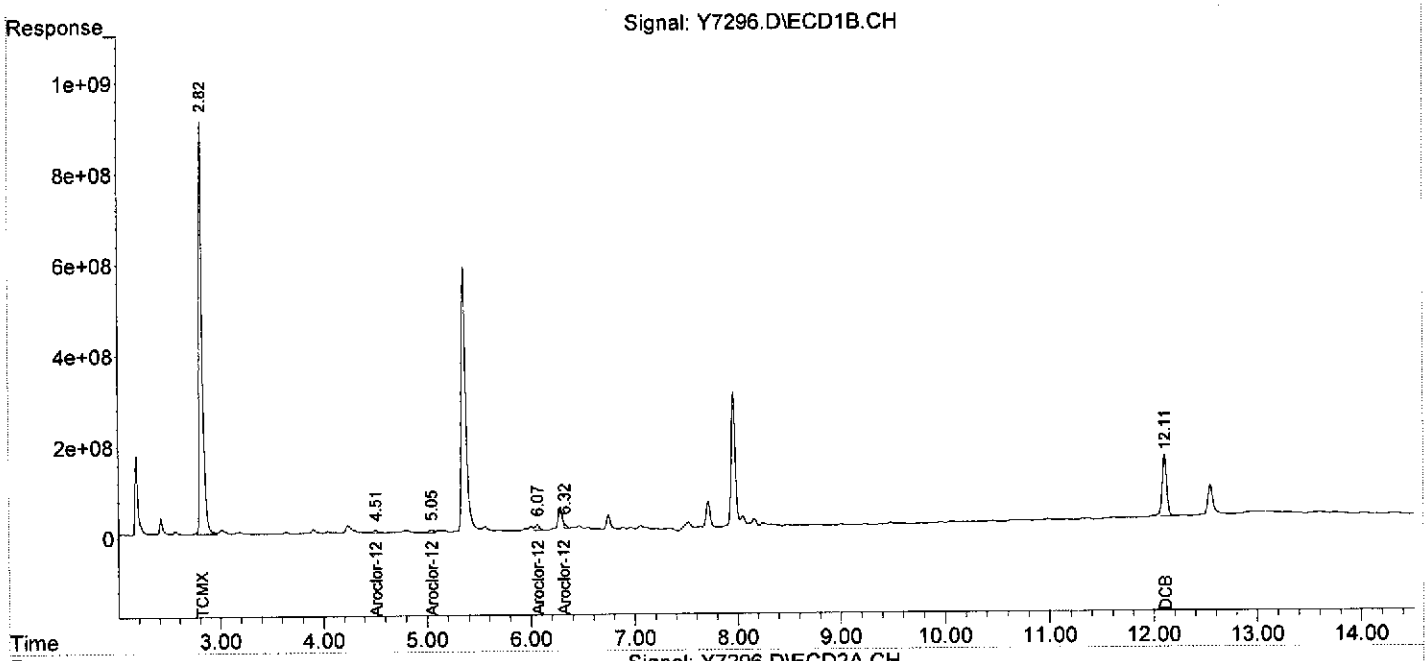
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

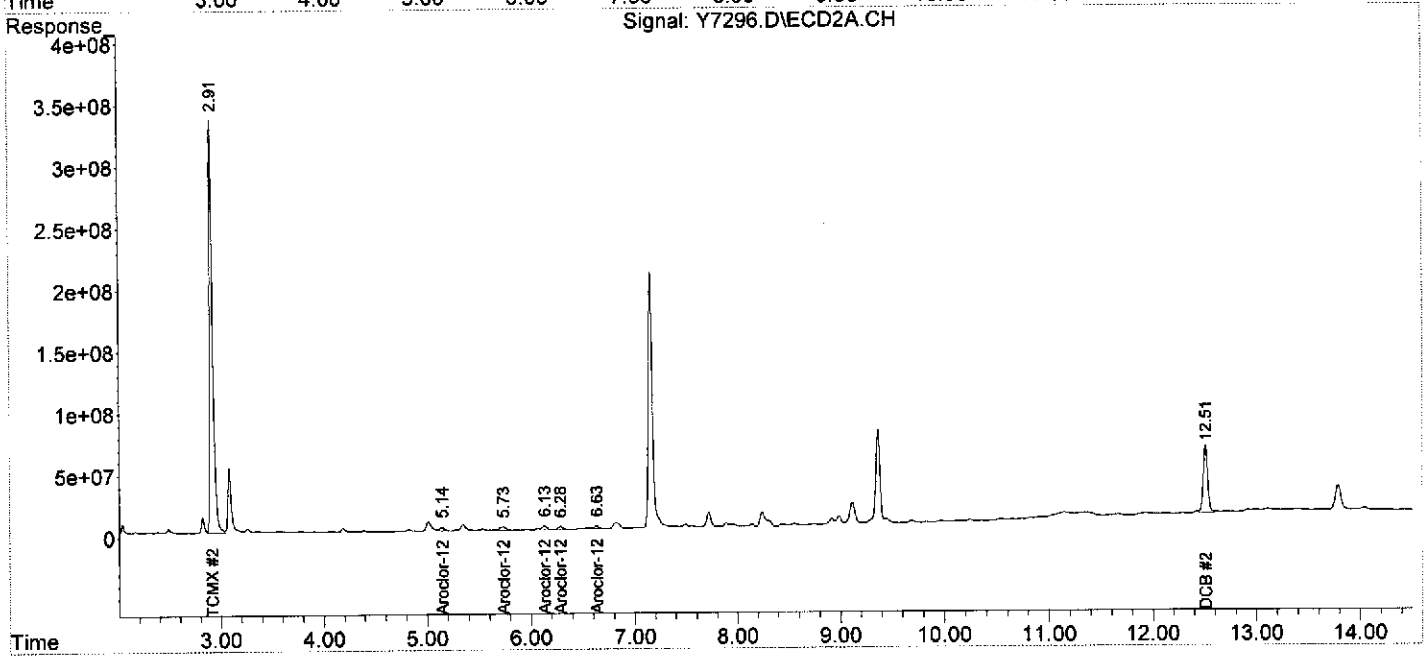
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7296.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 24 Jul 2012 11:40
Operator : YG
Sample : U-23_(4.0-,06968-006,S,5.72g,19.4,07/23/12,4
Misc : 120723-02,07/12/12,07/12/12,1
ALS Vial : 55 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 30 13:55:59 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7297.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 24 Jul 2012 11:58
Operator : YG
Sample : T-23_(0-2.,06968-007,S,5.44g,24.0,07/23/12,4
Misc : 120723-02,07/12/12,07/12/12,10
ALS Vial : 56 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 30 13:57:08 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 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	2.83	2.92	2195.4E6	760.8E6	23.202	24.204
Spiked Amount 200.000			Recovery =		11.60%	12.10%
2) S DCB	12.11	12.51	535.2E6	166.1E6	27.499m	21.788m
Spiked Amount 200.000			Recovery =		13.75%	10.89%
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	5.15	1876.1E6	691.7E6	442.688	525.019
24) L6 Aroclor-1248 {2}	5.05	5.73	467.3E6	816.7E6	193.347	419.077 #
25) L6 Aroclor-1248 {3}	5.37	6.13	839.0E6	541.5E6	259.275	383.093 #
26) L6 Aroclor-1248 {4}	6.07	6.28	1568.6E6	369.5E6	303.944	306.508
27) L6 Aroclor-1248 {5}	6.34	6.63	1042.7E6	201.3E6	251.574	304.795
Sum Aroclor-1248			5793.7E6	2620.6E6	1450.827	1938.491
Average Aroclor-1248					290.165	387.698
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

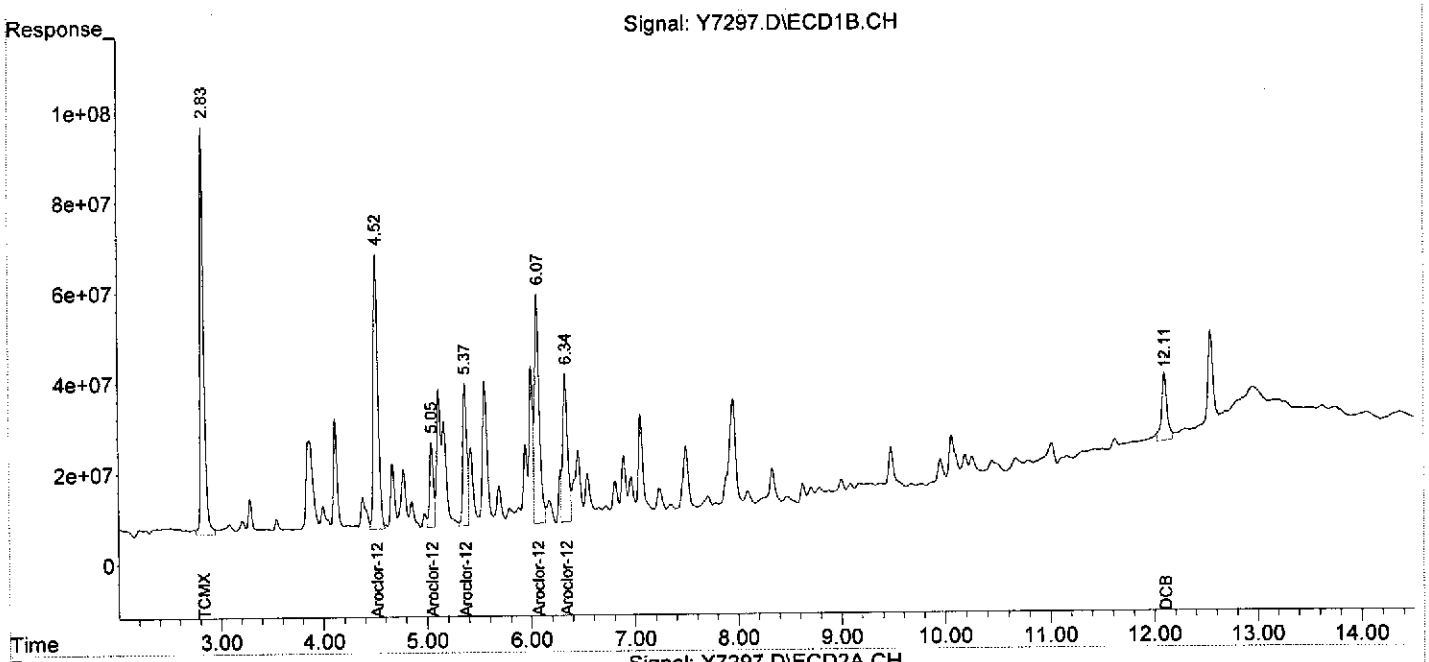
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

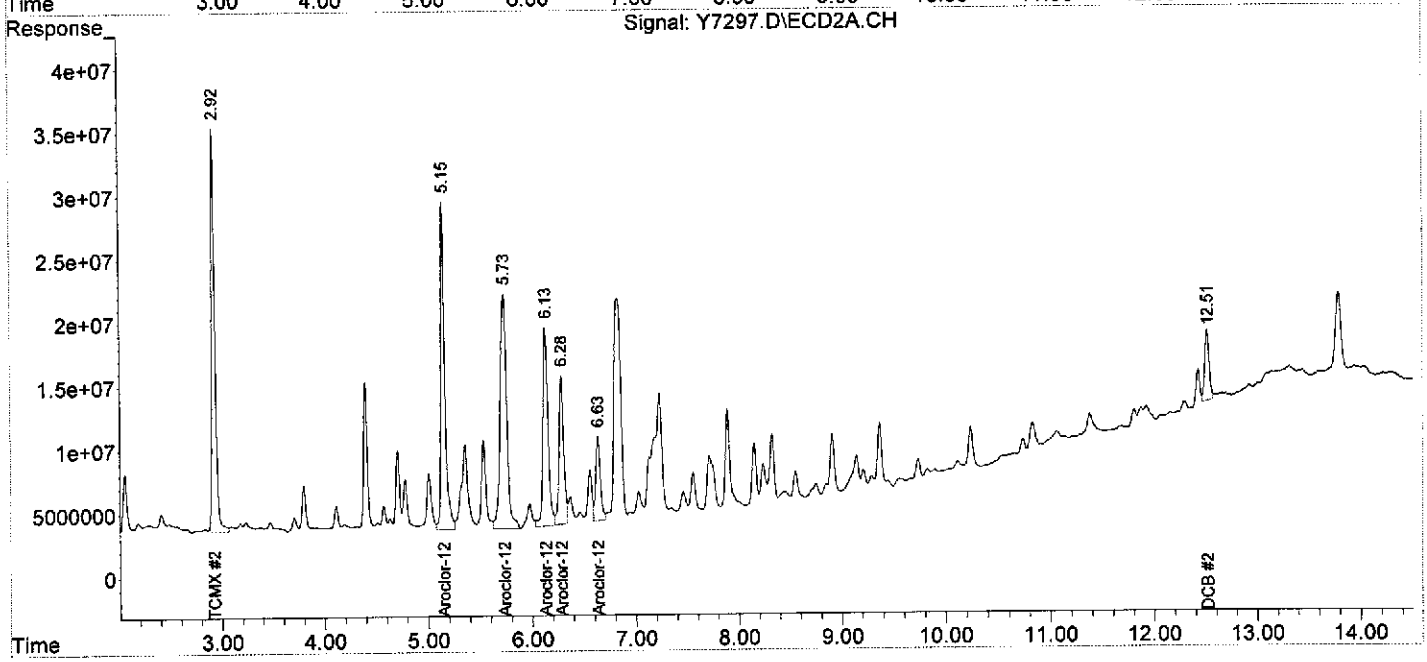
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7297.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 24 Jul 2012 11:58
Operator : YG
Sample : T-23_(0-2.,06968-007,S,5.44g,24.0,07/23/12,4
Misc : 120723-02,07/12/12,07/12/12,10
ALS Vial : 56 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 30 13:57:08 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-25-12\
Data File : Y7414.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Jul 2012 23:51
Operator : YG
Sample : T-23_(2.0-,06968-008,S,5.27g,34.1,07/23/12,4
Misc : 120723-02,07/12/12,07/12/12,100
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 30 14:25:05 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 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						
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	234.3E6	41773396	115.185	102.398
19) L5 Aroclor-1242 {2}	5.05	5.53	148.1E6	74756891	114.423	107.664
20) L5 Aroclor-1242 {3}	5.37	6.13	124.9E6	88022741	66.376	95.355 #
21) L5 Aroclor-1242 {4}	6.06	6.28	115.7E6	74217746	41.240	96.380 #
22) L5 Aroclor-1242 {5}	6.34	6.81	123.8E6	93581812	47.994	63.178 #
Sum Aroclor-1242			746.8E6	372.4E6	385.217	464.975
Average Aroclor-1242					77.043	92.995
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

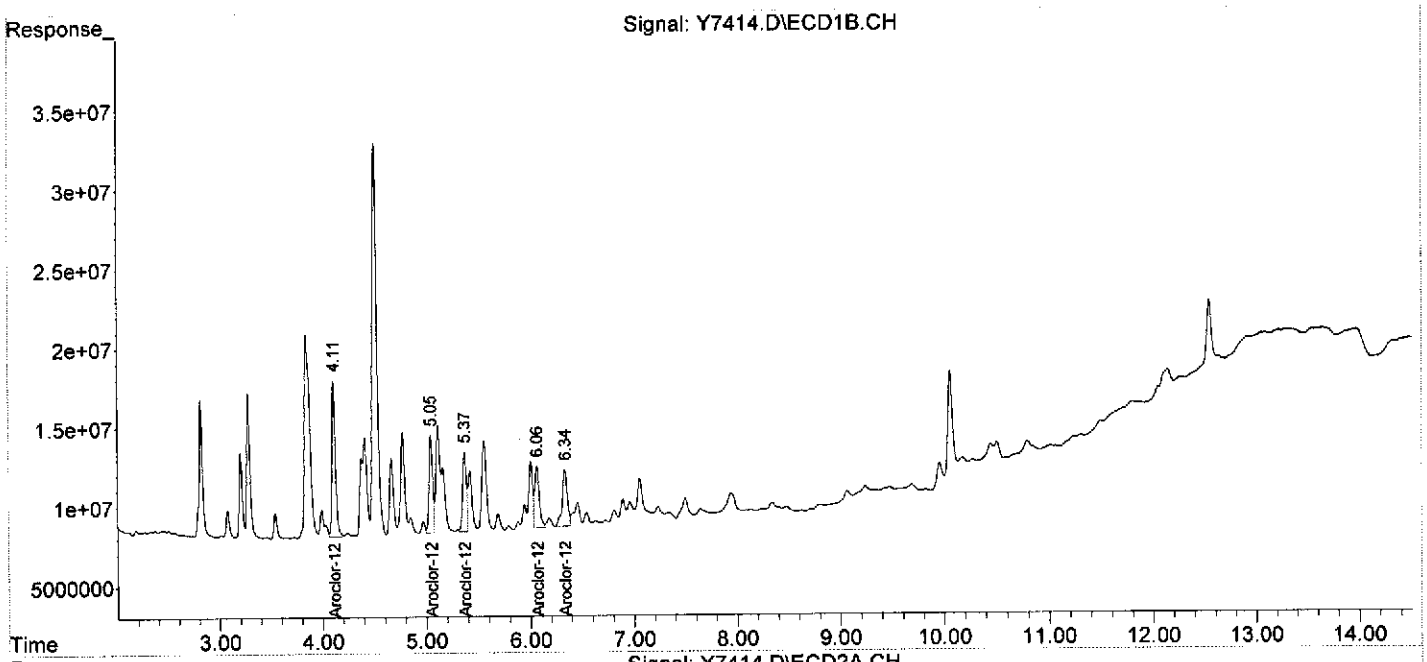
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

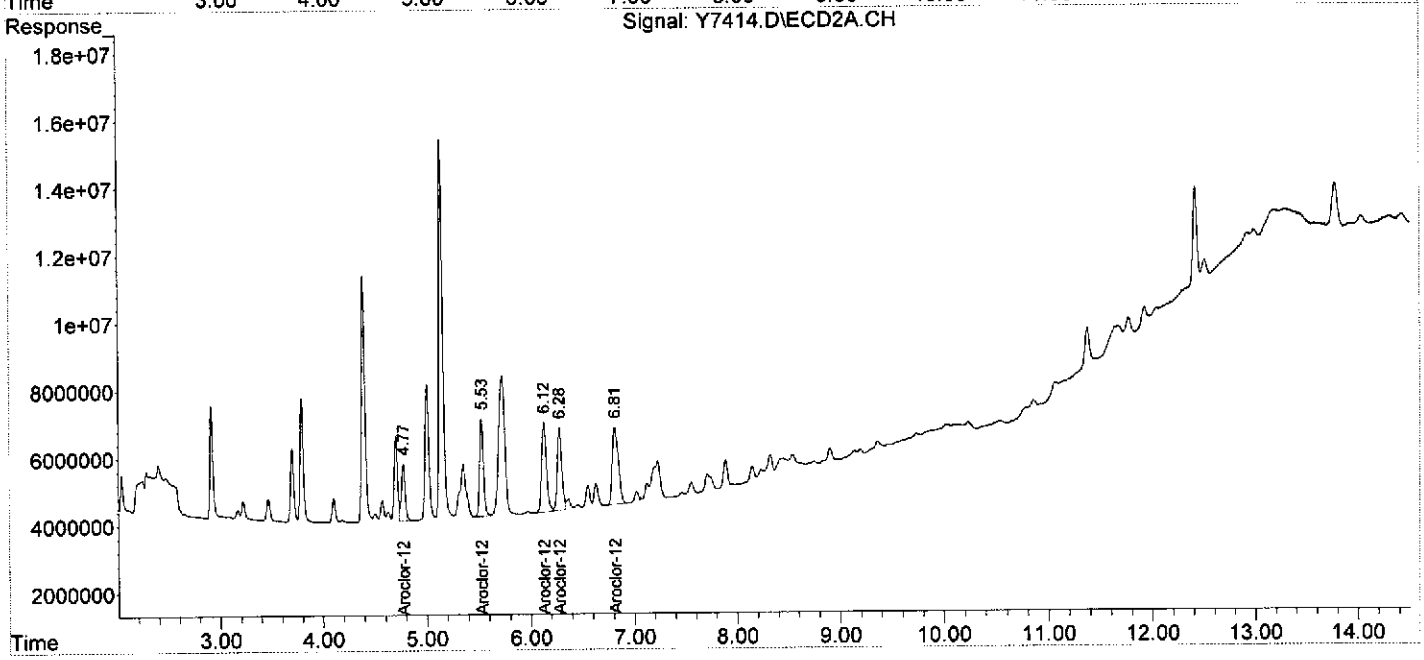
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-25-12\
Data File : Y7414.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Jul 2012 23:51
Operator : YG
Sample : T-23_(2.0-,06968-008,S,5.27g,34.1,07/23/12,4
Misc : 120723-02,07/12/12,07/12/12,100
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 30 14:25:05 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7299.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 24 Jul 2012 12:32
Operator : YG
Sample : T-23_(4.0-,06968-009,S,5.43g,23.2,07/23/12,4
Misc : 120723-02,07/12/12,07/12/12,1
ALS Vial : 58 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 30 13:58:42 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 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	2.82	2.91	20430.4E6	7406.7E6	215.914	235.649
Spiked Amount 200.000			Recovery	=	107.96%	117.82%
2) S DCB	12.10	12.51	4011.0E6	1625.1E6	206.099m	213.204m
Spiked Amount 200.000			Recovery	=	103.05%	106.60%
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	299.7E6	117.1E6	70.711	88.867 #
24) L6 Aroclor-1248 {2}	5.05	5.73	74625081	84389836	30.877	43.302 #
25) L6 Aroclor-1248 {3}	5.36	6.13	148.3E6	40820899	45.817	28.880 #
26) L6 Aroclor-1248 {4}	6.06	6.28	76851904	33690462	14.892	27.950 #
27) L6 Aroclor-1248 {5}	6.32	6.63	57686423	11974564	13.917m	18.134 #
Sum Aroclor-1248			657.1E6	288.0E6	176.214	207.133
Average Aroclor-1248					35.243	41.427
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

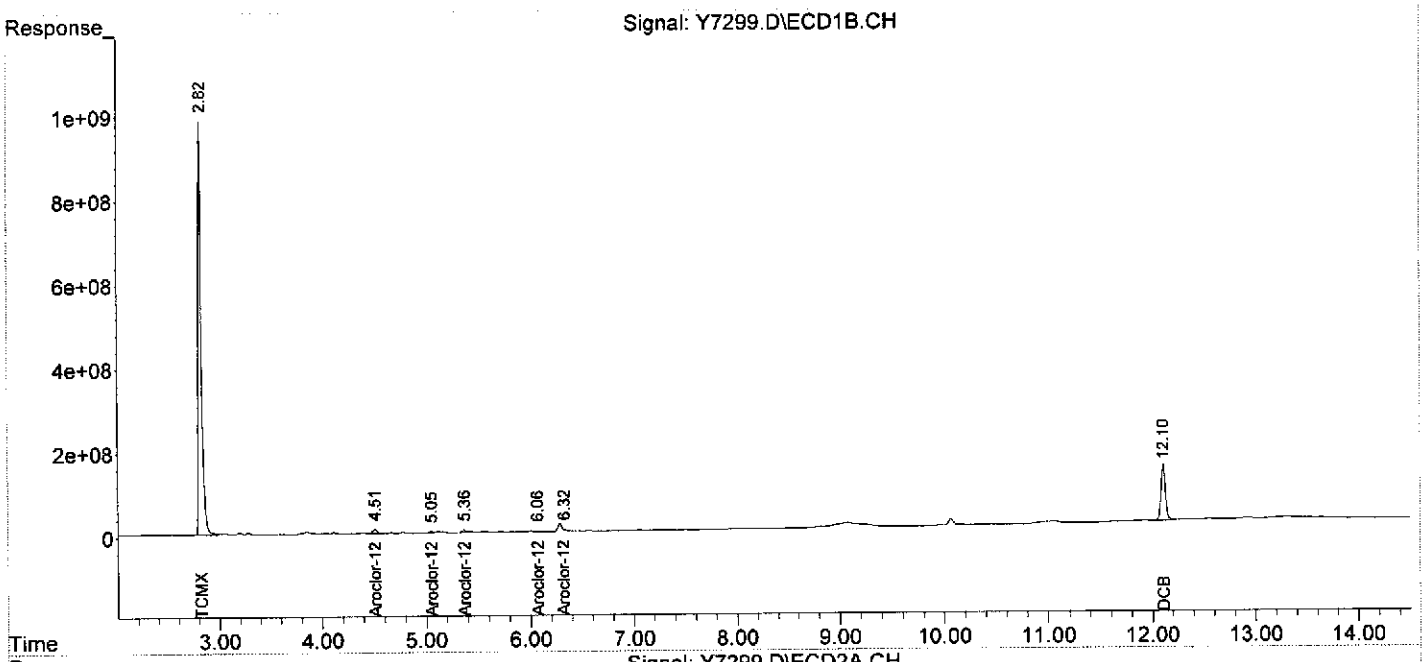
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

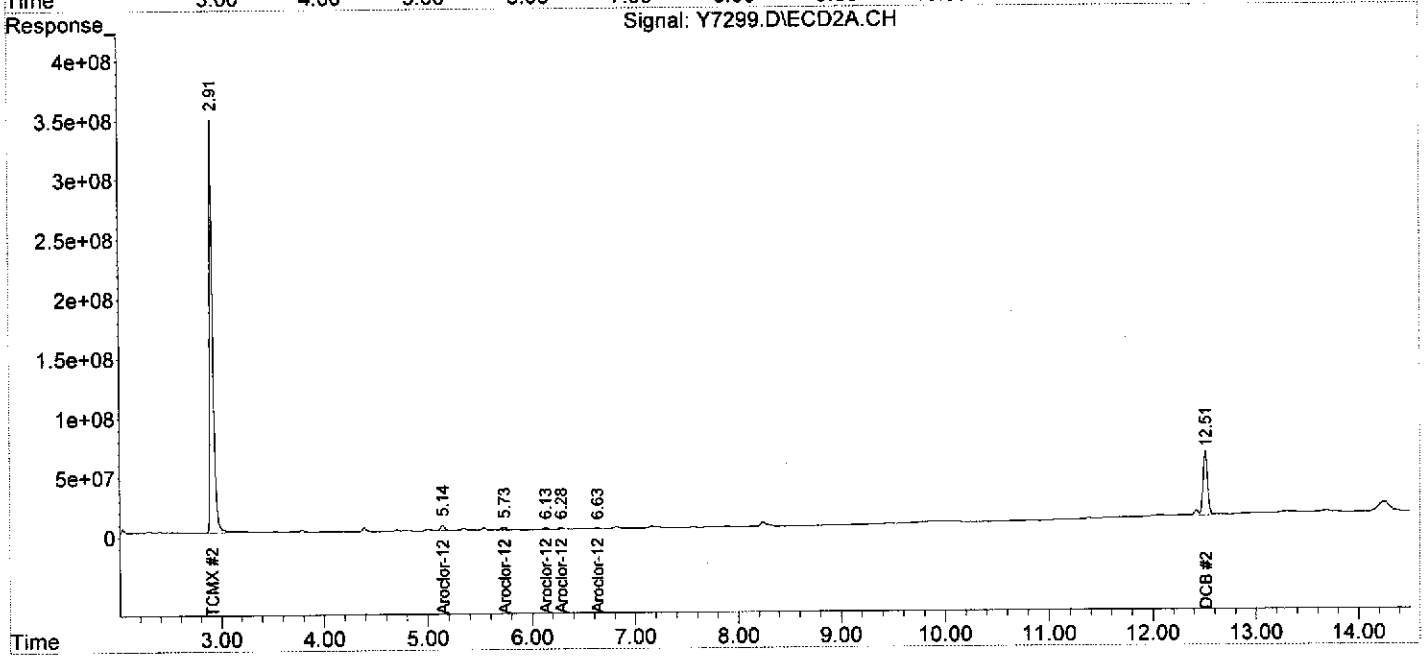
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7299.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 24 Jul 2012 12:32
Operator : YG
Sample : T-23_(4.0-,06968-009,S,5.43g,23.2,07/23/12,4
Misc : 120723-02,07/12/12,07/12/12,1
ALS Vial : 58 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 30 13:58:42 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7300.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 24 Jul 2012 12:49
Operator : YG
Sample : S-23_(0-2.,06968-010,S,5.95g,13.3,07/23/12,4
Misc : 120723-02,07/12/12,07/12/12,10
ALS Vial : 59 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 30 13:59:11 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 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	2.83	2.92	2017.5E6	712.8E6	21.321	22.679
Spiked Amount 200.000			Recovery =		10.66%	11.34%
2) S DCB	12.11	12.51	376.3E6	221.2E6	19.336m	29.025m#
Spiked Amount 200.000			Recovery =		9.67%	14.51%
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
23) L6 Aroclor-1248	4.52	5.15	1455.2E6	523.6E6	343.355	397.451
24) L6 Aroclor-1248 {2}	5.05	5.73	600.4E6	754.0E6	248.409	386.882 #
25) L6 Aroclor-1248 {3}	5.37	6.13	925.3E6	562.5E6	285.928	397.967 #
26) L6 Aroclor-1248 {4}	6.07	6.28	1762.3E6	420.2E6	341.478	348.634
27) L6 Aroclor-1248 {5}	6.34	6.63	1337.6E6	237.5E6	322.718	359.652
Sum Aroclor-1248			6080.7E6	2497.8E6	1541.888	1890.587
Average Aroclor-1248					308.378	378.117
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

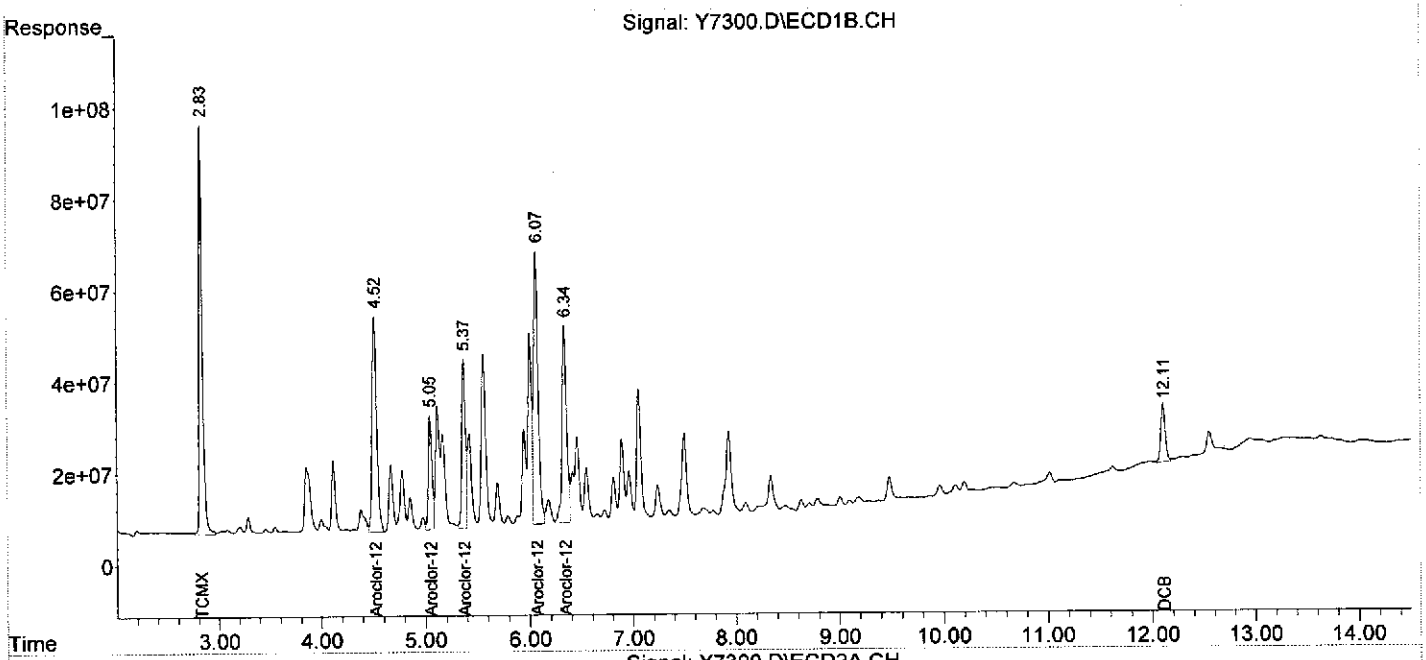
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

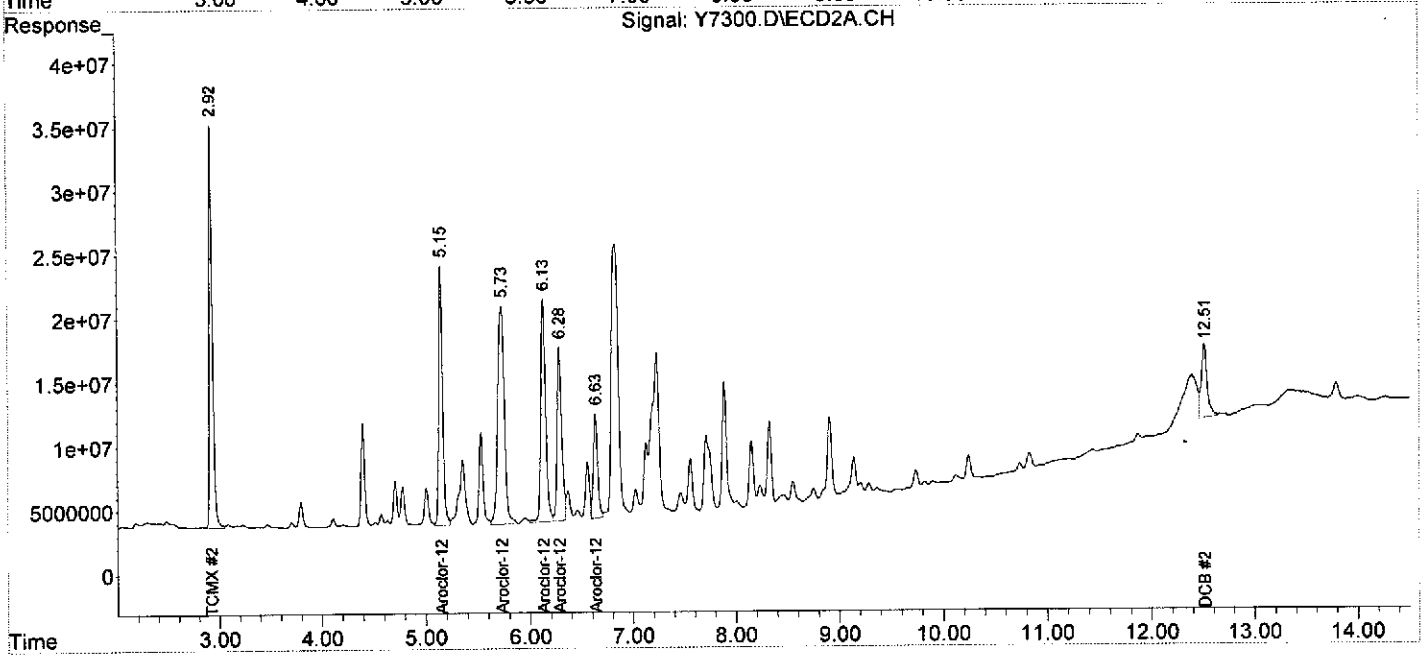
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7300.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 24 Jul 2012 12:49
Operator : YG
Sample : S-23_(0-2.,06968-010,S,5.95g,13.3,07/23/12,4
Misc : 120723-02,07/12/12,07/12/12,10
ALS Vial : 59 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 30 13:59:11 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7301.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 24 Jul 2012 13:07
Operator : YG
Sample : S-23_(2.0-,06968-011,S,5.97g,19.2,07/23/12,4
Misc : 120723-02,07/12/12,07/12/12,10
ALS Vial : 60 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 30 13:59:36 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 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	2.83	2.92	1956.1E6	718.4E6	20.673	22.858
Spiked Amount 200.000			Recovery =		10.34%	11.43%
2) S DCB	12.10	12.51	393.9E6	155.8E6	20.240m	20.446m
Spiked Amount 200.000			Recovery =		10.12%	10.22%
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	5.15	1085.3E6	458.9E6	256.083	348.286 #
24) L6 Aroclor-1248 {2}	5.04	5.73	275.4E6	449.2E6	113.964	230.504 #
25) L6 Aroclor-1248 {3}	5.37	6.13	535.6E6	353.8E6	165.503	250.327 #
26) L6 Aroclor-1248 {4}	6.06	6.28	1089.2E6	282.4E6	211.056	234.285
27) L6 Aroclor-1248 {5}	6.34	6.63	881.8E6	178.3E6	212.734	270.049 #
Sum Aroclor-1248			3867.3E6	1722.6E6	959.339	1333.450
Average Aroclor-1248					191.868	266.690
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

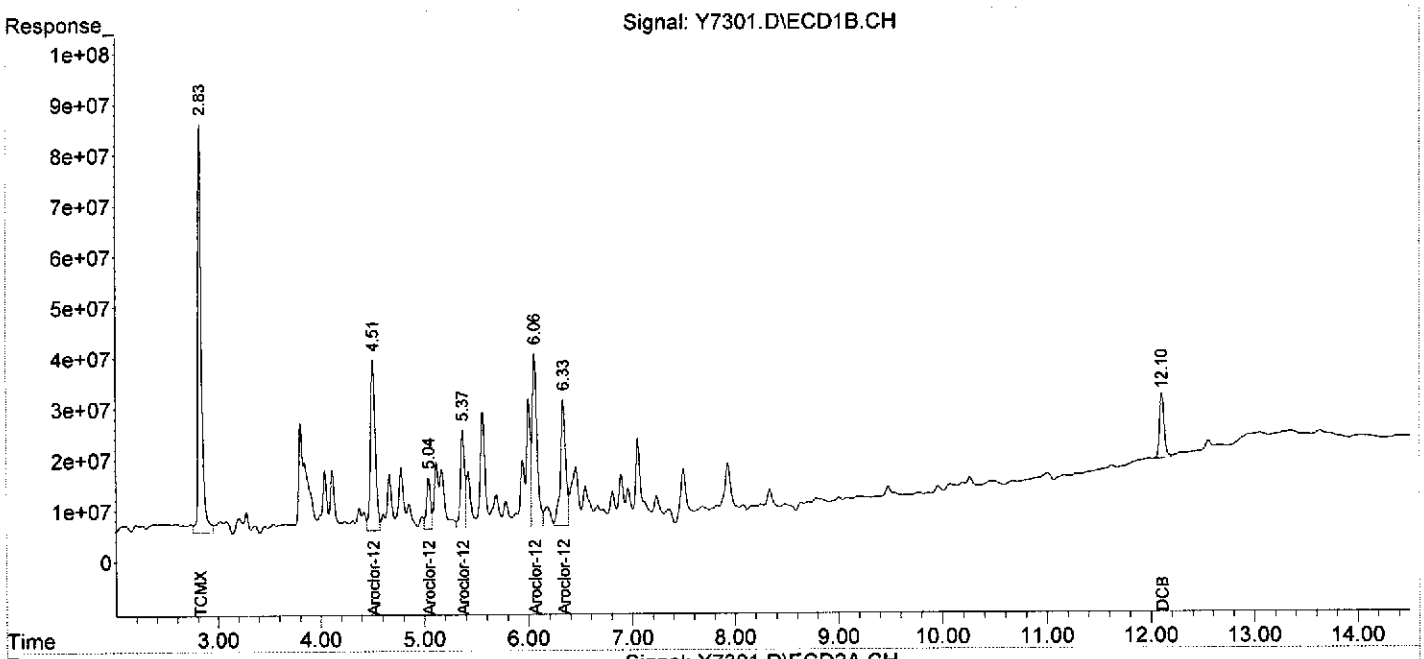
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

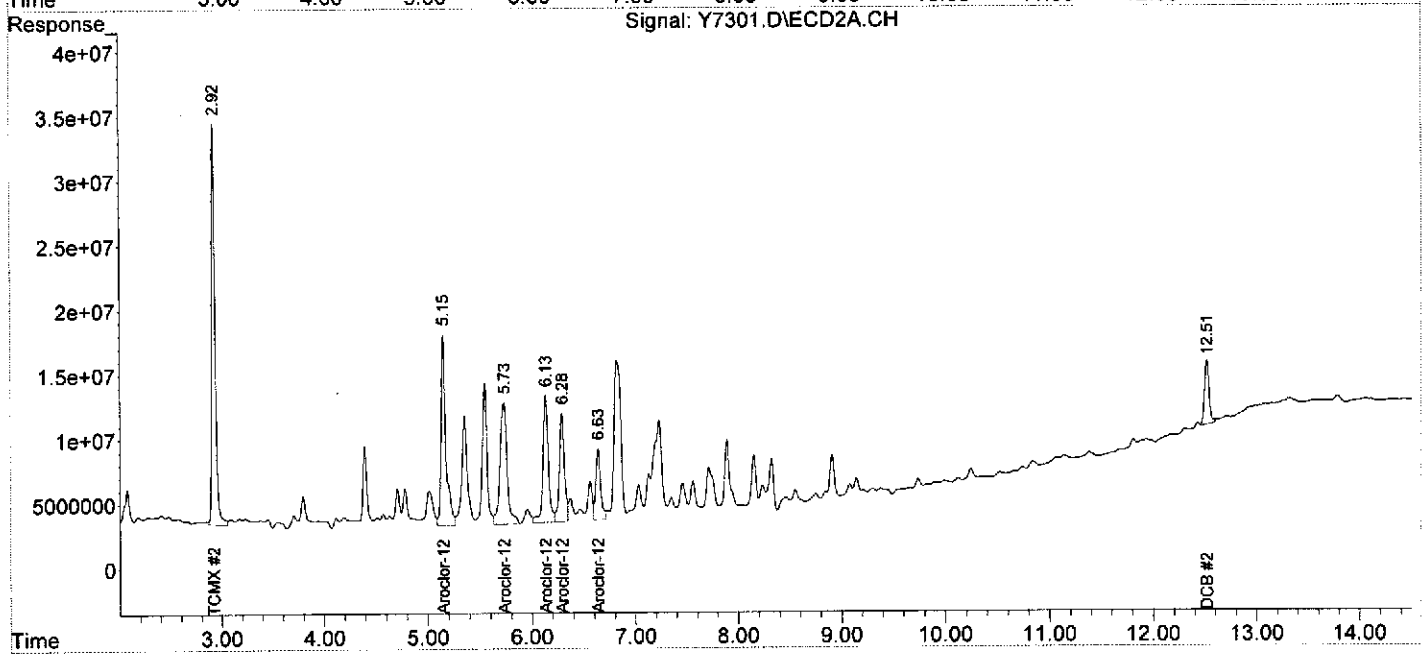
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7301.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 24 Jul 2012 13:07
Operator : YG
Sample : S-23_(2.0-,06968-011,S,5.97g,19.2,07/23/12,4
Misc : 120723-02,07/12/12,07/12/12,10
ALS Vial : 60 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 30 13:59:36 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7302.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 24 Jul 2012 13:24
Operator : YG
Sample : S-23_(4.0-,06968-012,S,5.84g,28.9,07/23/12,4
Misc : 120723-02,07/12/12,07/12/12,1
ALS Vial : 61 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 30 14:00:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 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	2.82	2.91	18678.9E6	7147.9E6	197.403	227.415
Spiked Amount 200.000			Recovery	=	98.70%	113.71%
2) S DCB	12.11	12.51	4213.7E6	1604.7E6	216.513m	210.530m
Spiked Amount 200.000			Recovery	=	108.26%	105.27%
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
23) L6 Aroclor-1248	4.51	5.14	6020.4E6	2025.4E6	1420.562	1537.361
24) L6 Aroclor-1248 {2}	5.05	5.73	1305.4E6	1493.2E6	540.114	766.176 #
25) L6 Aroclor-1248 {3}	5.37	6.13	774.2E6	524.6E6	239.250	371.139 #
26) L6 Aroclor-1248 {4}	6.06	6.28	672.7E6	417.5E6	130.352	346.388 #
27) L6 Aroclor-1248 {5}	6.28	6.63	3584.5E6	93799085	864.797	142.044 #
Sum Aroclor-1248			12357.2E6	4554.5E6	3195.074	3163.107
Average Aroclor-1248					639.015	632.621
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

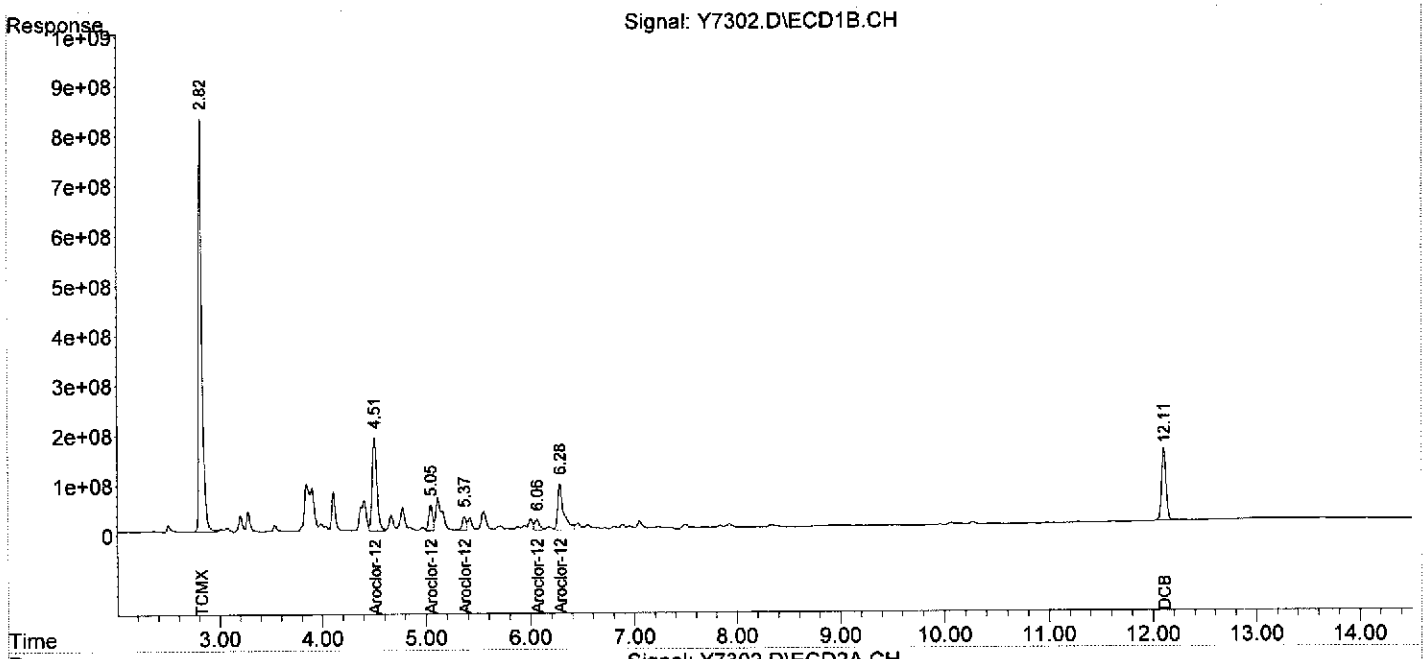
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

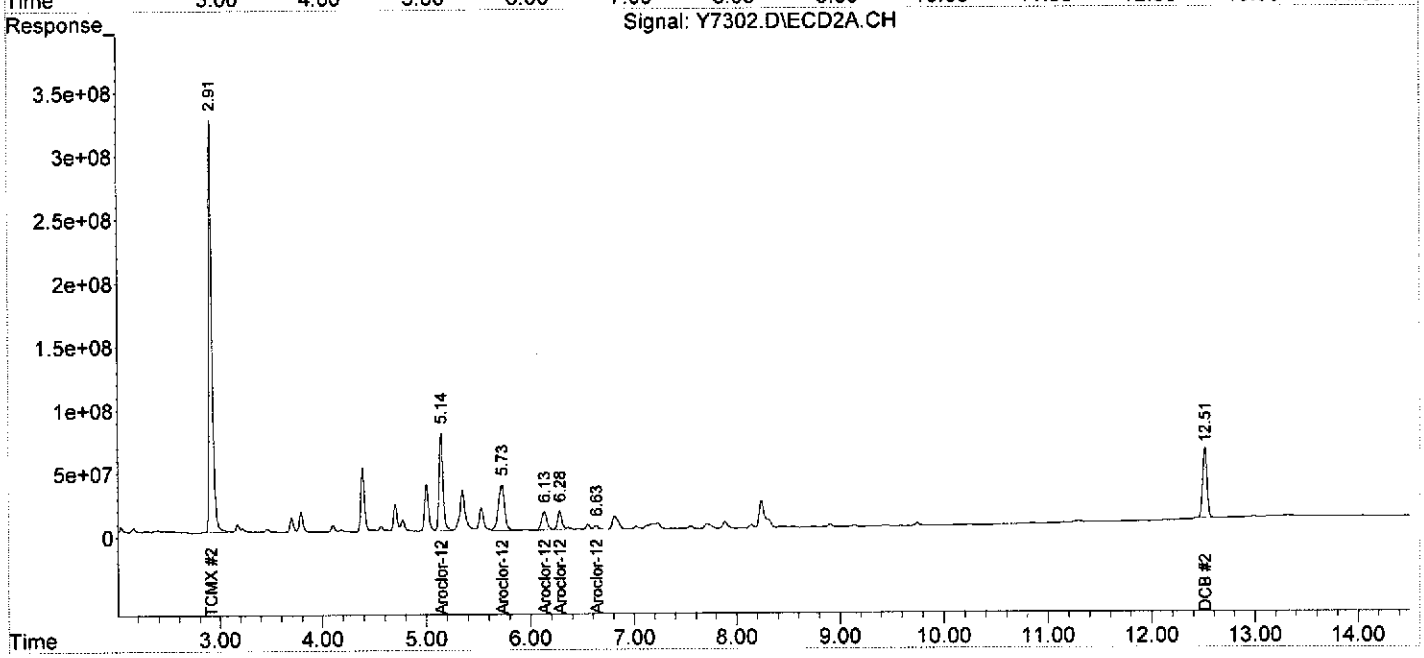
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7302.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 24 Jul 2012 13:24
Operator : YG
Sample : S-23_(4.0-,06968-012,S,5.84g,28.9,07/23/12,4
Misc : 120723-02,07/12/12,07/12/12,1
ALS Vial : 61 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 30 14:00:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7303.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 24 Jul 2012 13:41
Operator : YG
Sample : R-22_(0-2.,06968-013,S,5.12g,16.4,07/23/12,4
Misc : 120723-02,07/12/12,07/12/12,10
ALS Vial : 62 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 30 14:00:29 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 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	2.83	2.92	1975.0E6	726.0E6	20.872	23.098
Spiked Amount 200.000			Recovery =		10.44%	11.55%
2) S DCB	12.11	12.51	410.6E6	152.3E6	21.097m	19.980m
Spiked Amount 200.000			Recovery =		10.55%	9.99%
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	5.15	1238.0E6	480.1E6	292.125	364.402
24) L6 Aroclor-1248 {2}	5.05	5.73	533.9E6	763.5E6	220.897	391.767 #
25) L6 Aroclor-1248 {3}	5.37	6.13	907.2E6	570.7E6	280.329	403.747 #
26) L6 Aroclor-1248 {4}	6.07	6.28	1785.3E6	449.7E6	345.948	373.060
27) L6 Aroclor-1248 {5}	6.34	6.63	1520.1E6	255.6E6	366.728	387.006
Sum Aroclor-1248			5984.4E6	2519.5E6	1506.026	1919.982
Average Aroclor-1248					301.205	383.996
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

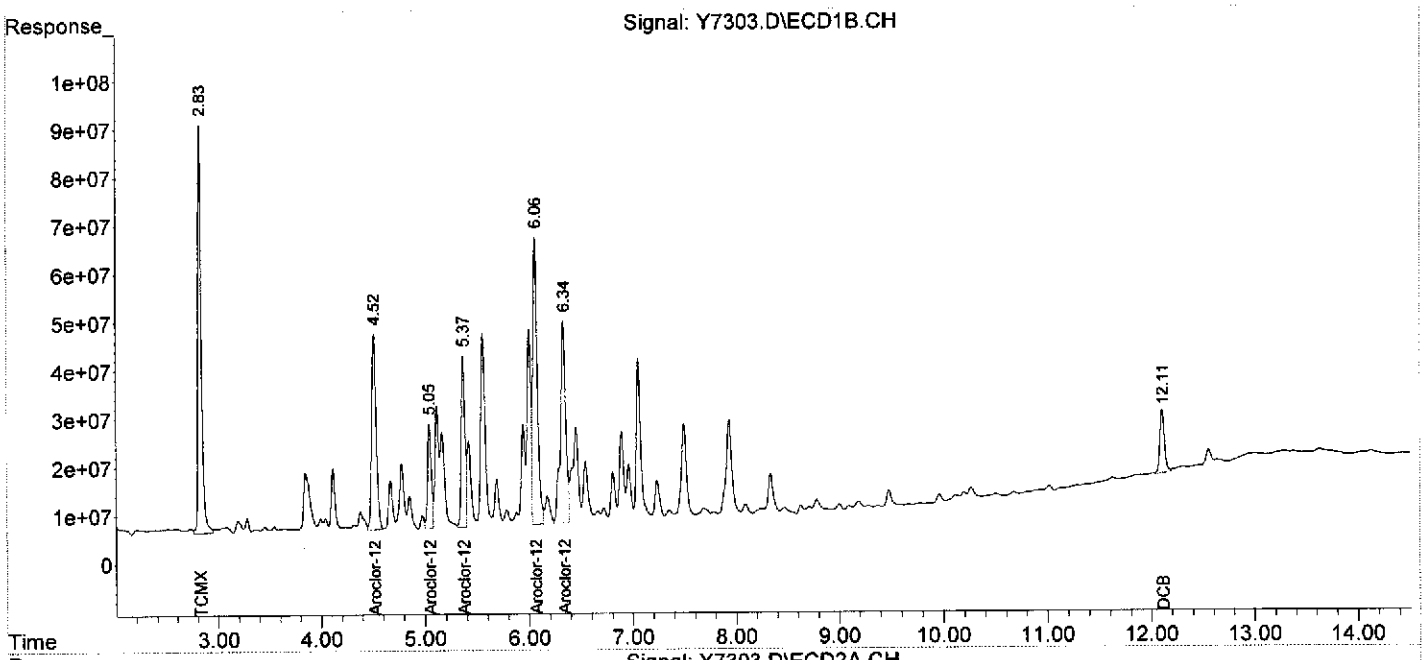
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

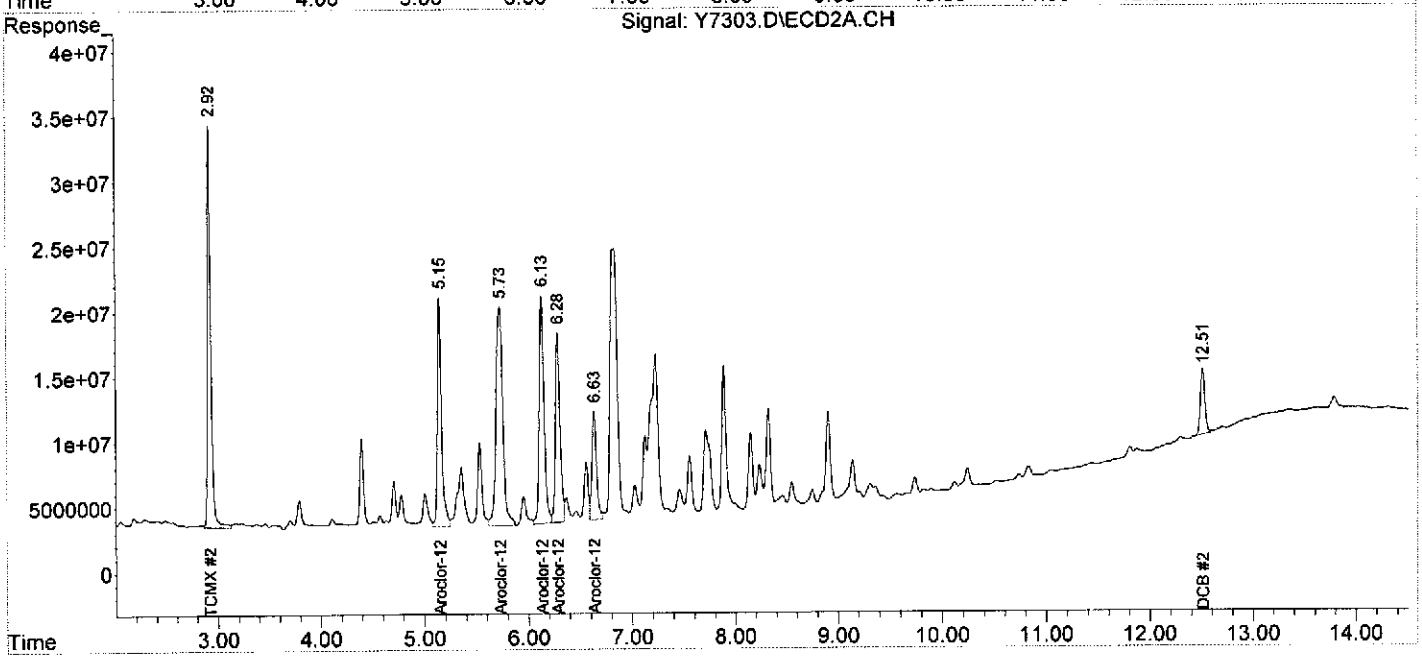
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7303.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 24 Jul 2012 13:41
Operator : YG
Sample : R-22_(0-2.,06968-013,S,5.12g,16.4,07/23/12,4
Misc : 120723-02,07/12/12,07/12/12,10
ALS Vial : 62 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 30 14:00:29 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-24-12\
Data File : Y7355.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Jul 2012 5:34
Operator : YG
Sample : R-22_(2.0-,06968-014,S,5.21g,25.9,07/23/12,4
Misc : 120723-02,07/12/12,07/12/12,10
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 30 14:20:56 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 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	2.82	2.91	2094.3E6	734.4E6	22.133	23.365
Spiked Amount 200.000			Recovery =		11.07%	11.68%
2) S DCB	12.10	12.51	462.7E6	166.9E6	23.777m	21.890m
Spiked Amount 200.000			Recovery =		11.89%	10.95%
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	3214.2E6	1103.8E6	758.415	837.863
24) L6 Aroclor-1248 {2}	5.05	5.73	748.2E6	795.3E6	309.577	408.077 #
25) L6 Aroclor-1248 {3}	5.37	6.13	1014.3E6	566.7E6	313.439	400.907 #
26) L6 Aroclor-1248 {4}	6.06	6.28	1333.2E6	455.0E6	258.348	377.456 #
27) L6 Aroclor-1248 {5}	6.34	6.63	1309.6E6	215.9E6	315.947	326.998
Sum Aroclor-1248			7619.5E6	3136.7E6	1955.726	2351.301
Average Aroclor-1248					391.145	470.260
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

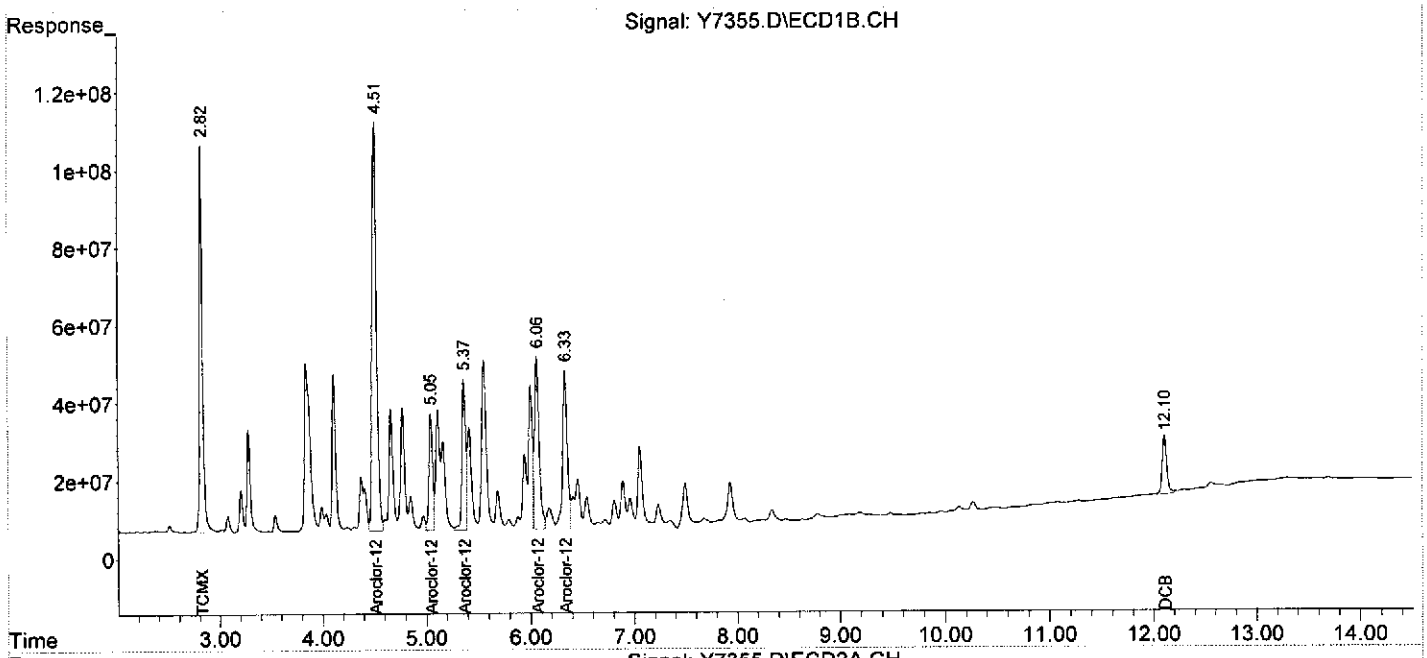
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

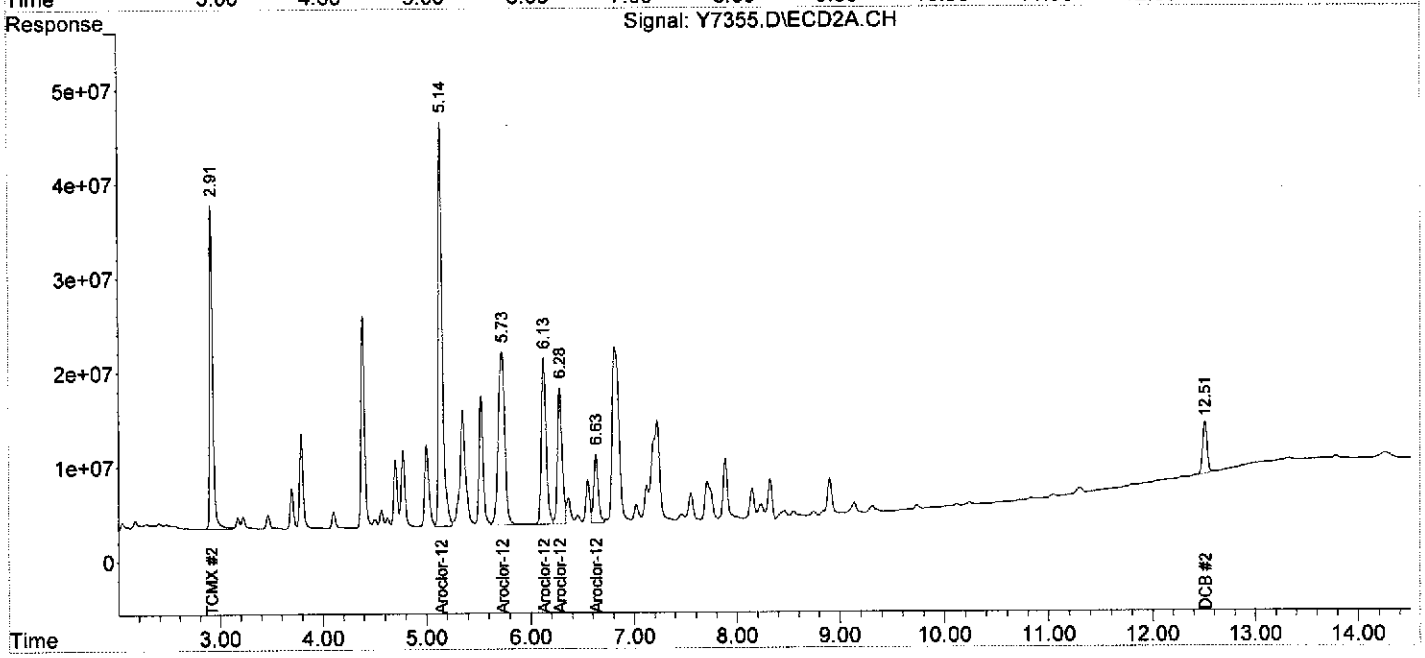
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-24-12\
Data File : Y7355.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Jul 2012 5:34
Operator : YG
Sample : R-22_(2.0-,06968-014,S,5.21g,25.9,07/23/12,4
Misc : 120723-02,07/12/12,07/12/12,10
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 30 14:20:56 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7305.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 24 Jul 2012 14:15
Operator : YG
Sample : R-22_(4.0-,06968-015,S,5.64g,22.8,07/23/12,4
Misc : 120723-02,07/12/12,07/12/12,1
ALS Vial : 64 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 30 14:08:19 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 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	2.82	2.91	20316.6E6	7347.2E6	214.711	233.757
Spiked Amount 200.000			Recovery	=	107.36%	116.88%
2) S DCB	12.11	12.51	4346.5E6	1710.9E6	223.336m	224.462m
Spiked Amount 200.000			Recovery	=	111.67%	112.23%
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	4.78	2139.0E6	429.7E6	1051.537	1053.366
19) L5 Aroclor-1242 {2}	5.05	5.53	1555.6E6	750.3E6	1202.227	1080.640
20) L5 Aroclor-1242 {3}	5.37	6.13	2169.1E6	1186.9E6	1152.804	1285.791
21) L5 Aroclor-1242 {4}	6.06	6.28	2924.8E6	945.1E6	1042.587	1227.308
22) L5 Aroclor-1242 {5}	6.33	6.82	3069.3E6	1857.8E6	1189.695	1254.253
Sum Aroclor-1242			11857.8E6	5169.9E6	5638.851	5901.358
Average Aroclor-1242					1127.770	1180.272
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

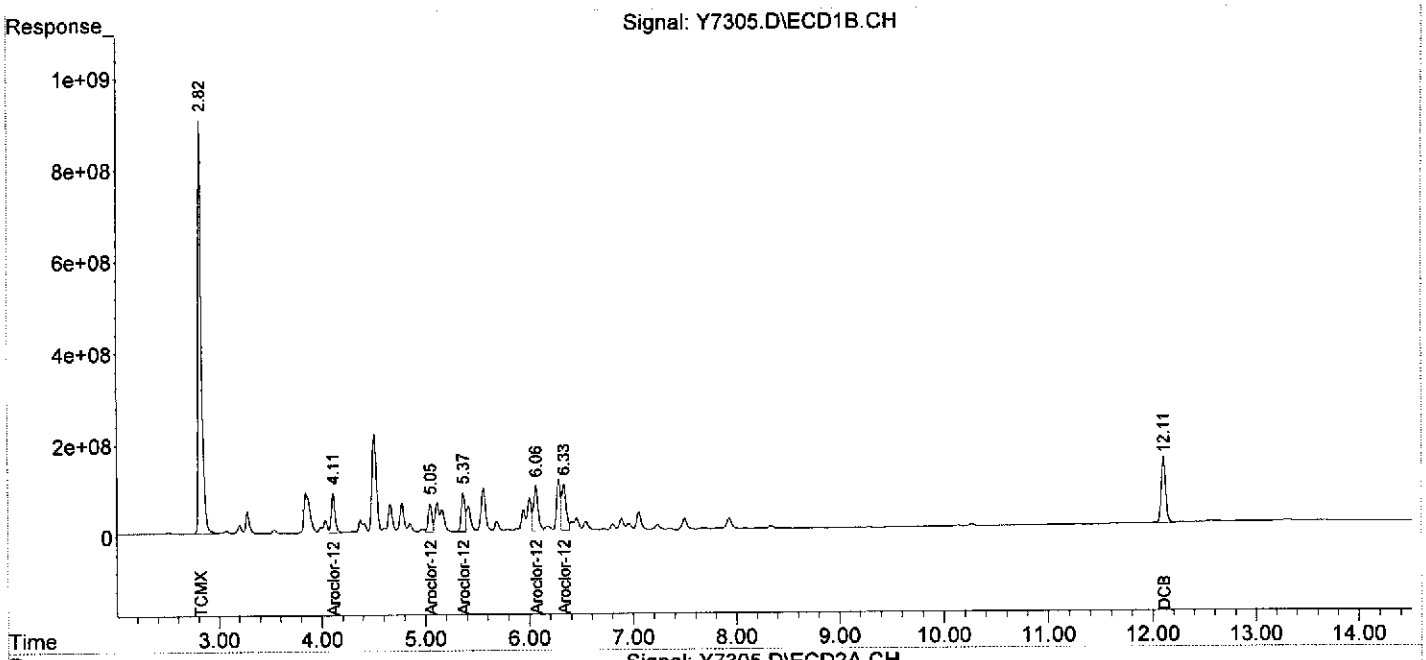
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

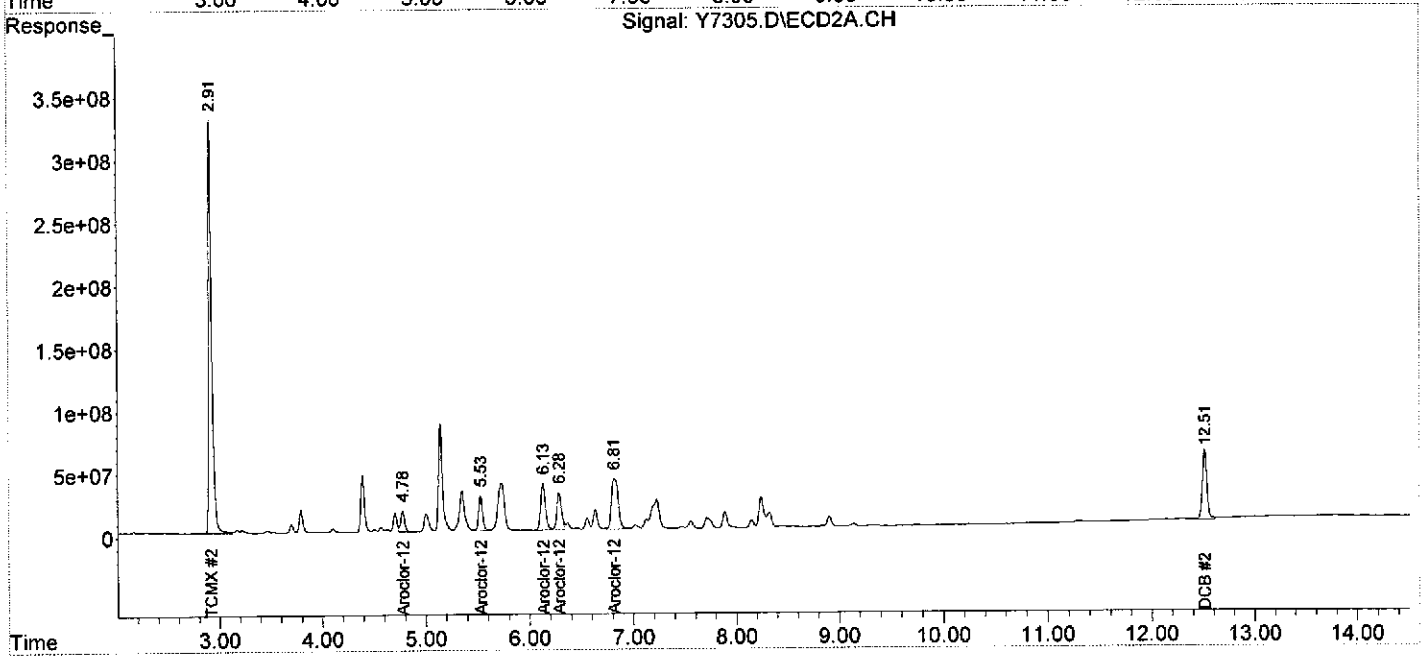
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7305.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 24 Jul 2012 14:15
Operator : YG
Sample : R-22_(4.0-,06968-015,S,5.64g,22.8,07/23/12,4
Misc : 120723-02,07/12/12,07/12/12,1
ALS Vial : 64 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 30 14:08:19 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7306.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 24 Jul 2012 14:33
Operator : YG
Sample : S-22_(0-2.,06968-016,S,5.51g,15.6,07/23/12,4
Misc : 120723-02,07/12/12,07/12/12,100
ALS Vial : 65 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 30 14:09:42 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 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						
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	5.15	741.3E6	277.9E6	174.920	210.907
24) L6 Aroclor-1248 {2}	5.05	5.73	262.2E6	340.4E6	108.482	174.684 #
25) L6 Aroclor-1248 {3}	5.37	6.13	307.9E6	202.6E6	95.147	143.360 #
26) L6 Aroclor-1248 {4}	6.07	6.28	568.3E6	154.1E6	110.122	127.847
27) L6 Aroclor-1248 {5}	6.34	6.63	393.6E6	86376552	94.965	130.804 #
Sum Aroclor-1248			2273.3E6	1061.4E6	583.636	787.601
Average Aroclor-1248					116.727	157.520
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

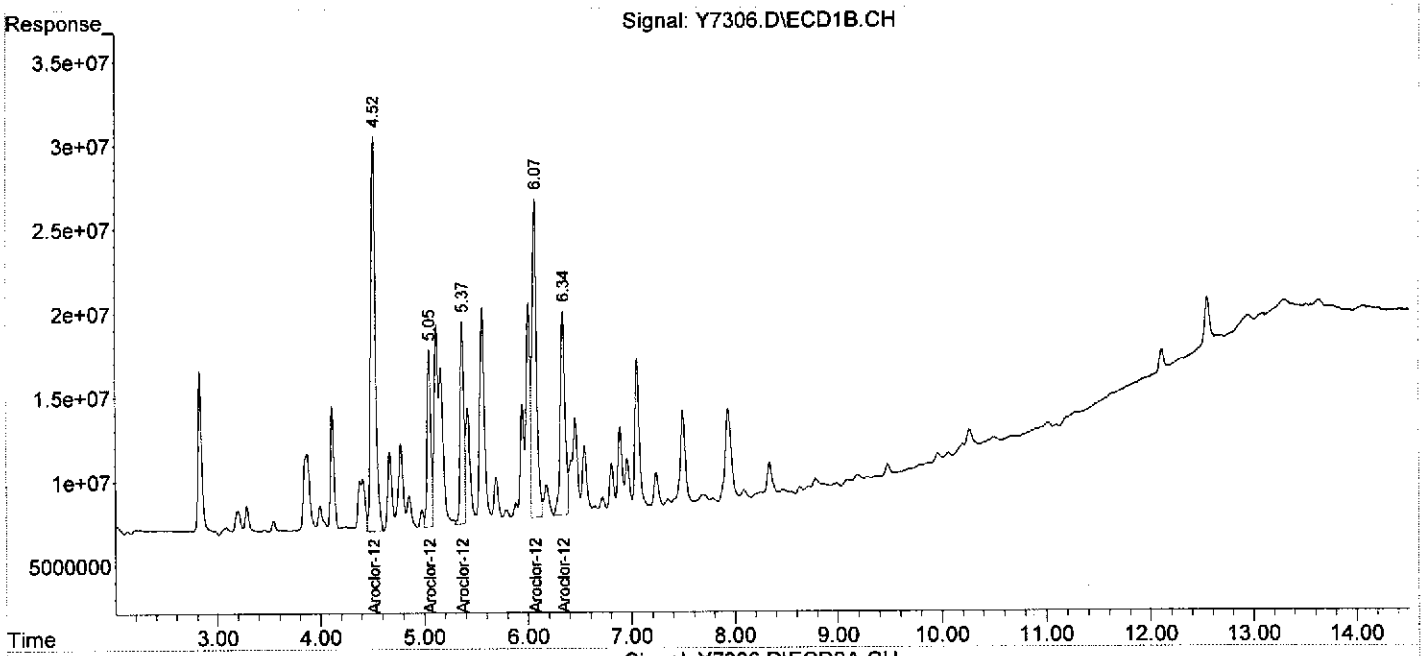
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

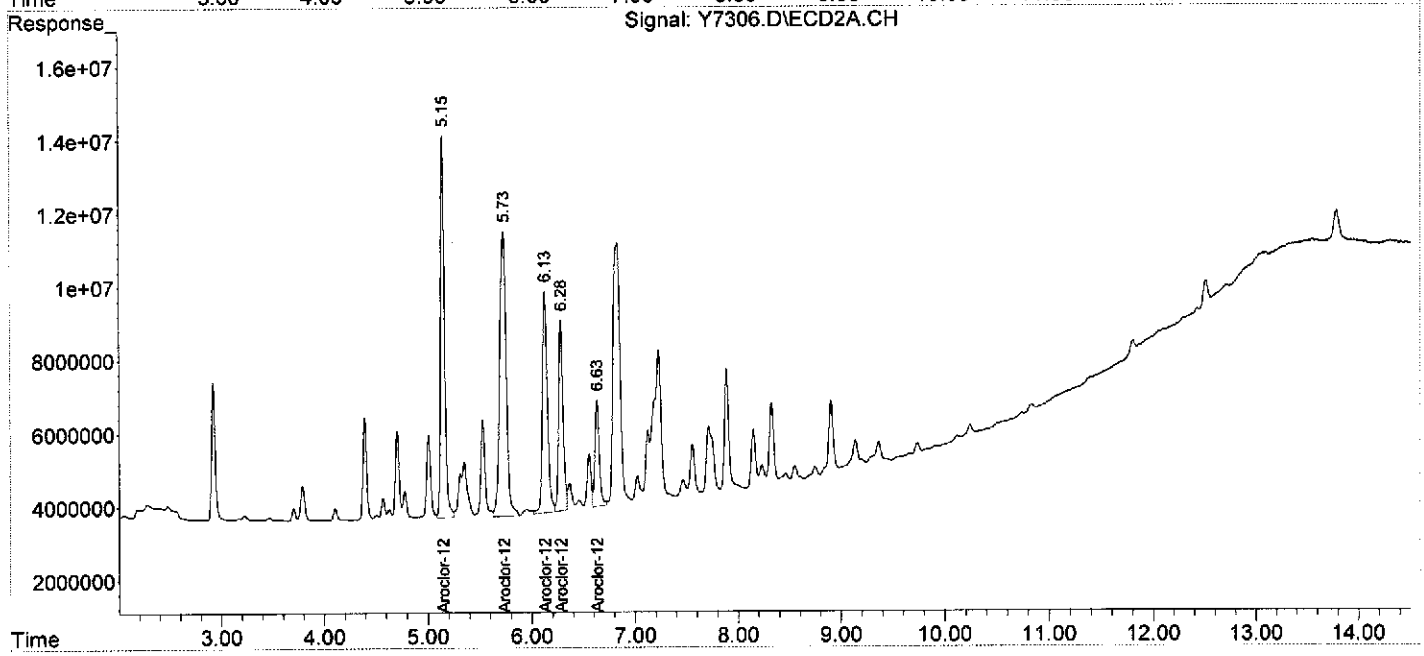
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7306.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 24 Jul 2012 14:33
Operator : YG
Sample : S-22_(0-2.,06968-016,S,5.51g,15.6,07/23/12,4
Misc : 120723-02,07/12/12,07/12/12,100
ALS Vial : 65 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 30 14:09:42 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-25-12\
Data File : Y7415.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 26 Jul 2012 00:08
Operator : YG
Sample : S-22_(2.0-,06968-017,S,5.13g,23.5,07/23/12,4
Misc : 120723-02,07/12/12,07/12/12,100
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 30 14:25:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 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						
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	346.1E6	16987585	170.163	41.641 #
19) L5 Aroclor-1242 {2}	5.05	5.53	234.0E6	70083458	180.822	100.933 #
20) L5 Aroclor-1242 {3}	5.37	6.13	60622403	54493551	32.219	59.033 #
21) L5 Aroclor-1242 {4}	6.06	6.28	80482941	48441430	28.690	62.906 #
22) L5 Aroclor-1242 {5}	6.34	6.81	62687470	51538320	24.298	34.794 #
Sum Aroclor-1242			783.9E6	241.5E6	436.192	299.308
Average Aroclor-1242					87.238	59.862
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

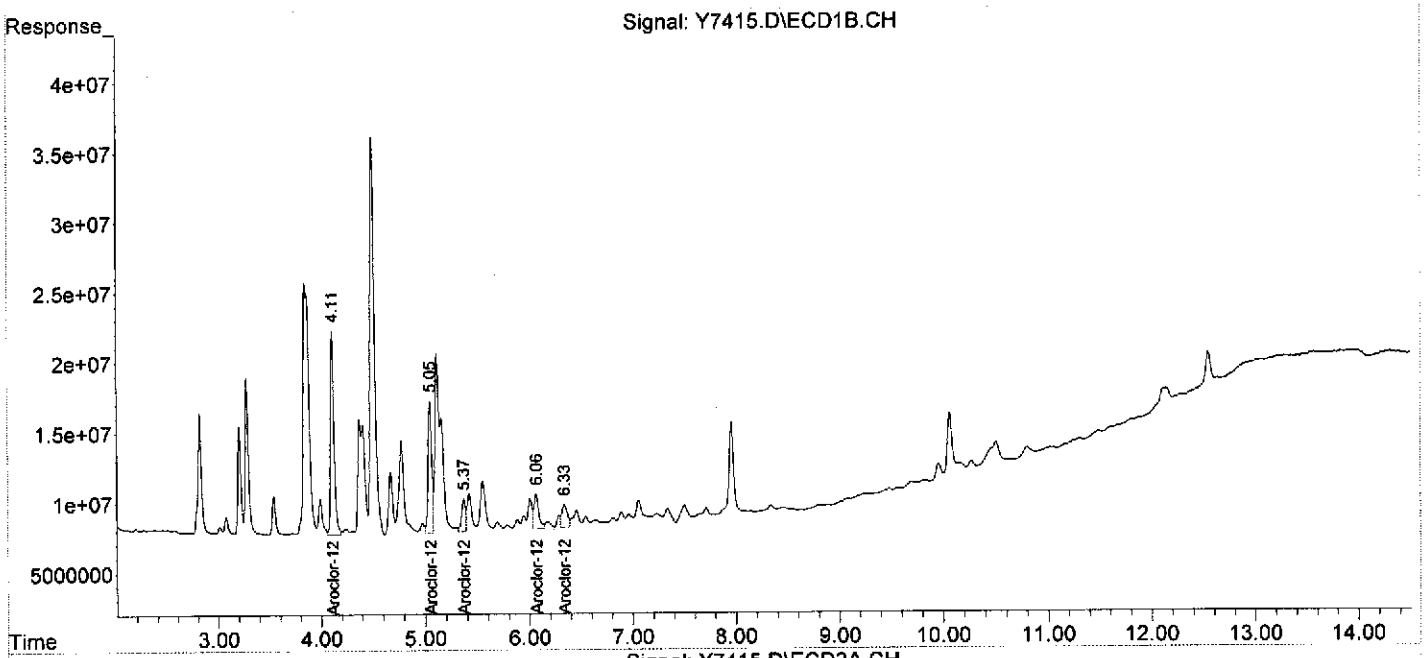
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

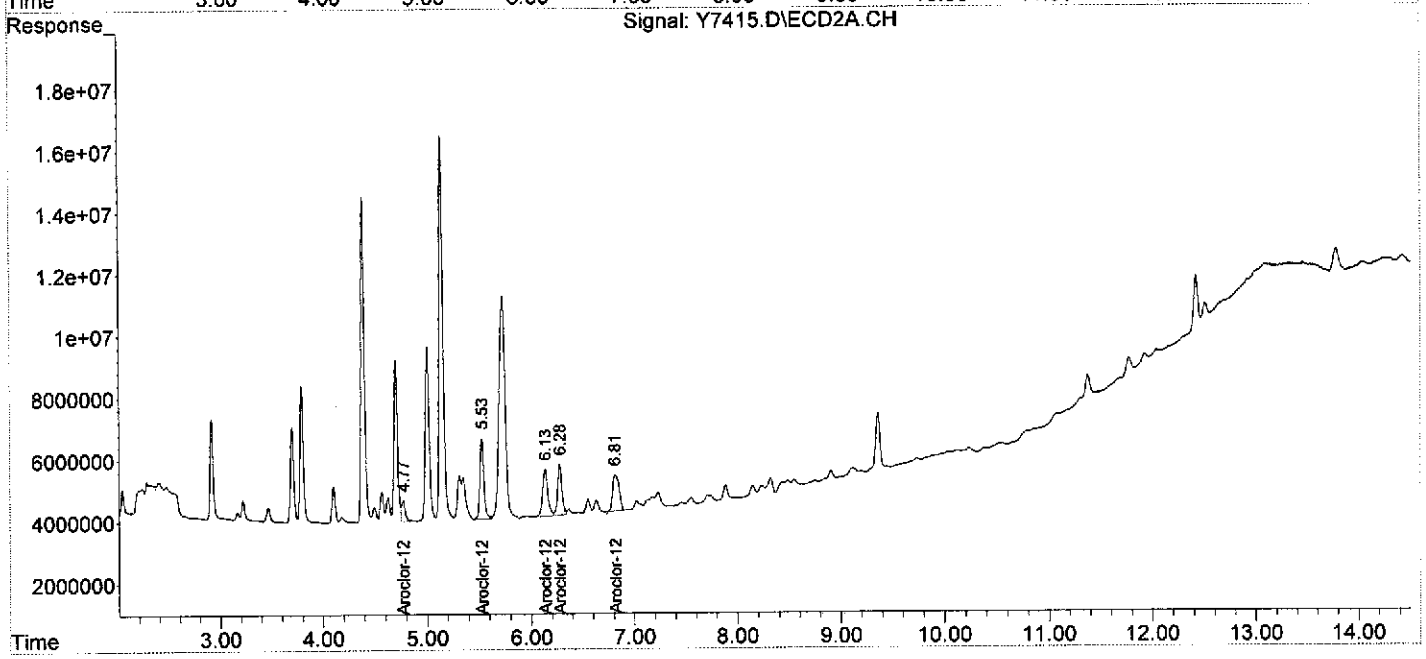
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-25-12\
Data File : Y7415.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 26 Jul 2012 00:08
Operator : YG
Sample : S-22_(2.0-,06968-017,S,5.13g,23.5,07/23/12,4
Misc : 120723-02,07/12/12,07/12/12,100
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 30 14:25:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7308.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 24 Jul 2012 15:07
Operator : YG
Sample : S-22_(4.0-,06968-018,S,5.37g,19.7,07/23/12,4
Misc : 120723-02,07/12/12,07/12/12,1
ALS Vial : 67 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 30 14:10:26 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 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	2.82	2.91	20840.7E6	7419.9E6	220.250	236.070
Spiked Amount 200.000			Recovery	=	110.13%	118.04%
2) S DCB	12.11	12.51	3966.4E6	1667.1E6	203.806m	218.716m
Spiked Amount 200.000			Recovery	=	101.90%	109.36%
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	1325.9E6	488.9E6	312.846	371.101
24) L6 Aroclor-1248 {2}	5.05	5.73	302.2E6	377.6E6	125.045	193.765 #
25) L6 Aroclor-1248 {3}	5.37	6.14	108.2E6	74543765	33.433	52.739 #
26) L6 Aroclor-1248 {4}	6.06	6.28	89652440	61033573	17.372	50.634 #
27) L6 Aroclor-1248 {5}	0.00	6.63	0	13594426	N.D. d	20.587 #
Sum Aroclor-1248			1825.9E6	1015.7E6	488.697	688.826
Average Aroclor-1248					122.174	137.765
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

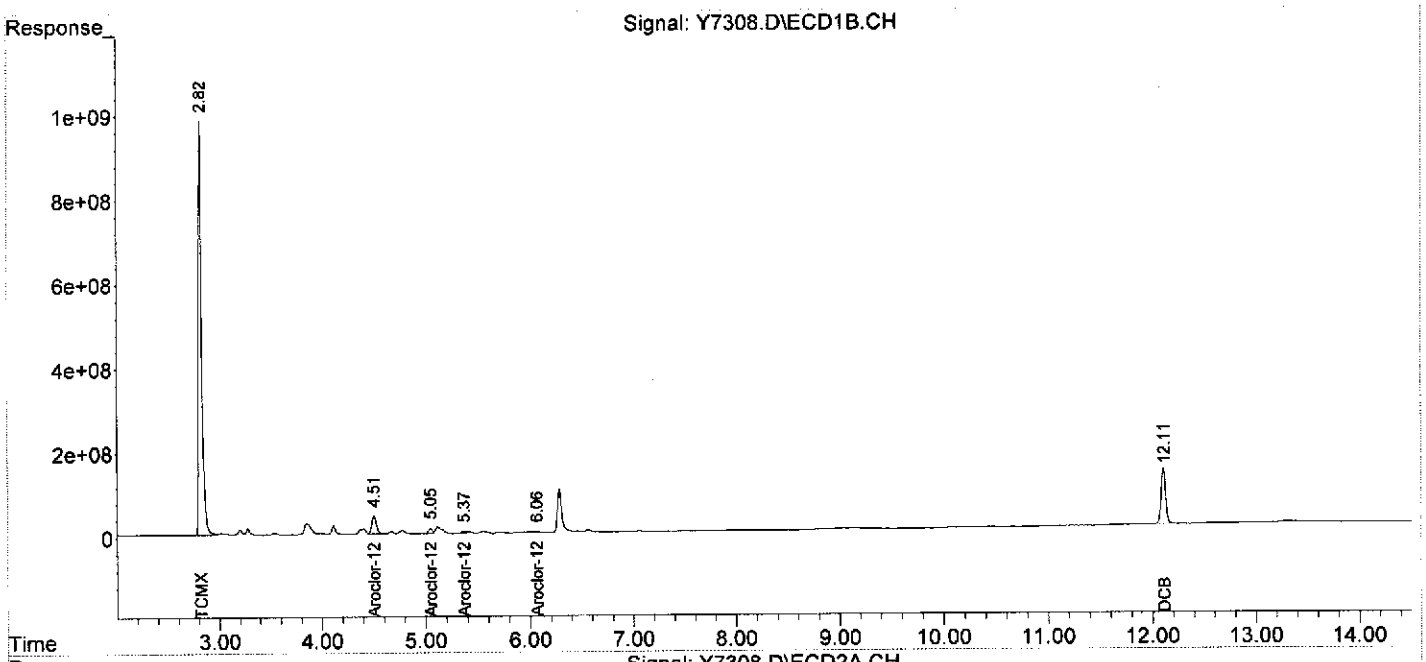
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

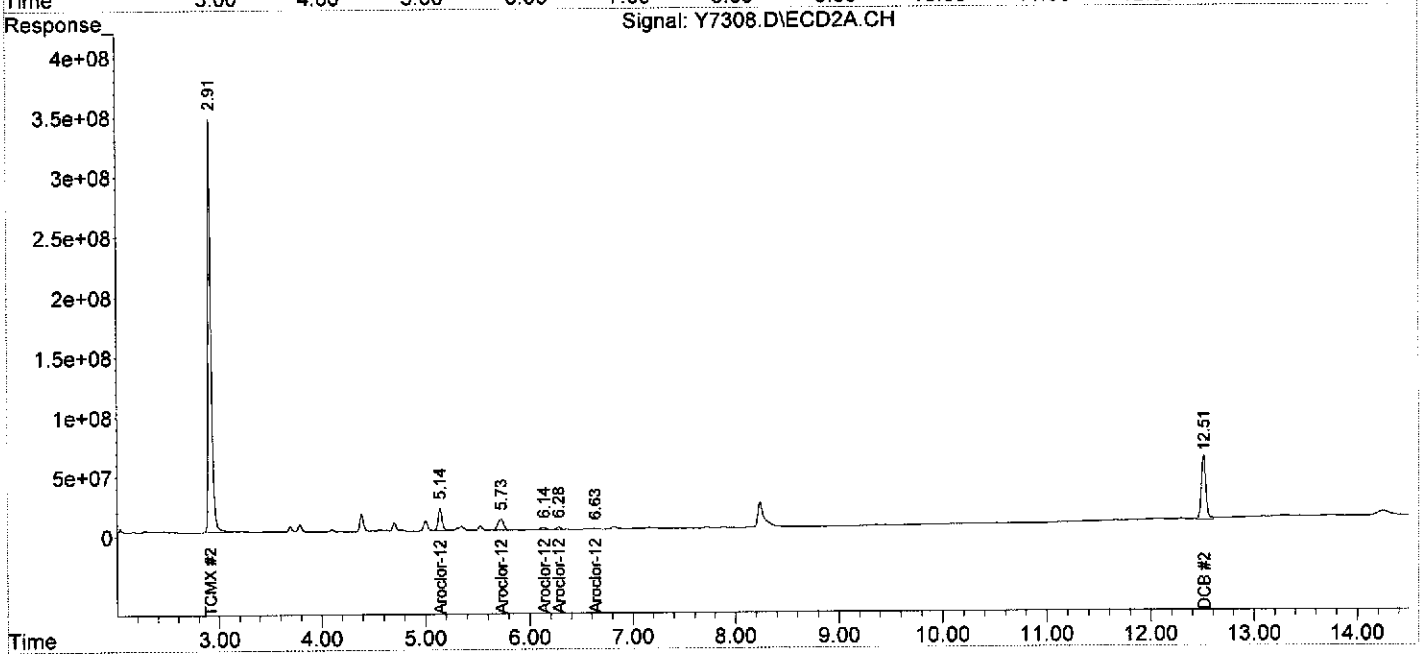
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7308.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 24 Jul 2012 15:07
Operator : YG
Sample : S-22_(4.0-,06968-018,S,5.37g,19.7,07/23/12,4
Misc : 120723-02,07/12/12,07/12/12,1
ALS Vial : 67 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 30 14:10:26 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7496.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 19:39
Operator : YG
Sample : T-22_(0-2.,06968-019,S,5.46g,10.6,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,1
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:22:24 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	19934.7E6	7514.2E6	209.682	214.983
Spiked Amount 200.000			Recovery	=	104.84%	107.49%
2) S DCB	12.10	12.50	3084.3E6	2053.0E6	149.665	238.907 #
Spiked Amount 200.000			Recovery	=	74.83%	119.45%
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	444.0E6	157.7E6	100.713	98.954
24) L6 Aroclor-1248 {2}	5.05	5.73	149.2E6	178.5E6	61.541	76.186
25) L6 Aroclor-1248 {3}	5.36	6.12	220.9E6	132.3E6	71.991	78.099
26) L6 Aroclor-1248 {4}	6.06	6.28	437.8E6	101.1E6	78.559	69.531
27) L6 Aroclor-1248 {5}	6.32	0.00	523.9E6	0	125.765	N.D. d#
Sum Aroclor-1248			1775.8E6	569.6E6	438.570	322.769
Average Aroclor-1248					87.714	80.692
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

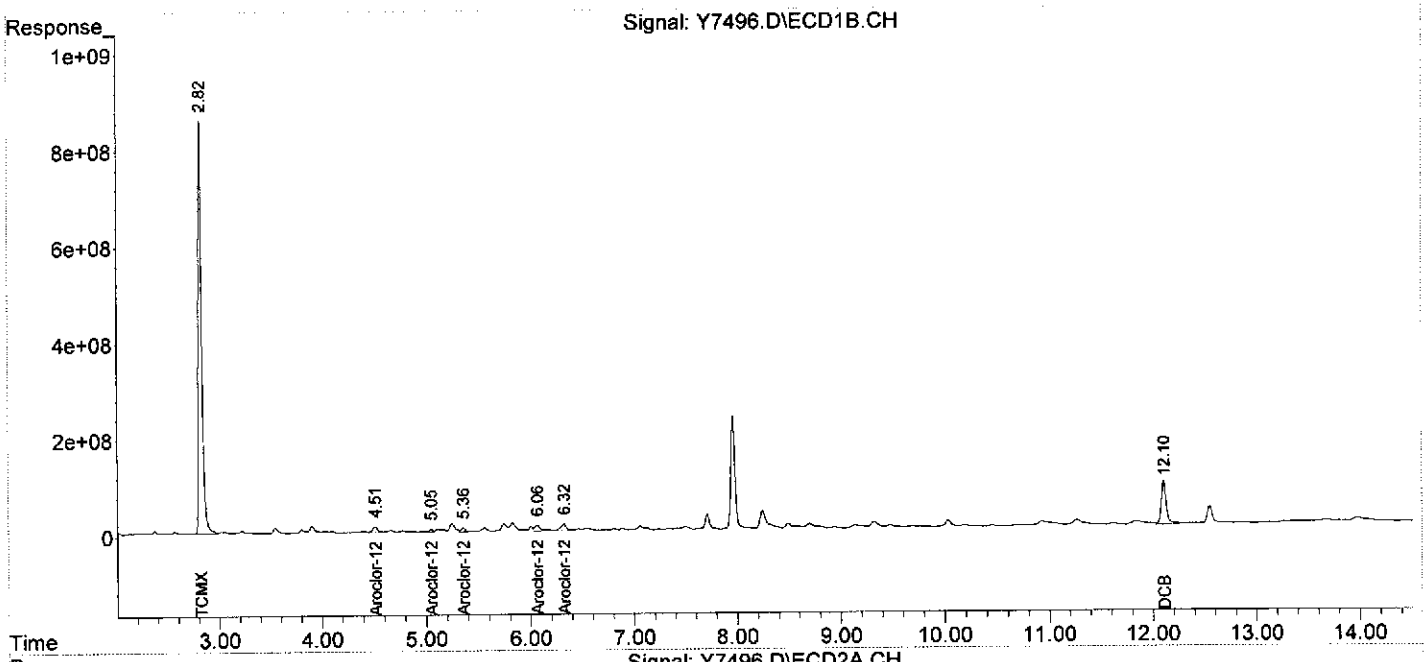
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

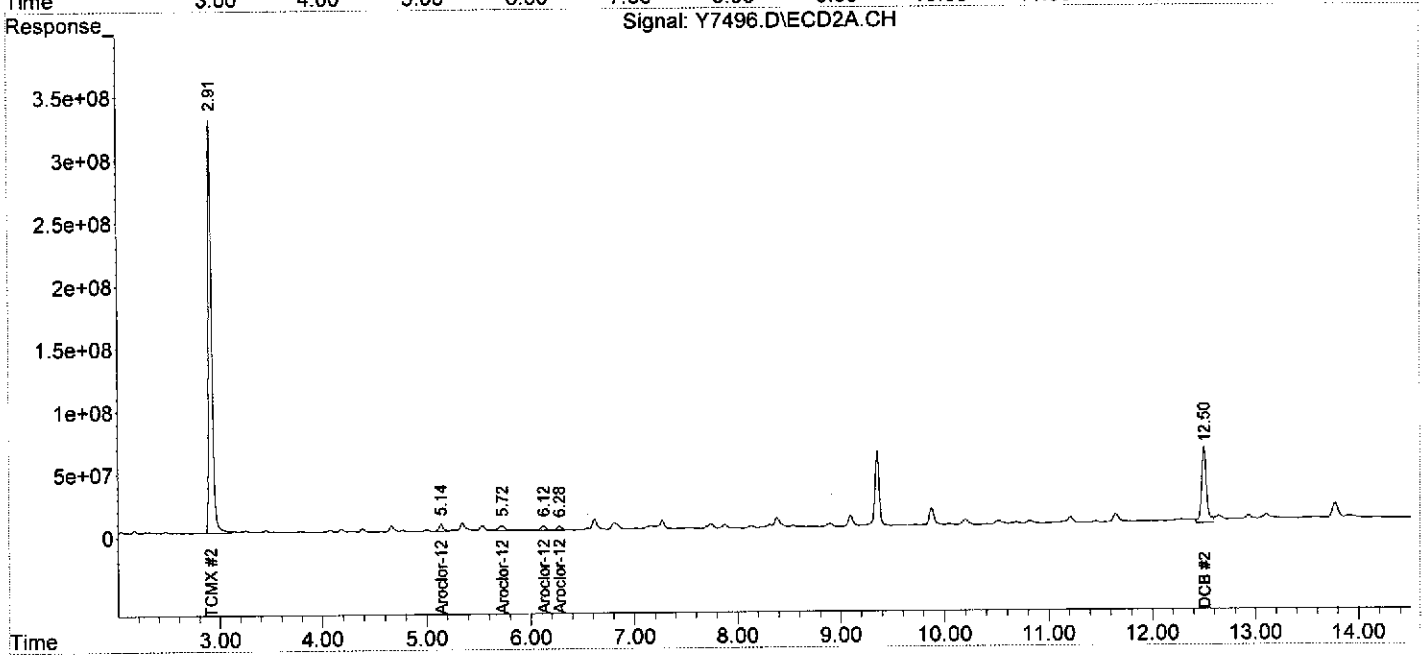
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7496.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 19:39
Operator : YG
Sample : T-22_(0-2.,06968-019,S,5.46g,10.6,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,1
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:22:24 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7497.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 19:56
Operator : YG
Sample : T-22_(2.0-,06968-020,S,5.13g,13.5,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,1
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:22:52 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	23542.2E6	8502.2E6	247.629	243.251
Spiked Amount 200.000			Recovery	=	123.81%	121.63%
2) S DCB	12.10	12.50	3994.9E6	2401.8E6	193.852	279.498m#
Spiked Amount 200.000			Recovery	=	96.93%	139.75%
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

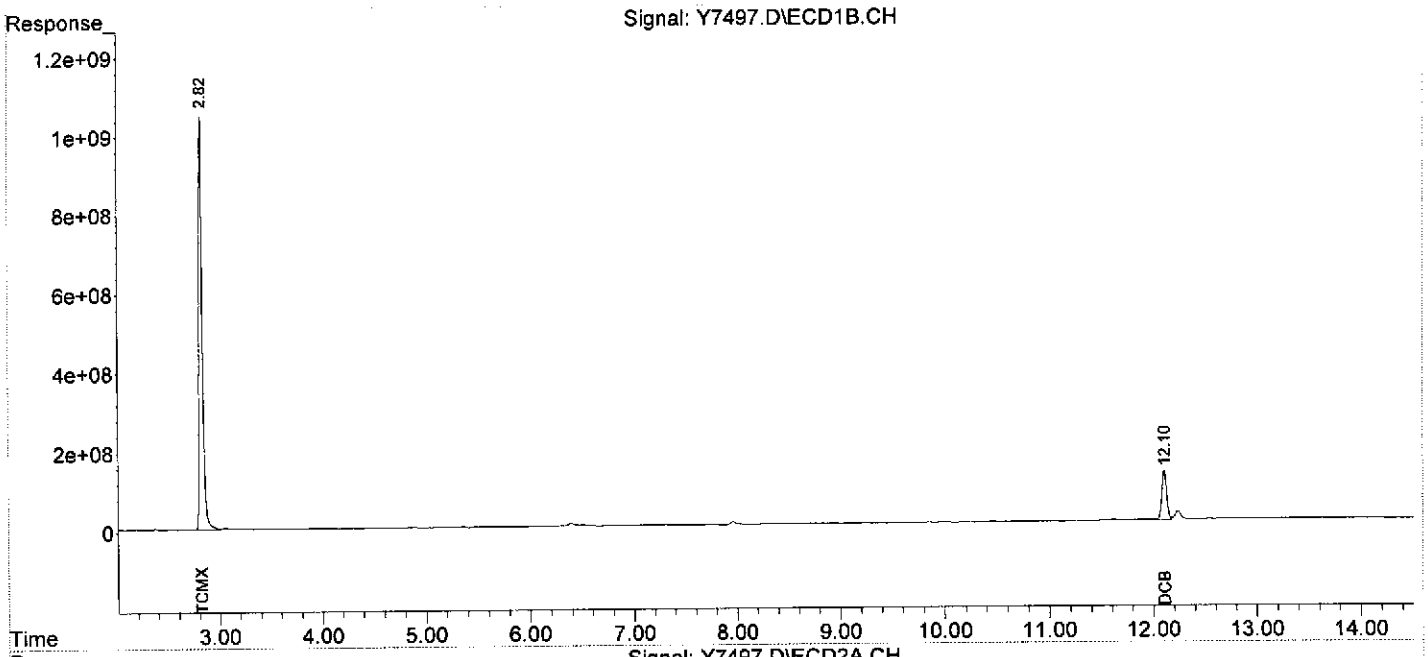
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

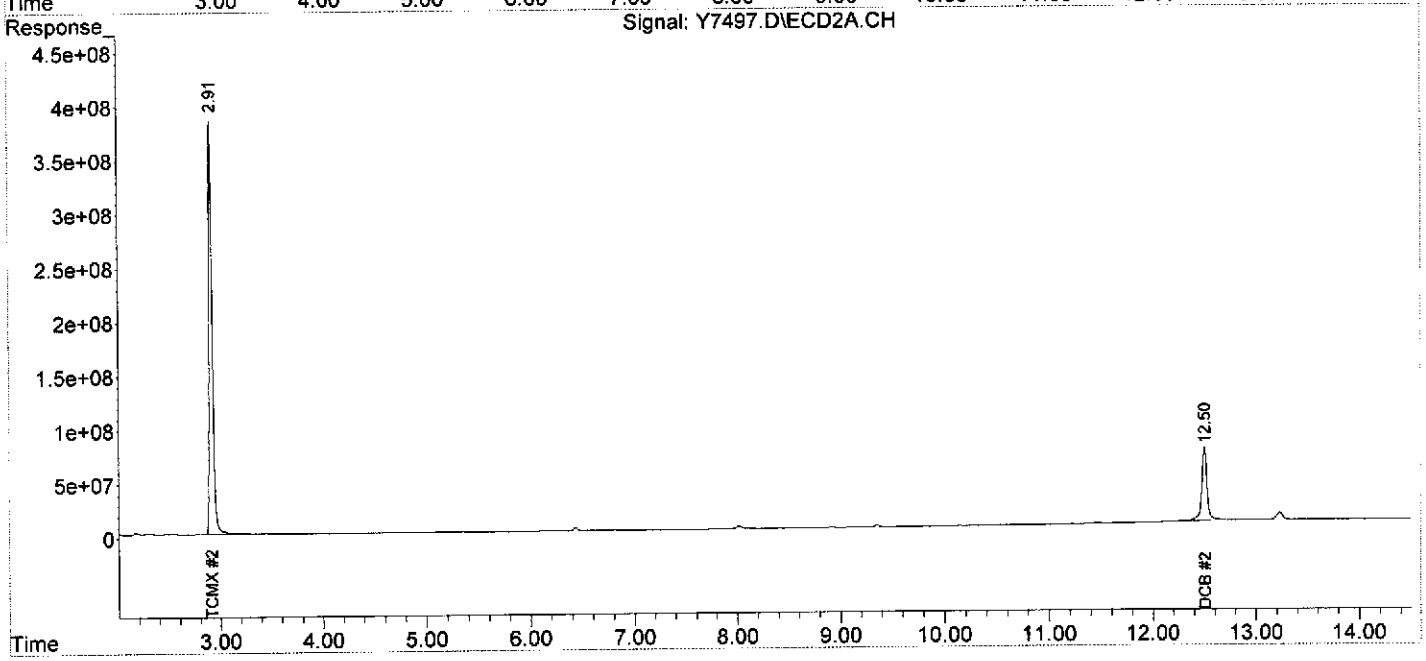
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7497.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 19:56
Operator : YG
Sample : T-22_(2.0-,06968-020,S,5.13g,13.5,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,1
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:22:52 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7498.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 20:14
Operator : YG
Sample : T-22_(4.0-,06968-021,S,5.61g,25.1,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,1
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:26:22 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	22690.9E6	8103.4E6	238.674	231.841
Spiked Amount 200.000			Recovery	=	119.34%	115.92%
2) S DCB	12.10	12.50	4408.0E6	2077.8E6	213.898	241.791
Spiked Amount 200.000			Recovery	=	106.95%	120.90%
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
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

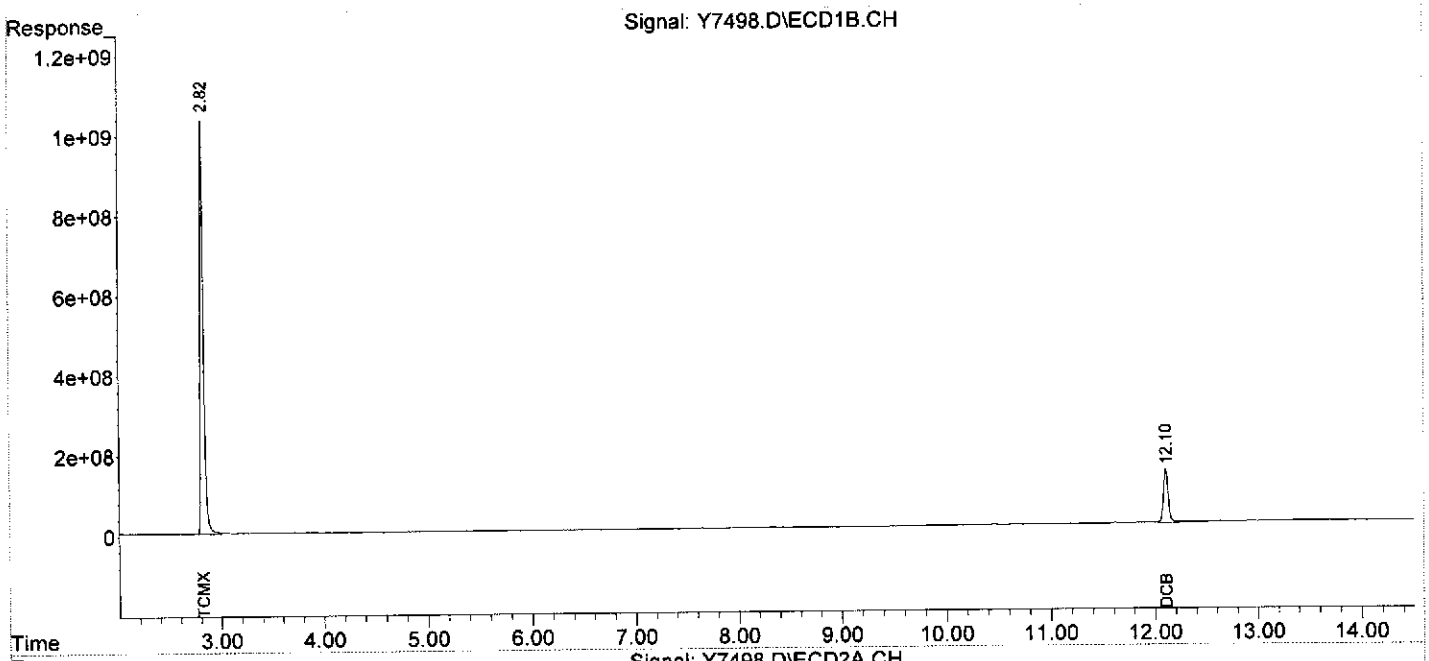
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

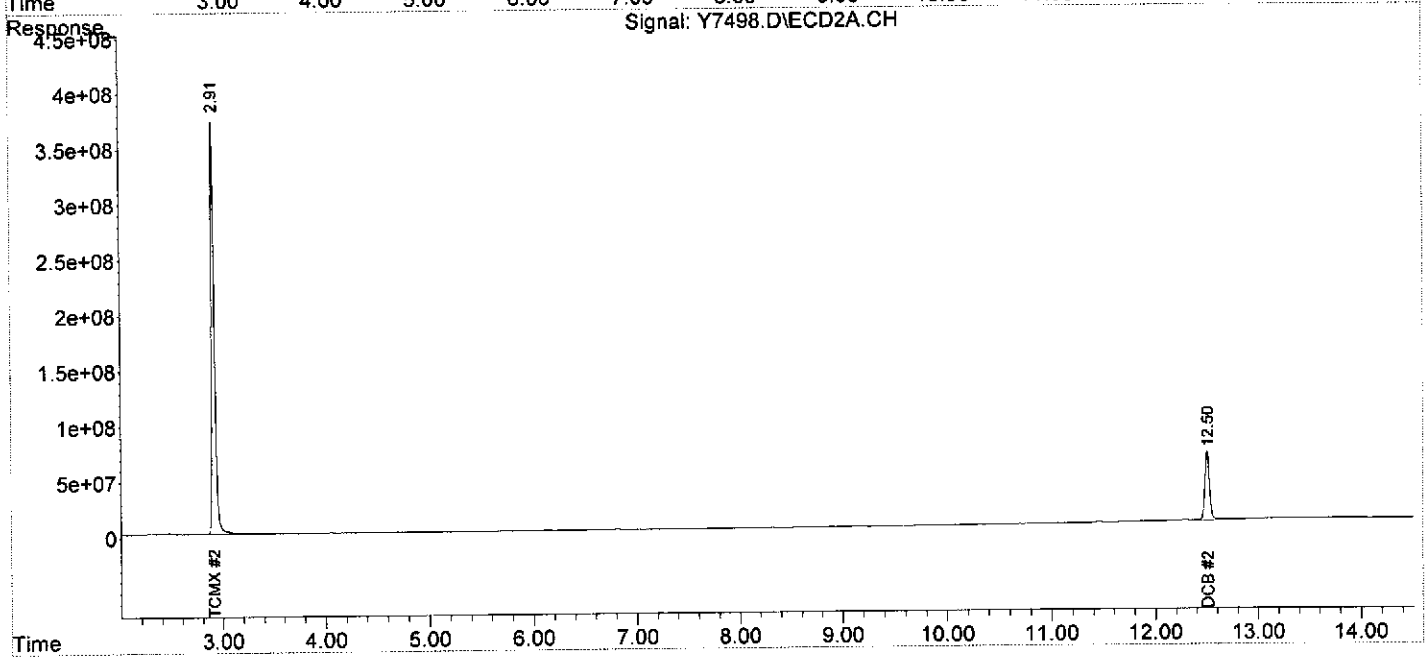
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7498.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 20:14
Operator : YG
Sample : T-22_(4.0-,06968-021,S,5.61g,25.1,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,1
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:26:22 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7499.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 20:31
Operator : YG
Sample : U-22_(0-2.,06968-022,S,5.03g,9.50,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,1
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:28:43 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	16317.7E6	6372.9E6	171.637	182.330
Spiked Amount 200.000			Recovery	=	85.82%	91.17%
2) S DCB	12.10	12.50	4076.7E6	2449.5E6	197.821	285.047 #
Spiked Amount 200.000			Recovery	=	98.91%	142.52%
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	1348.0E6	486.7E6	305.738m	305.323
24) L6 Aroclor-1248 {2}	5.04	5.73	471.3E6	697.3E6	194.451	297.667 #
25) L6 Aroclor-1248 {3}	5.36	6.12	3158.3E6	583.5E6	1029.261m	344.489 #
26) L6 Aroclor-1248 {4}	6.06	6.28	2584.5E6	419.1E6	463.748m	288.308 #
27) L6 Aroclor-1248 {5}	6.33	6.63	1130.0E6	459.7E6	271.269m	547.516 #
Sum Aroclor-1248			8692.1E6	2646.3E6	2264.467	1783.304
Average Aroclor-1248					452.893	356.661
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

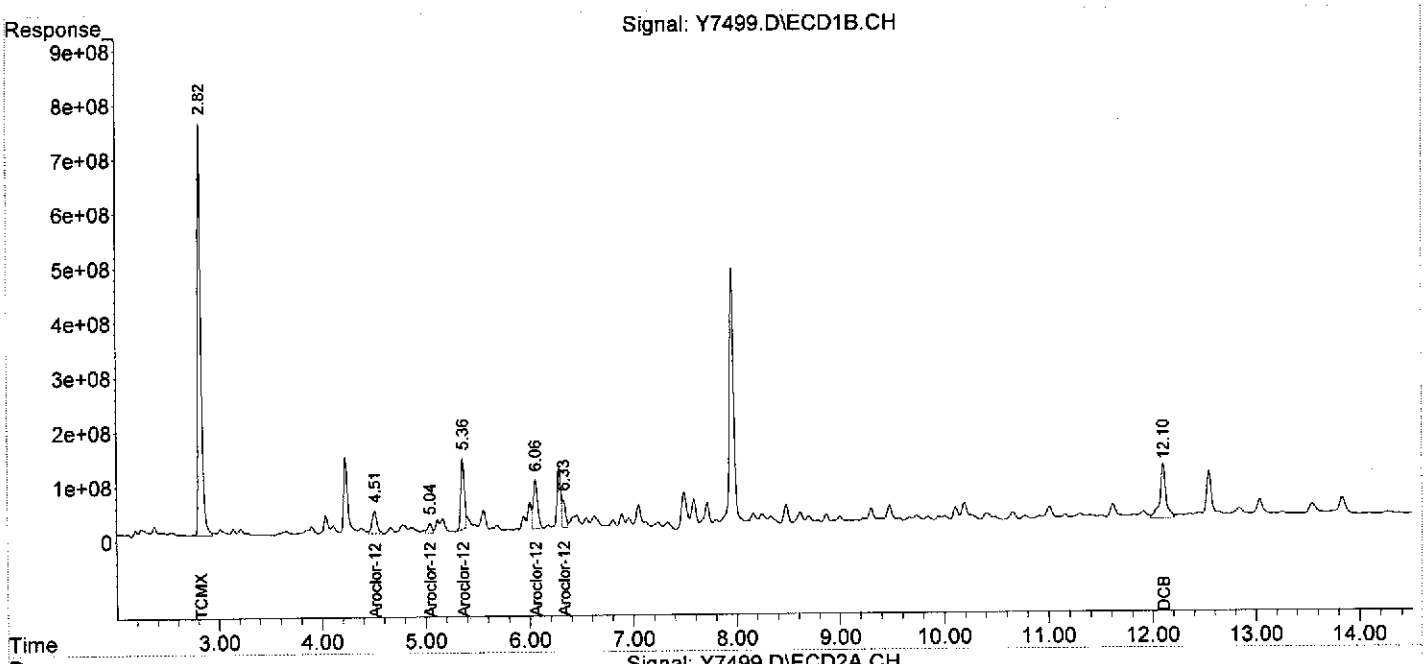
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

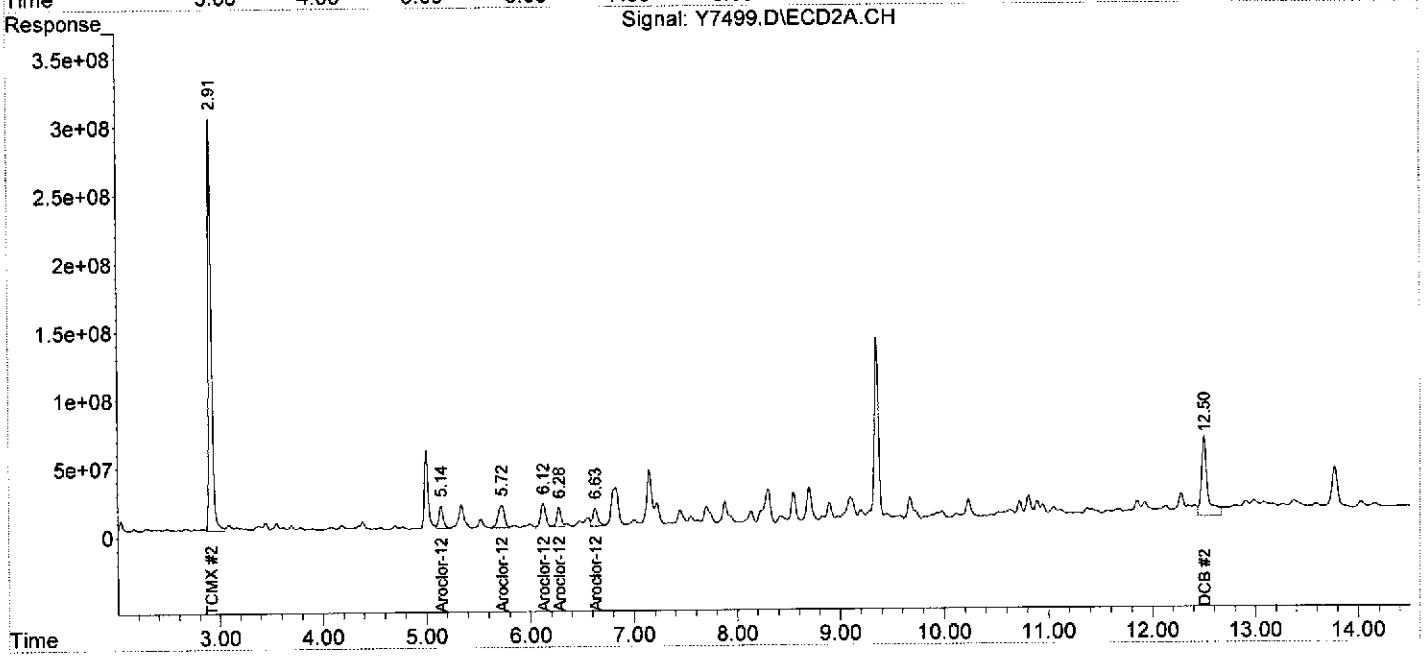
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7499.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 20:31
Operator : YG
Sample : U-22_(0-2.,06968-022,S,5.03g,9.50,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,1
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:28:43 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7500.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 20:48
Operator : YG
Sample : U-22_(2.0-,06968-023,S,5.77g,26.5,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,1
ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:29:52 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	19678.0E6	7487.1E6	206.983	214.209
Spiked Amount 200.000			Recovery	=	103.49%	107.10%
2) S DCB	12.10	12.50	3311.9E6	2224.4E6	160.707	258.851 #
Spiked Amount 200.000			Recovery	=	80.35%	129.43%
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	4.51	5.14	332.5E6	129.8E6	75.416m	81.435
24) L6 Aroclor-1248 {2}	5.05	5.73	102.8E6	132.2E6	42.398m	56.415 #
25) L6 Aroclor-1248 {3}	5.36	6.13	304.4E6	112.8E6	99.212m	66.587 #
26) L6 Aroclor-1248 {4}	6.06	6.28	279.7E6	70691986	50.184m	48.633
27) L6 Aroclor-1248 {5}	6.33	6.63	175.4E6	73508435	42.103m	87.549m#
Sum Aroclor-1248			1194.8E6	519.0E6	309.313	340.620
Average Aroclor-1248					61.863	68.124
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

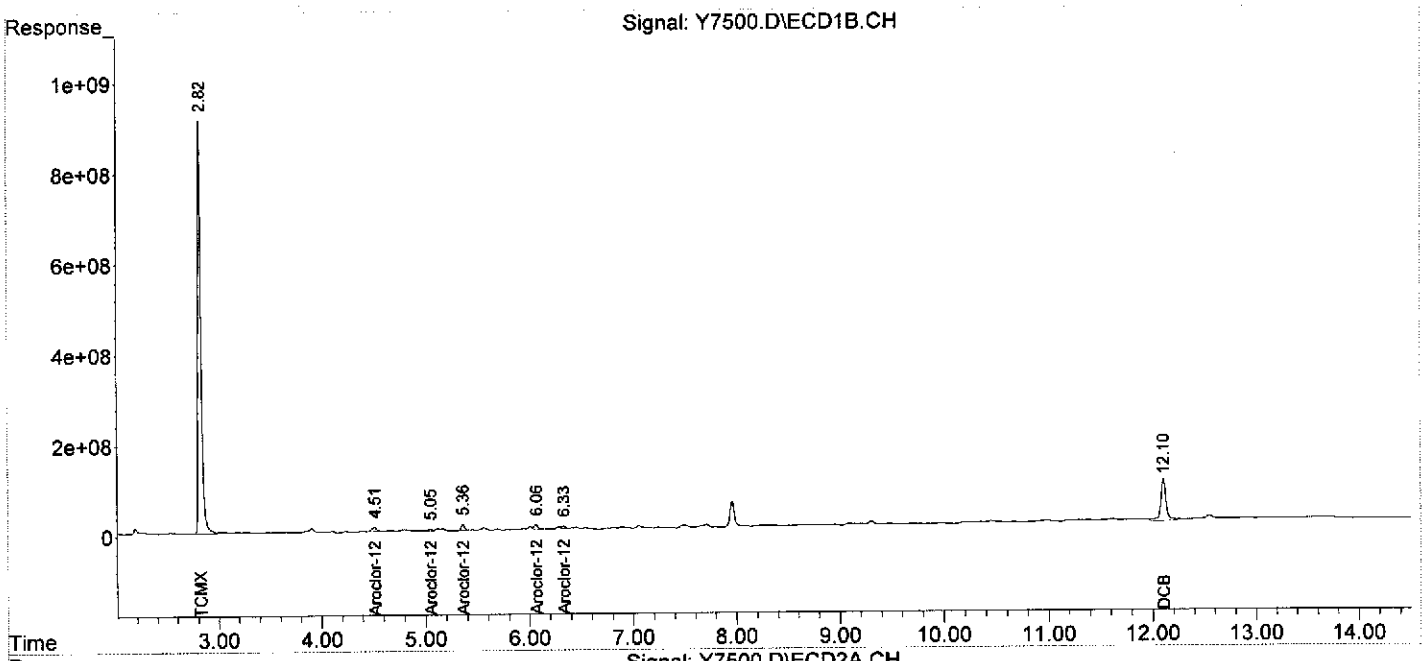
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

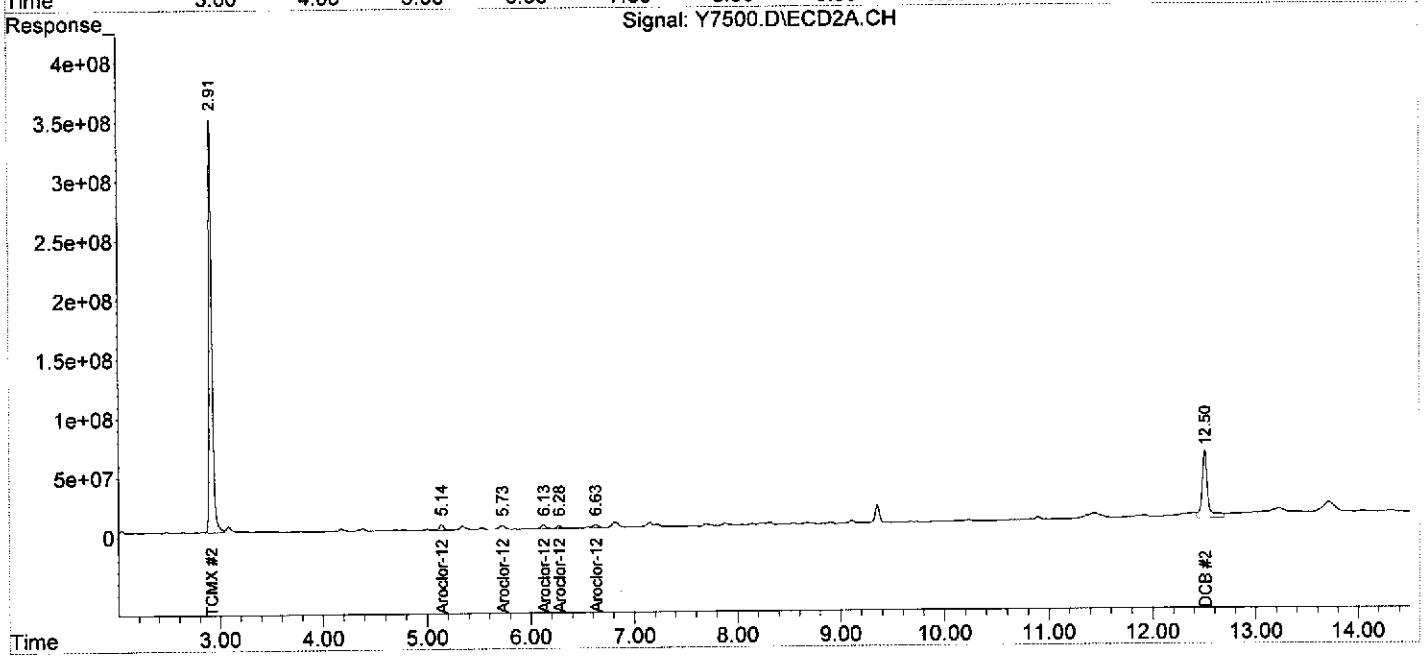
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7500.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 20:48
Operator : YG
Sample : U-22_(2.0-,06968-023,S,5.77g,26.5,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,1
ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:29:52 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7501.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 21:05
Operator : YG
Sample : U-22_(4.0-,06968-024,S,5.74g,21.3,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,1
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:30:20 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	24919.9E6	9083.9E6	262.120	259.891
Spiked Amount 200.000			Recovery	=	131.06%	129.95%
2) S DCB	12.10	12.50	4537.7E6	2210.2E6	220.191	257.194
Spiked Amount 200.000			Recovery	=	110.10%	128.60%
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

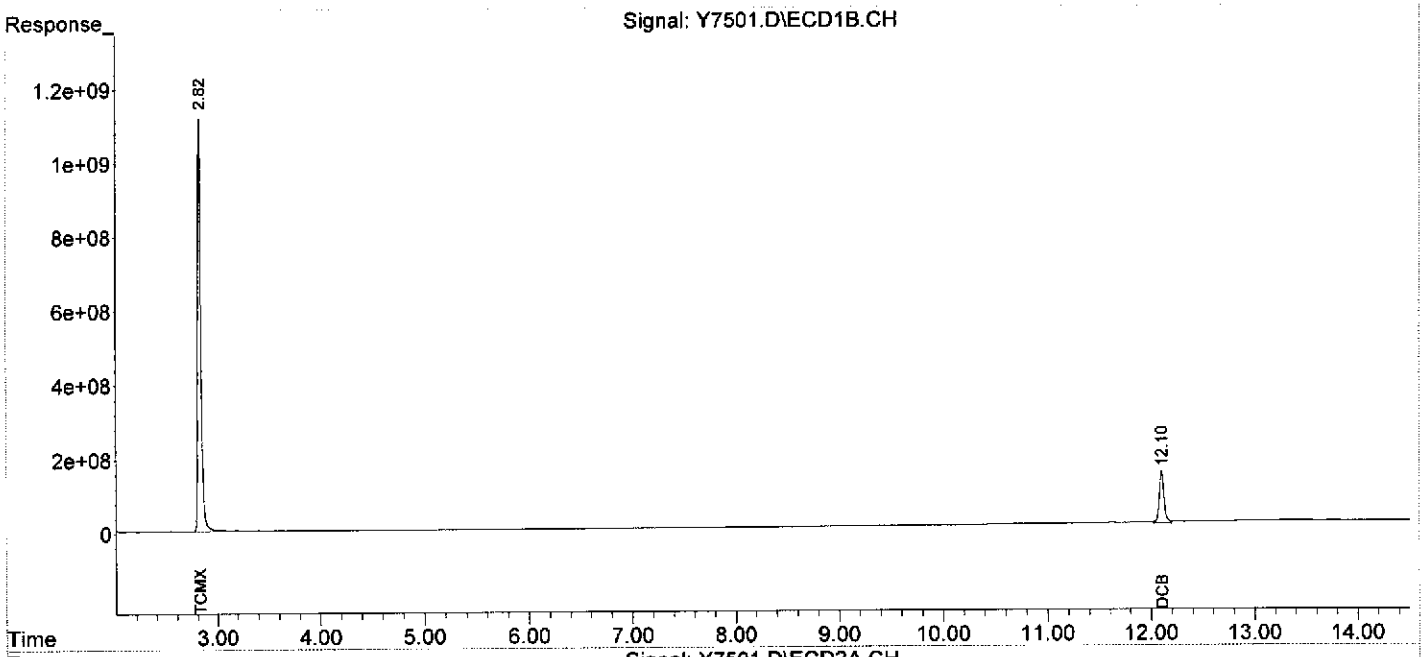
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

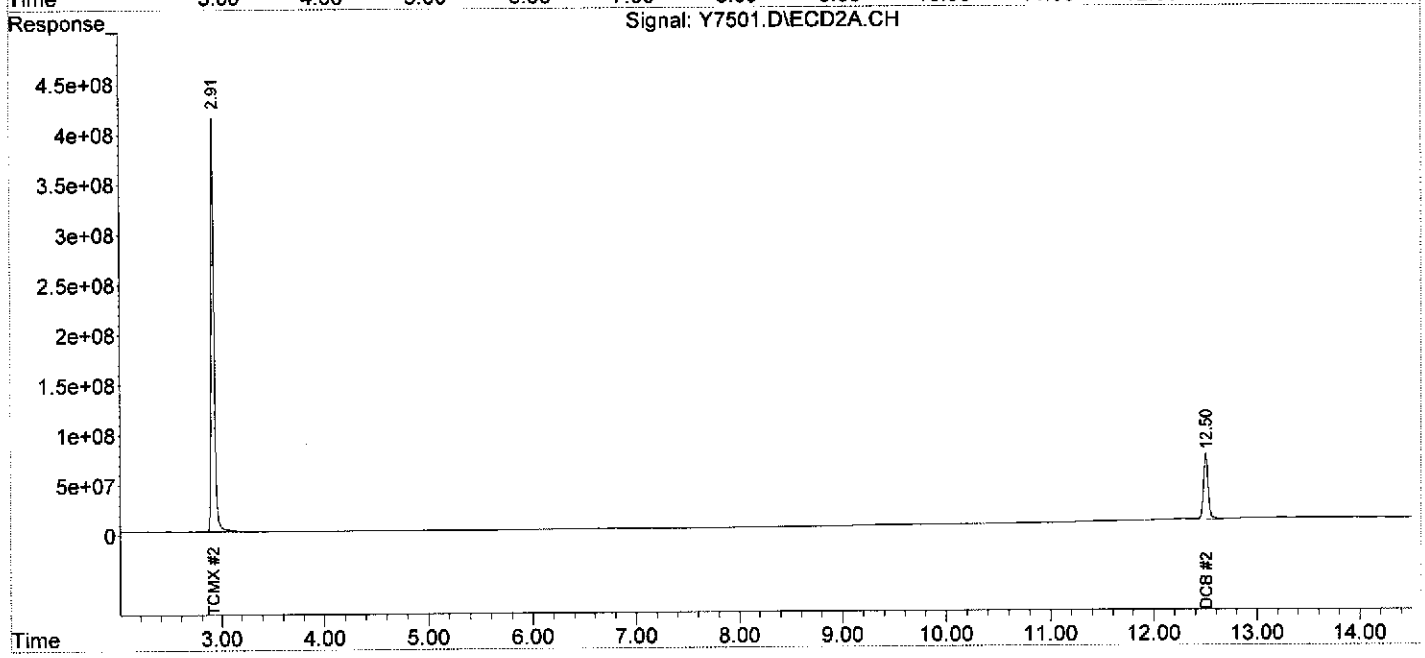
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7501.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 21:05
Operator : YG
Sample : U-22_(4.0-,06968-024,S,5.74g,21.3,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,1
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:30:20 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7502.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 21:22
Operator : YG
Sample : V-22_(0-2.,06968-025,S,5.27g,20.8,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,1
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:33:59 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	17810.7E6	7255.0E6	187.341	207.566
Spiked Amount 200.000			Recovery	=	93.67%	103.78%
2) S DCB	12.10	12.50	4739.9E6	2246.7E6	230.000	261.442
Spiked Amount 200.000			Recovery	=	115.00%	130.72%
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	616.8E6	186.6E6	139.889	117.048
24) L6 Aroclor-1248 {2}	5.05	5.72	413.8E6	601.1E6	170.713	256.612 #
25) L6 Aroclor-1248 {3}	5.37	6.12	1374.6E6	481.3E6	447.981	284.160 #
26) L6 Aroclor-1248 {4}	6.06	6.28	1672.5E6	406.2E6	300.095m	279.482
27) L6 Aroclor-1248 {5}	6.34	6.62	2054.6E6	268.0E6	493.240m	319.212 #
Sum Aroclor-1248			6132.2E6	1943.3E6	1551.919	1256.514
Average Aroclor-1248					310.384	251.303
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.33	7.88	2126.2E6	792.4E6	292.718m	736.877 #
34) L8 Aroclor-1260 {2}	9.00	8.14	2417.7E6	468.0E6	762.930	295.333 #
35) L8 Aroclor-1260 {3}	9.48	9.73	3804.8E6	709.6E6	461.028m	535.648
36) L8 Aroclor-1260 {4}	9.95	10.23	1819.9E6	1536.7E6	440.362m	532.475
37) L8 Aroclor-1260 {5}	11.01	10.81	2074.7E6	1794.1E6	1232.729m	882.677 #
Sum Aroclor-1260			12243.2E6	5300.8E6	3189.767	2983.009
Average Aroclor-1260					637.953	596.602
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 : Y7502.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 21:22
Operator : YG
Sample : V-22_(0-2.,06968-025,S,5.27g,20.8,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,1
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:33:59 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

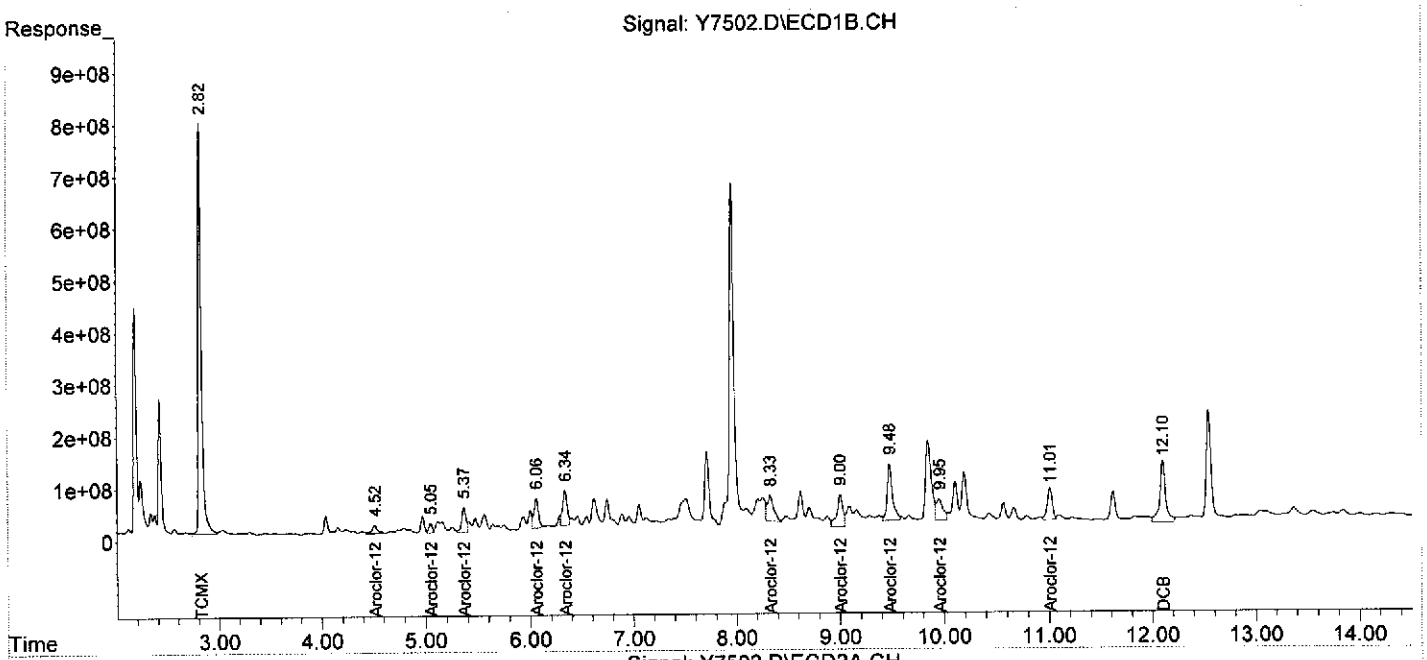
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

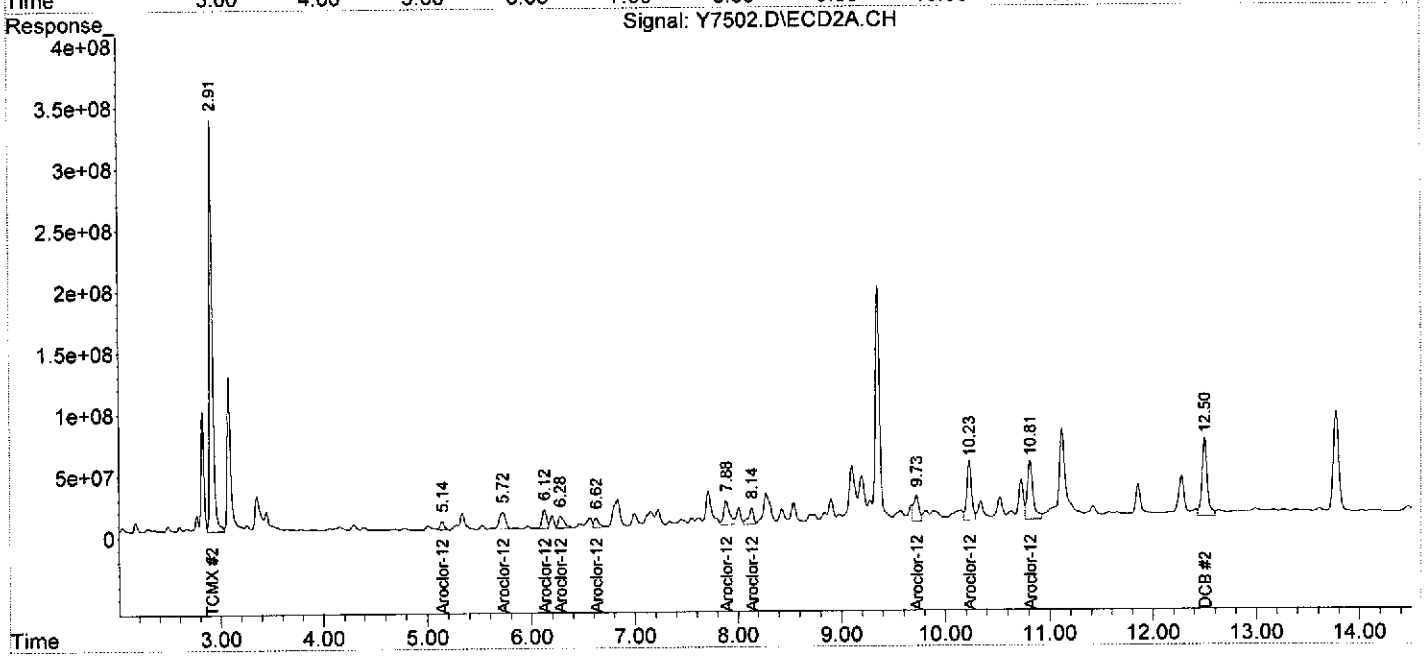
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7502.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 21:22
Operator : YG
Sample : V-22_(0-2.,06968-025,S,5.27g,20.8,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,1
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:33:59 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7503.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 21:40
Operator : YG
Sample : V-22_(2.0-,06968-026,S,5.21g,11.4,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,1
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:34:29 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	20276.2E6	7371.8E6	213.275	210.908
Spiked Amount 200.000			Recovery	=	106.64%	105.45%
2) S DCB	12.10	12.50	3612.1E6	1834.9E6	175.278	213.518
Spiked Amount 200.000			Recovery	=	87.64%	106.76%
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

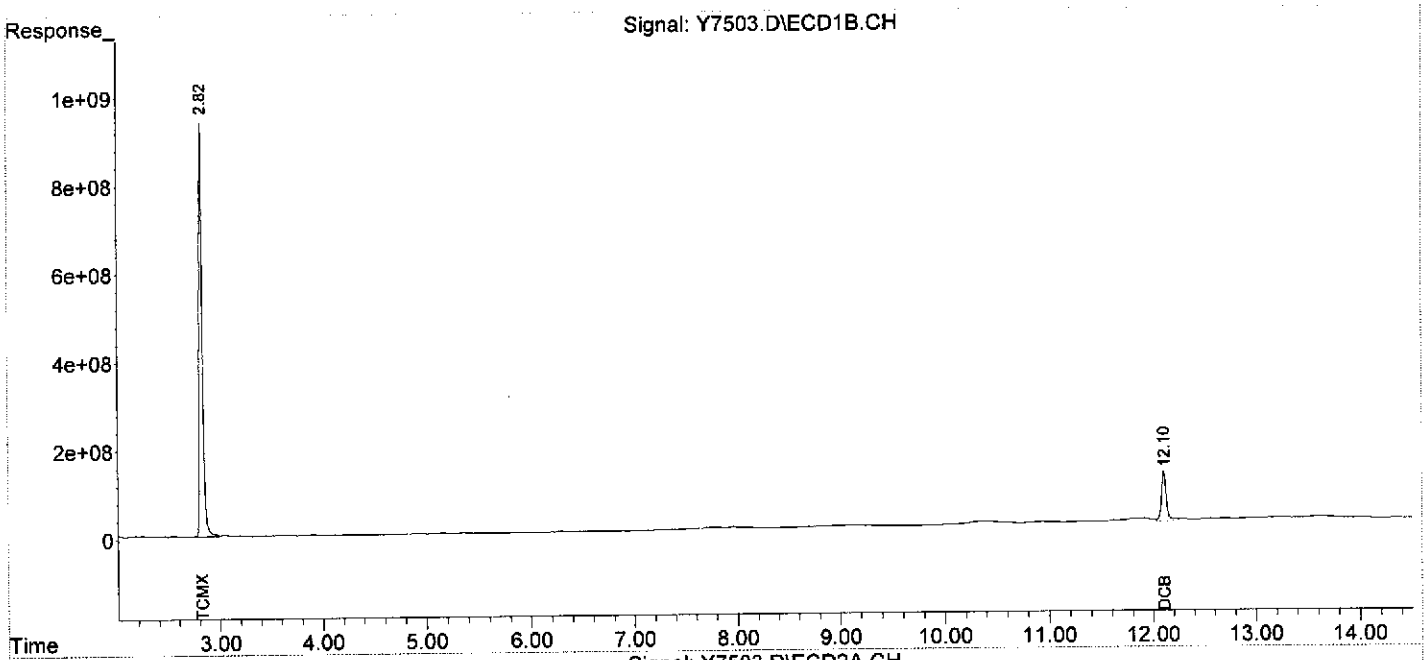
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

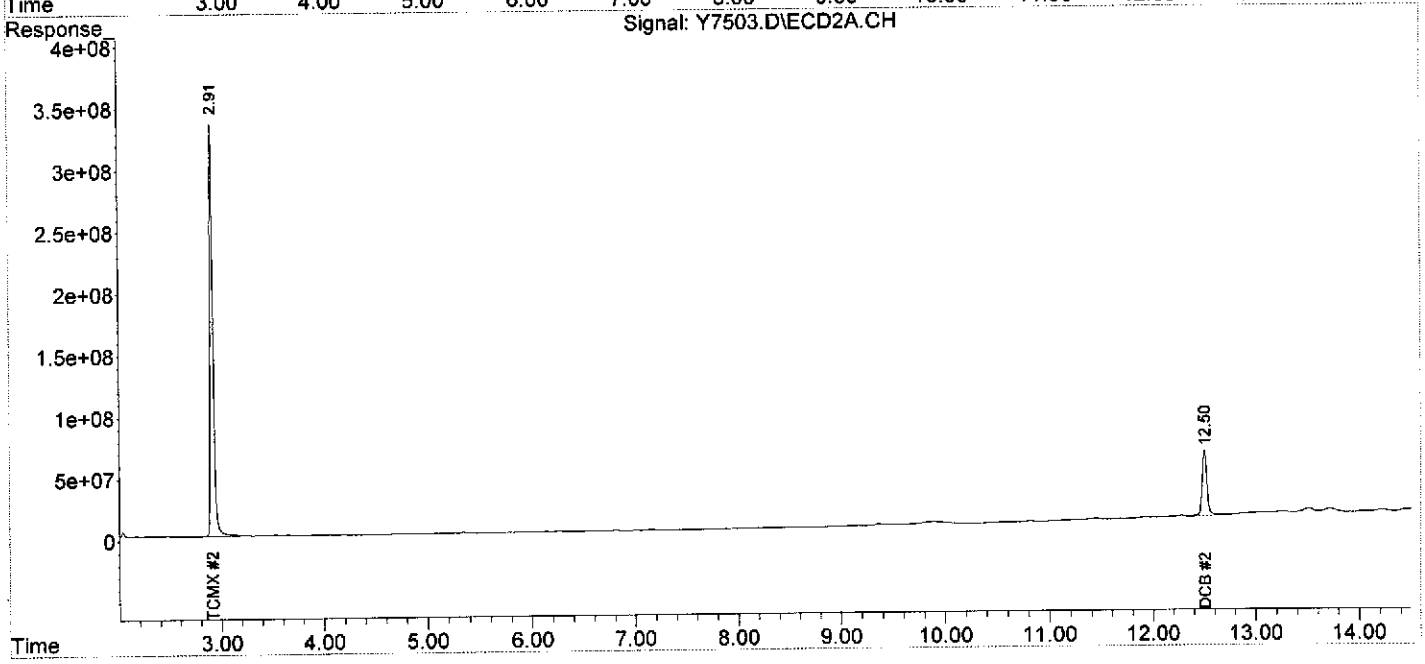
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7503.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 21:40
Operator : YG
Sample : V-22_(2.0-,06968-026,S,5.21g,11.4,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,1
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:34:29 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7504.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 21:57
Operator : YG
Sample : V-22_(4.0-,06968-027,S,5.30g,17.8,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,1
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:34:52 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	21856.5E6	8114.6E6	229.898	232.162
Spiked Amount 200.000			Recovery	=	114.95%	116.08%
2) S DCB	12.10	12.50	3914.0E6	2011.7E6	189.925	234.091
Spiked Amount 200.000			Recovery	=	94.96%	117.05%
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

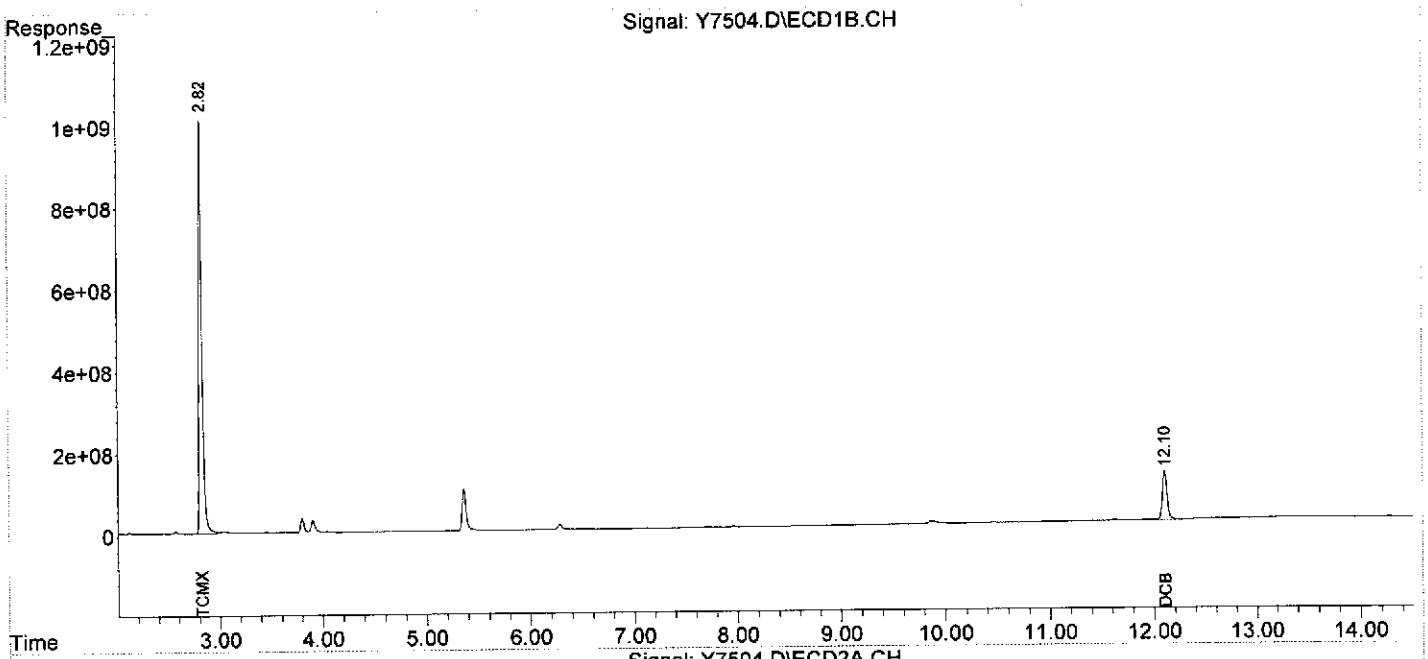
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

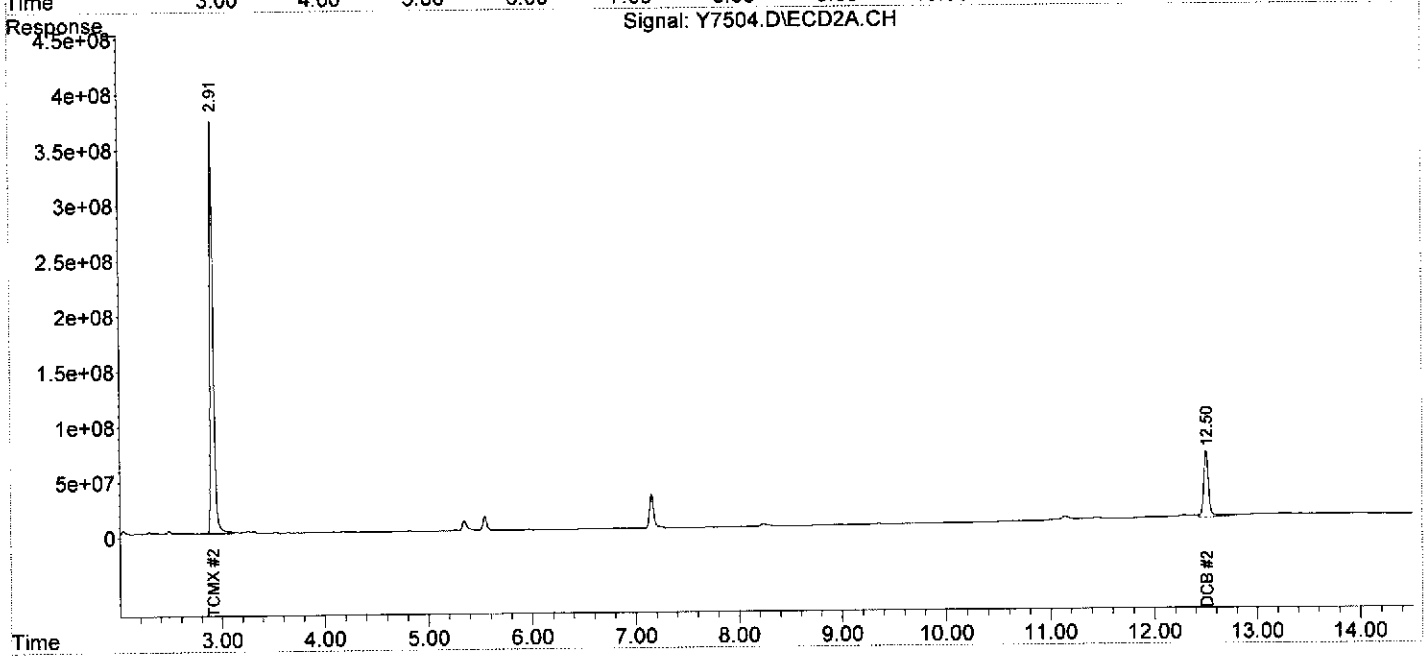
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7504.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 21:57
Operator : YG
Sample : V-22_(4.0-,06968-027,S,5.30g,17.8,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,1
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:34:52 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7505.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 22:14
Operator : YG
Sample : V-21_(0-2.,06968-028,S,5.25g,18.9,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,1
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:36:07 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	17365.7E6	7916.9E6	182.661	226.503	
Spiked Amount 200.000				Recovery	=	91.33%	113.25%	
2) S DCB		12.10	12.50	4512.3E6	2064.3E6	218.957	240.220m	
Spiked Amount 200.000				Recovery	=	109.48%	120.11%	
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	
23) L6 Aroclor-1248		4.52	5.14	1251.9E6	403.6E6	283.955	253.192	
24) L6 Aroclor-1248	{2}	5.05	5.72	822.3E6	1146.9E6	339.280	489.591	#
25) L6 Aroclor-1248	{3}	5.36	6.12	3532.7E6	861.9E6	1151.288m	508.844	#
26) L6 Aroclor-1248	{4}	6.06	6.28	1819.2E6	696.1E6	326.418m	478.875	#
27) L6 Aroclor-1248	{5}	6.33	6.62	1452.1E6	371.6E6	348.605m	442.613	#
Sum Aroclor-1248				8878.3E6	3480.2E6	2449.546	2173.115	
Average Aroclor-1248						489.909	434.623	
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	

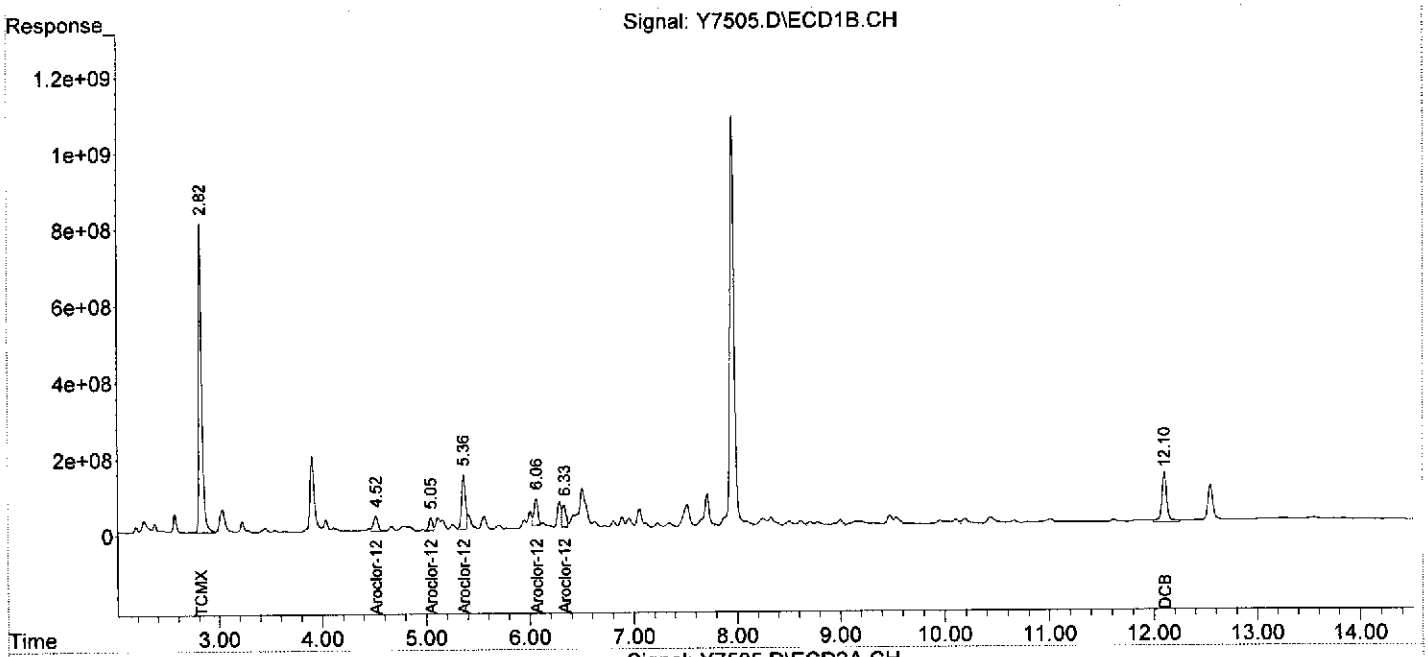
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

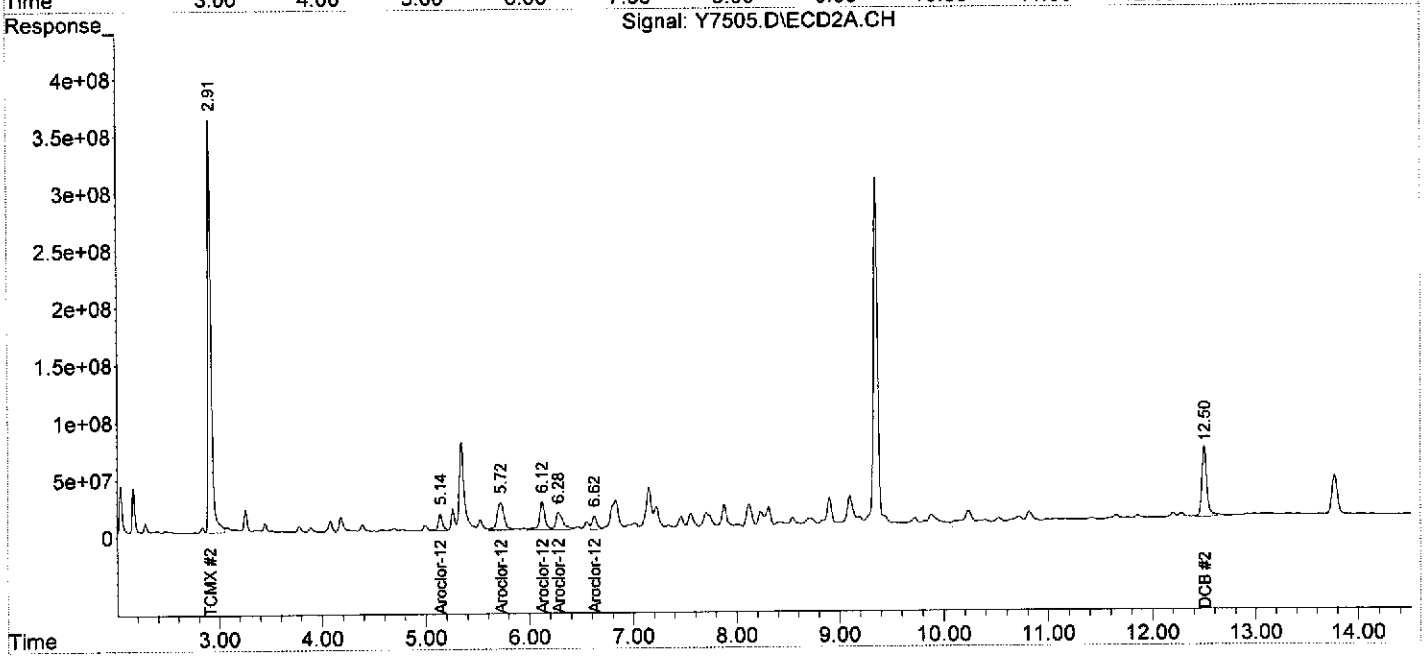
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7505.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 22:14
Operator : YG
Sample : V-21_(0-2.,06968-028,S,5.25g,18.9,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,1
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:36:07 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7506.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 22:31
Operator : YG
Sample : V-21_(2.0-,06968-029,S,5.68g,24.6,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,1
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:36:34 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	23506.6E6	9035.4E6	247.254	258.506
Spiked Amount 200.000			Recovery	=	123.63%	129.25%
2) S DCB	12.11	12.50	4454.1E6	2770.5E6	216.134	322.395 #
Spiked Amount 200.000			Recovery	=	108.07%	161.20%
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

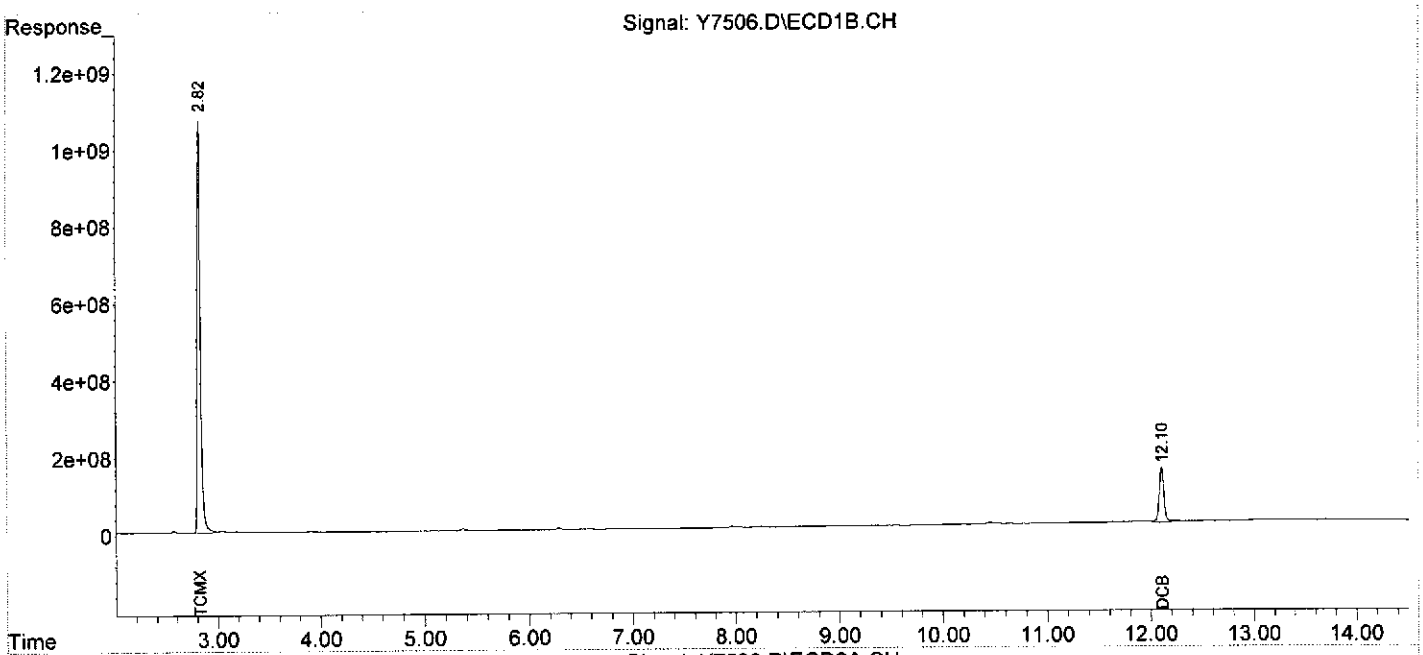
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

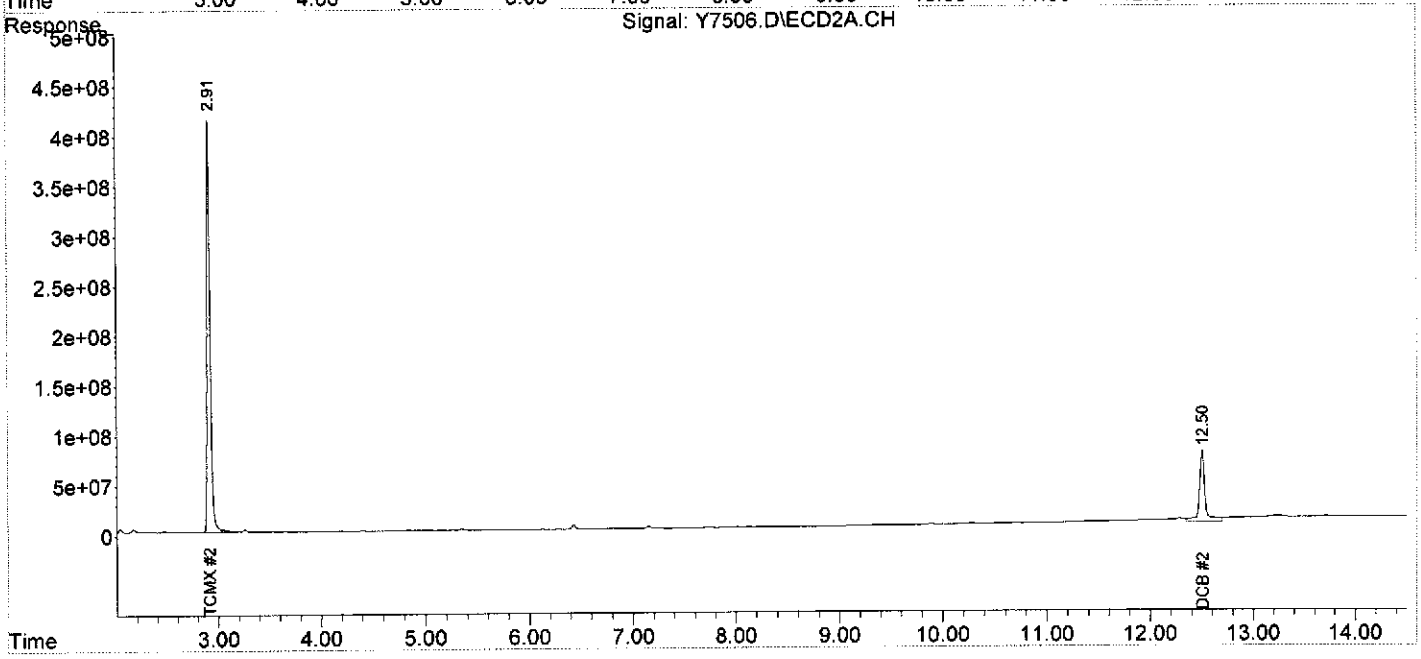
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7506.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 22:31
Operator : YG
Sample : V-21_(2.0-,06968-029,S,5.68g,24.6,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,1
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:36:34 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7507.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 22:48
Operator : YG
Sample : V-21_(4.0-,06968-030,S,5.51g,36.6,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,1
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:36:57 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	23564.0E6	8668.4E6	247.858	248.005
Spiked Amount 200.000			Recovery	=	123.93%	124.00%
2) S DCB	12.10	12.50	3673.0E6	1856.3E6	178.232	216.016m
Spiked Amount 200.000			Recovery	=	89.12%	108.01%
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

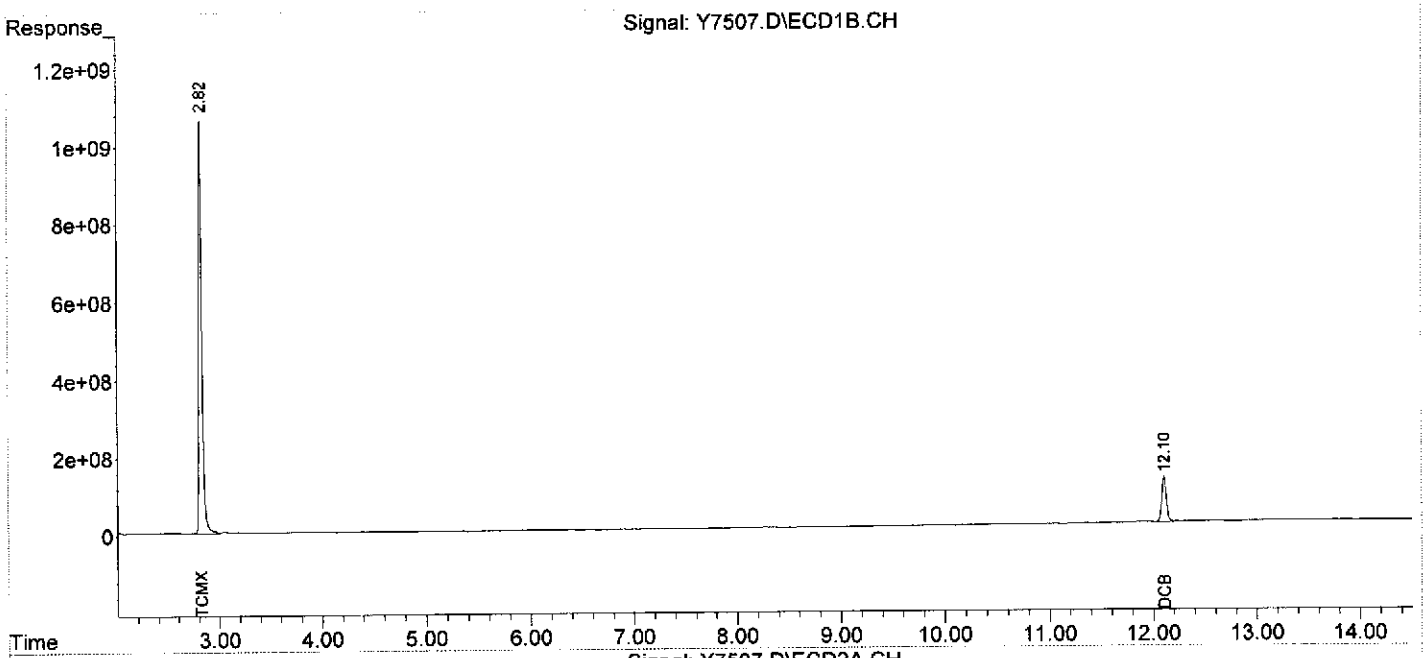
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

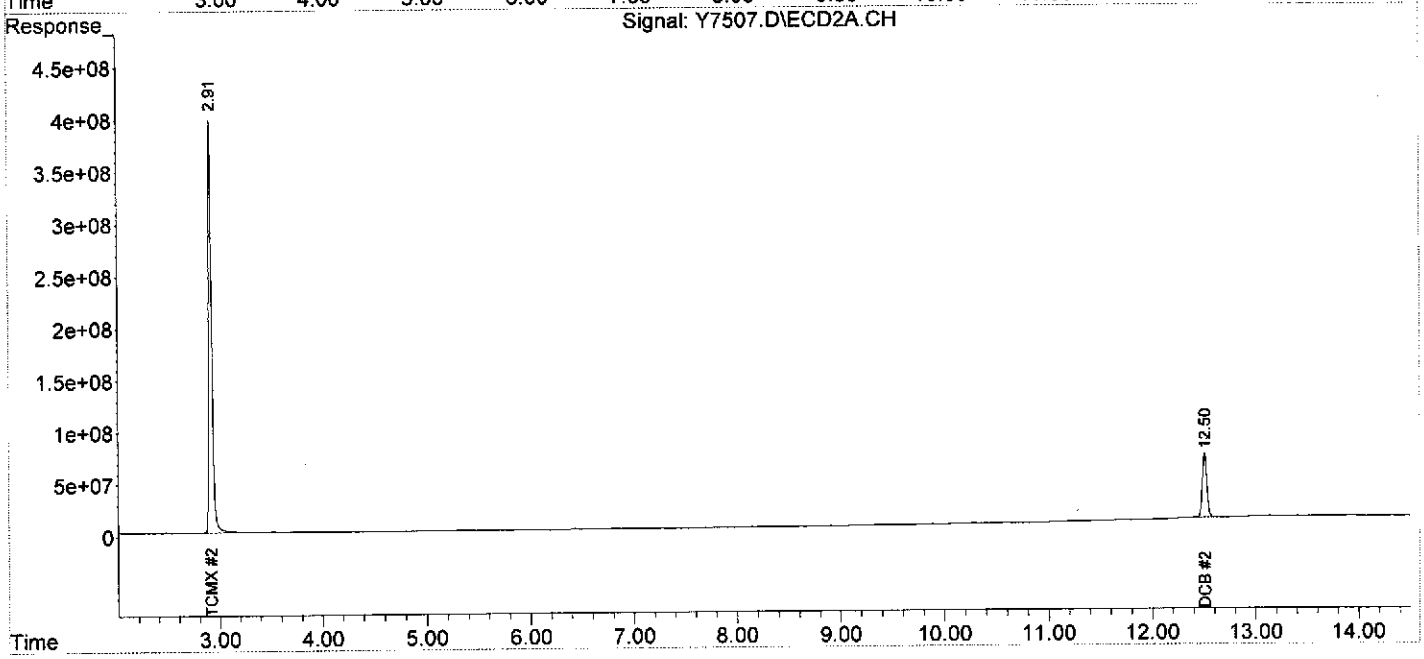
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7507.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 22:48
Operator : YG
Sample : V-21_(4.0-,06968-030,S,5.51g,36.6,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,1
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:36:57 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7508.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 23:06
Operator : YG
Sample : U-21_(0-2.,06968-031,S,5.47g,14.7,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,100
ALS Vial : 35 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:38:53 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						
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	114.6E6	47406648	25.991	29.739
24) L6 Aroclor-1248 {2}	5.05	5.72	130.3E6	150.0E6	53.764	64.034
25) L6 Aroclor-1248 {3}	5.37	6.13	214.1E6	136.7E6	69.784	80.677
26) L6 Aroclor-1248 {4}	6.06	6.28	384.3E6	83710516	68.952	57.590
27) L6 Aroclor-1248 {5}	6.29	6.63	553.0E6	46414177	132.750	55.279 #
Sum Aroclor-1248			1396.3E6	464.2E6	351.240	287.318
Average Aroclor-1248					70.248	57.464
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

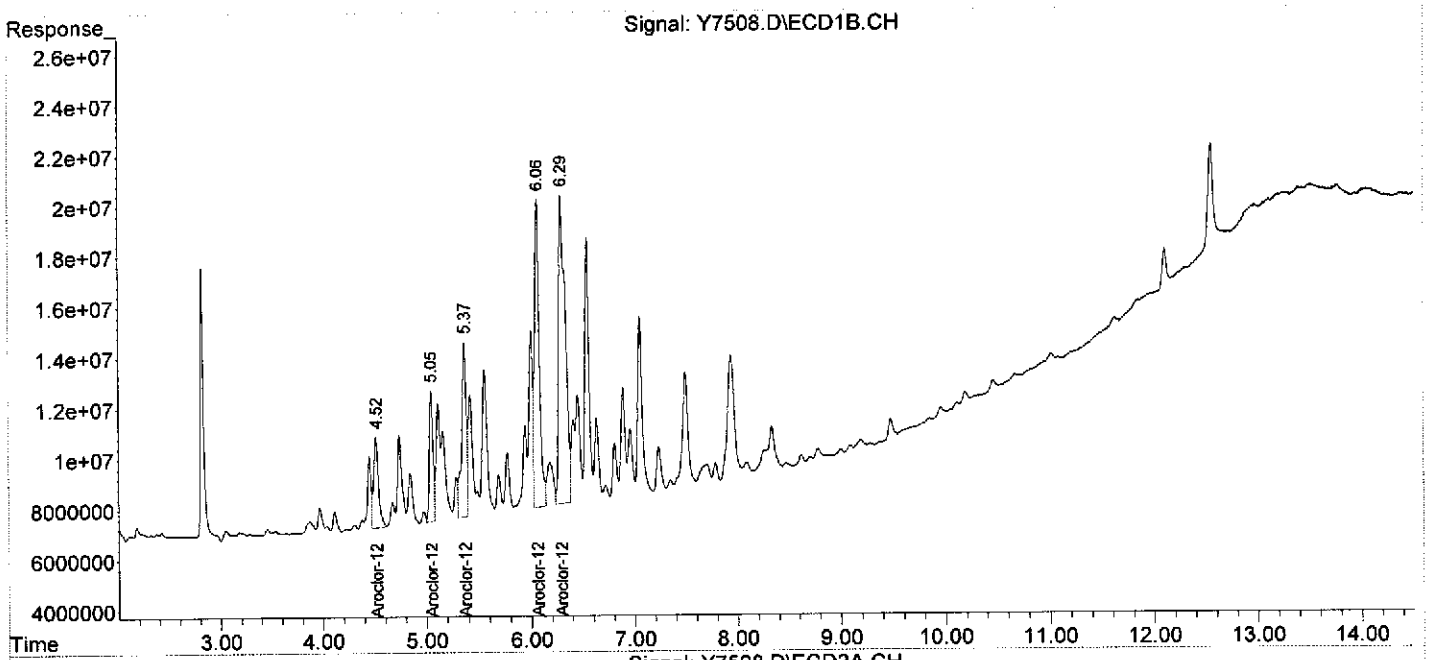
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

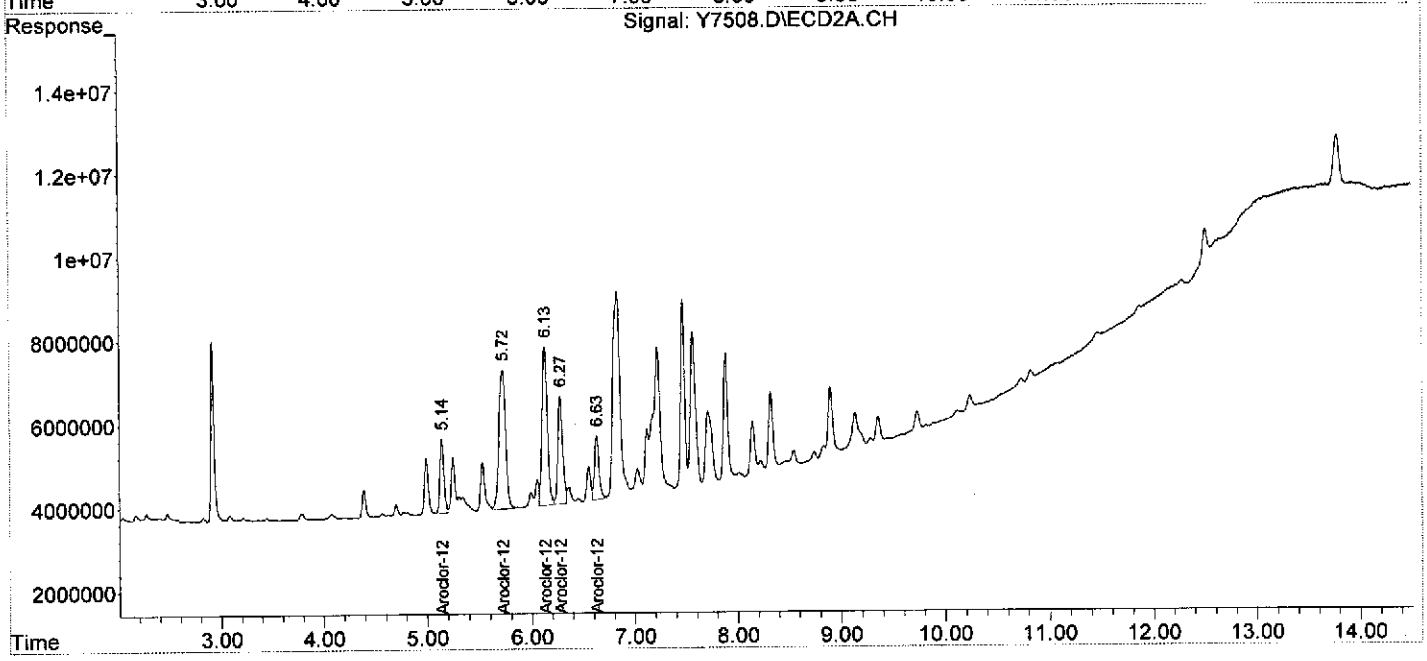
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7508.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 23:06
Operator : YG
Sample : U-21_(0-2.,06968-031,S,5.47g,14.7,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,100
ALS Vial : 35 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:38:53 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7509.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 23:23
Operator : YG
Sample : U-21_(2.0-,06968-032,S,5.50g,59.2,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,1
ALS Vial : 36 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:40:52 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	22443.1E6	9541.0E6	236.067	272.970
Spiked Amount 200.000			Recovery	=	118.03%	136.49%
2) S DCB	12.10	12.50	4699.6E6	2226.9E6	228.046	259.141m
Spiked Amount 200.000			Recovery	=	114.02%	129.57%
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	407.7E6	92633422	92.475	58.110m#
24) L6 Aroclor-1248 {2}	5.04	5.73	201.9E6	174.7E6	83.305	74.576m
25) L6 Aroclor-1248 {3}	0.00	6.12	0	152.0E6	N.D. d	89.714m#
26) L6 Aroclor-1248 {4}	6.06	6.27	466.3E6	117.8E6	83.675m	81.057m
27) L6 Aroclor-1248 {5}	6.31	6.62	368.6E6	95920331	88.487m	114.241m#
Sum Aroclor-1248			1444.6E6	633.0E6	347.942	417.698
Average Aroclor-1248					86.986	83.540
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

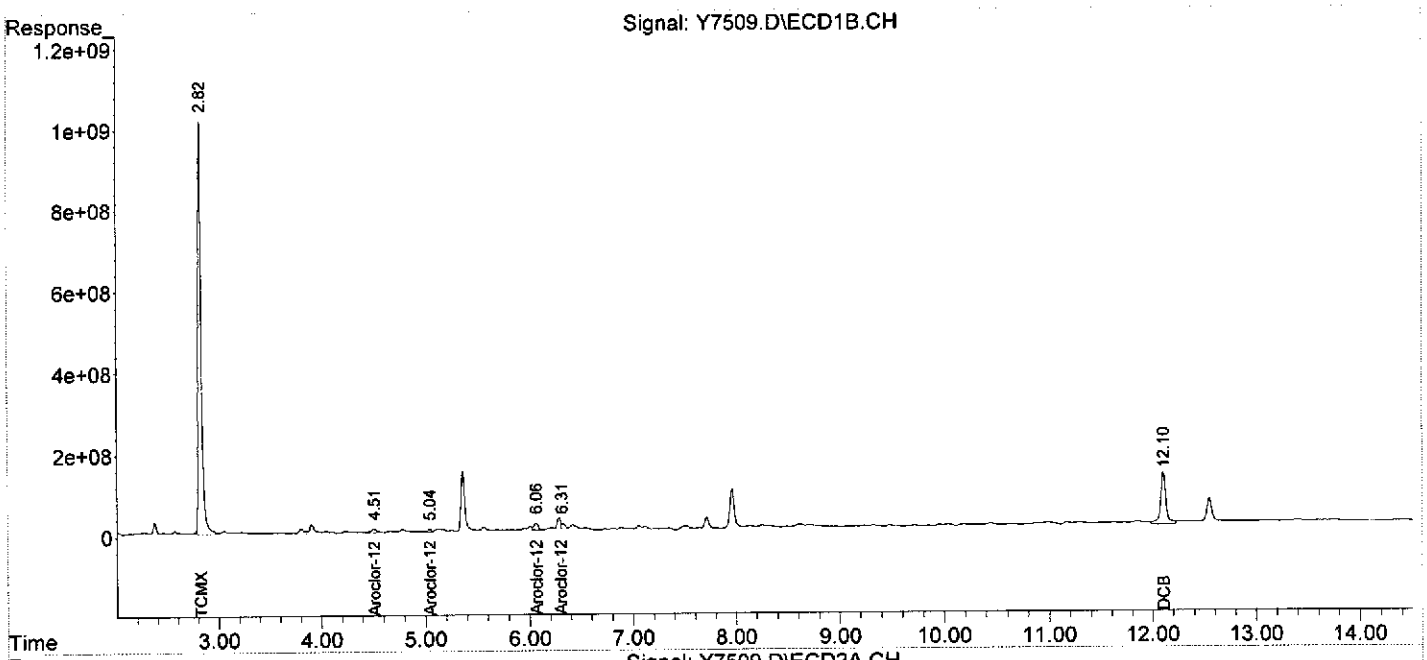
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

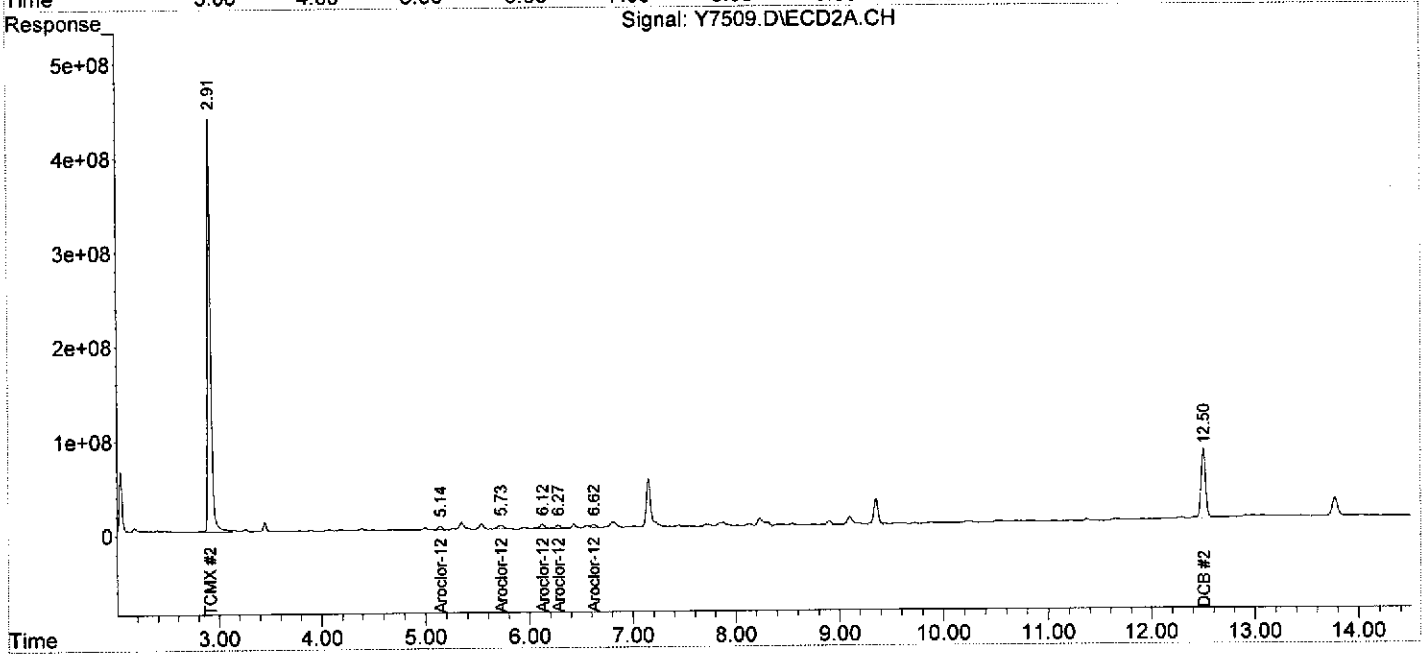
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7509.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 23:23
Operator : YG
Sample : U-21_(2.0-,06968-032,S,5.50g,59.2,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,1
ALS Vial : 36 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:40:52 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7510.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 23:40
Operator : YG
Sample : U-21_(4.0-,06968-033,S,5.48g,24.9,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,1
ALS Vial : 37 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:41:19 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	22423.6E6	8227.8E6	235.862	235.398
Spiked Amount 200.000			Recovery	=	117.93%	117.70%
2) S DCB	12.10	12.50	3858.8E6	2111.3E6	187.245	245.685 #
Spiked Amount 200.000			Recovery	=	93.62%	122.84%
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

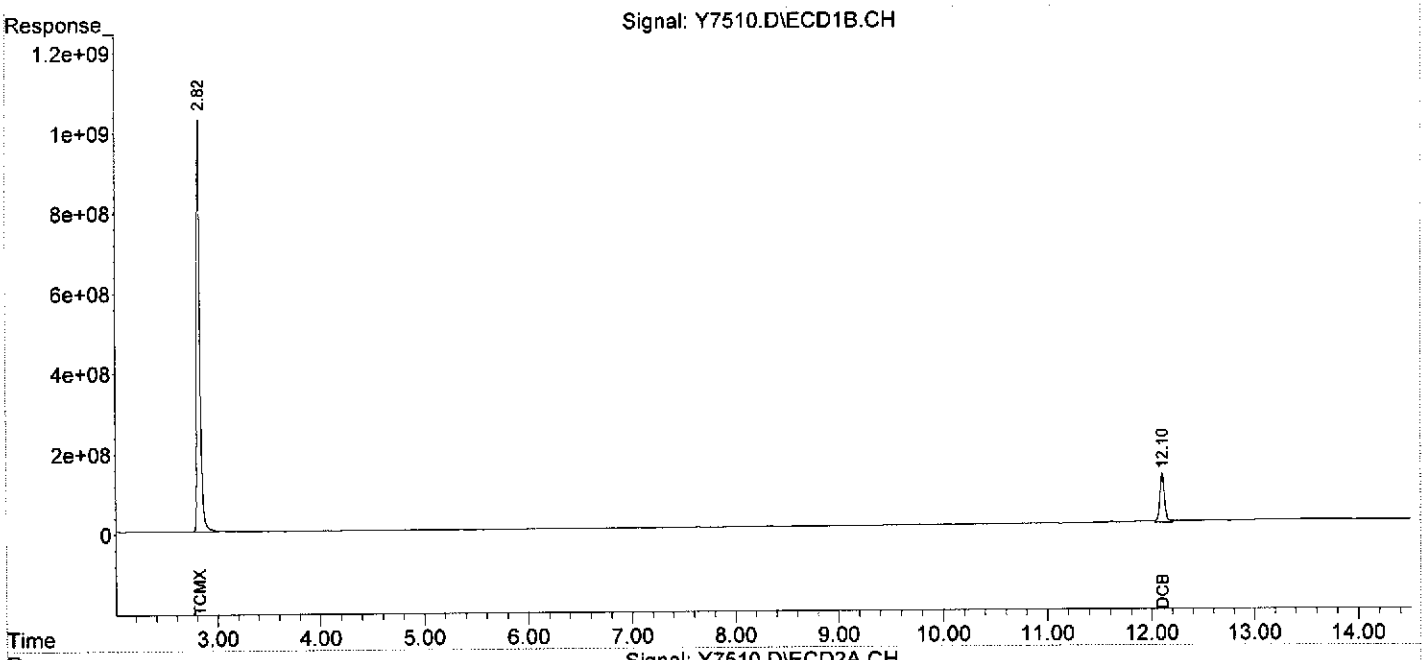
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

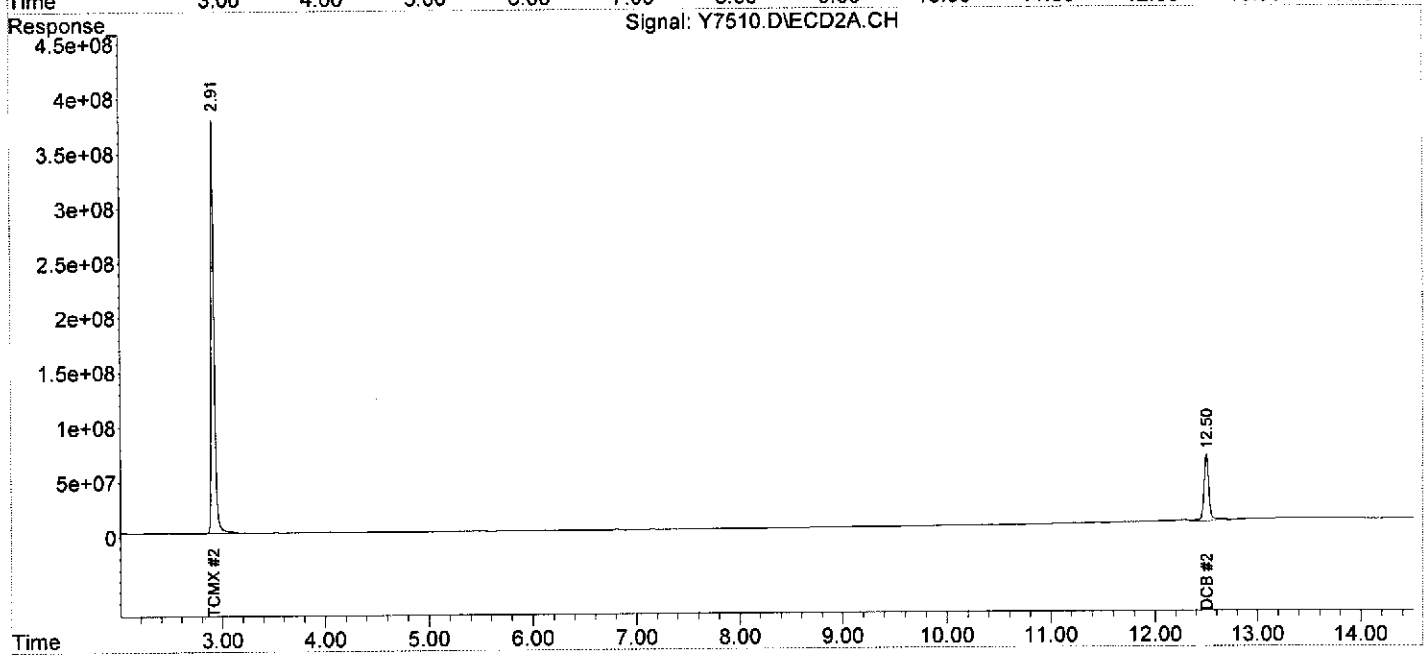
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7510.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 23:40
Operator : YG
Sample : U-21_(4.0-,06968-033,S,5.48g,24.9,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,1
ALS Vial : 37 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:41:19 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7511.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 23:57
Operator : YG
Sample : T-21_(0-2.,06968-034,S,5.52g,17.7,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,10
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:41:50 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	2528.3E6	930.2E6	26.594	26.613
Spiked Amount 200.000			Recovery =		13.30%	13.31%
2) S DCB	12.10	12.50	500.5E6	200.1E6	24.286m	23.281m
Spiked Amount 200.000			Recovery =		12.14%	11.64%
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	1055.8E6	388.5E6	239.478	243.726
24) L6 Aroclor-1248 {2}	5.05	5.72	929.4E6	1004.0E6	383.464	428.578
25) L6 Aroclor-1248 {3}	5.37	6.12	1454.7E6	799.9E6	474.082	472.249
26) L6 Aroclor-1248 {4}	6.06	6.28	2922.7E6	585.8E6	524.425	403.017
27) L6 Aroclor-1248 {5}	6.33	6.63	2151.7E6	334.9E6	516.553	398.912
Sum Aroclor-1248			8514.4E6	3113.2E6	2138.002	1946.482
Average Aroclor-1248					427.600	389.296
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

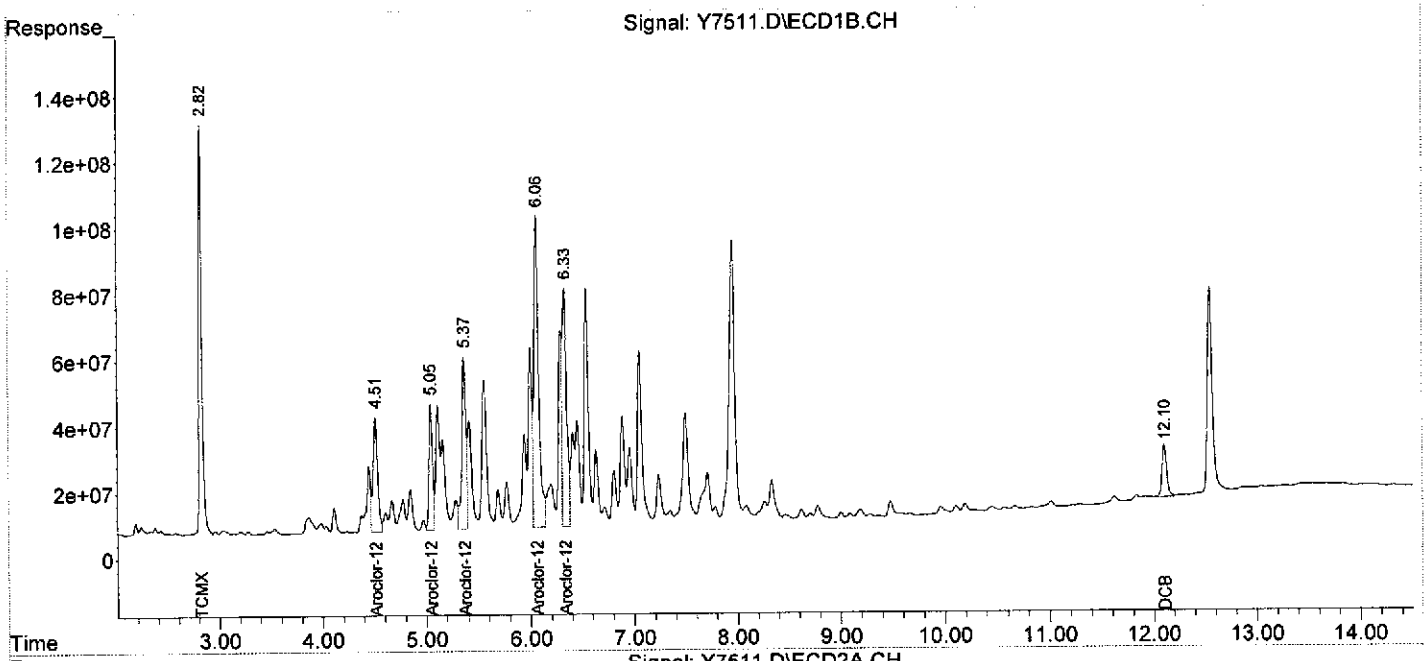
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

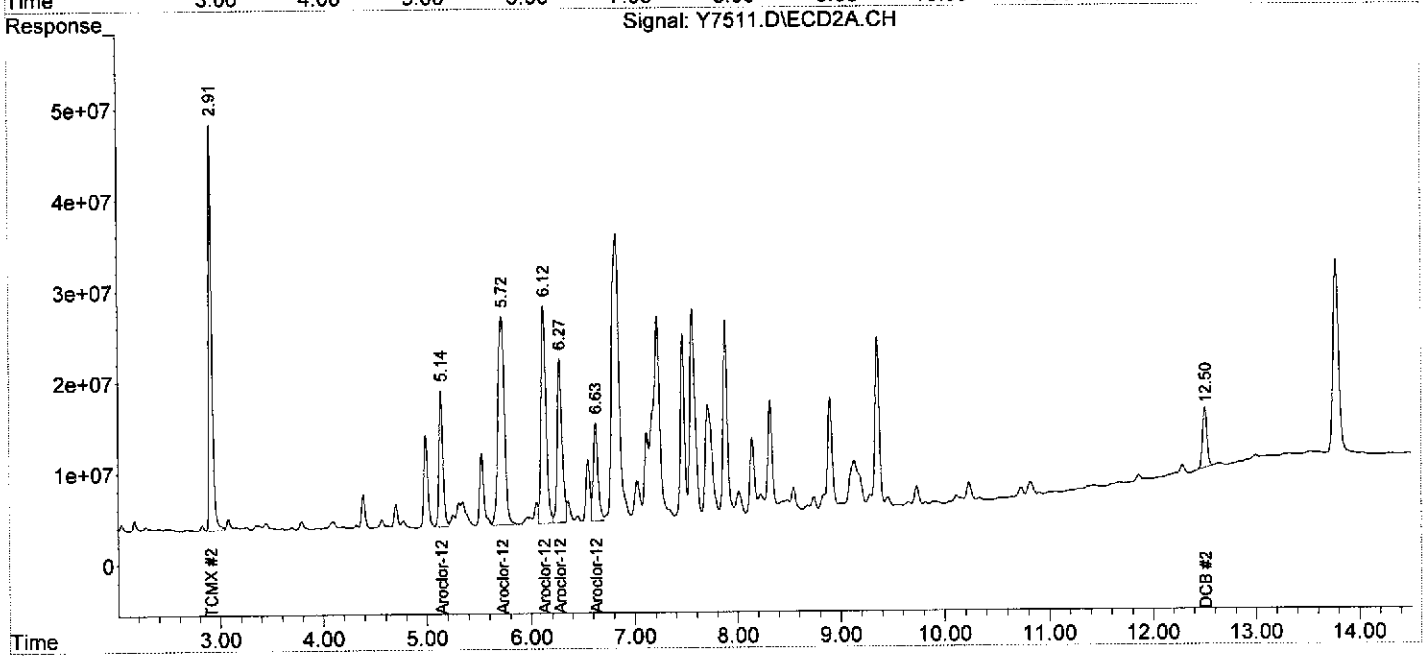
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7511.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 23:57
Operator : YG
Sample : T-21_(0-2.,06968-034,S,5.52g,17.7,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,10
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:41:50 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7512.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 28 Jul 2012 00:14
Operator : YG
Sample : T-21_(2.0-,06968-035,S,5.24g,30.0,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,10
ALS Vial : 39 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:47:55 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	2830.3E6	1032.3E6	29.770	29.533
Spiked Amount 200.000			Recovery =		14.89%	14.77%
2) S DCB	12.10	12.50	566.3E6	239.5E6	27.478m	27.865m
Spiked Amount 200.000			Recovery =		13.74%	13.93%
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	667.0E6	256.9E6	151.276	161.168
24) L6 Aroclor-1248 {2}	5.05	5.72	417.1E6	489.5E6	172.089	208.948
25) L6 Aroclor-1248 {3}	5.37	6.12	688.3E6	408.1E6	224.322	240.957
26) L6 Aroclor-1248 {4}	6.06	6.28	1315.3E6	366.1E6	236.011	251.868
27) L6 Aroclor-1248 {5}	6.33	6.63	1520.2E6	184.9E6	364.938	220.249 #
Sum Aroclor-1248			4607.9E6	1705.6E6	1148.636	1083.189
Average Aroclor-1248					229.727	216.638
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

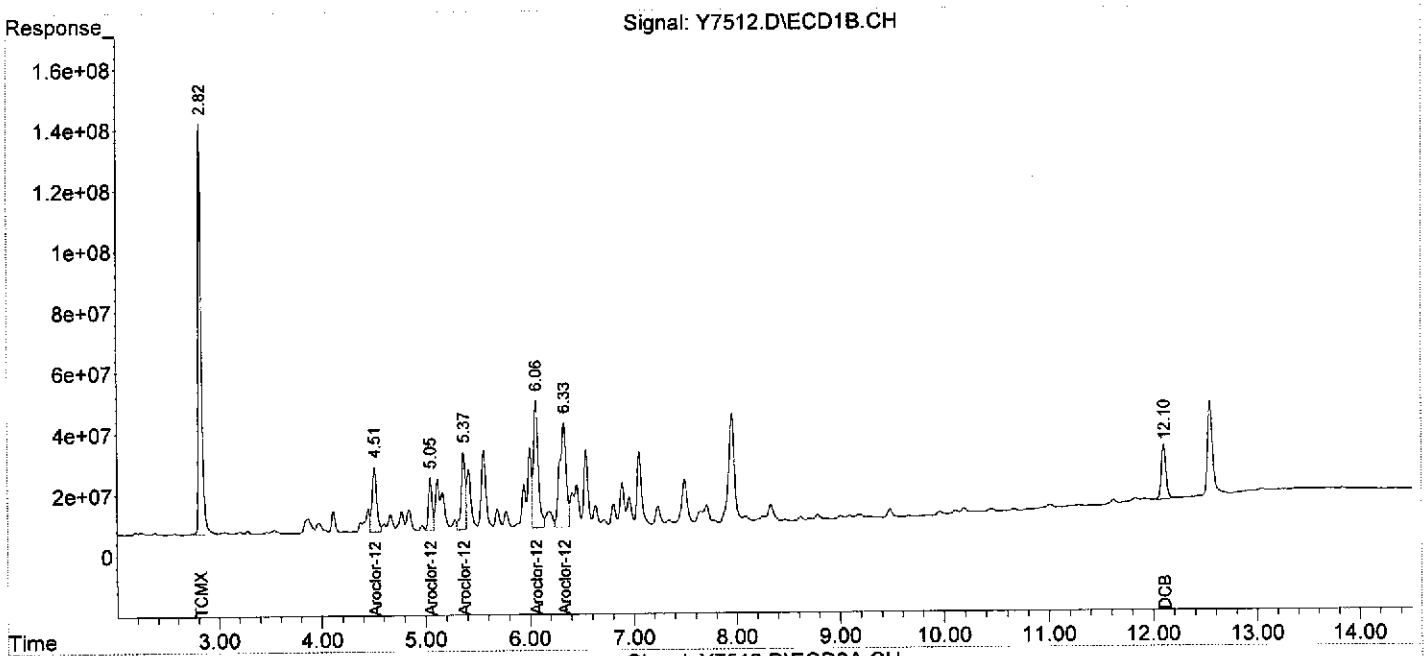
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

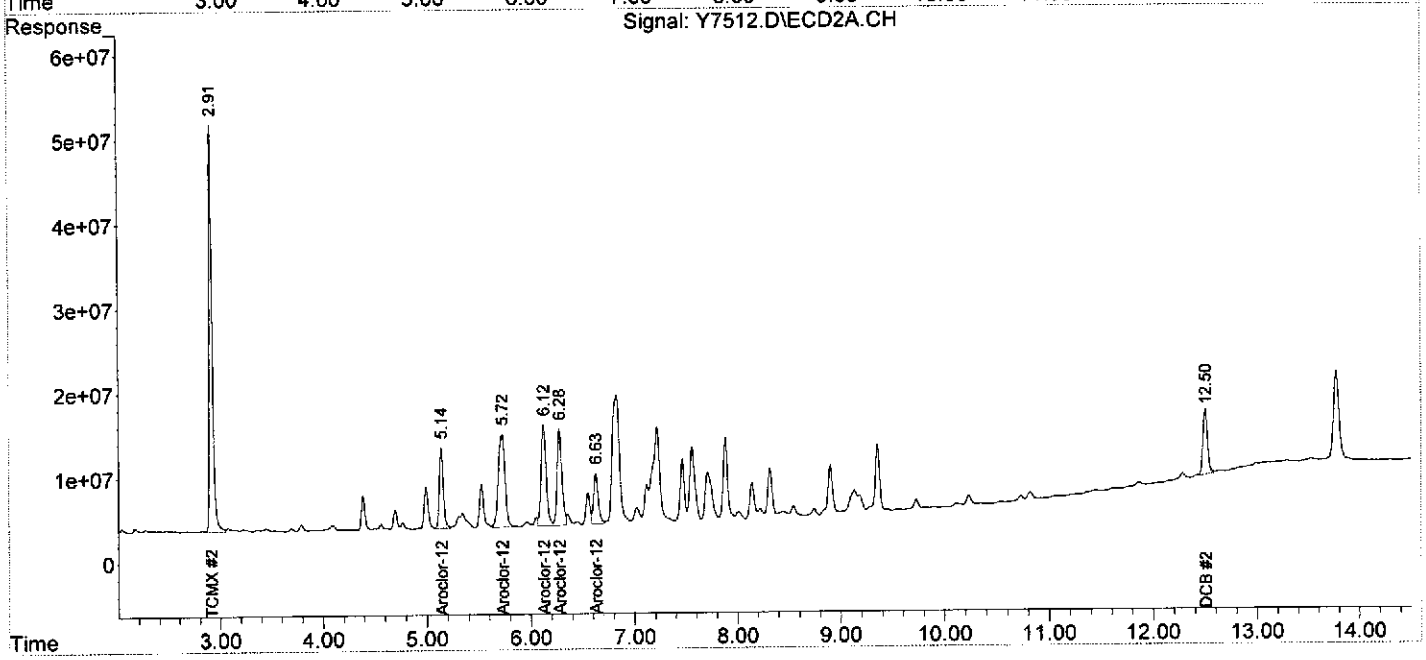
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7512.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 28 Jul 2012 00:14
Operator : YG
Sample : T-21_(2.0-,06968-035,S,5.24g,30.0,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,10
ALS Vial : 39 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:47:55 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7513.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 28 Jul 2012 00:32
Operator : YG
Sample : T-21_(4.0-,06968-036,S,5.89g,20.6,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,1
ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:49:41 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	22337.9E6	8098.5E6	234.961	231.701
Spiked Amount 200.000			Recovery	=	117.48%	115.85%
2) S DCB	12.11	12.50	4106.8E6	1818.9E6	199.278	211.658m
Spiked Amount 200.000			Recovery	=	99.64%	105.83%
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
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

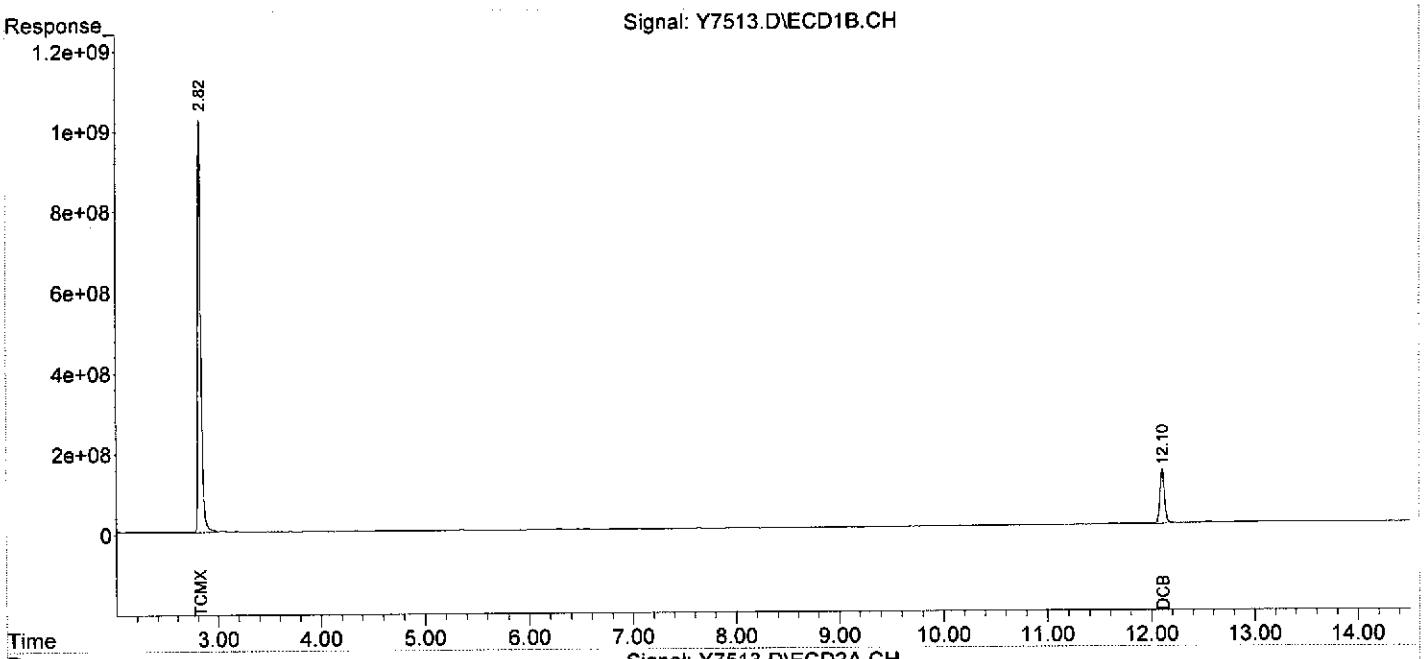
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

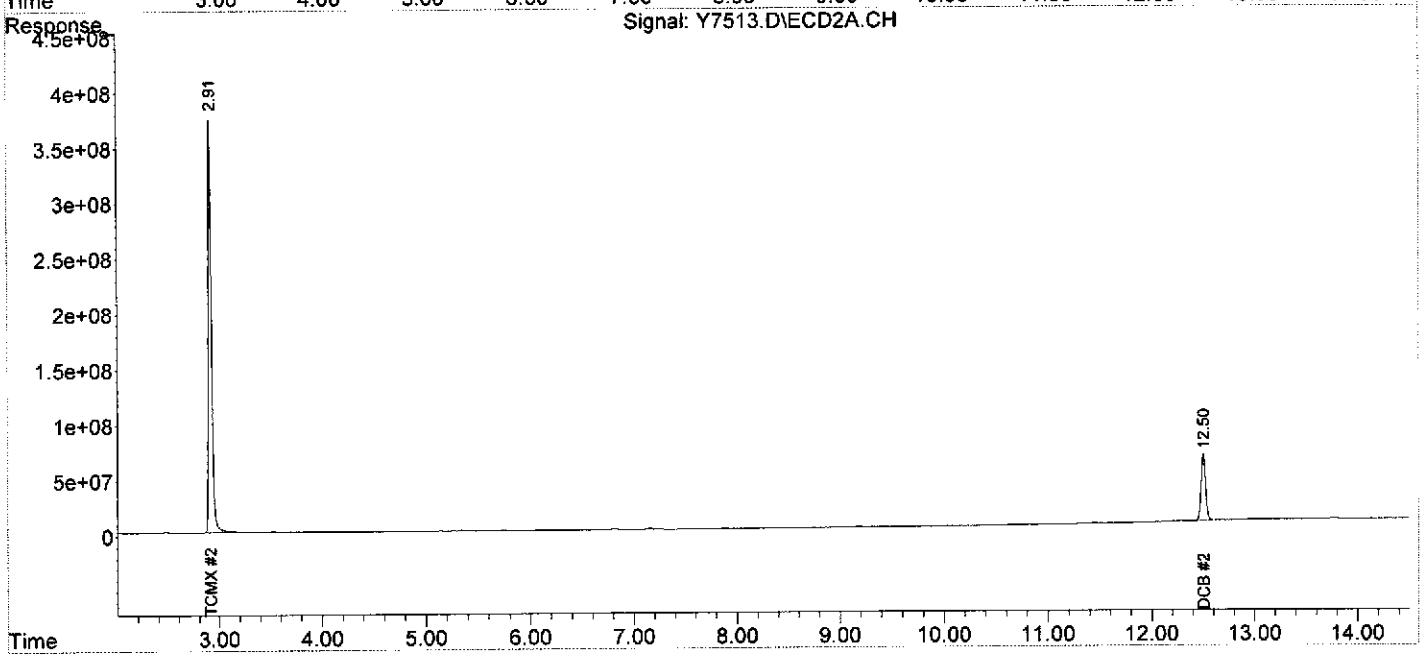
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7513.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 28 Jul 2012 00:32
Operator : YG
Sample : T-21_(4.0-,06968-036,S,5.89g,20.6,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,1
ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:49:41 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7514.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 28 Jul 2012 00:49
Operator : YG
Sample : S-21_(0-2.,06968-037,S,5.33g,12.8,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,10
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:50:27 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	2588.4E6	908.3E6	27.226	25.986
Spiked Amount 200.000			Recovery =		13.61%	12.99%
2) S DCB	12.10	12.50	501.9E6	215.0E6	24.353m	25.021m
Spiked Amount 200.000			Recovery =		12.18%	12.51%
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
23) L6 Aroclor-1248	4.51	5.14	1033.7E6	401.8E6	234.453	252.047
24) L6 Aroclor-1248 {2}	5.05	5.73	745.2E6	871.3E6	307.454	371.939
25) L6 Aroclor-1248 {3}	5.37	6.12	910.9E6	539.8E6	296.839	318.670
26) L6 Aroclor-1248 {4}	6.06	6.28	2075.3E6	438.0E6	372.372	301.302
27) L6 Aroclor-1248 {5}	6.34	6.63	1459.6E6	278.4E6	350.409	331.527
Sum Aroclor-1248			6224.7E6	2529.2E6	1561.527	1575.485
Average Aroclor-1248					312.305	315.097
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

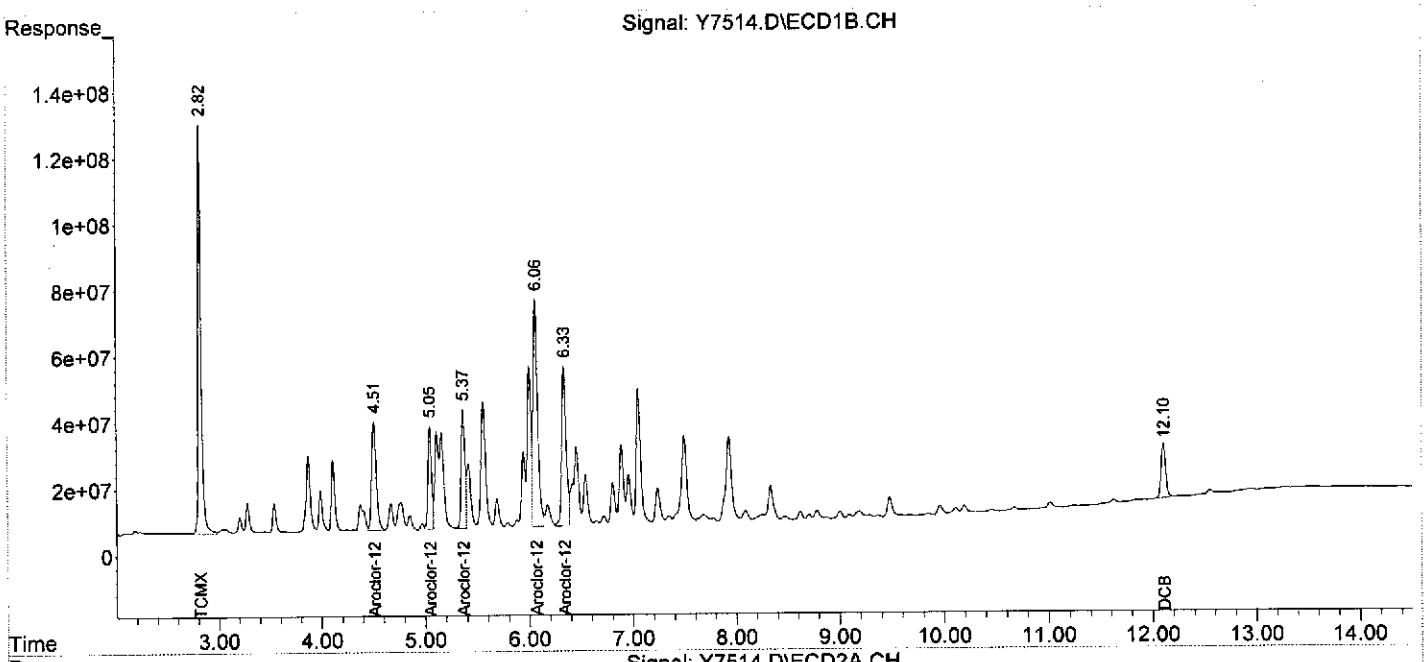
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

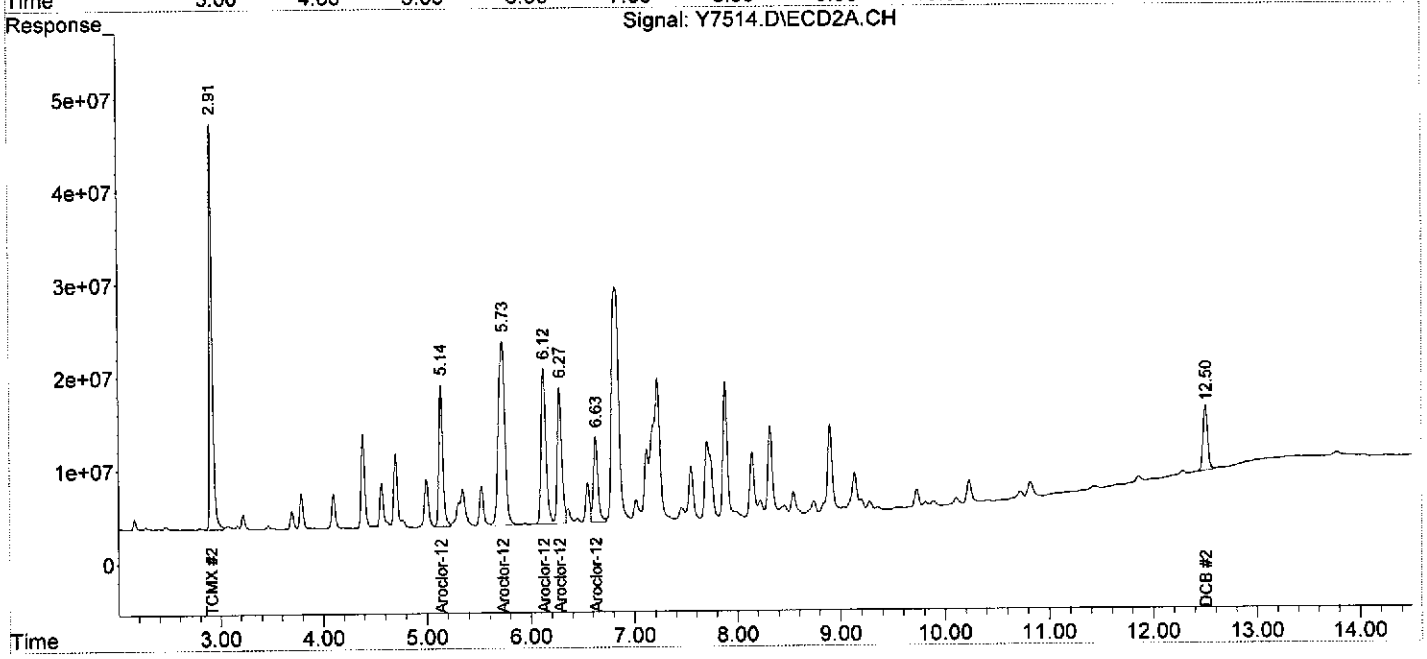
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7514.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 28 Jul 2012 00:49
Operator : YG
Sample : S-21_(0-2.,06968-037,S,5.33g,12.8,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,10
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:50:27 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7515.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 28 Jul 2012 1:06
Operator : YG
Sample : S-21_(2.0-,06968-038,S,5.18g,62.6,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,1
ALS Vial : 42 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:56:03 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	24036.2E6	8905.1E6	252.825	254.778
Spiked Amount 200.000			Recovery	=	126.41%	127.39%
2) S DCB	12.10	12.50	4743.4E6	2409.4E6	230.171	280.380
Spiked Amount 200.000			Recovery	=	115.09%	140.19%
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	4.50	5.14	297.6E6	115.7E6	67.493	72.586
24) L6 Aroclor-1248 {2}	5.05	5.73	184.0E6	252.9E6	75.917	107.945 #
25) L6 Aroclor-1248 {3}	5.36	6.13	37561747	44632899	12.241	26.350 #
26) L6 Aroclor-1248 {4}	6.07	6.27	42722108	18463310	7.666	12.702 #
27) L6 Aroclor-1248 {5}	6.28	6.62	34340548	11346094	8.244	13.513 #
Sum Aroclor-1248			596.2E6	443.0E6	171.561	233.096
Average Aroclor-1248					34.312	46.619
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

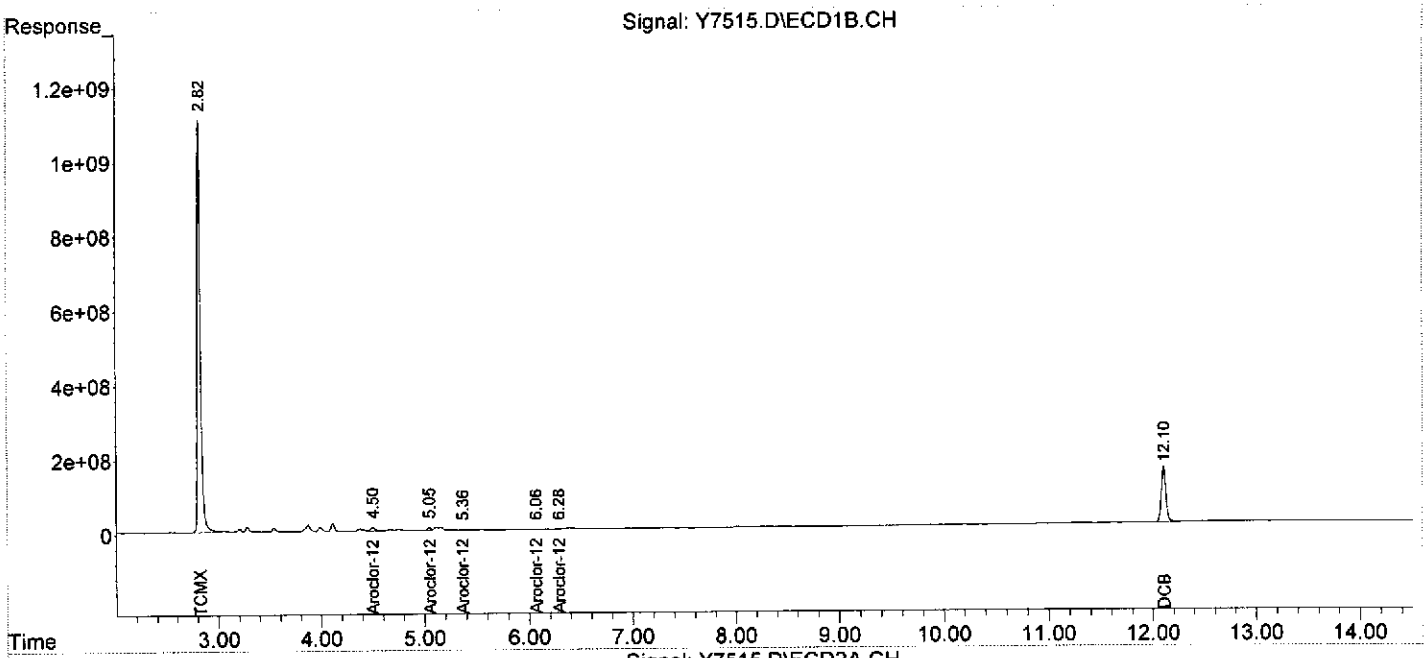
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

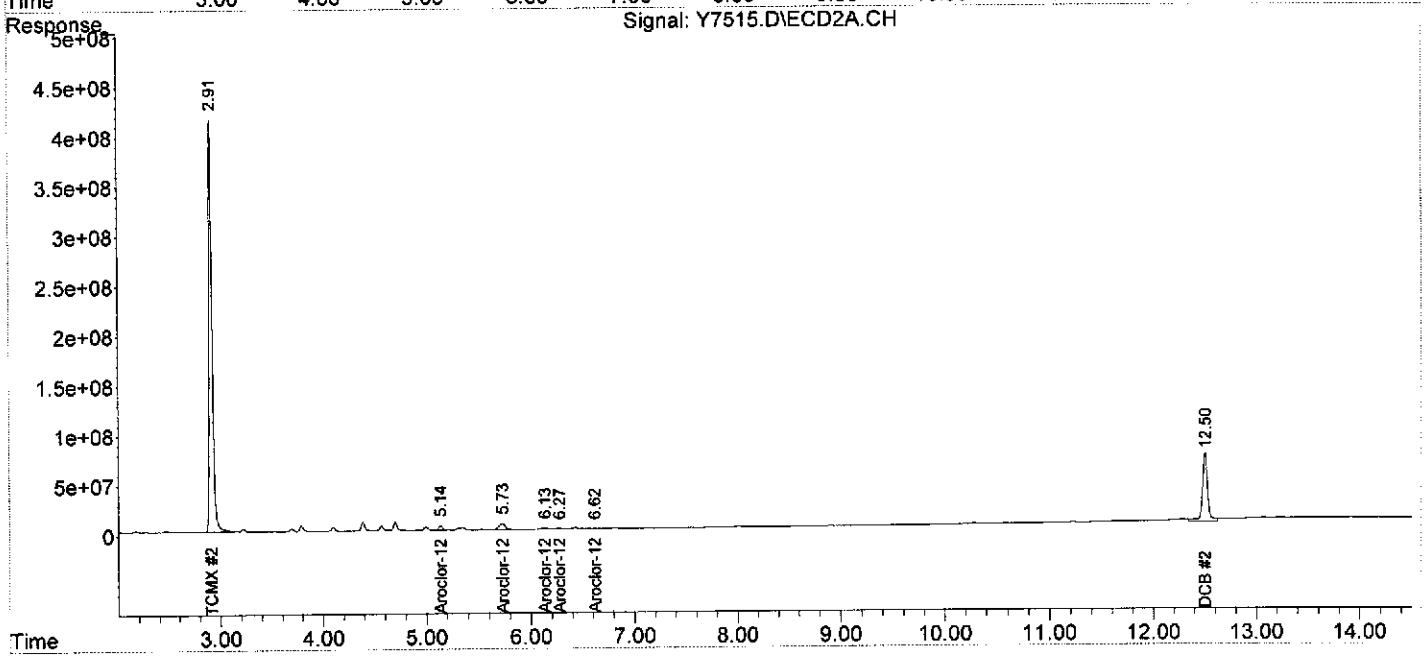
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7515.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 28 Jul 2012 1:06
Operator : YG
Sample : S-21_(2.0-,06968-038,S,5.18g,62.6,07/23/12,4
Misc : 120723-05,07/12/12,07/12/12,1
ALS Vial : 42 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:56:03 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7522.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 28 Jul 2012 3:24
Operator : YG
Sample : S-21_(4.0-,06968-039,S,5.50g,21.3,07/23/12,4
Misc : 120723-06,07/12/12,07/12/12,1
ALS Vial : 47 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 01 13:28:01 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	22054.7E6	7892.0E6	231.983	225.792
Spiked Amount 200.000			Recovery	=	115.99%	112.90%
2) S DCB	12.10	12.50	4467.1E6	1844.9E6	216.765	214.686m
Spiked Amount 200.000			Recovery	=	108.38%	107.34%
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
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

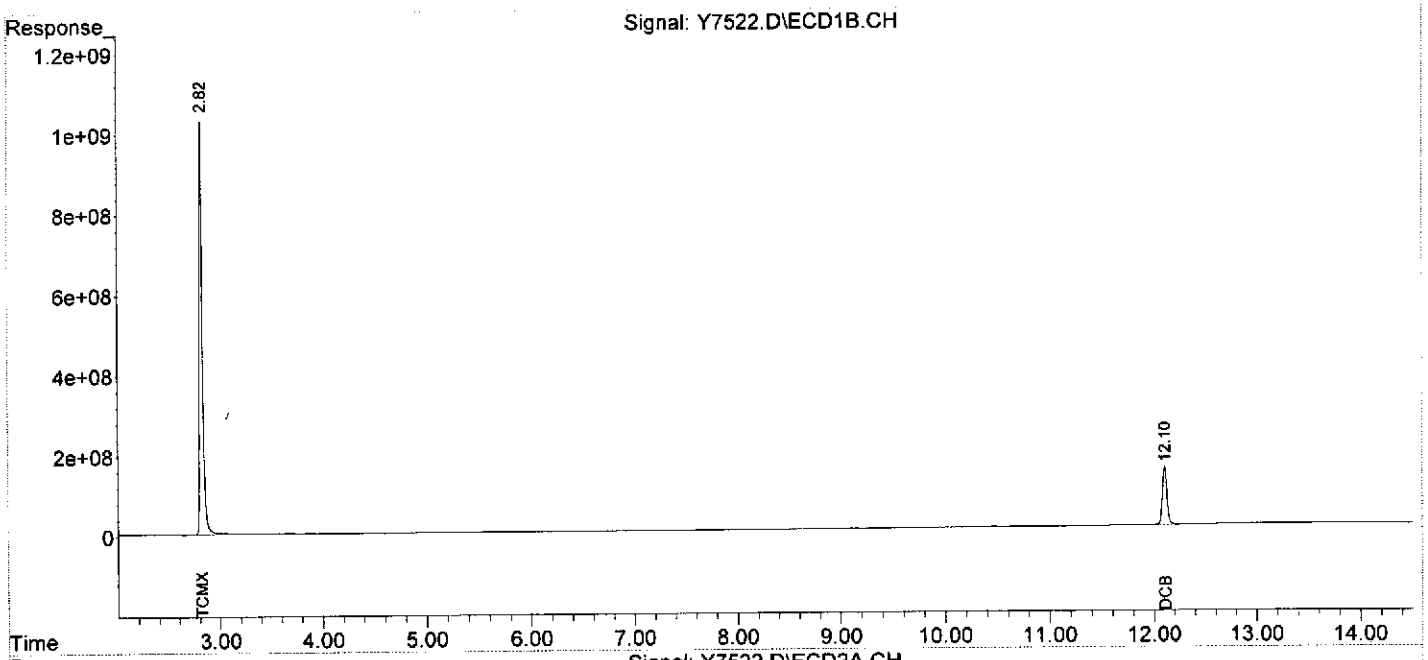
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

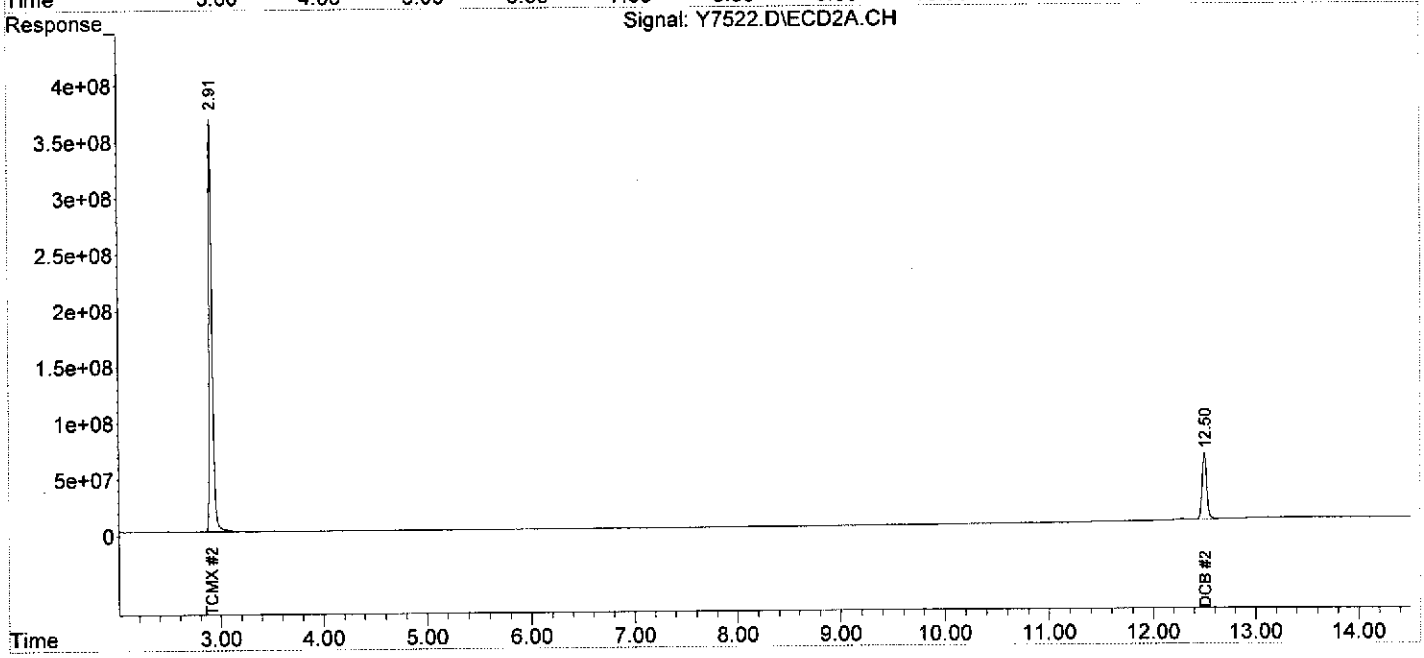
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7522.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 28 Jul 2012 3:24
Operator : YG
Sample : S-21_(4.0-,06968-039,S,5.50g,21.3,07/23/12,4
Misc : 120723-06,07/12/12,07/12/12,1
ALS Vial : 47 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 01 13:28:01 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7523.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 28 Jul 2012 3:41
Operator : YG
Sample : R-21_(0-2.,06968-040,S,5.24g,17.3,07/23/12,4
Misc : 120723-06,07/12/12,07/12/12,10
ALS Vial : 48 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 01 13:32:06 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	2.82	2.91	2296.2E6	859.4E6	24.153	24.587
Spiked Amount 200.000			Recovery =		12.08%	12.29%
2) S DCB	12.10	12.50	456.4E6	211.7E6	22.145m	24.635m
Spiked Amount 200.000			Recovery =		11.07%	12.32%
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	5294.6E6	1860.8E6	1200.889	1167.328
24) L6 Aroclor-1248 {2}	5.04	5.72	1204.4E6	1918.3E6	496.908	818.878 #
25) L6 Aroclor-1248 {3}	5.37	6.12	2043.8E6	1393.5E6	666.048	822.704
26) L6 Aroclor-1248 {4}	6.06	6.28	5014.9E6	1135.0E6	899.843	780.809
27) L6 Aroclor-1248 {5}	6.33	6.63	3502.2E6	637.8E6	840.746	759.652
Sum Aroclor-1248			17059.9E6	6945.5E6	4104.433	4349.370
Average Aroclor-1248					820.887	869.874
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

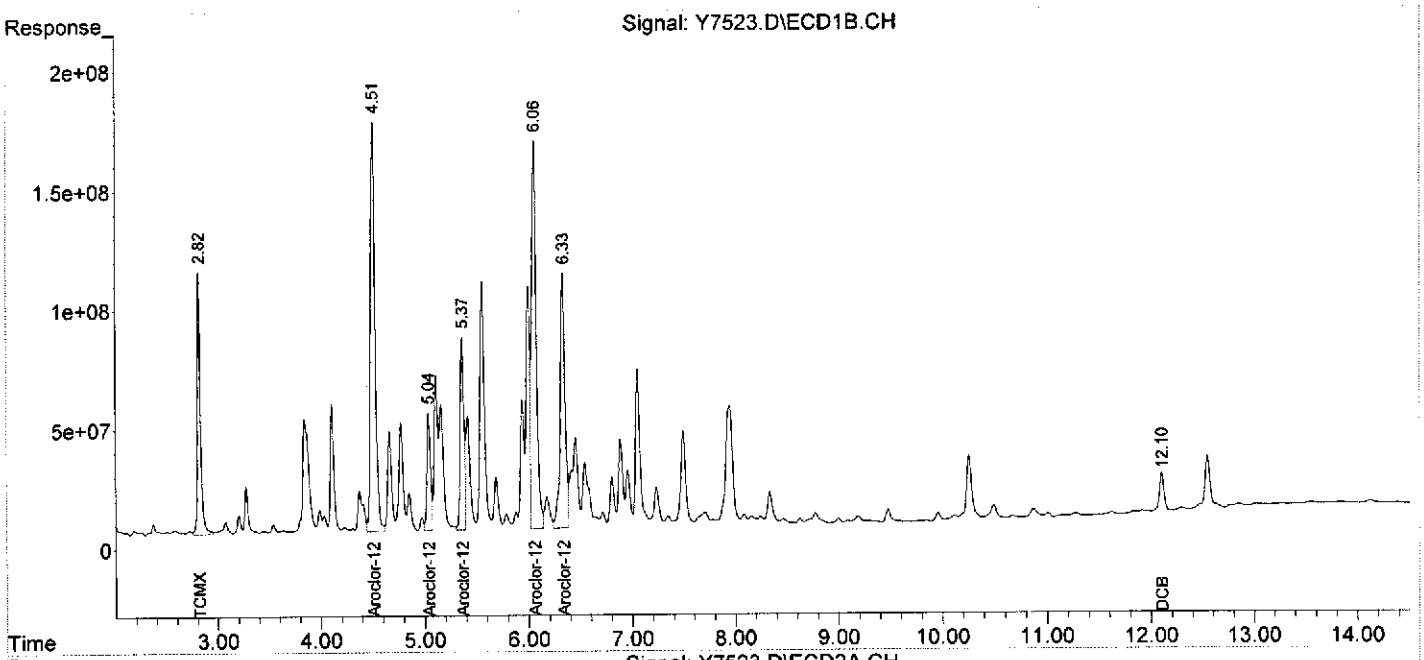
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

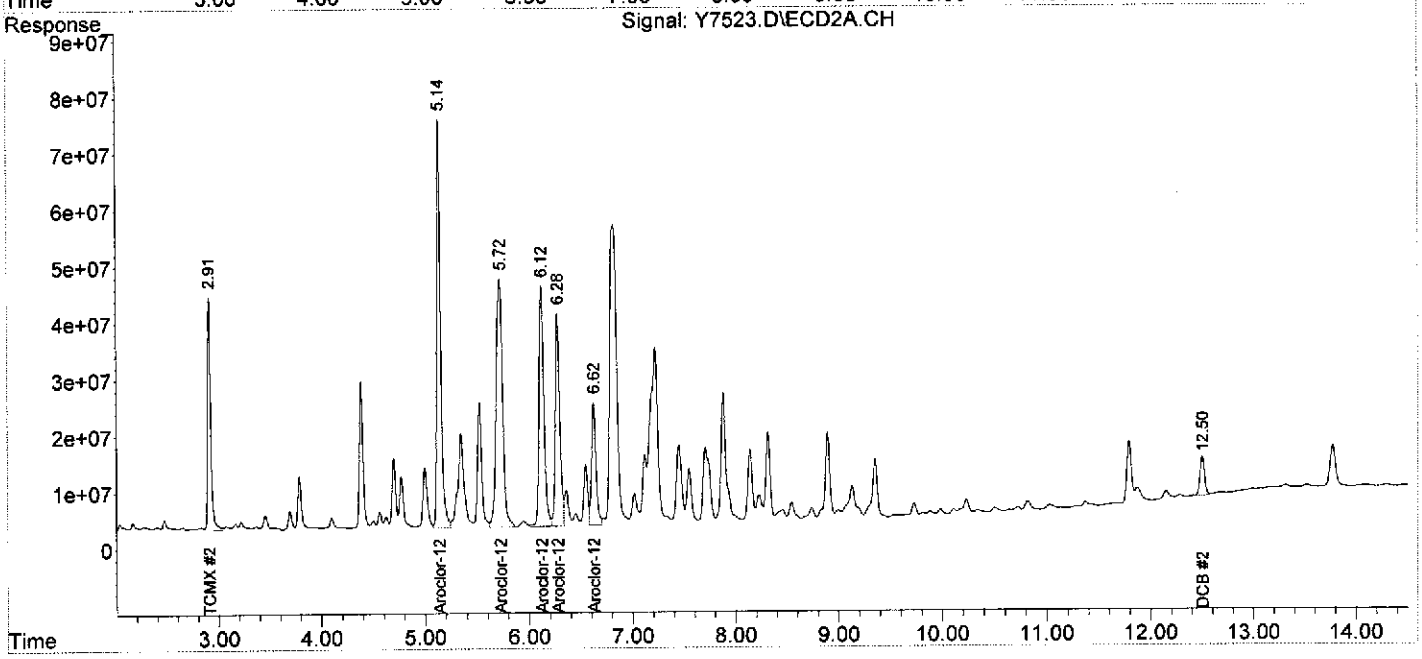
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7523.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 28 Jul 2012 3:41
Operator : YG
Sample : R-21_(0-2.,06968-040,S,5.24g,17.3,07/23/12,4
Misc : 120723-06,07/12/12,07/12/12,10
ALS Vial : 48 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 01 13:32:06 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\07-27-12\
Data File : Y7524.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 28 Jul 2012 3:58
Operator : YG
Sample : R-21_(2.0-,06968-041,S,5.20g,51.7,07/23/12,4
Misc : 120723-06,07/12/12,07/12/12,1
ALS Vial : 49 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 01 13:32:29 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	16500.2E6	7208.1E6	173.557	206.227
Spiked Amount 200.000			Recovery	=	86.78%	103.11%
2) S DCB	12.10	12.50	3099.0E6	1625.7E6	150.379	189.180m#
Spiked Amount 200.000			Recovery	=	75.19%	94.59%
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	4.51	5.14	3785.4E6	1528.0E6	858.578	958.510
24) L6 Aroclor-1248 {2}	5.05	5.72	1205.7E6	1462.2E6	497.452	624.177 #
25) L6 Aroclor-1248 {3}	5.37	6.12	1670.1E6	1031.6E6	544.267	609.028
26) L6 Aroclor-1248 {4}	6.06	6.27	2164.0E6	960.9E6	388.283	661.066 #
27) L6 Aroclor-1248 {5}	6.33	6.62	1794.2E6	416.0E6	430.714	495.504
Sum Aroclor-1248			10619.3E6	5398.7E6	2719.295	3348.285
Average Aroclor-1248					543.859	669.657
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

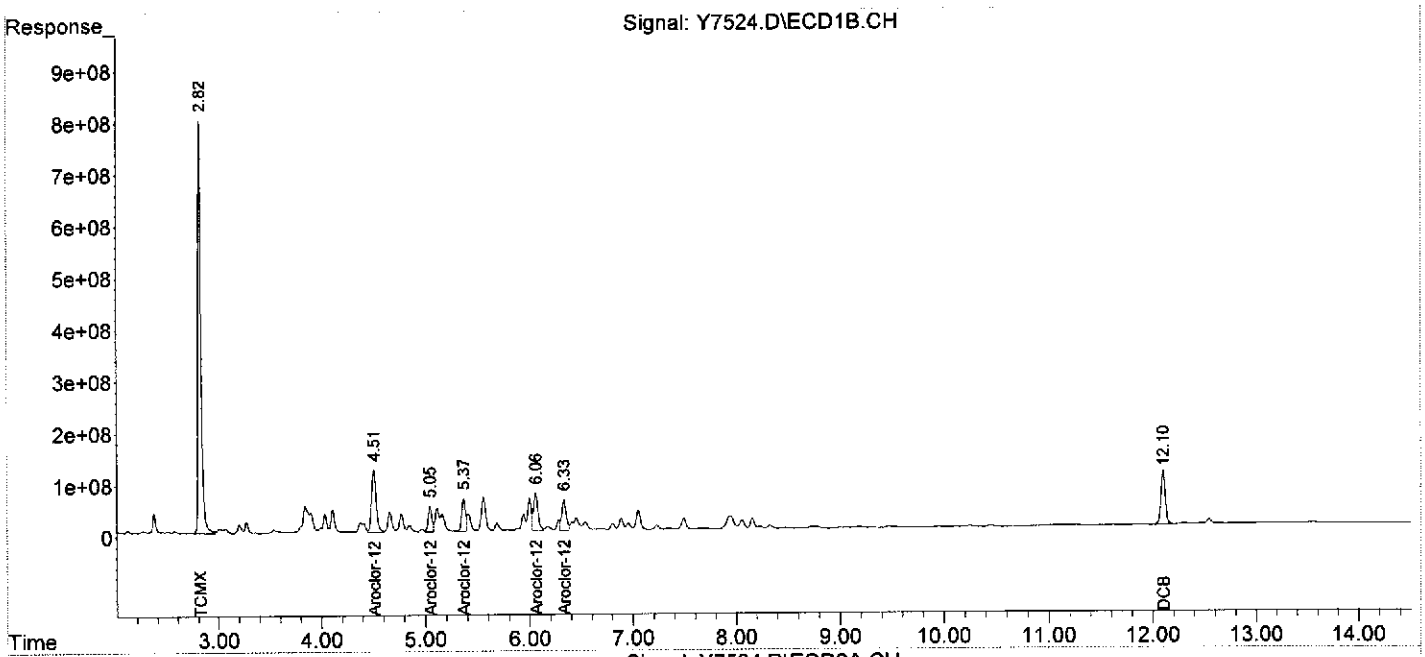
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

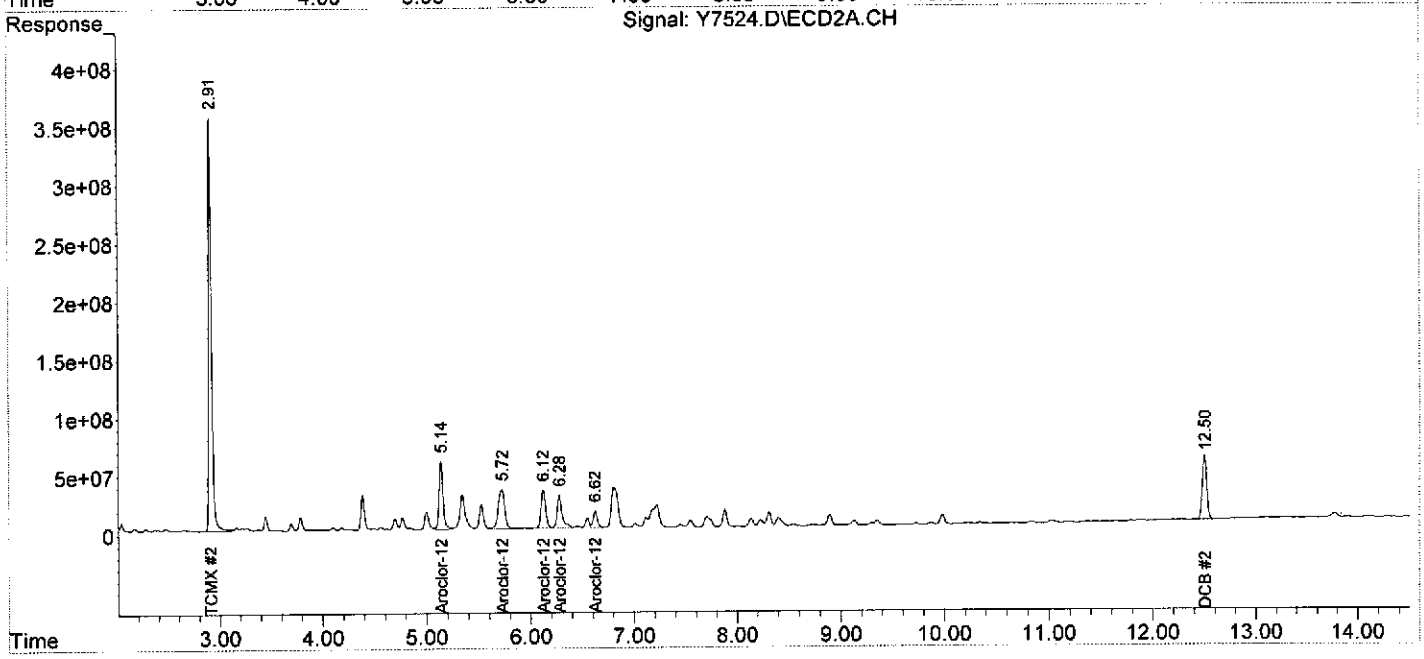
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7524.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 28 Jul 2012 3:58
Operator : YG
Sample : R-21_(2.0-,06968-041,S,5.20g,51.7,07/23/12,4
Misc : 120723-06,07/12/12,07/12/12,1
ALS Vial : 49 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 01 13:32:29 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7525.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 28 Jul 2012 4:15
Operator : YG
Sample : R-21_(4.0-,06968-042,S,5.21g,20.0,07/23/12,4
Misc : 120723-06,07/12/12,07/12/12,1
ALS Vial : 50 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 01 13:32:59 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	21056.2E6	7662.2E6	221.480	219.217
Spiked Amount 200.000			Recovery	=	110.74%	109.61%
2) S DCB	12.10	12.50	3675.2E6	1700.3E6	178.337m	197.864m
Spiked Amount 200.000			Recovery	=	89.17%	98.93%
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	102.2E6	43614120	23.172	27.360
24) L6 Aroclor-1248 {2}	5.05	5.72	35658606	43733028	14.712	18.668 #
25) L6 Aroclor-1248 {3}	5.37	6.12	62900112	30266144	20.499	17.868
26) L6 Aroclor-1248 {4}	6.07	6.27	64483458	28029057	11.570	19.283 #
27) L6 Aroclor-1248 {5}	6.33	6.63	48967930	10638966	11.755	12.671
Sum Aroclor-1248			314.2E6	156.3E6	81.709	95.850
Average Aroclor-1248					16.342	19.170
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

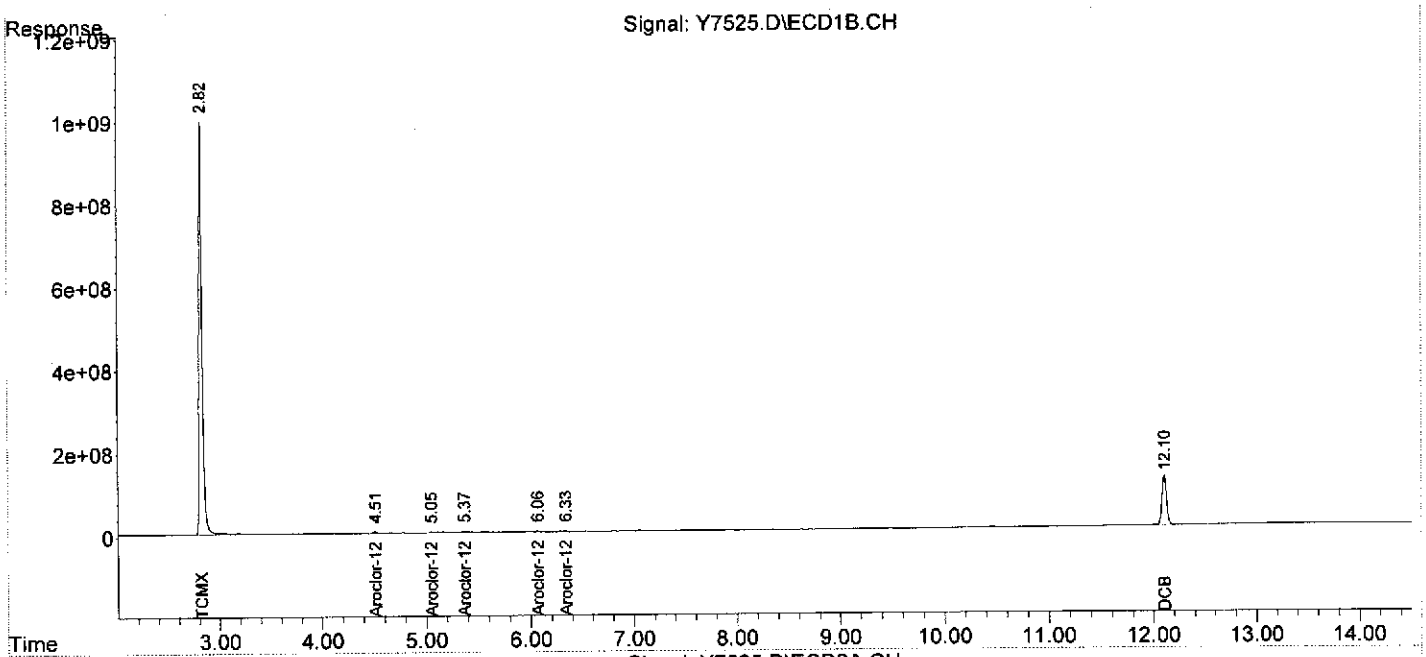
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

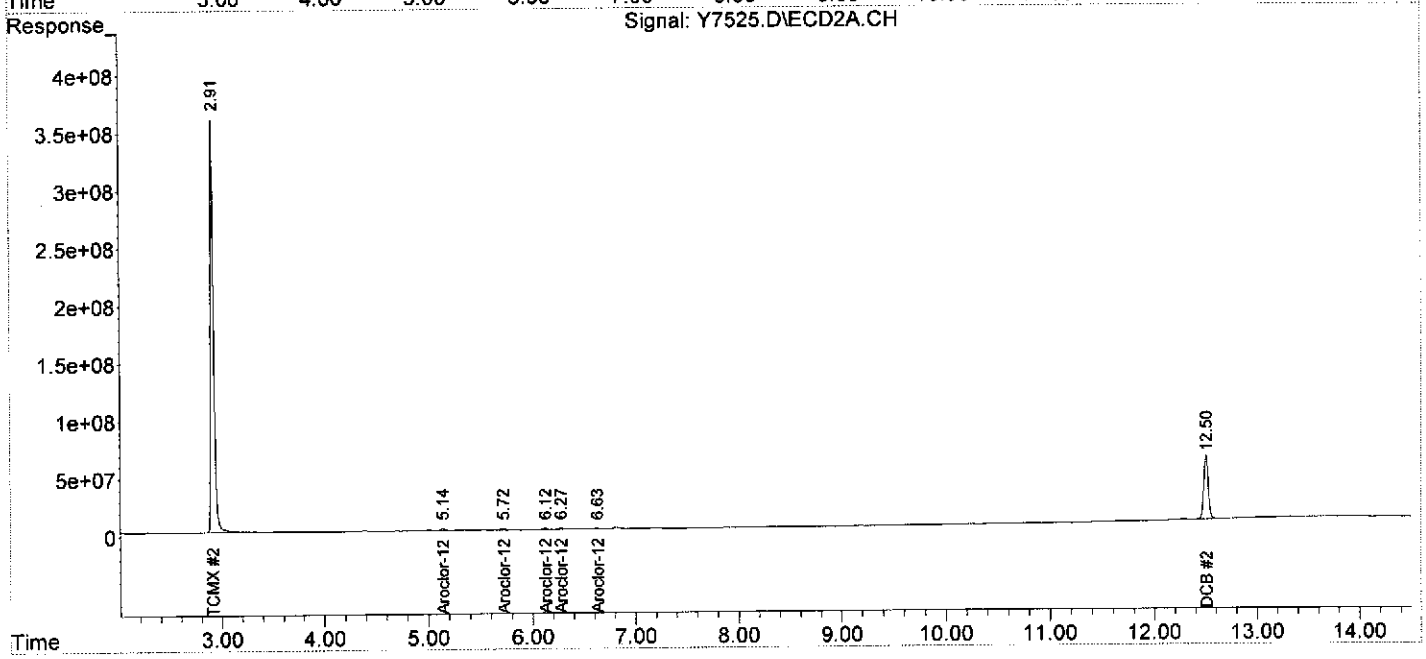
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7525.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 28 Jul 2012 4:15
Operator : YG
Sample : R-21_(4.0-,06968-042,S,5.21g,20.0,07/23/12,4
Misc : 120723-06,07/12/12,07/12/12,1
ALS Vial : 50 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 01 13:32:59 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-29-12\
Data File : Y7582.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Jul 2012 14:05
Operator : YG
Sample : Q-21_(0-2.,06968-043,S,5.64g,35.2,07/23/12,4
Misc : 120723-06,07/12/12,07/12/12,100
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 01 14:11:41 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						
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	5.15	7153.1E6	2121.4E6	1622.419	1330.776
24) L6 Aroclor-1248 {2}	5.04	5.73	1660.8E6	2100.6E6	685.213	896.688 #
25) L6 Aroclor-1248 {3}	5.37	6.13	2459.3E6	1376.1E6	801.465	812.415
26) L6 Aroclor-1248 {4}	6.06	6.28	3833.4E6	1024.1E6	687.829	704.512
27) L6 Aroclor-1248 {5}	6.34	6.63	2765.2E6	493.4E6	663.824	587.601
Sum Aroclor-1248			17871.8E6	7115.5E6	4460.751	4331.993
Average Aroclor-1248					892.150	866.399
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

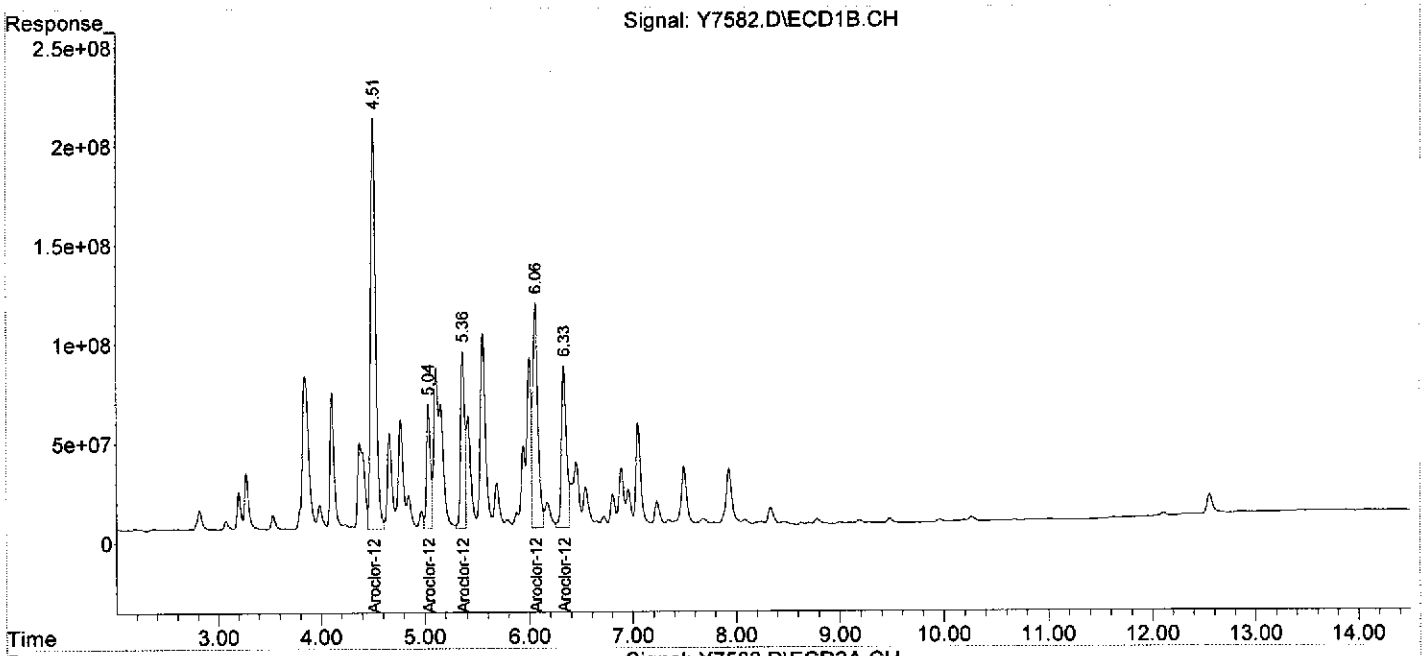
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

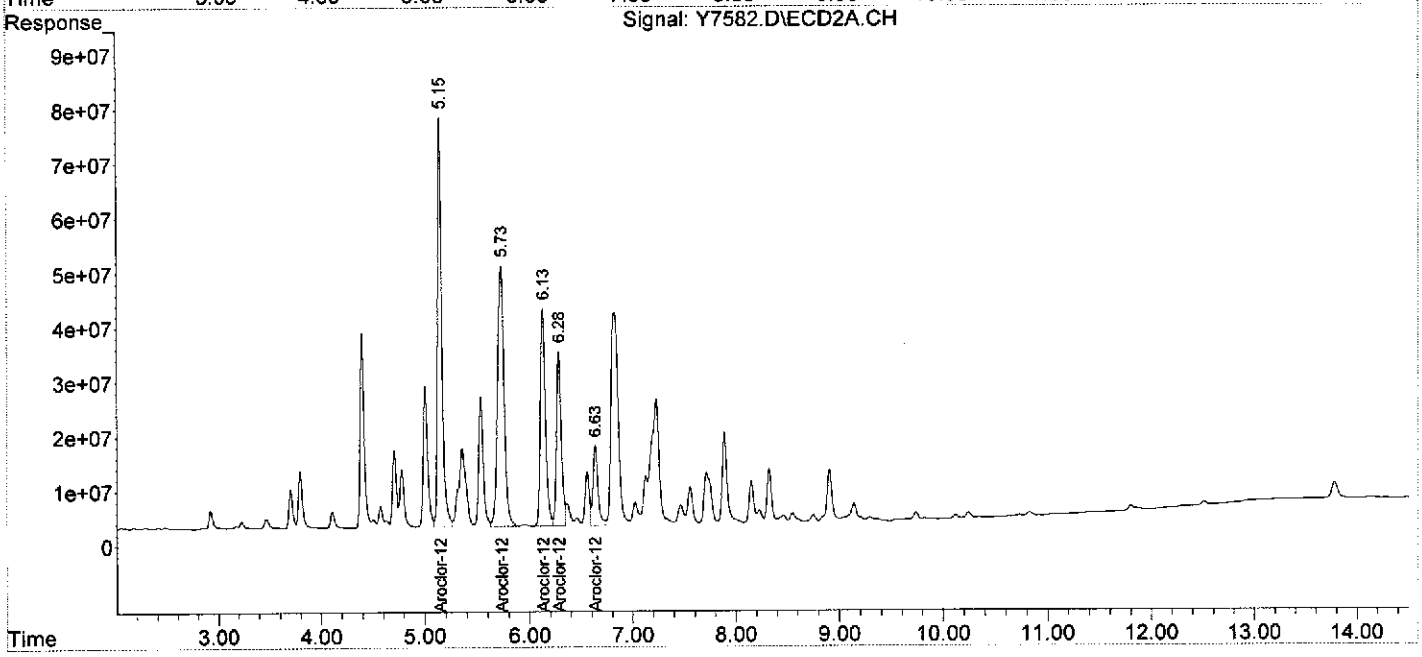
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-29-12\
Data File : Y7582.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Jul 2012 14:05
Operator : YG
Sample : Q-21_(0-2.,06968-043,S,5.64g,35.2,07/23/12,4
Misc : 120723-06,07/12/12,07/12/12,100
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 01 14:11:41 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-29-12\
Data File : Y7583.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Jul 2012 14:22
Operator : YG
Sample : Q-21_(2.0-,06968-044,S,5.07g,29.5,07/23/12,4
Misc : 120723-06,07/12/12,07/12/12,100
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 01 14:11:30 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							
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	7167.7E6	2081.2E6	1625.716	1305.585
24) L6 Aroclor-1248	{2}	5.04	5.72	1780.0E6	1955.0E6	734.376	834.515
25) L6 Aroclor-1248	{3}	5.37	6.12	1409.5E6	820.8E6	459.333	484.587
26) L6 Aroclor-1248	{4}	6.06	6.28	1907.4E6	599.9E6	342.250	412.704
27) L6 Aroclor-1248	{5}	6.34	6.63	1427.7E6	240.6E6	342.733	286.567
Sum Aroclor-1248				13692.2E6	5697.5E6	3504.408	3323.958
Average Aroclor-1248						700.882	664.792
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

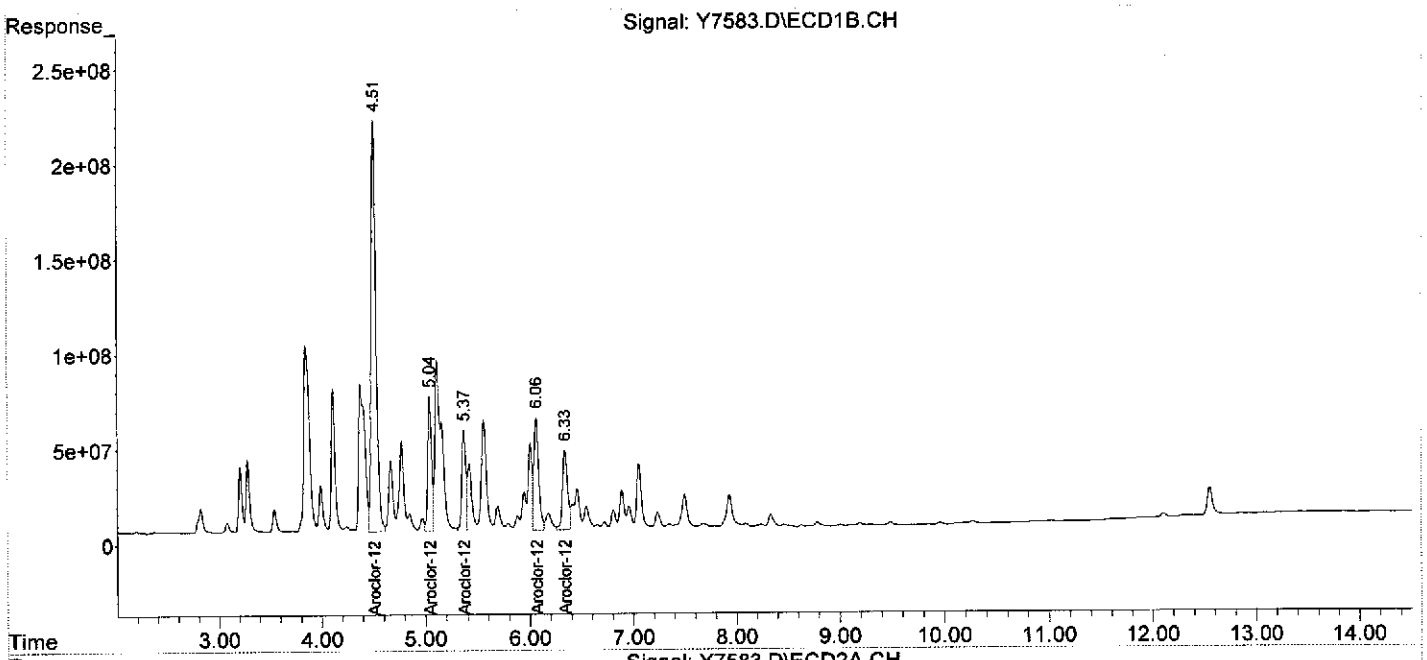
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

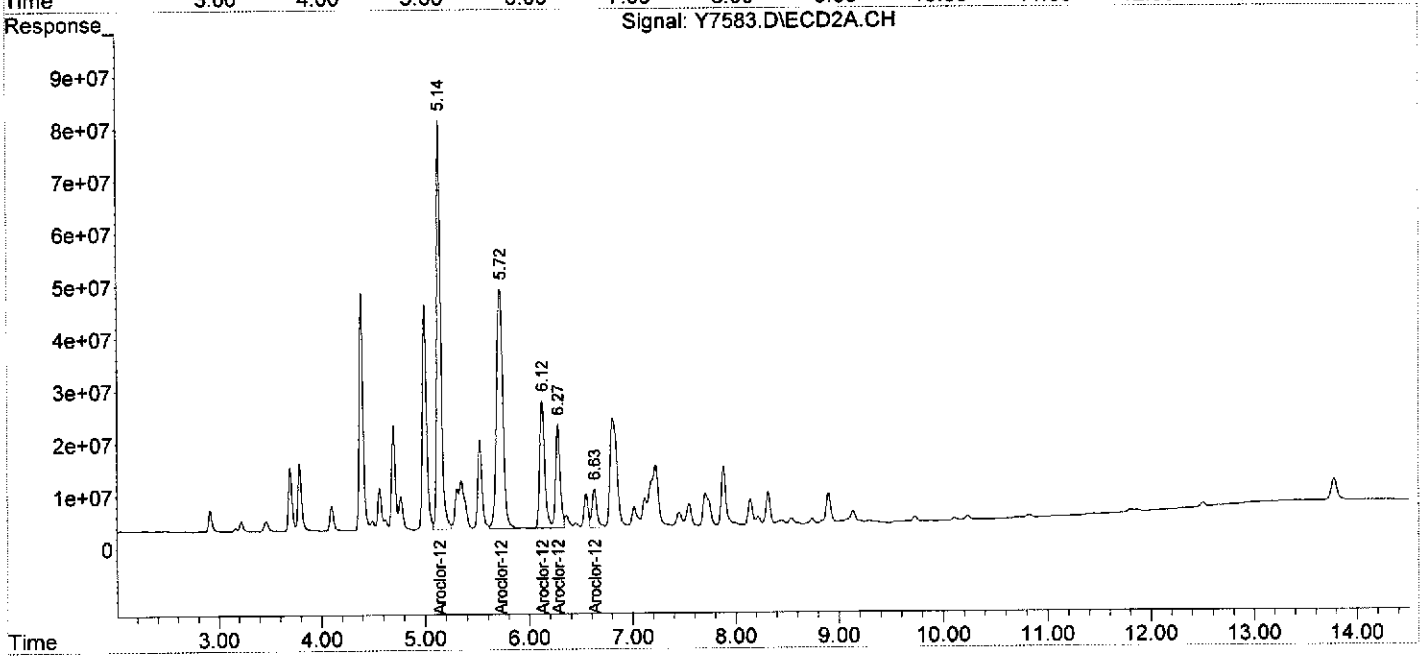
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-29-12\
Data File : Y7583.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Jul 2012 14:22
Operator : YG
Sample : Q-21_(2.0-,06968-044,S,5.07g,29.5,07/23/12,4
Misc : 120723-06,07/12/12,07/12/12,100
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 01 14:11:30 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7528.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 28 Jul 2012 5:07
Operator : YG
Sample : Q-21_(4.0-,06968-045,S,5.02g,21.8,07/23/12,4
Misc : 120723-06,07/12/12,07/12/12,1
ALS Vial : 53 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 01 13:33:50 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	20871.4E6	7621.0E6	219.536	218.038
Spiked Amount 200.000			Recovery	=	109.77%	109.02%
2) S DCB	12.10	12.50	3798.2E6	1755.4E6	184.307m	204.275m
Spiked Amount 200.000			Recovery	=	92.15%	102.14%
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	3060.9E6	1087.2E6	694.254	682.018
24) L6 Aroclor-1248 {2}	5.05	5.72	943.3E6	1019.9E6	389.201	435.369
25) L6 Aroclor-1248 {3}	5.37	6.13	433.2E6	270.6E6	141.179	159.749
26) L6 Aroclor-1248 {4}	6.06	6.27	471.8E6	185.8E6	84.660	127.801 #
27) L6 Aroclor-1248 {5}	6.34	6.63	388.7E6	71527506	93.314	85.189
Sum Aroclor-1248			5298.0E6	2635.0E6	1402.607	1490.126
Average Aroclor-1248					280.521	298.025
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

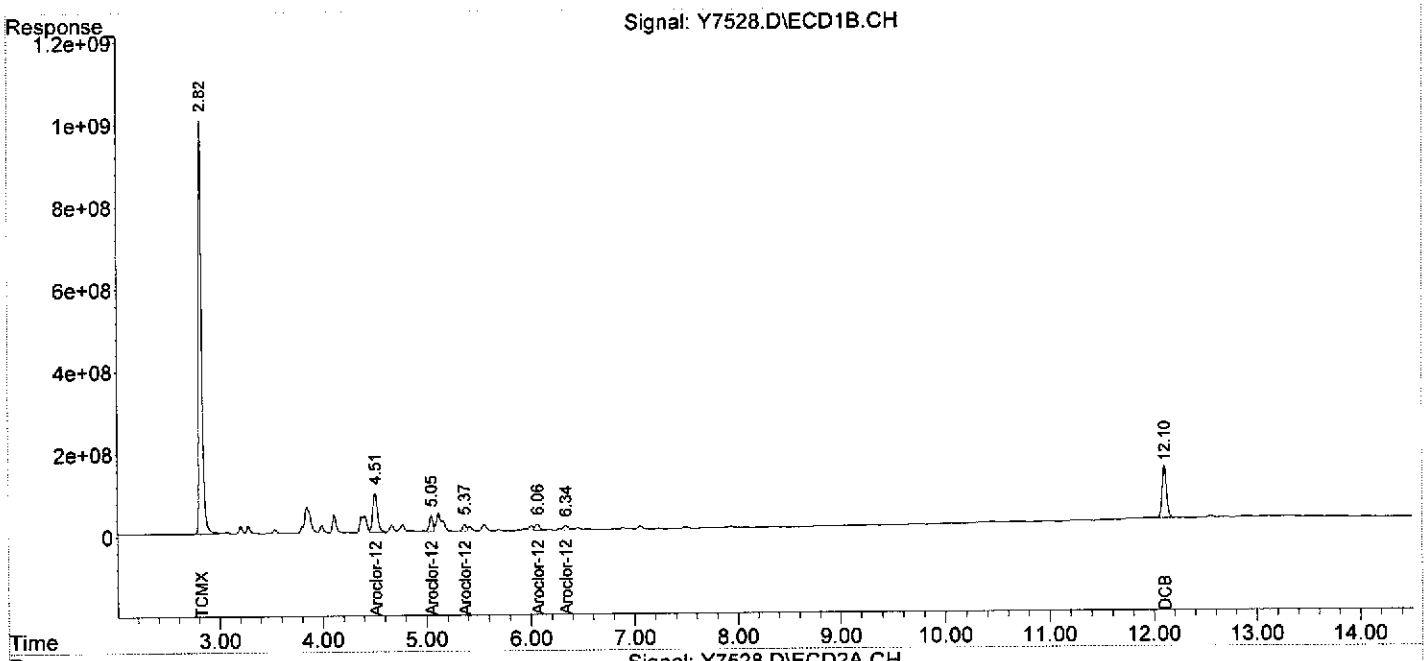
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

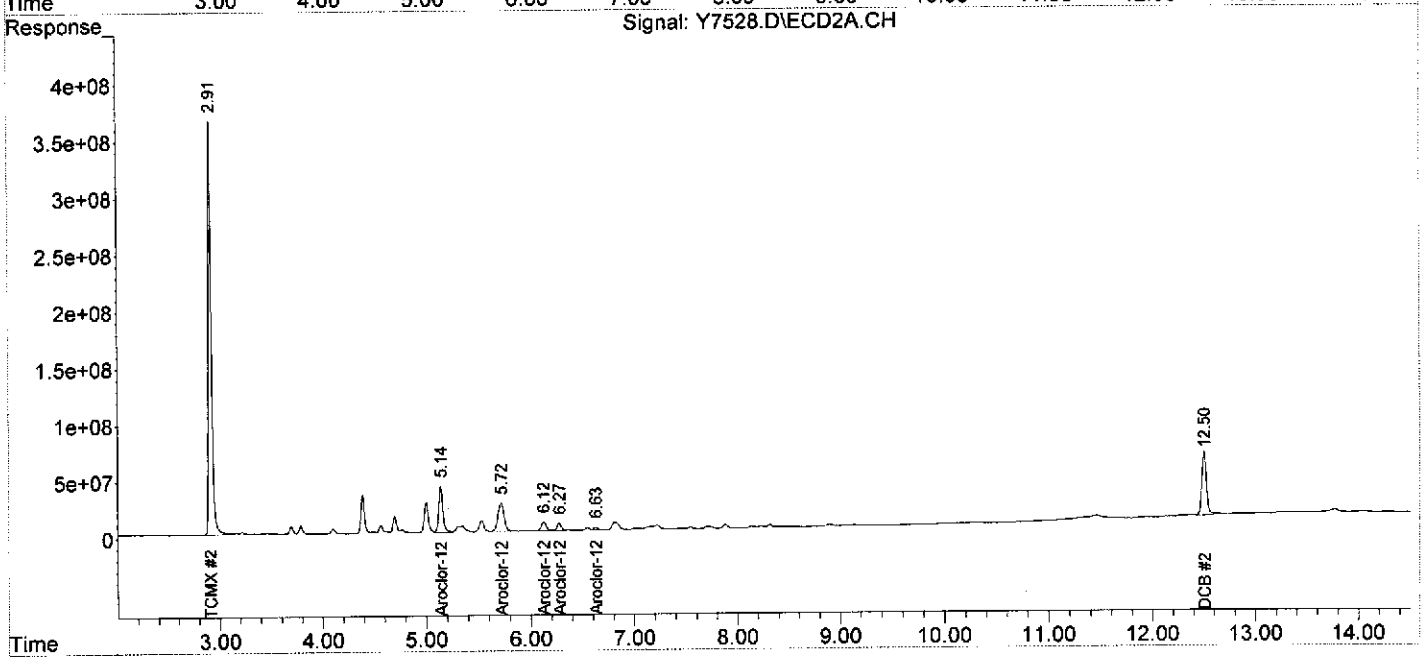
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7528.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 28 Jul 2012 5:07
Operator : YG
Sample : Q-21_(4.0-,06968-045,S,5.02g,21.8,07/23/12,4
Misc : 120723-06,07/12/12,07/12/12,1
ALS Vial : 53 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 01 13:33:50 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7529.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 28 Jul 2012 5:24
Operator : YG
Sample : P-20_(0-2.,06968-046,S,5.59g,17.0,07/23/12,4
Misc : 120723-06,07/12/12,07/12/12,10
ALS Vial : 54 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 01 13:56:44 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	2329.0E6	840.3E6	24.498	24.041
Spiked Amount 200.000			Recovery	=	12.25%	12.02%
2) S DCB	12.10	12.50	428.5E6	196.2E6	20.792m	22.827m
Spiked Amount 200.000			Recovery	=	10.40%	11.41%
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	6454.8E6	2187.7E6	1464.025	1372.359
24) L6 Aroclor-1248 {2}	5.05	5.73	2358.8E6	2655.5E6	973.182	1133.534
25) L6 Aroclor-1248 {3}	5.37	6.12	2994.0E6	1804.6E6	975.722	1065.367
26) L6 Aroclor-1248 {4}	6.06	6.27	8414.1E6	1565.4E6	1509.765	1076.961 #
27) L6 Aroclor-1248 {5}	6.33	6.63	6098.7E6	1028.4E6	1464.085	1224.817
Sum Aroclor-1248			26320.4E6	9241.5E6	6386.780	5873.038
Average Aroclor-1248					1277.356	1174.608
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

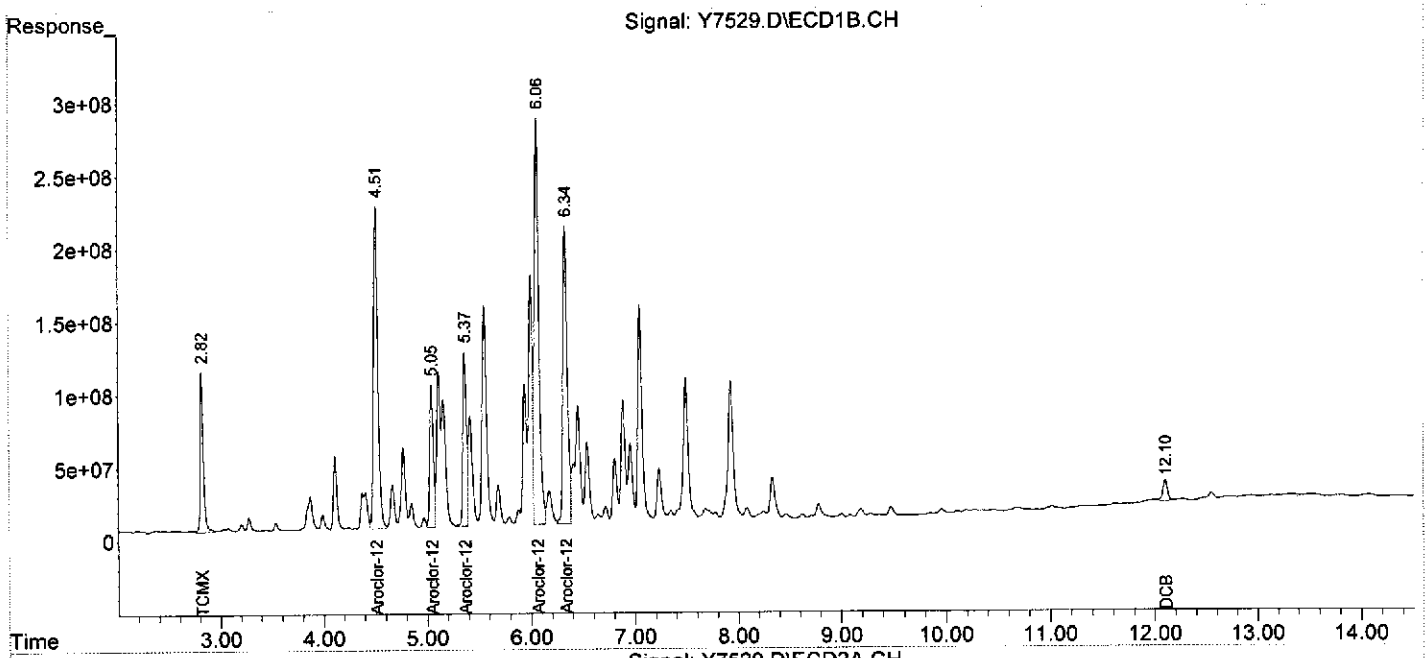
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

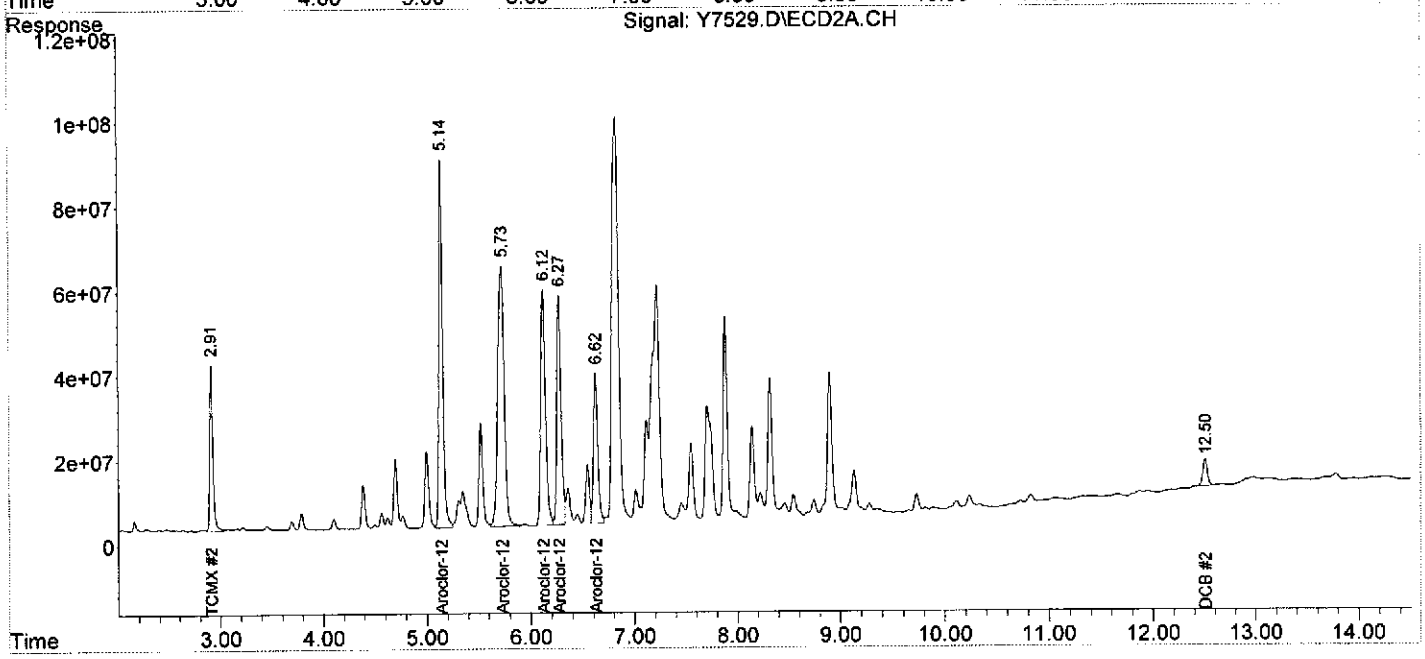
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7529.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 28 Jul 2012 5:24
Operator : YG
Sample : P-20_(0-2.,06968-046,S,5.59g,17.0,07/23/12,4
Misc : 120723-06,07/12/12,07/12/12,10
ALS Vial : 54 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 01 13:56:44 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7530.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 28 Jul 2012 5:41
Operator : YG
Sample : P-20_(2.0-,06968-047,S,5.66g,64.7,07/23/12,4
Misc : 120723-06,07/12/12,07/12/12,1
ALS Vial : 55 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 01 14:00:50 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	14153.5E6	6600.4E6	148.873	188.838 #
Spiked Amount 200.000			Recovery	=	74.44%	94.42%
2) S DCB	12.10	12.50	4496.4E6	2027.8E6	218.185m	235.971m
Spiked Amount 200.000			Recovery	=	109.09%	117.99%
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	2008.7E6	1009.8E6	455.602	633.439 #
24) L6 Aroclor-1248 {2}	5.05	5.72	703.3E6	839.0E6	290.165	358.158
25) L6 Aroclor-1248 {3}	5.36	6.12	1184.0E6	651.4E6	385.844	384.554
26) L6 Aroclor-1248 {4}	6.06	6.27	1927.9E6	529.7E6	345.920	364.410
27) L6 Aroclor-1248 {5}	6.33	6.62	1707.0E6	327.7E6	409.789	390.345
Sum Aroclor-1248			7530.8E6	3357.6E6	1887.320	2130.907
Average Aroclor-1248					377.464	426.181
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

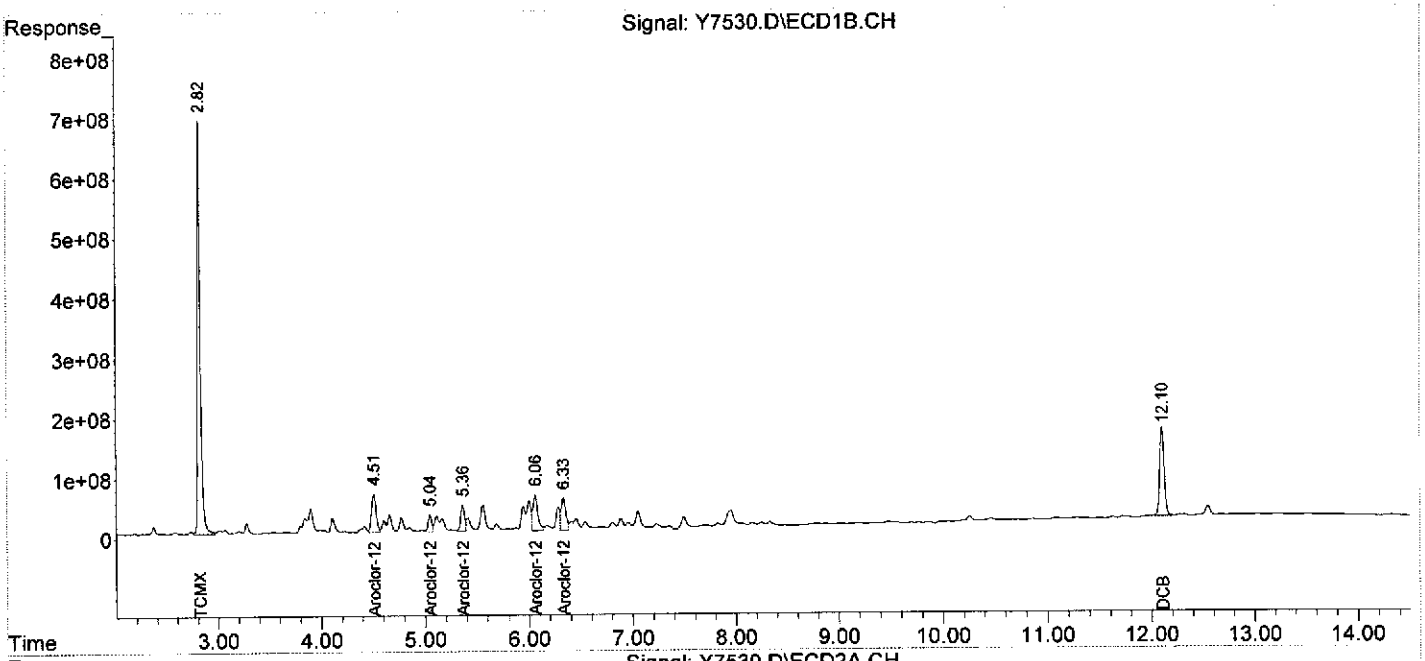
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

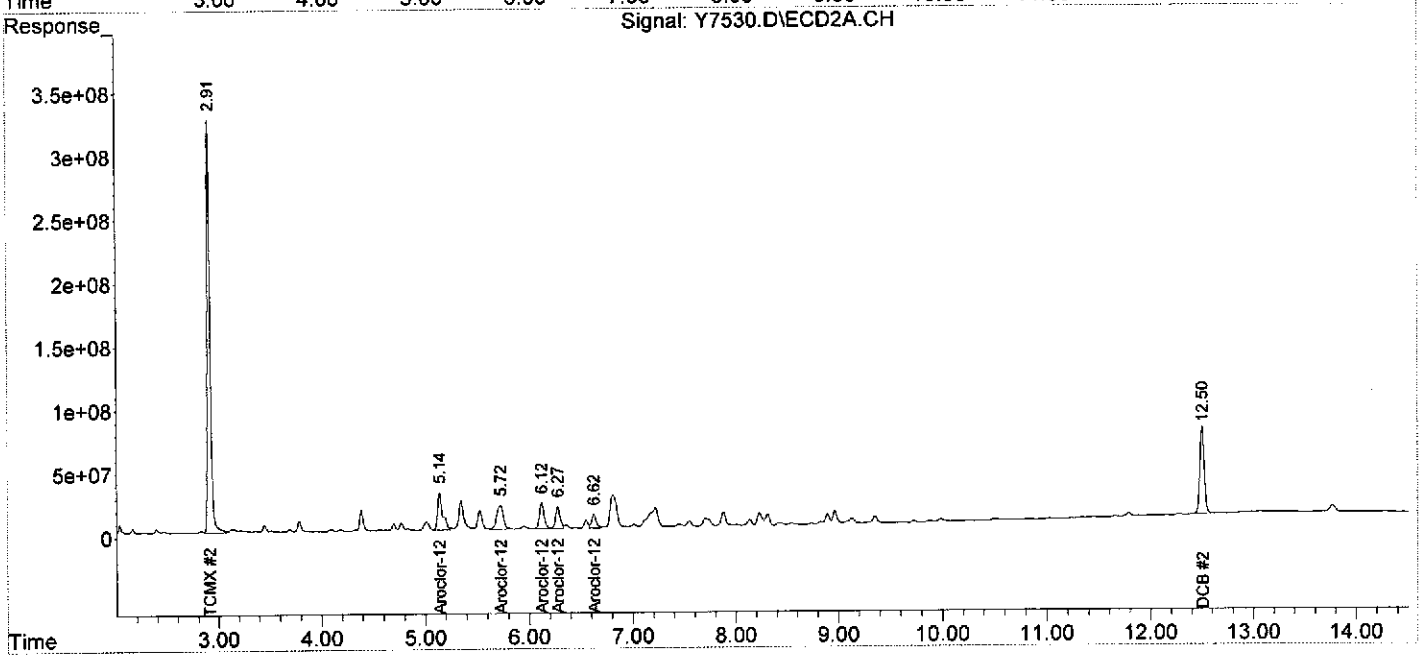
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7530.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 28 Jul 2012 5:41
Operator : YG
Sample : P-20_(2.0-,06968-047,S,5.66g,64.7,07/23/12,4
Misc : 120723-06,07/12/12,07/12/12,1
ALS Vial : 55 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 01 14:00:50 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7531.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 28 Jul 2012 5:58
Operator : YG
Sample : P-20_(4.0-,06968-048,S,5.88g,21.2,07/23/12,4
Misc : 120723-06,07/12/12,07/12/12,1
ALS Vial : 56 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 01 14:01:19 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	20670.5E6	7314.2E6	217.422	209.262
Spiked Amount 200.000			Recovery	=	108.71%	104.63%
2) S DCB	12.10	12.50	3806.0E6	1639.0E6	184.684m	190.729m
Spiked Amount 200.000			Recovery	=	92.34%	95.36%
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

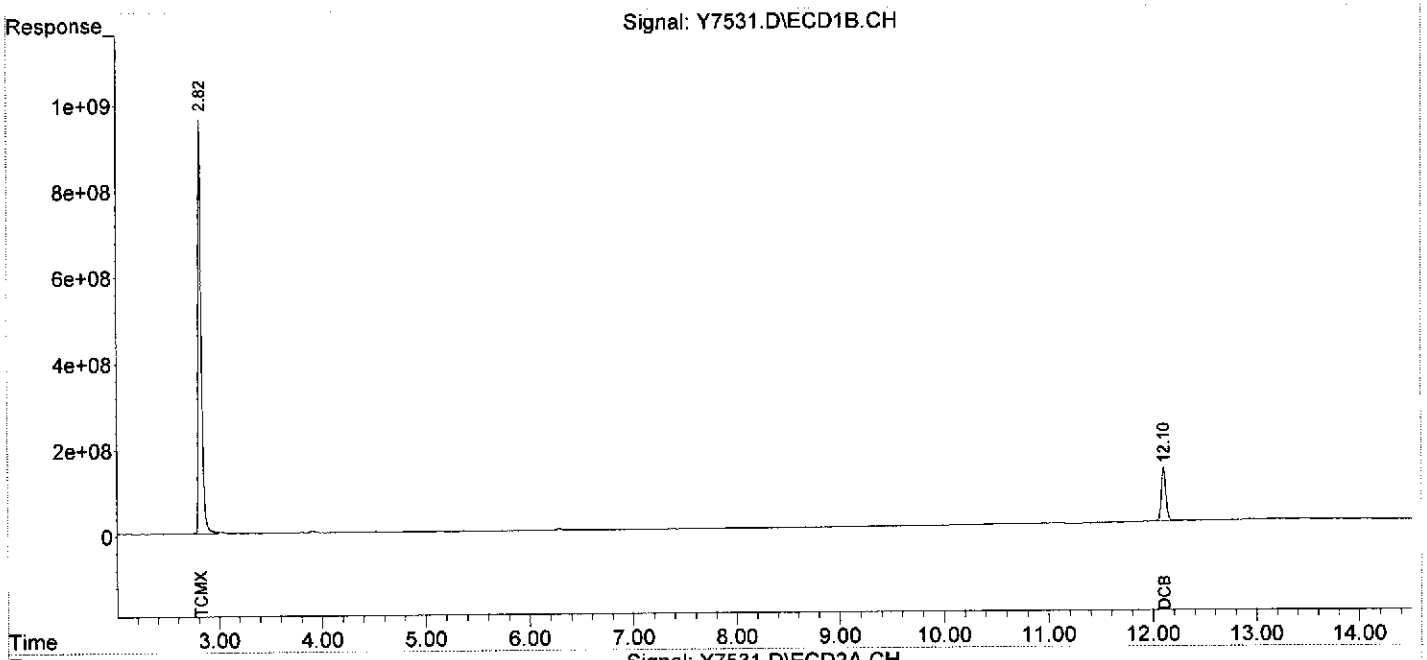
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

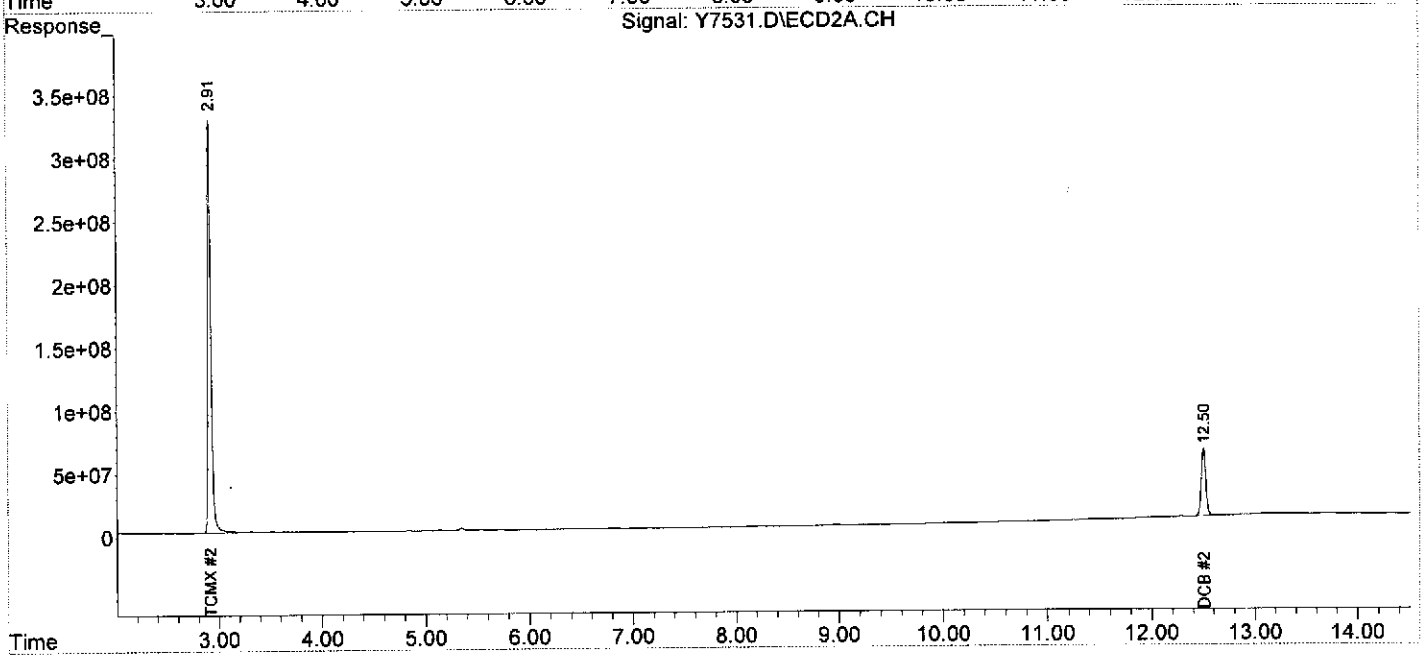
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7531.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 28 Jul 2012 5:58
Operator : YG
Sample : P-20_(4.0-,06968-048,S,5.88g,21.2,07/23/12,4
Misc : 120723-06,07/12/12,07/12/12,1
ALS Vial : 56 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 01 14:01:19 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-29-12\
Data File : Y7584.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Jul 2012 14:40
Operator : YG
Sample : Q-20_(0-2.,06968-049,S,5.14g,17.5,07/23/12,4
Misc : 120723-06,07/12/12,07/12/12,100
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 01 14:12:18 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						
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	5531.3E6	1722.3E6	1254.569	1080.436
24) L6 Aroclor-1248 {2}	5.05	5.73	1748.7E6	1828.6E6	721.492	780.589
25) L6 Aroclor-1248 {3}	5.37	6.12	2393.3E6	1241.0E6	779.946	732.634
26) L6 Aroclor-1248 {4}	6.07	6.28	5104.7E6	1115.4E6	915.944	767.384
27) L6 Aroclor-1248 {5}	6.34	6.63	3478.1E6	668.4E6	834.958	796.112
Sum Aroclor-1248			18256.0E6	6575.8E6	4506.909	4157.154
Average Aroclor-1248					901.382	831.431
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

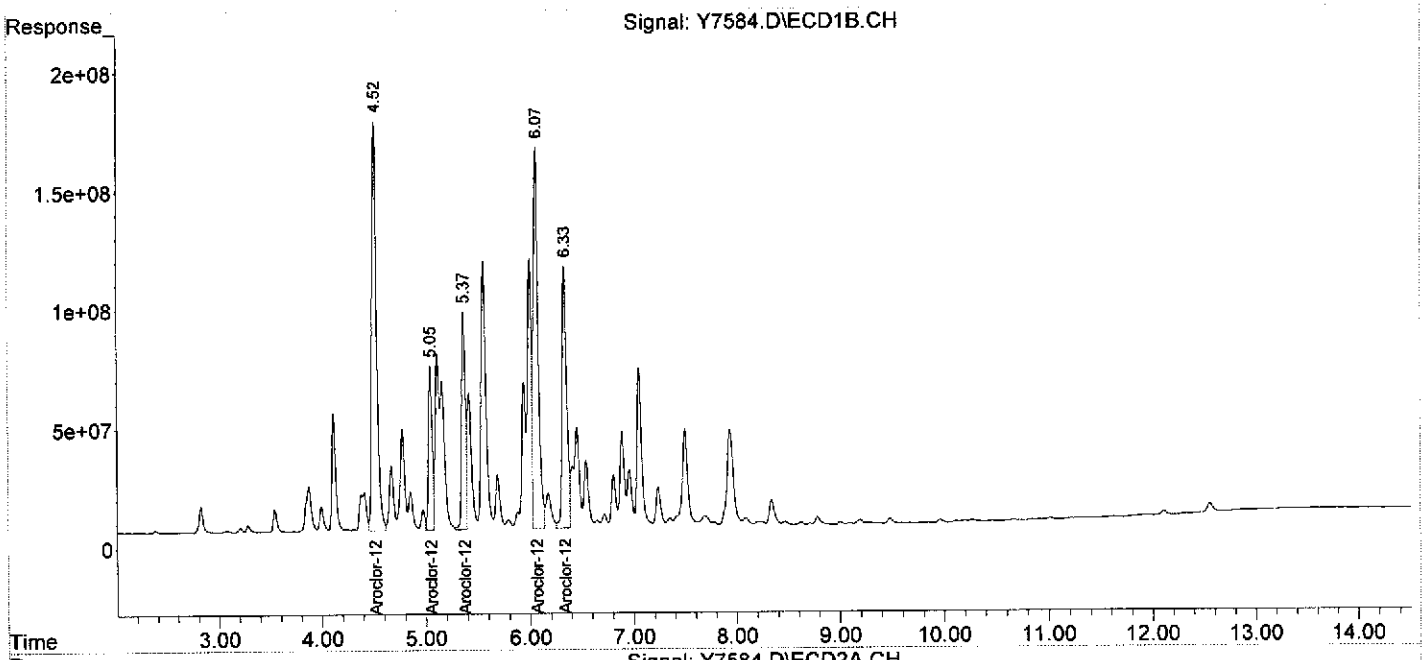
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

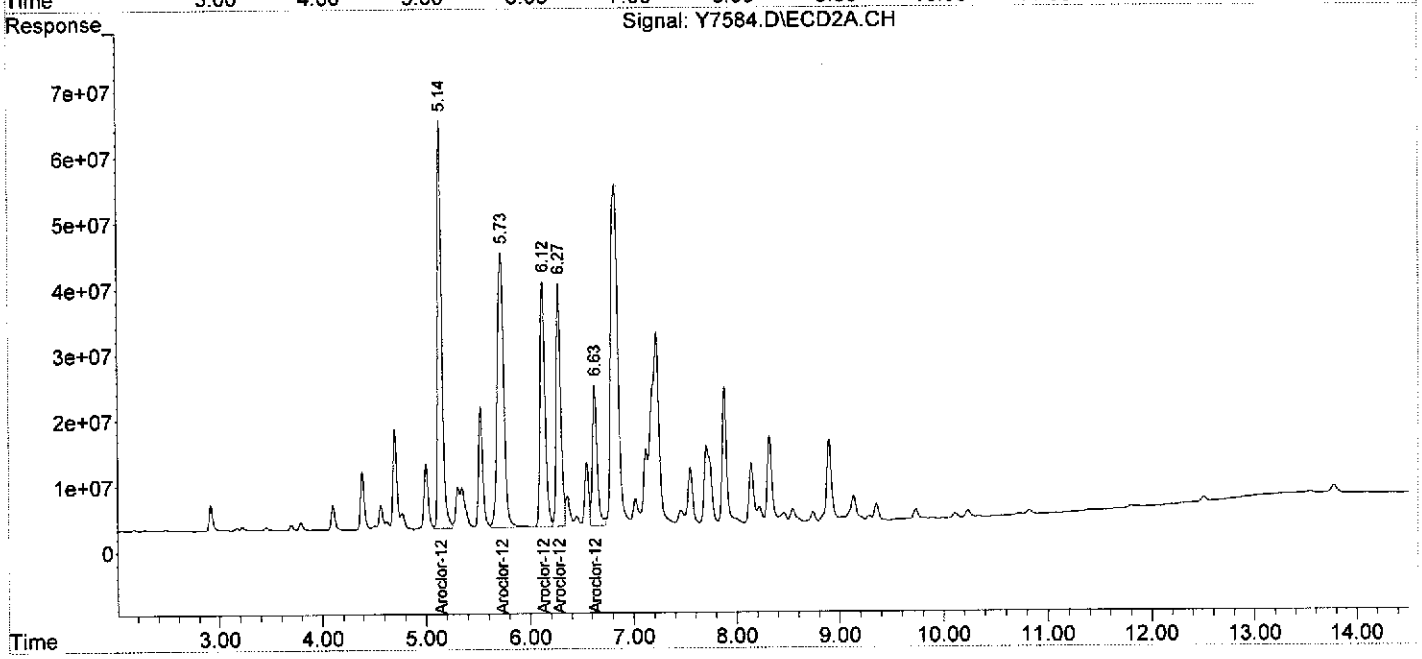
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-29-12\
Data File : Y7584.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Jul 2012 14:40
Operator : YG
Sample : Q-20_(0-2.,06968-049,S,5.14g,17.5,07/23/12,4
Misc : 120723-06,07/12/12,07/12/12,100
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 01 14:12:18 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-29-12\
Data File : Y7585.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Jul 2012 14:57
Operator : YG
Sample : Q-20_(2.0-,06968-050,S,5.33g,25.8,07/23/12,4
Misc : 120723-06,07/12/12,07/12/12,10
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 01 14:12:49 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	2573.9E6	896.4E6	27.073	25.646
Spiked Amount 200.000			Recovery =		13.54%	12.82%
2) S DCB	12.10	12.50	550.2E6	215.8E6	26.698m	25.109m
Spiked Amount 200.000			Recovery =		13.35%	12.55%
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	4.52	5.14	2849.0E6	873.7E6	646.187	548.100
24) L6 Aroclor-1248 {2}	5.05	5.73	901.0E6	1048.6E6	371.739	447.625
25) L6 Aroclor-1248 {3}	5.37	6.12	1056.7E6	637.6E6	344.378	376.452
26) L6 Aroclor-1248 {4}	6.07	6.28	2092.6E6	537.3E6	375.487	369.649
27) L6 Aroclor-1248 {5}	6.34	6.63	1467.7E6	275.1E6	352.343	327.671
Sum Aroclor-1248			8367.1E6	3372.4E6	2090.135	2069.497
Average Aroclor-1248					418.027	413.899
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

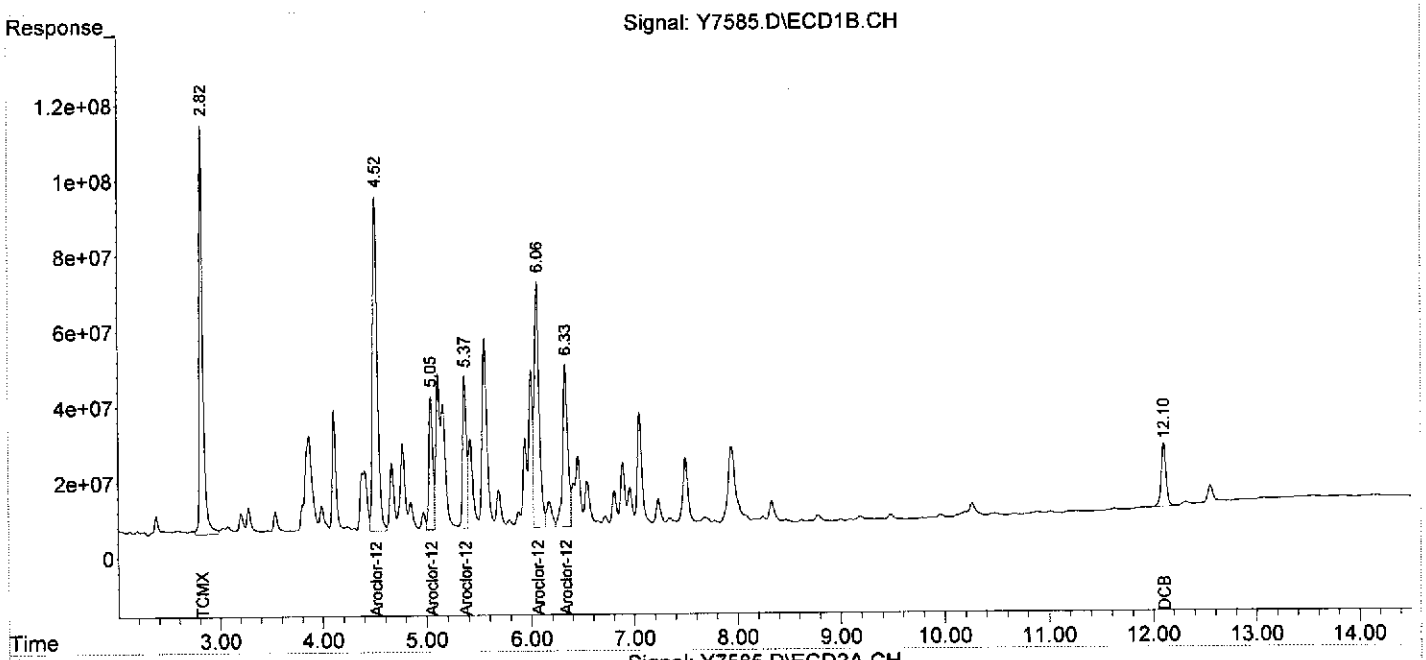
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

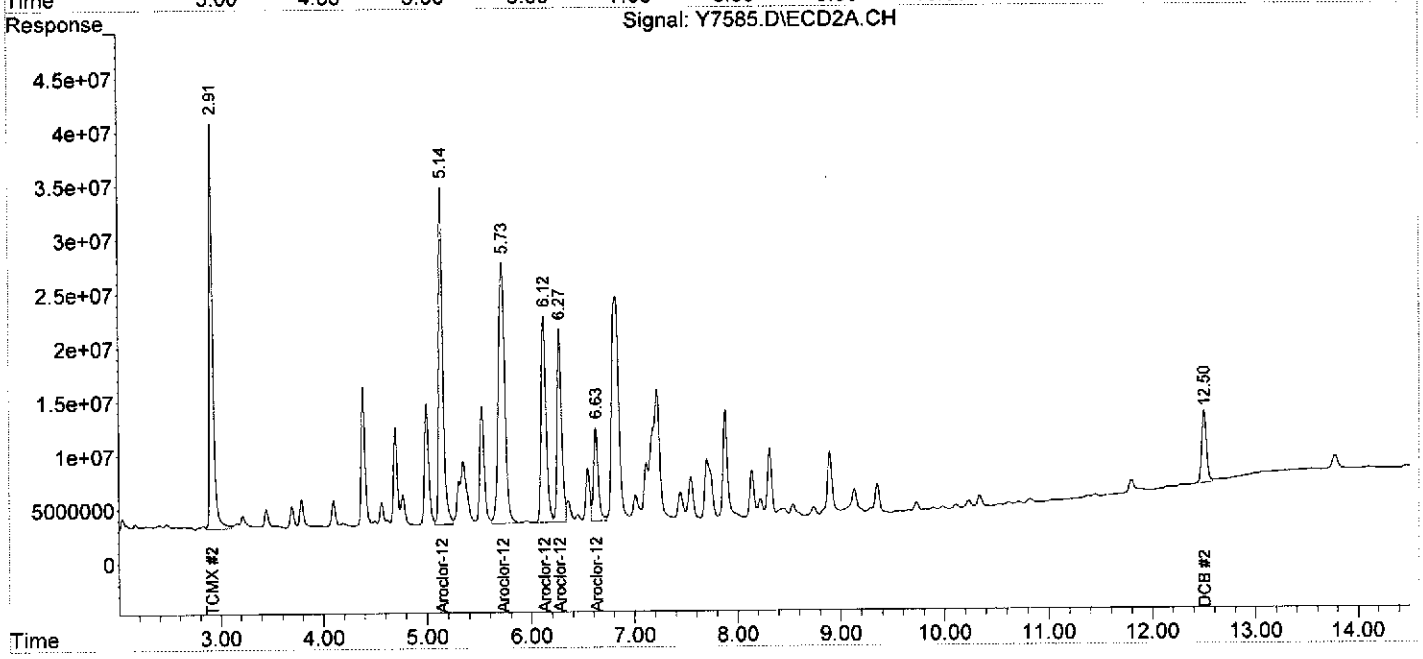
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-29-12\
Data File : Y7585.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Jul 2012 14:57
Operator : YG
Sample : Q-20_(2.0-,06968-050,S,5.33g,25.8,07/23/12,4
Misc : 120723-06,07/12/12,07/12/12,10
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 01 14:12:49 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7534.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 28 Jul 2012 6:50
Operator : YG
Sample : Q-20_(4.0-,06968-051,S,5.25g,22.4,07/23/12,4
Misc : 120723-06,07/12/12,07/12/12,1
ALS Vial : 59 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 01 14:02:15 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	20356.5E6	7442.0E6	214.119	212.917
Spiked Amount 200.000			Recovery	=	107.06%	106.46%
2) S DCB	12.11	12.50	4060.2E6	1747.0E6	197.018m	203.295m
Spiked Amount 200.000			Recovery	=	98.51%	101.65%
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
23) L6 Aroclor-1248	4.51	5.14	405.1E6	159.6E6	91.889	100.094
24) L6 Aroclor-1248 {2}	5.05	5.73	148.6E6	185.4E6	61.310	79.134 #
25) L6 Aroclor-1248 {3}	5.37	6.12	235.7E6	122.2E6	76.829	72.141
26) L6 Aroclor-1248 {4}	6.06	6.27	366.3E6	104.5E6	65.728	71.882
27) L6 Aroclor-1248 {5}	6.33	6.63	274.9E6	59035179	65.991	70.311
Sum Aroclor-1248			1430.7E6	630.7E6	361.747	393.561
Average Aroclor-1248					72.349	78.712
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

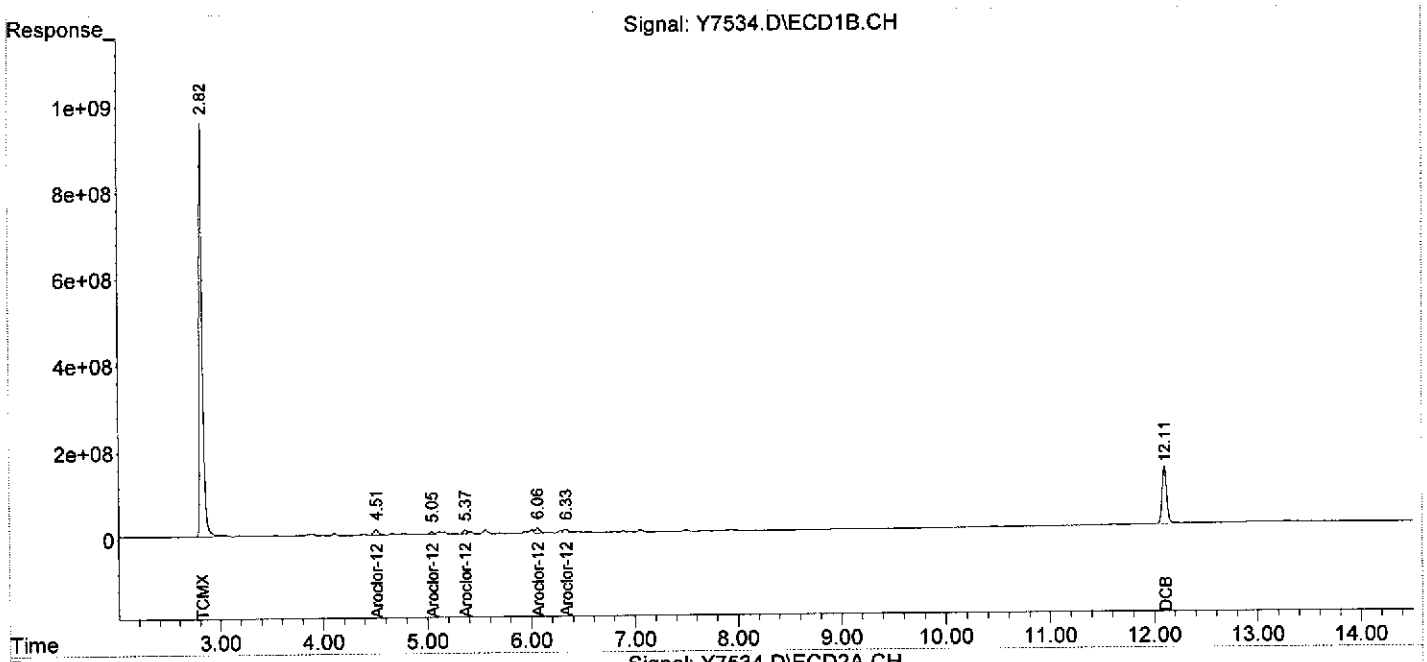
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

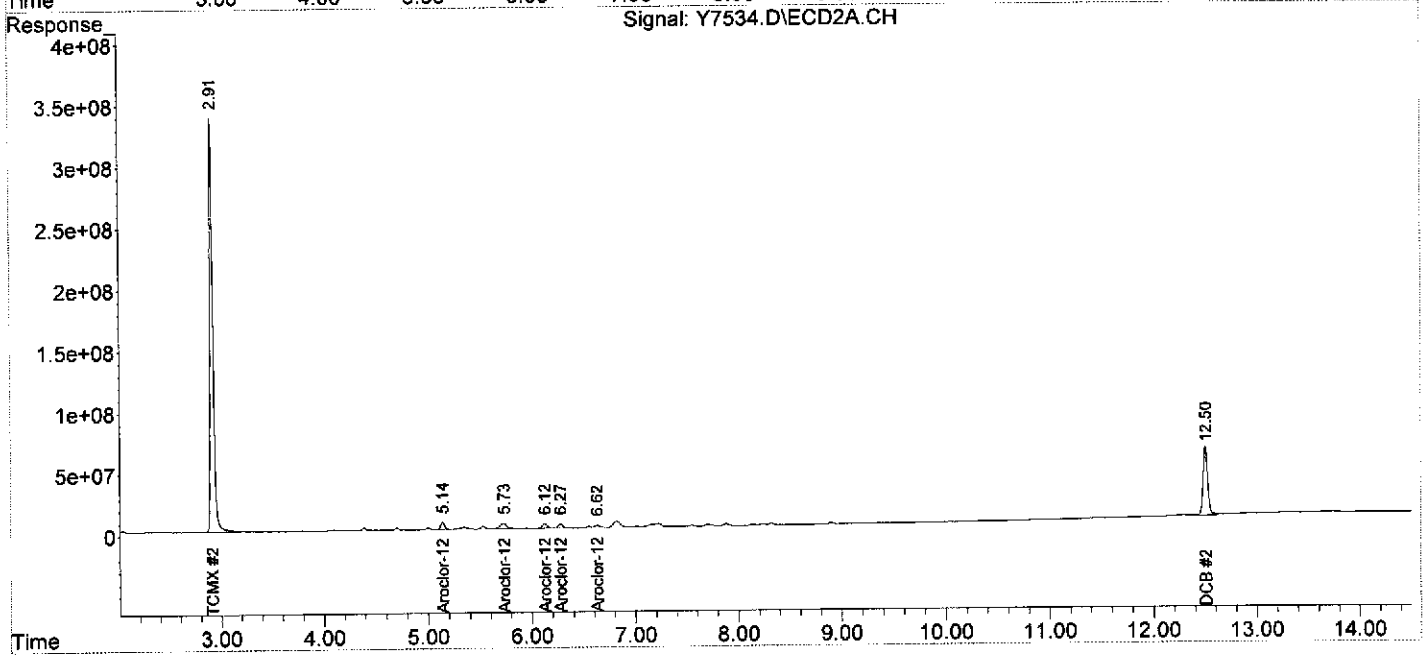
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7534.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 28 Jul 2012 6:50
Operator : YG
Sample : Q-20_(4.0-,06968-051,S,5.25g,22.4,07/23/12,4
Misc : 120723-06,07/12/12,07/12/12,1
ALS Vial : 59 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 01 14:02:15 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7273.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 24 Jul 2012 4:48
Operator : YG
Sample : FB-11,06968-052,A,1000ml,100,07/19/12,1
Misc : 120719-17,07/12/12,07/12/12,1
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 27 13:07:54 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 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	2.82	2.92	13880.6E6	5037.6E6	146.694	160.276
Spiked Amount 200.000			Recovery	=	73.35%	80.14%
2) S DCB	12.10	12.51	2574.1E6	1105.6E6	132.264m	145.042m
Spiked Amount 200.000			Recovery	=	66.13%	72.52%
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

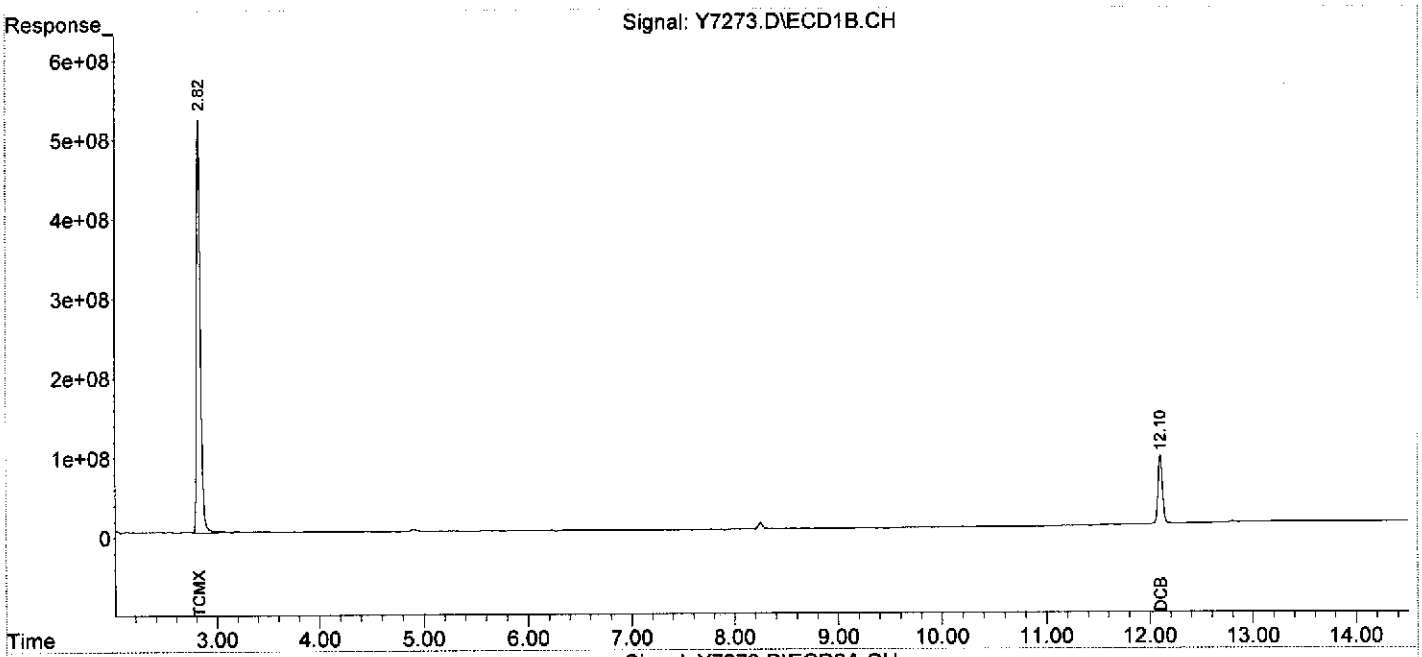
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

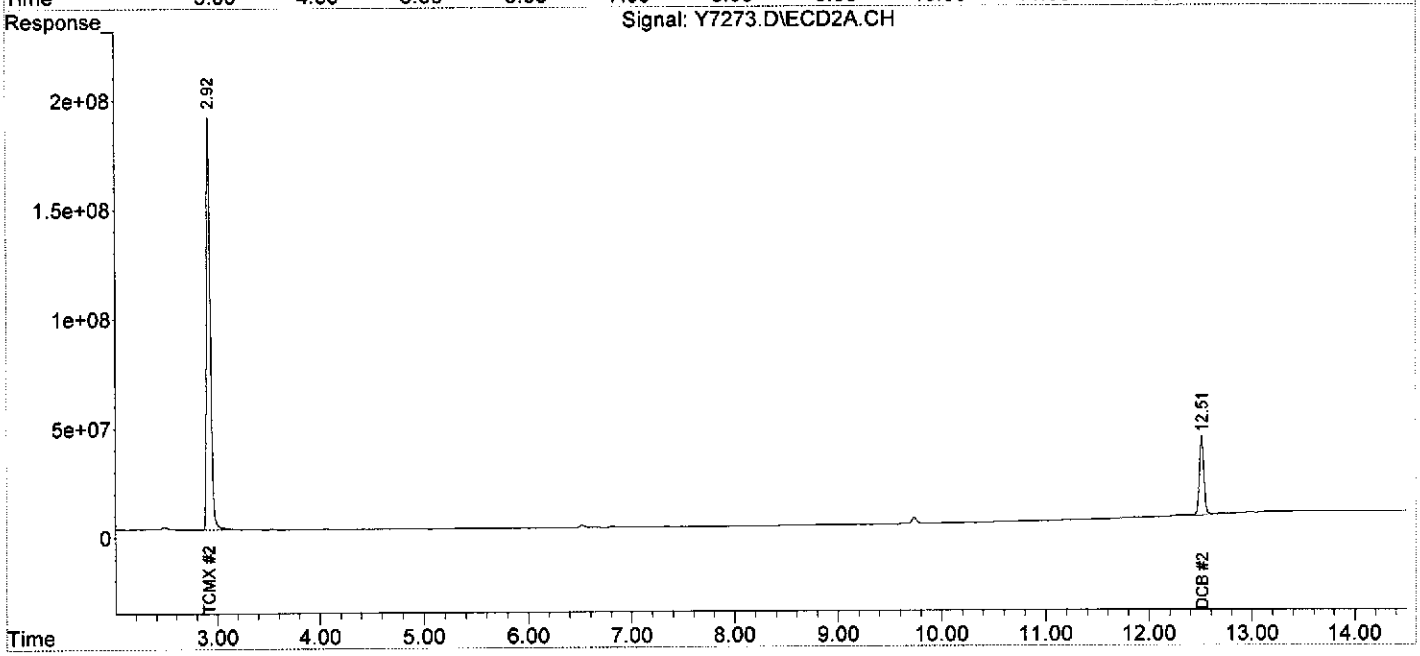
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7273.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 24 Jul 2012 4:48
Operator : YG
Sample : FB-11,06968-052,A,1000ml,100,07/19/12,1
Misc : 120719-17,07/12/12,07/12/12,1
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 27 13:07:54 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 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 :





INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKA120719-17
Client ID: PCB
Date Received: NA
Date Extracted: 07/19/2012
Date Analyzed: 07/24/2012
Data file: Y7272.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\07-23-12\
Data File : Y7272.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 24 Jul 2012 4:30
Operator : YG
Sample : PCB,BLKA120719-17,A,1000ml,100,07/19/12,1
Misc : NA,NA,NA,1
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 24 16:23:56 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 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	2.83	2.92	15283.8E6	5594.7E6	161.523	178.000
Spiked Amount 200.000			Recovery	=	80.76%	89.00%
2) S DCB	12.10	12.51	2738.6E6	1156.0E6	140.718m	151.657m
Spiked Amount 200.000			Recovery	=	70.36%	75.83%
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
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

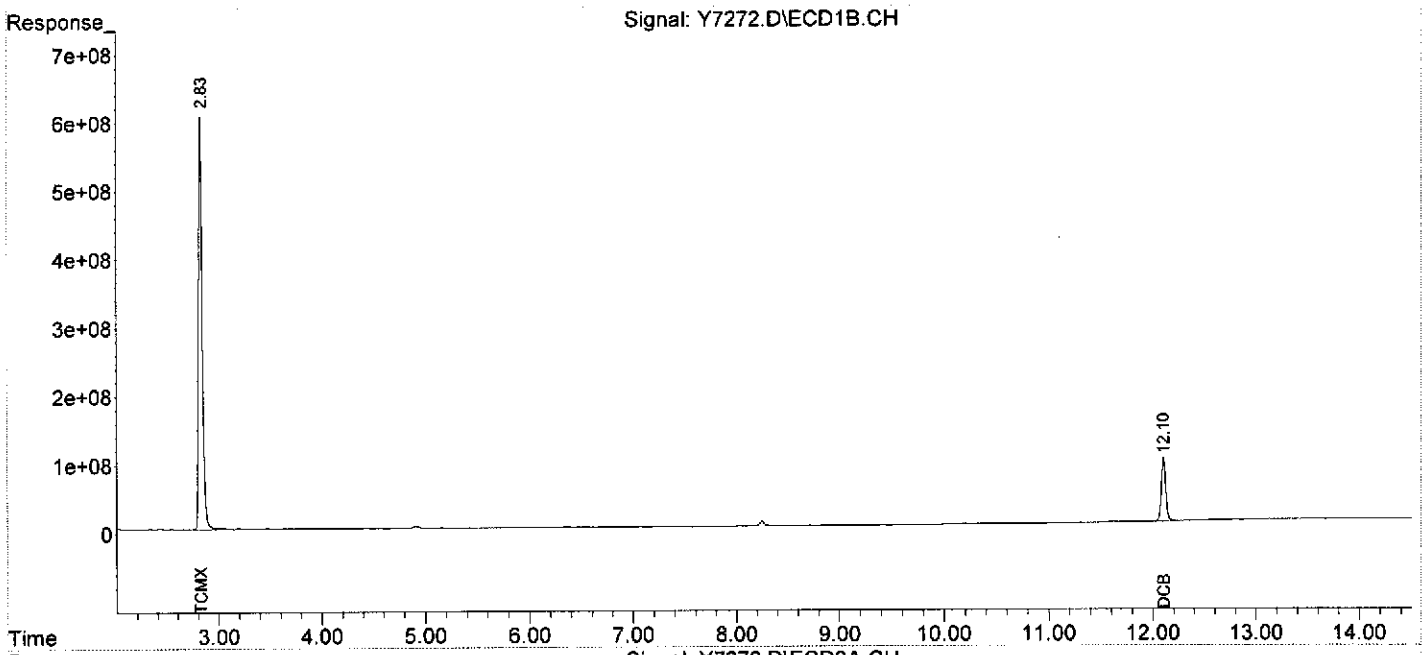
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

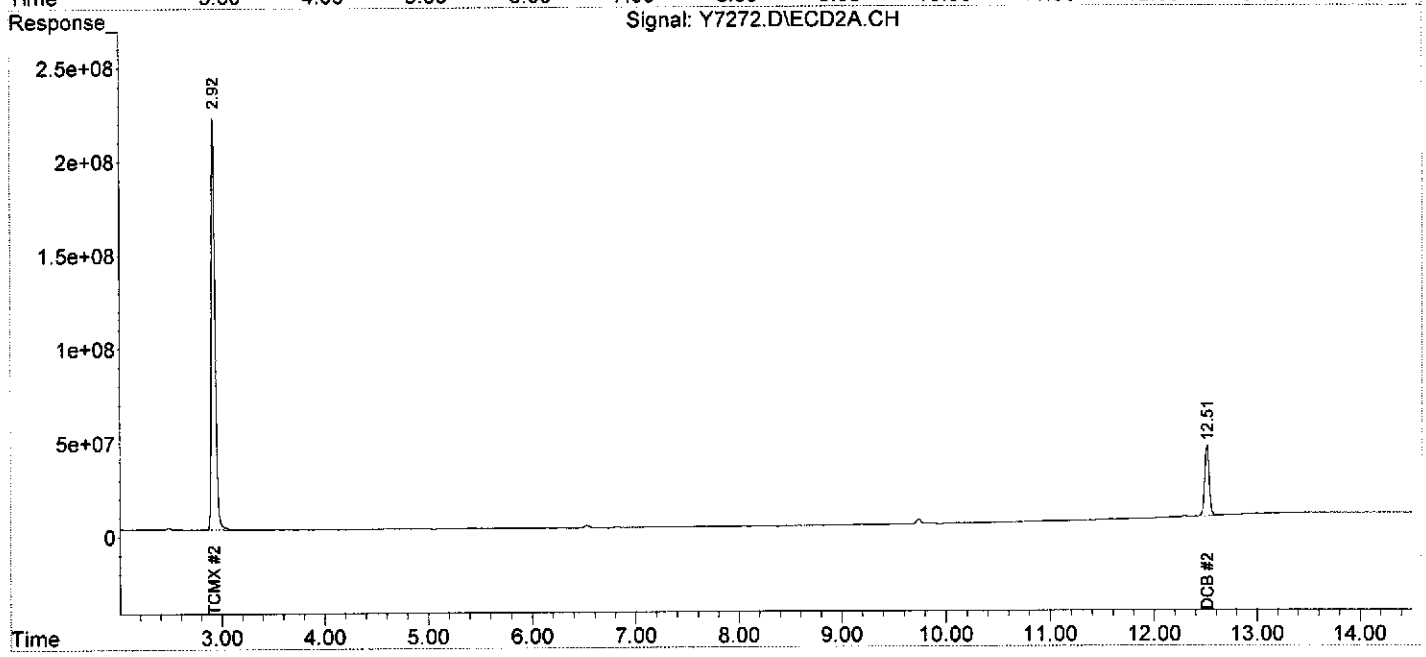
Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\07-23-12\
Data File : Y7272.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 24 Jul 2012 4:30
Operator : YG
Sample : PCB,BLKA120719-17,A,1000ml,100,07/19/12,1
Misc : NA,NA,NA,1
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 24 16:23:56 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 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 :





INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKS120723-02
Client ID: PCB
Date Received: NA
Date Extracted: 07/23/2012
Date Analyzed: 07/24/2012
Data file: Y7288.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\07-23-12\
Data File : Y7288.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 24 Jul 2012 9:23
Operator : YG
Sample : PCB,BLKS120723-02,S,5.00g,0,07/23/12,4
Misc : NA,NA,NA,1
ALS Vial : 47 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 27 14:39:49 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 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	2.82	2.91	19880.2E6	6881.6E6	210.099	218.942
Spiked Amount 200.000			Recovery	=	105.05%	109.47%
2) S DCB	12.11	12.51	4114.1E6	1589.3E6	211.395	208.503m
Spiked Amount 200.000			Recovery	=	105.70%	104.25%
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

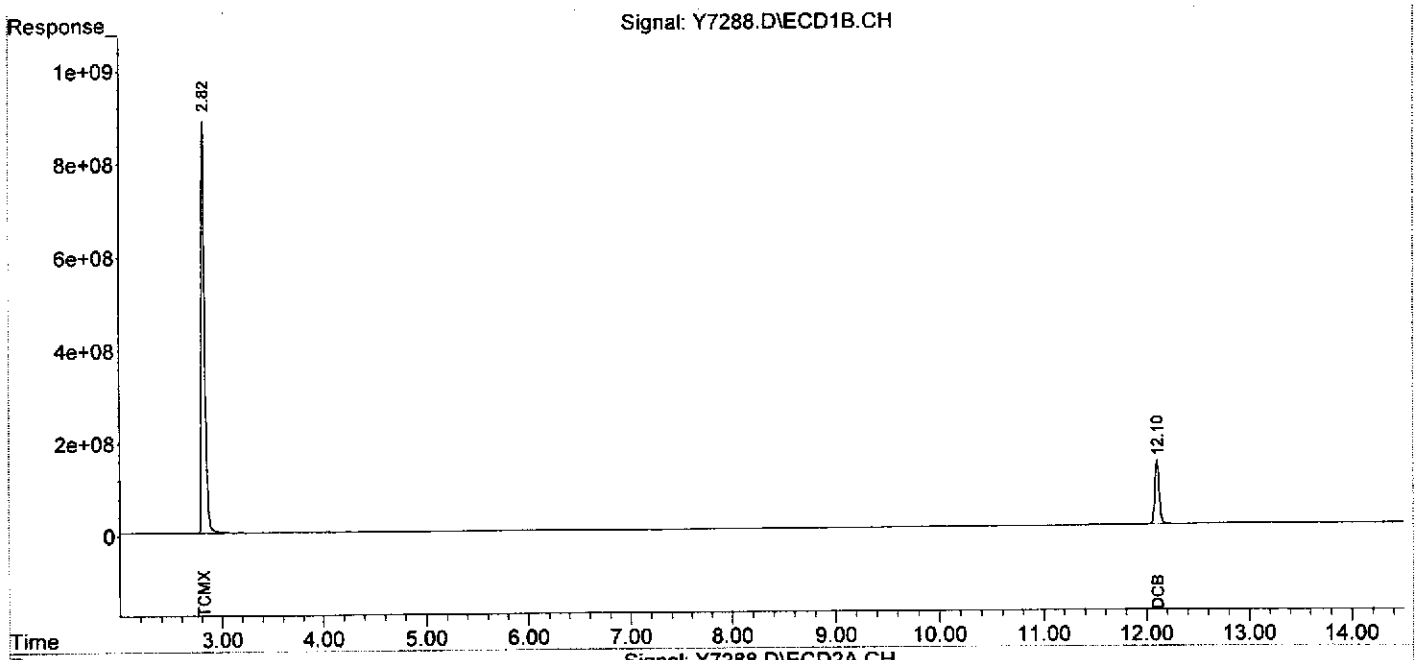
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

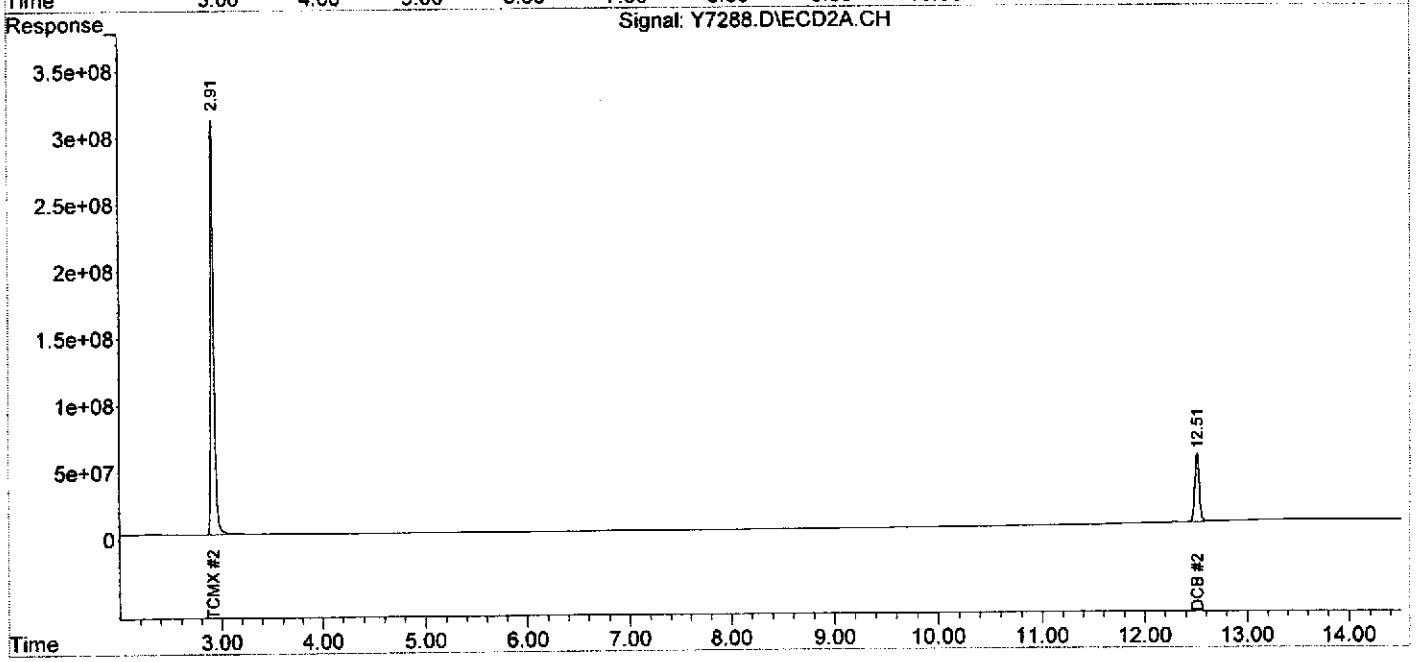
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-23-12\
Data File : Y7288.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 24 Jul 2012 9:23
Operator : YG
Sample : PCB,BLKS120723-02,S,5.00g,0,07/23/12,4
Misc : NA,NA,NA,1
ALS Vial : 47 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 27 14:39:49 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0626.M
Quant Title :
QLast Update : Sun Jul 22 13:20:51 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 :





INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKS120723-05
Client ID: PCB
Date Received: NA
Date Extracted: 07/23/2012
Date Analyzed: 07/27/2012
Data file: Y7495.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\07-27-12\
Data File : Y7495.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 19:22
Operator : YG
Sample : PCB,BLKS120723-05,S,5.00g,0,07/23/12,4
Misc : NA,NA,NA,1
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:19:40 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	22303.4E6	7692.4E6	234.598	220.081
Spiked Amount 200.000			Recovery	=	117.30%	110.04%
2) S DCB	12.11	12.50	2985.2E6	2166.7E6	144.855	252.129 #
Spiked Amount 200.000			Recovery	=	72.43%	126.06%
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
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

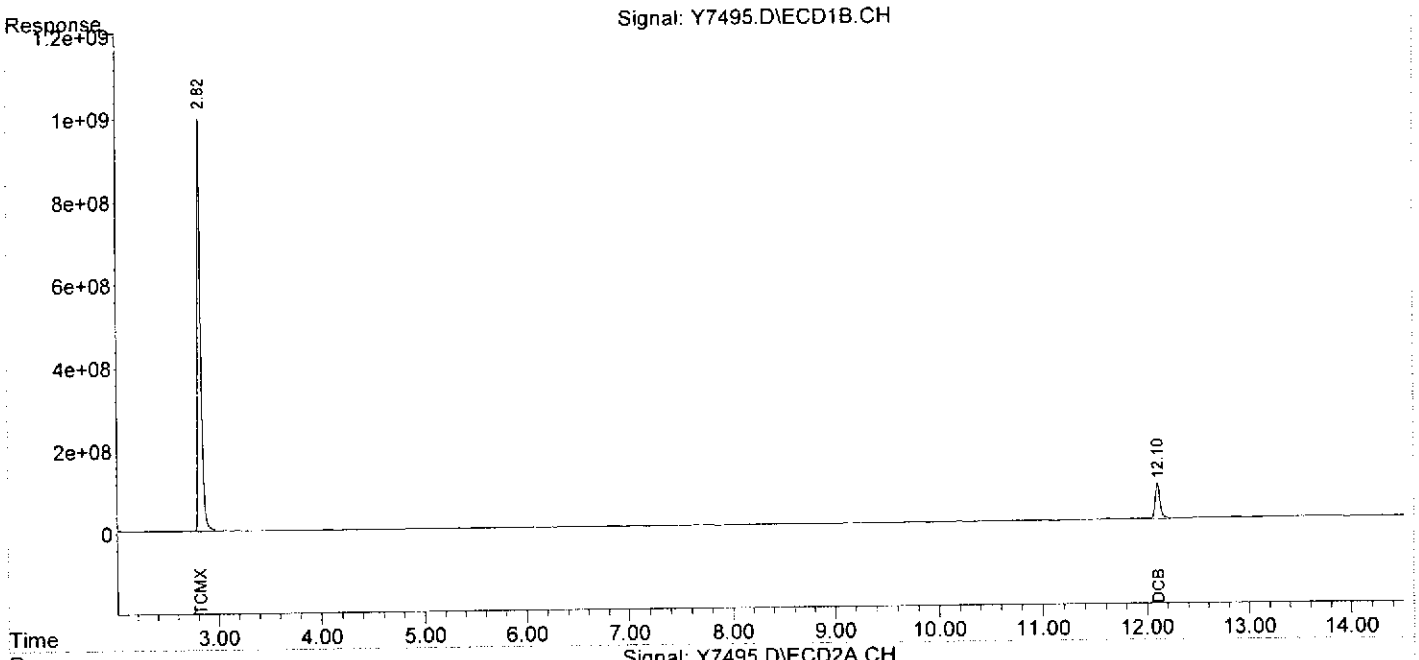
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

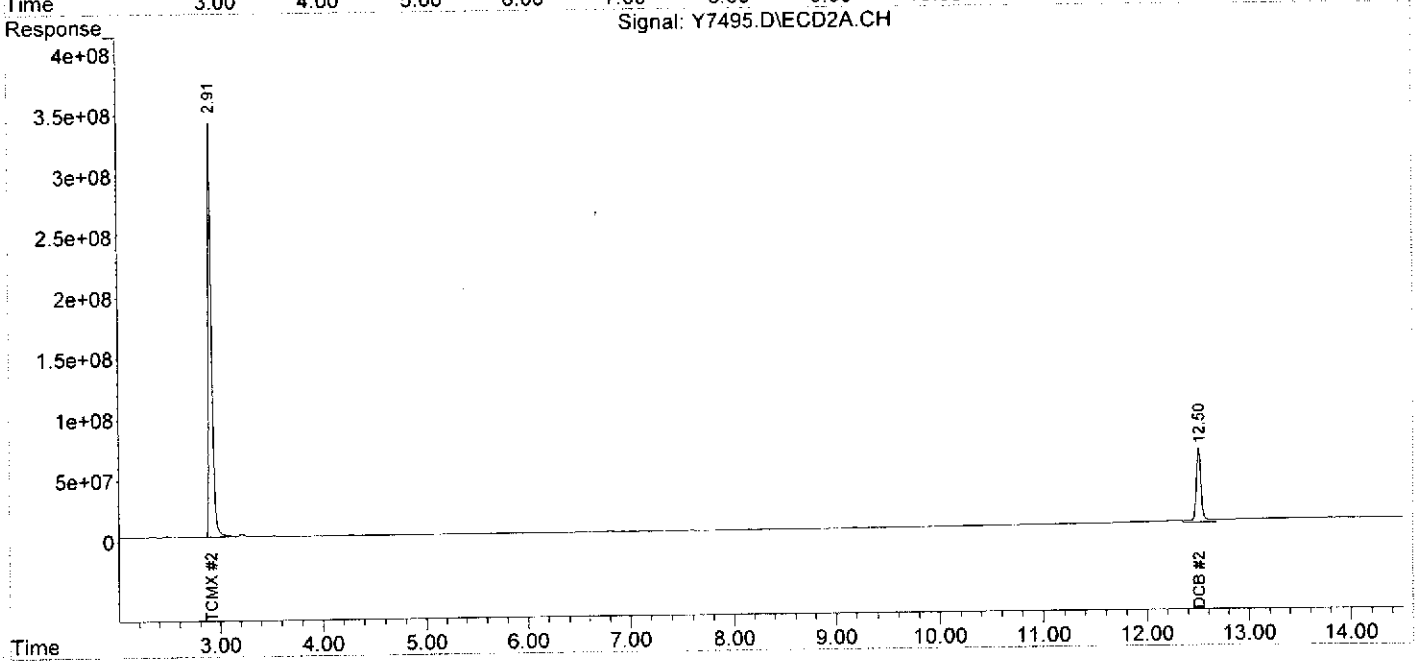
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7495.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Jul 2012 19:22
Operator : YG
Sample : PCB,BLKS120723-05,S,5.00g,0,07/23/12,4
Misc : NA,NA,NA,1
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 31 11:19:40 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 :





INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKS120723-02
Client ID: PCB
Date Received: NA
Date Extracted: 07/23/2012
Date Analyzed: 07/28/2012
Data file: Y7547.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\07-27-12\
Data File : Y7547.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 28 Jul 2012 10:51
Operator : YG
Sample : PCB,BLKS120723-02,S,5.00g,0,07/23/12,4
Misc : NA,NA,NA,1
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 30 14:48:58 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	20948.1E6	7280.1E6	220.342	208.285
Spiked Amount 200.000			Recovery	=	110.17%	104.14%
2) S DCB	12.10	12.50	4135.9E6	1673.1E6	200.694	194.696m
Spiked Amount 200.000			Recovery	=	100.35%	97.35%
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

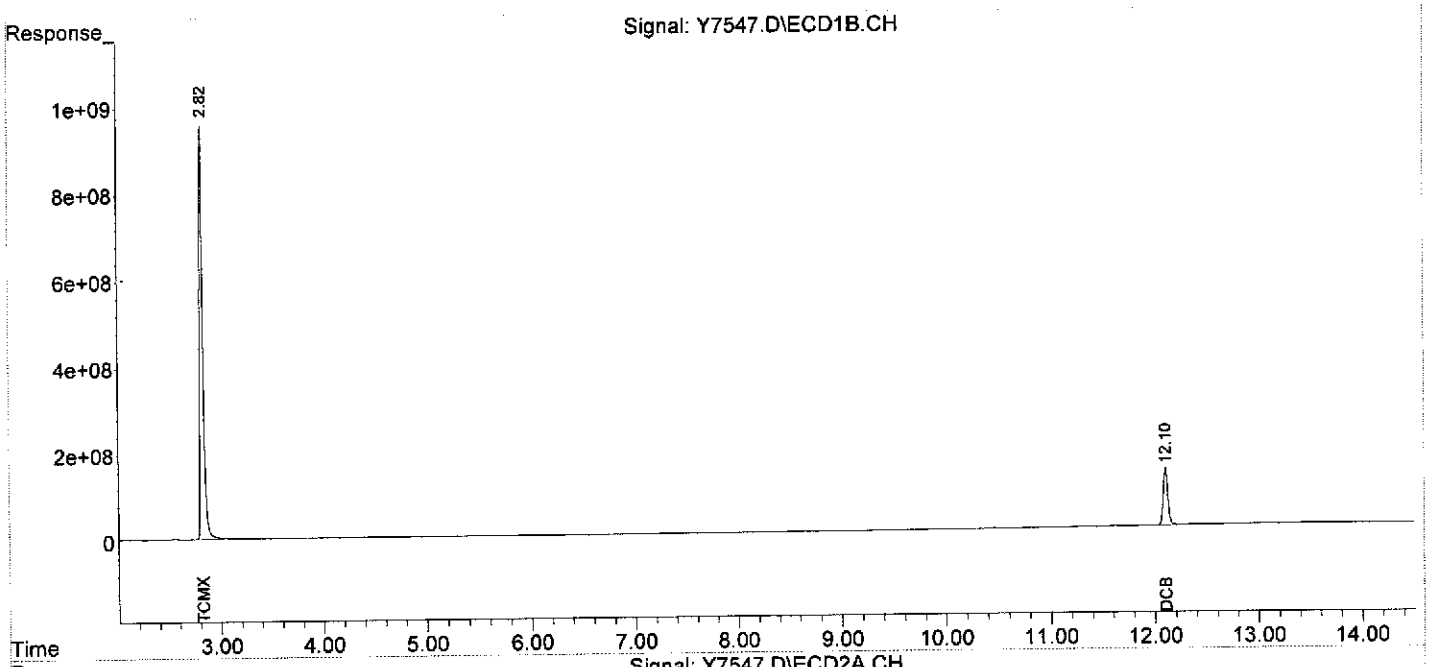
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

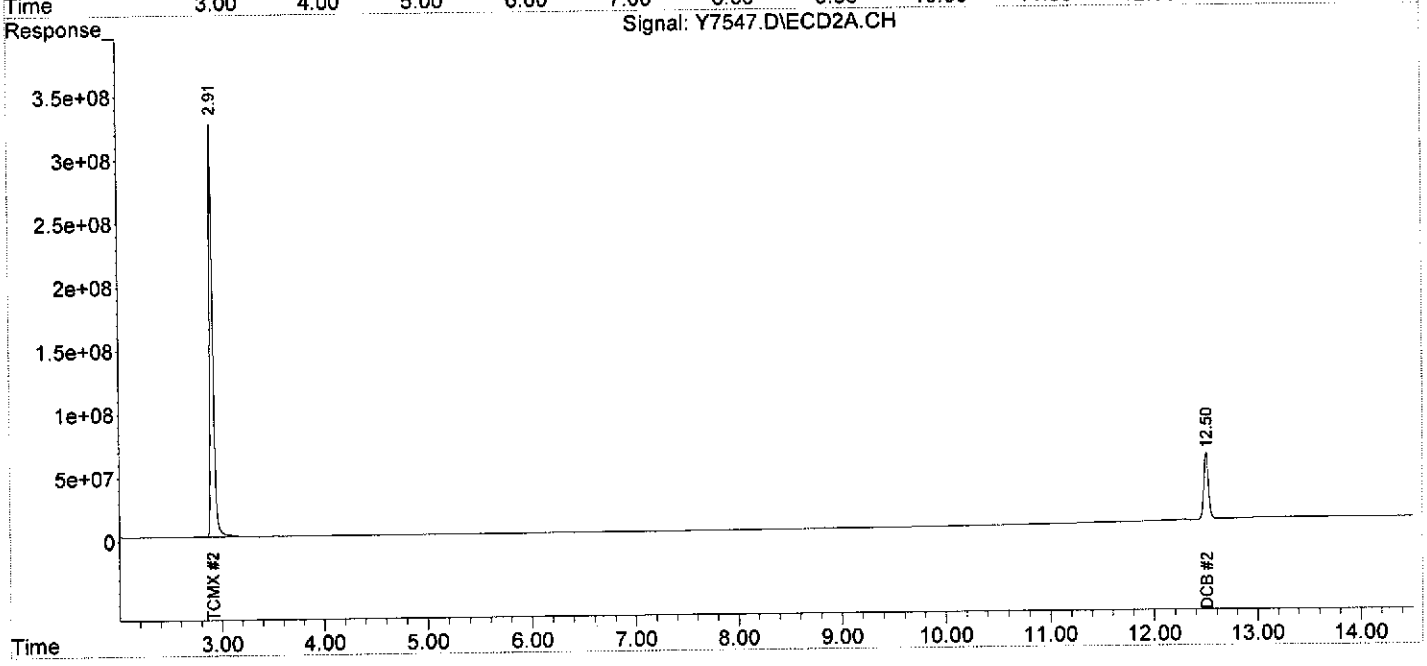
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7547.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 28 Jul 2012 10:51
Operator : YG
Sample : PCB,BLKS120723-02,S,5.00g,0,07/23/12,4
Misc : NA,NA,NA,1
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Jul 30 14:48:58 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 :





INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKS120723-06
Client ID: PCB
Date Received: NA
Date Extracted: 07/23/2012
Date Analyzed: 07/28/2012
Data file: Y7521.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\07-27-12\
Data File : Y7521.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 28 Jul 2012 3:07
Operator : YG
Sample : PCB,BLKS120723-06,S,5.00g,0,07/23/12,4
Misc : NA,NA,NA,1
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 01 13:27:33 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	22656.1E6	8021.5E6	238.308	229.496
Spiked Amount 200.000			Recovery	=	119.15%	114.75%
2) S DCB	12.10	12.50	3691.1E6	1799.2E6	179.109m	209.365m
Spiked Amount 200.000			Recovery	=	89.55%	104.68%
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

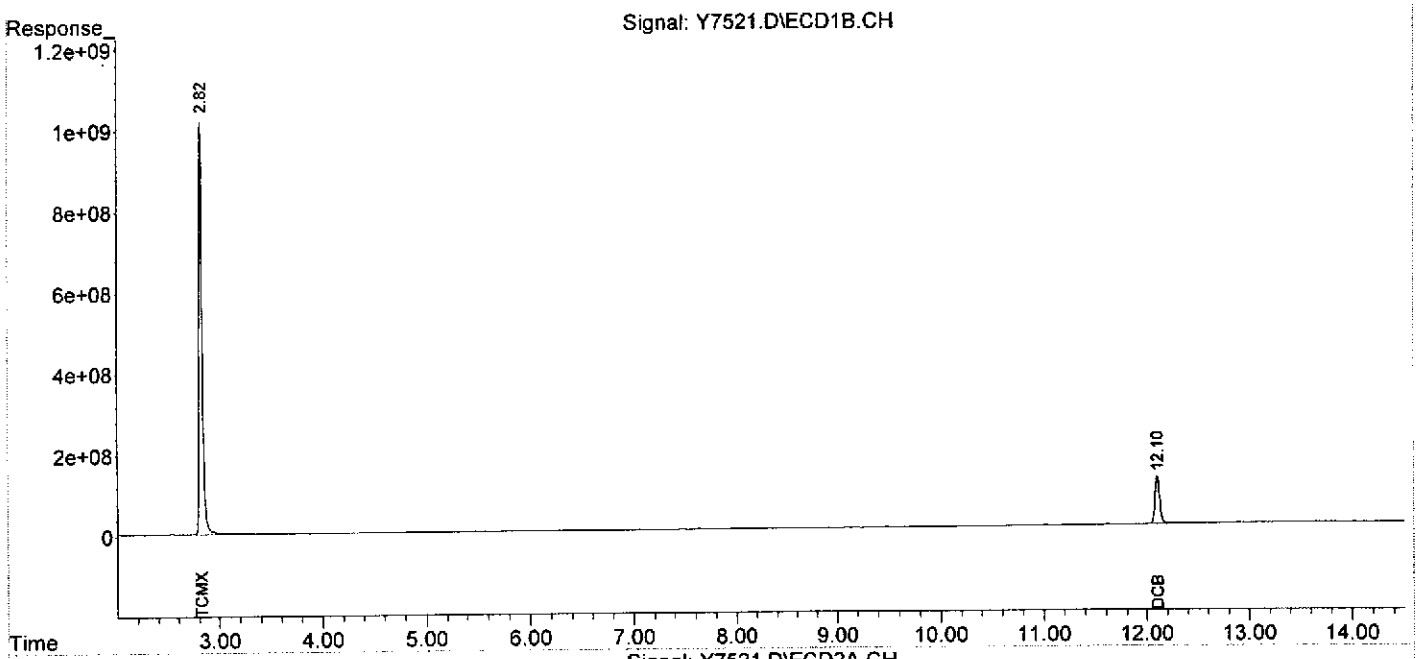
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

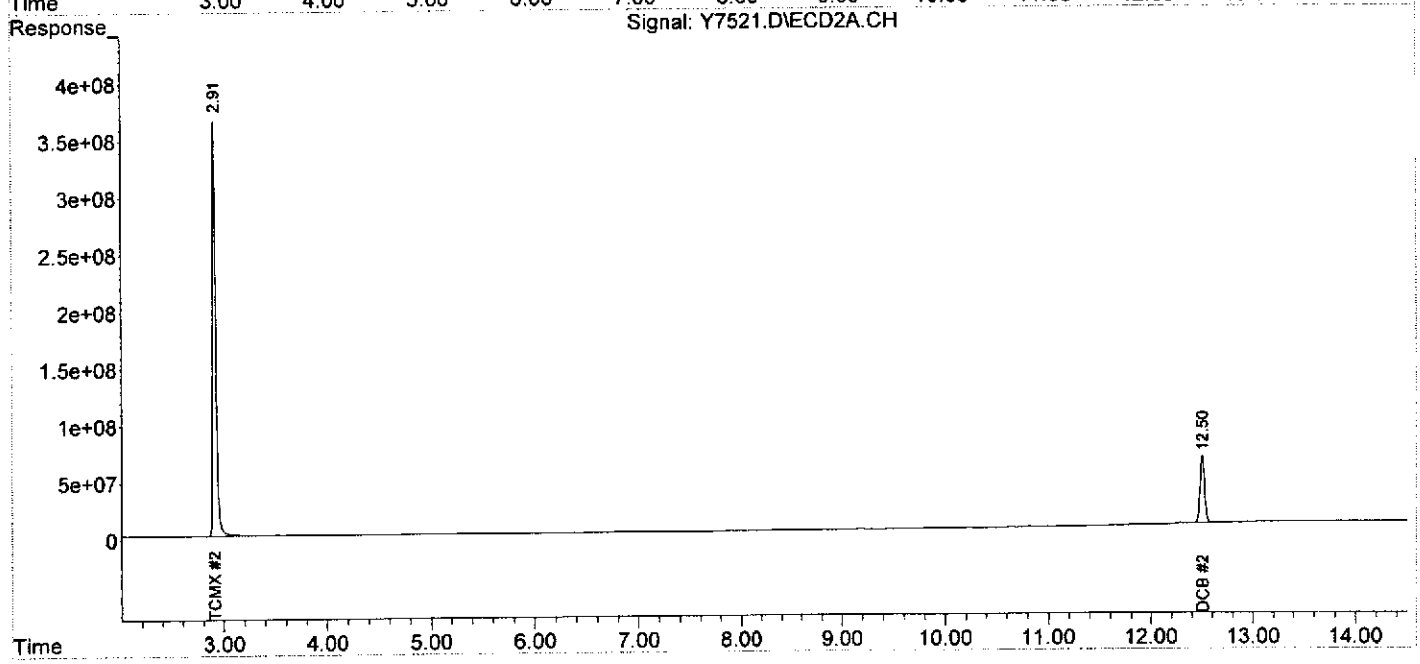
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-27-12\
Data File : Y7521.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 28 Jul 2012 3:07
Operator : YG
Sample : PCB,BLKS120723-06,S,5.00g,0,07/23/12,4
Misc : NA,NA,NA,1
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 01 13:27:33 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	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 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: TCL PCB (8082)

BOTTLES & PRESERVATIVES: HCL, HNO3, MeOH, H2SO4, NAOH/ZNAc, Sterile

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# container #	IAL#	TCL PCB (8082)	HCL	HNO3	MeOH	H2SO4	NAOH/ZNAc	Sterile
V-23 (0-2.0)		7/12/12	8:57	S	1	1	X						
V-23 (2.0-4.0)			8:58	S	1	2	X						
V-23 (4.0-6.0)			8:59	S	1	3	X						
U-23 (0-2.0)			9:25	S	1	4	X						
U-23 (2.0-4.0)			9:26	S	1	5	X						
U-23 (4.0-6.0)			9:27	S	1	6	X						
T-23 (0-2.0)			9:41	S	1	7	X						
T-23 (2.0-4.0)			9:42	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:	7/12/12	1522	Received by:	7/12/12	1522
Relinquished by:	7/12/12	1700	Received by:	7/12/12	1700
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

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Lab Case # 06968

PAGE: 1 of 7

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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 Hallgren	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	# containers	IAL #	TCL PCB (8082)	HCL	HNO3	MeOH	H2SO4	NAOH/ZNAc	Sterile
T-23 (4.0-6.0)		7/12/12	9:43	S	1	9	x						
S-23 (0-2.0)			10:05	S	1	10	x						
S-23 (2.0-4.0)			10:06	S	1	11	x						
S-23 (4.0-6.0)			10:07	S	1	12	x						
R-22 (0-2.0)			10:20	S	1	13	x						
R-22 (2.0-4.0)			10:21	S	1	14	x						
R-22 (4.0-6.0)			10:22	S	1	15	x						
S-22 (0-2.0)			10:42	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:	7/12/12	1522	Received by:	7/12/12	1522
Relinquished by:	7/12/12	1700	Received by:	7/12/12	1700
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

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Lab Case # 06968

PAGE: 2 of 7

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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	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) 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%

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	NaOH/ZNAc	Sterile
S-22 (2.0-4.0')		7/12/12	10:43	S	1	17	x						
S-22 (4.0-6.0')		↓	10:44	S	1	18	x						
T-22 (0-2.0')			10:55	S	1	19	x						
T-22 (2.0-4.0')			10:56	S	1	20	x						
T-22 (4.0-6.0')			10:57	S	1	21	x						
U-22 (0-2.0')			11:11	S	1	22	x						
U-22 (2.0-4.0')			11:12	S	1	23	x						
U-22 (4.0-6.0')		↓	11:13	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:	7/12/12	1522	Received by:	7/12/12	1522
Relinquished by:	7/12/12	1700	Received by:	7/12/12	1700
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

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Lab Case # 06968

PAGE: 3 of 7

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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 Hallgren	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: SBP 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

ANALYTICAL PARAMETERS / **# BOTTLES & PRESERVATIVES**

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	HCL	HNO3	MeOH	H2SO4	NAOH/ZNAc	Sterile
V-22 (0-2.0)		7/12/12	11:33	S	1	25	x						
V-22 (2.0-4.0)			11:34	S	1	26	x						
V-22 (4.0-6.0)			11:35	S	1	27	x						
V-21 (0-2.0')			11:57	S	1	28	x						
V-21 (2.0-4.0')			11:58	S	1	29	x						
V-21 4.0-6.0')			11:59	S	1	30	x						
U-21 (0-2.0)			12:15	S	1	31	x						
U-21 (2.0-4.0)			12:16	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:	7/12/12	1522	Received by:	7/12/12	1522
Relinquished by:	7/12/12	1700	Received by:	7/12/12	1700
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 06968

PAGE: 4 of 7

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Turnaround Time (starts the following day if samples rec'd at lab > 5PM)

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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%

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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	MeOH	H2SO4	NAOH/ZNAc	Sterile
U-21 (40-60)		7/12/12	12:17	S	1	33	X						
T-21 (0-2.0')			1:25	S	1	34	X						
T-21 (2.0-4.0')			1:26	S	1	35	X						
T-21 (4.0-6.0')			1:28	S	1	36	X						
S-21 (0-2.0)			1:39	S	1	37	X						
S-21 (2.0-4.0)			1:42	S	1	38	X						
S-21 (4.0-6.0)			1:43	S	1	39	X						
R-21 (0-2.0')			2:08	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)

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	Signature/Company	Date	Time		Signature/Company	Date	Time
Relinquished by:		7/12/12	1522	Received by:		7/12/12	1522
Relinquished by:		7/12/12	1700	Received by:		7/12/12	1700
Relinquished by:				Received by:			
Relinquished by:				Received by:			
Relinquished by:				Received by:			

Comments:

Lab Case # 06968

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Project Name: Arsynco	(with copy to: JMC Environmental (attn.: J. Clabby))
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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

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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	MeOH	H2SO4	NAOH/ZNAc	Sterile
R-21 (2.0-4.0)		7/12/12	2:10	S	1	41	x						
R-21 (4.0-6.0)		↓	2:11	S	1	42	x						
Q-21 (0-2.0)			2:32	S	1	43	x						
Q-21 (2.0-4.0)			2:33	S	1	44	x						
Q-21 (4.0-6.0)			2:35	S	1	45	x						
P-20 (0-2.0)			2:45	S	1	46	x						
P-20 (2.0-4.0)			2:46	S	1	47	x						
P-20 (4.0-6.0)		↓	2:48	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: [signature]	7/12/12	1522	Received by: [signature]	7/12/12	1522
Relinquished by: [signature]	7/12/12	1700	Received by: [signature]	7/12/12	1700
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 06968

PAGE: 6 of 7

LAB COPIES - WHITE & YELLOW; CLIENT COPY - PINK

0256

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 Hallgren	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 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: TCL PCB (8082)

BOTTLES & PRESERVATIVES: HCL, HNO3, MeOH, H2SO4, NaOH/ZnAc, Sterile

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	HCL	HNO3	MeOH	H2SO4	NaOH/ZnAc	Sterile
Q-20 (0-2.0)		7/12/12		S	1	49	X						
Q-20 (2.0-4.0)		↓		S	1	50	X						
Q-20 (4.0-6.0)				S	1	51	X						
FB-11		↓		AQ	2	52	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.

Carrier (check one): _____ IAL Courier _____ Client Courier _____ FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by:	7/12/12	1522	Received by:	7/12/12	1522
Relinquished by:	7/12/12	1700	Received by:	7/12/12	1700
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 06968

PAGE: 7 of 7

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0257

PROJECT INFORMATION

E12-06968

Case No. E12-06968 **Project** ARSYNCO

Customer	JMC Environmental Consultants	**P.O. #**	
Contact	Jim Clabby	**Received**	7/12/2012 17:00
EMail	ahallgreen@jmcenvironmental.co ☑ EMail EDDs tadams@jmcenvironmental.com	**Verbal Due**	7/27/2012
Phone	(732) 295-2144 **Fax** 1(732) 295-2150	**Report Due**	8/3/2012

Report To	**Bill To**
2109 Bridge Avenue	Aceto Corp.
Building B	4 Tri Harbor Court
Point Pleasant, NJ 08742	Port Washington, NY 11050
Attn: Jim Clabby	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
06968-001	V-23 (0-2.0)	0 / 2	7/12/2012@08:57	Soil	mg/Kg	1
06968-002	V-23 (2.0-4.0)	2 / 4	7/12/2012@08:58	Soil	mg/Kg	1
06968-003	V-23 (4.0-6.0)	4 / 6	7/12/2012@08:59	Soil	mg/Kg	1
06968-004	U-23 (0-2.0)	0 / 2	7/12/2012@09:25	Soil	mg/Kg	1
06968-005	U-23 (2.0-4.0)	2 / 4	7/12/2012@09:26	Soil	mg/Kg	1
06968-006	U-23 (4.0-6.0)	4 / 6	7/12/2012@09:27	Soil	mg/Kg	1
06968-007	T-23 (0-2.0)	0 / 2	7/12/2012@09:41	Soil	mg/Kg	1
06968-008	T-23 (2.0-4.0)	2 / 4	7/12/2012@09:42	Soil	mg/Kg	1
06968-009	T-23 (4.0-6.0)	4 / 6	7/12/2012@09:43	Soil	mg/Kg	1
06968-010	S-23 (0-2.0)	0 / 2	7/12/2012@10:05	Soil	mg/Kg	1
06968-011	S-23 (2.0-4.0)	2 / 4	7/12/2012@10:06	Soil	mg/Kg	1
06968-012	S-23 (4.0-6.0)	4 / 6	7/12/2012@10:07	Soil	mg/Kg	1
06968-013	R-22 (0-2.0)	0 / 2	7/12/2012@10:20	Soil	mg/Kg	1
06968-014	R-22 (2.0-4.0)	2 / 4	7/12/2012@10:21	Soil	mg/Kg	1
06968-015	R-22 (4.0-6.0)	4 / 6	7/12/2012@10:22	Soil	mg/Kg	1
06968-016	S-22 (0-2.0)	0 / 2	7/12/2012@10:42	Soil	mg/Kg	1
06968-017	S-22 (2.0-4.0)	2 / 4	7/12/2012@10:43	Soil	mg/Kg	1
06968-018	S-22 (4.0-6.0)	4 / 6	7/12/2012@10:44	Soil	mg/Kg	1
06968-019	T-22 (0-2.0)	0 / 2	7/12/2012@10:55	Soil	mg/Kg	1
06968-020	T-22 (2.0-4.0)	2 / 4	7/12/2012@10:56	Soil	mg/Kg	1
06968-021	T-22 (4.0-6.0)	4 / 6	7/12/2012@10:57	Soil	mg/Kg	1
06968-022	U-22 (0-2.0)	0 / 2	7/12/2012@11:11	Soil	mg/Kg	1
06968-023	U-22 (2.0-4.0)	2 / 4	7/12/2012@11:12	Soil	mg/Kg	1
06968-024	U-22 (4.0-6.0)	4 / 6	7/12/2012@11:13	Soil	mg/Kg	1
06968-025	V-22 (0-2.0)	0 / 2	7/12/2012@11:33	Soil	mg/Kg	1
06968-026	V-22 (2.0-4.0)	2 / 4	7/12/2012@11:34	Soil	mg/Kg	1
06968-027	V-22 (4.0-6.0)	4 / 6	7/12/2012@11:35	Soil	mg/Kg	1
06968-028	V-21 (0-2.0)	0 / 2	7/12/2012@11:57	Soil	mg/Kg	1
06968-029	V-21 (2.0-4.0)	2 / 4	7/12/2012@11:58	Soil	mg/Kg	1

PROJECT INFORMATION

E12-06968

Case No. E12-06968 Project ARSYNCO

Lab ID	Client Sample ID	Depth Top / Bottom	Sampling Time	Matrix	Unit	# of Containers
06968-030	V-21 (4.0-6.0)	4 / 6	7/12/2012@11:59	Soil	mg/Kg	1
06968-031	U-21 (0-2.0)	0 / 2	7/12/2012@12:15	Soil	mg/Kg	1
06968-032	U-21 (2.0-4.0)	2 / 4	7/12/2012@12:16	Soil	mg/Kg	1
06968-033	U-21 (4.0-6.0)	4 / 6	7/12/2012@12:17	Soil	mg/Kg	1
06968-034	T-21 (0-2.0)	0 / 2	7/12/2012@13:25	Soil	mg/Kg	1
06968-035	T-21 (2.0-4.0)	2 / 4	7/12/2012@13:26	Soil	mg/Kg	1
06968-036	T-21 (4.0-6.0)	4 / 6	7/12/2012@13:28	Soil	mg/Kg	1
06968-037	S-21 (0-2.0)	0 / 2	7/12/2012@13:39	Soil	mg/Kg	1
06968-038	S-21 (2.0-4.0)	2 / 4	7/12/2012@13:42	Soil	mg/Kg	1
06968-039	S-21 (4.0-6.0)	4 / 6	7/12/2012@13:43	Soil	mg/Kg	1
06968-040	R-21 (0-2.0)	0 / 2	7/12/2012@14:08	Soil	mg/Kg	1
06968-041	R-21 (2.0-4.0)	2 / 4	7/12/2012@14:10	Soil	mg/Kg	1
06968-042	R-21 (4.0-6.0)	4 / 6	7/12/2012@14:11	Soil	mg/Kg	1
06968-043	Q-21 (0-2.0)	0 / 2	7/12/2012@14:32	Soil	mg/Kg	1
06968-044	Q-21 (2.0-4.0)	2 / 4	7/12/2012@14:33	Soil	mg/Kg	1
06968-045	Q-21 (4.0-6.0)	4 / 6	7/12/2012@14:35	Soil	mg/Kg	1
06968-046	P-20 (0-2.0)	0 / 2	7/12/2012@14:45	Soil	mg/Kg	1
06968-047	P-20 (2.0-4.0)	2 / 4	7/12/2012@14:46	Soil	mg/Kg	1
06968-048	P-20 (4.0-6.0)	4 / 6	7/12/2012@14:48	Soil	mg/Kg	1
06968-049	Q-20 (0-2.0)	0 / 2	7/12/2012	Soil	mg/Kg	1
06968-050	Q-20 (2.0-4.0)	2 / 4	7/12/2012	Soil	mg/Kg	1
06968-051	Q-20 (4.0-6.0)	4 / 6	7/12/2012	Soil	mg/Kg	1
06968-052	FB-11	n/a	7/12/2012	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
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

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

PROJECT INFORMATION

E12-06968

Case No. E12-06968 **Project** ARSYNCO

Sample #	Tests	Status	QA Method
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

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INTEGRATED ANALYTICAL LABORATORIES, LLC

SAMPLE RECEIPT VERIFICATION

CASE NO: **E 12** **06968** CLIENT: JMC

COOLER TEMPERATURE: 2° - 6°C: ✓ (See Chain of Custody)

Comments

COC: (COMPLETE) / INCOMPLETE

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 [signature] DATE 7/12/12

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 [signature] DATE 7/12/12

REV 03/2009

Laboratory Custody Chronicle

IAL Case No.
E12-06968

Client JMC Environmental Consultants

Project ARSYNCO

Received On 7/12/2012@17:00

Department: GC

			Prep. Date	Analyst	Analysis Date	Analyst
TCL PCB	06968-001	Soil	7/23/12	Archimede	7/28/12	Julia
"	-002	"	7/23/12	Archimede	7/24/12	Julia
"	-003	"	7/23/12	Archimede	7/24/12	Julia
"	-004	"	7/23/12	Archimede	7/25/12	Julia
"	-005	"	7/23/12	Archimede	7/24/12	Julia
"	-006	"	7/23/12	Archimede	7/24/12	Julia
"	-007	"	7/23/12	Archimede	7/24/12	Julia
"	-008	"	7/23/12	Archimede	7/25/12	Julia
"	-009	"	7/23/12	Archimede	7/24/12	Julia
"	-010	"	7/23/12	Archimede	7/24/12	Julia
"	-011	"	7/23/12	Archimede	7/24/12	Julia
"	-012	"	7/23/12	Archimede	7/24/12	Julia
"	-013	"	7/23/12	Archimede	7/24/12	Julia
"	-014	"	7/23/12	Archimede	7/25/12	Julia
"	-015	"	7/23/12	Archimede	7/24/12	Julia
"	-016	"	7/23/12	Archimede	7/24/12	Julia
"	-017	"	7/23/12	Archimede	7/26/12	Julia
"	-018	"	7/23/12	Archimede	7/24/12	Julia
"	-019	"	7/23/12	Archimede	7/27/12	Julia
"	-020	"	7/23/12	Archimede	7/27/12	Julia
"	-021	"	7/23/12	Archimede	7/27/12	Julia
"	-022	"	7/23/12	Archimede	7/27/12	Julia
"	-023	"	7/23/12	Archimede	7/27/12	Julia
"	-024	"	7/23/12	Archimede	7/27/12	Julia
"	-025	"	7/23/12	Archimede	7/27/12	Julia
"	-026	"	7/23/12	Archimede	7/27/12	Julia
"	-027	"	7/23/12	Archimede	7/27/12	Julia
"	-028	"	7/23/12	Archimede	7/27/12	Julia
"	-029	"	7/23/12	Archimede	7/27/12	Julia
"	-030	"	7/23/12	Archimede	7/27/12	Julia
"	-031	"	7/23/12	Archimede	7/27/12	Julia
"	-032	"	7/23/12	Archimede	7/27/12	Julia
"	-033	"	7/23/12	Archimede	7/27/12	Julia
"	-034	"	7/23/12	Archimede	7/27/12	Julia
"	-035	"	7/23/12	Archimede	7/27/12	Julia
"	-036	"	7/23/12	Archimede	7/27/12	Julia
"	-037	"	7/23/12	Archimede	7/27/12	Julia
"	-038	"	7/23/12	Archimede	7/27/12	Julia
"	-039	"	7/23/12	Archimede	7/28/12	Julia
"	-040	"	7/23/12	Archimede	7/28/12	Julia
"	-041	"	7/23/12	Archimede	7/28/12	Julia
"	-042	"	7/23/12	Archimede	7/28/12	Julia
"	-043	"	7/23/12	Archimede	7/29/12	Julia
"	-044	"	7/23/12	Archimede	7/29/12	Julia
"	-045	"	7/23/12	Archimede	7/28/12	Julia
"	-046	"	7/23/12	Archimede	7/28/12	Julia

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Laboratory Custody Chronicle

IAL Case No.

E12-06968

Client JMC Environmental Consultants

Project ARSYNCO

Received On 7/12/2012@17:00

"	-047	"	7/23/12	Archimede	7/28/12	Julia
"	-048	"	7/23/12	Archimede	7/28/12	Julia
"	-049	"	7/23/12	Archimede	7/29/12	Julia
"	-050	"	7/23/12	Archimede	7/29/12	Julia
"	-051	"	7/23/12	Archimede	7/28/12	Julia
"	-052	Aqueous	7/19/12	Archimede	7/24/12	Julia

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