

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

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

LAB CHRONICLE

OrderID:	Q2413	OrderDate:	6/24/2025 3:05:00 PM
Client:	CDM Smith	Project:	South River WM Replacement
Contact:	Marcie Ann Encinas	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2413-01	TP-35	SOIL			06/23/25			06/24/25
			PCB	8082A		06/26/25	06/26/25	
			Gasoline Range Organics	8015D			06/26/25	
Q2413-02	TP-34	SOIL			06/23/25			06/24/25
			PCB	8082A		06/26/25	06/26/25	
			Gasoline Range Organics	8015D			06/26/25	
Q2413-03	TP-77	SOIL			06/23/25			06/24/25
			PCB	8082A		06/26/25	06/26/25	
			Gasoline Range Organics	8015D			06/26/25	
Q2413-04	TP-74	SOIL			06/23/25			06/24/25
			PCB	8082A		06/26/25	06/26/25	
			Gasoline Range Organics	8015D			06/26/25	
Q2413-05	TP-73	SOIL			06/23/25			06/24/25
			PCB	8082A		06/26/25	06/26/25	
			Gasoline Range Organics	8015D			06/26/25	
Q2413-06	TP-72	SOIL			06/24/25			06/24/25
			Gasoline Range Organics	8015D			06/26/25	
			PCB	8082A		06/26/25	06/26/25	



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

Hit Summary Sheet
SW-846

SDG No.: Q2413

Order ID: Q2413

Client: CDM Smith

Project ID: South River WM Replacement

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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Client ID :

Total Concentration: 0.000



QC SUMMARY

Surrogate Summary

SDG No.: **Q2413**

Client: **CDM Smith**

Analytical Method: **8082A**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PP072990.D	PIBLK-PP072990.D	Tetrachloro-m-xylene	1	20	17.3	86		60	140
		Decachlorobiphenyl	1	20	18.3	91		60	140
		Tetrachloro-m-xylene	2	20	18.0	90		60	140
		Decachlorobiphenyl	2	20	17.2	86		60	140
I.BLK-PP073283.D	PIBLK-PP073283.D	Tetrachloro-m-xylene	1	20	18.9	94		60	140
		Decachlorobiphenyl	1	20	18.6	93		60	140
		Tetrachloro-m-xylene	2	20	18.8	94		60	140
		Decachlorobiphenyl	2	20	20.9	105		60	140
PB168622BL	PB168622BL	Tetrachloro-m-xylene	1	20	19.3	96		32	144
		Decachlorobiphenyl	1	20	20.0	100		32	175
		Tetrachloro-m-xylene	2	20	18.8	94		32	144
		Decachlorobiphenyl	2	20	21.1	106		32	175
PB168622BS	PB168622BS	Tetrachloro-m-xylene	1	20	20.2	101		32	144
		Decachlorobiphenyl	1	20	20.0	100		32	175
		Tetrachloro-m-xylene	2	20	18.6	93		32	144
		Decachlorobiphenyl	2	20	23.0	115		32	175
Q2409-02MS	COP-SOIL-PILEMS	Tetrachloro-m-xylene	1	20	20.0	100		32	144
		Decachlorobiphenyl	1	20	22.5	112		32	175
		Tetrachloro-m-xylene	2	20	18.9	94		32	144
		Decachlorobiphenyl	2	20	22.7	113		32	175
Q2409-02MSD	COP-SOIL-PILEMSD	Tetrachloro-m-xylene	1	20	19.3	97		32	144
		Decachlorobiphenyl	1	20	23.0	115		32	175
		Tetrachloro-m-xylene	2	20	19.2	96		32	144
		Decachlorobiphenyl	2	20	22.7	114		32	175
I.BLK-PP073298.D	PIBLK-PP073298.D	Tetrachloro-m-xylene	1	20	18.3	91		60	140
		Decachlorobiphenyl	1	20	18.9	95		60	140
		Tetrachloro-m-xylene	2	20	18.7	93		60	140
		Decachlorobiphenyl	2	20	20.5	103		60	140
Q2413-01	TP-35	Tetrachloro-m-xylene	1	20	21.8	109		32	144
		Decachlorobiphenyl	1	20	19.4	97		32	175
		Tetrachloro-m-xylene	2	20	21.9	110		32	144
		Decachlorobiphenyl	2	20	21.7	109		32	175
Q2413-02	TP-34	Tetrachloro-m-xylene	1	20	20.7	104		32	144
		Decachlorobiphenyl	1	20	19.9	100		32	175
		Tetrachloro-m-xylene	2	20	21.7	108		32	144
		Decachlorobiphenyl	2	20	20.8	104		32	175
Q2413-03	TP-77	Tetrachloro-m-xylene	1	20	20.7	103		32	144
		Decachlorobiphenyl	1	20	18.3	92		32	175
		Tetrachloro-m-xylene	2	20	20.3	101		32	144
		Decachlorobiphenyl	2	20	19.5	98		32	175
Q2413-04	TP-74	Tetrachloro-m-xylene	1	20	20.0	100		32	144

Surrogate Summary

SDG No.: Q2413

Client: CDM Smith

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
Q2413-04	TP-74	Decachlorobiphenyl	1	20	16.0	80		32	175
		Tetrachloro-m-xylene	2	20	20.5	102		32	144
Q2413-05	TP-73	Decachlorobiphenyl	2	20	17.1	85		32	175
		Tetrachloro-m-xylene	1	20	22.1	110		32	144
		Decachlorobiphenyl	1	20	18.7	94		32	175
		Tetrachloro-m-xylene	2	20	22.7	114		32	144
		Decachlorobiphenyl	2	20	20.2	101		32	175
		Tetrachloro-m-xylene	1	20	21.0	105		32	144
Q2413-06	TP-72	Decachlorobiphenyl	1	20	16.6	83		32	175
		Tetrachloro-m-xylene	2	20	21.7	109		32	144
		Decachlorobiphenyl	2	20	18.8	94		32	175
		Tetrachloro-m-xylene	1	20	17.4	87		60	140
I.BLK-PP073313.D	PIBLK-PP073313.D	Decachlorobiphenyl	1	20	16.9	85		60	140
		Tetrachloro-m-xylene	2	20	18.9	95		60	140
		Decachlorobiphenyl	2	20	20.5	102		60	140
		Tetrachloro-m-xylene	1	20	17.4	87		60	140

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2413</u>	Analytical Method:	<u>8082A</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PP073292.D</u>

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: Q2409-02MS (Column 1)	COP-SOIL-PILEMS AR1016	172.7	0	163	ug/kg	94				55	146	
	AR1260	172.7	31	195	ug/kg	95				54	119	
Client Sample ID: Q2409-02MS (Column 2)	COP-SOIL-PILEMS AR1016	172.7	0	154	ug/kg	89				55	146	
	AR1260	172.7	28	169	ug/kg	98				54	119	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2413</u>	Analytical Method:	<u>8082A</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PP073293.D</u>

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: Q2409-02MSD (Column 1)	COP-SOIL-PILEMSD AR1016	172.5	0	163	ug/kg	94		0		55	146	15
	AR1260	172.5	31	202	ug/kg	99		4		54	119	15
Client Sample ID: Q2409-02MSD (Column 2)	COP-SOIL-PILEMSD AR1016	172.5	0	158	ug/kg	92		3		55	146	15
	AR1260	172.5	28	174	ug/kg	101		3		54	119	15

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2413</u>	Analytical Method:	<u>8082A</u>
Client:	<u>CDM Smith</u>	Datafile :	<u>PP073290.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Low	Limits	RPD
								Qual		High	
PB168622BS (Column 1)	AR1016	166.6	160	ug/kg	96				71	120	
	AR1260	166.6	159	ug/kg	95				65	130	
PB168622BS (Column 2)	AR1016	166.6	149	ug/kg	89				71	120	
	AR1260	166.6	157	ug/kg	94				65	130	

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168622BL

Lab Name: CHEMTECH

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413

SAS No.: Q2413 SDG NO.: Q2413

Lab Sample ID: PB168622BL

Lab File ID: PP073289.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 06/26/2025

Date Analyzed (1): 06/26/2025

Date Analyzed (2): 06/26/2025

Time Analyzed (1): 12:25

Time Analyzed (2): 12:25

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

GC Column (1): ZB-MR1 ID: 0.32 (mm)

GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB168622BS	PB168622BS	PP073290.D	06/26/2025	06/26/2025
COP-SOIL-PILEMS	Q2409-02MS	PP073292.D	06/26/2025	06/26/2025
COP-SOIL-PILEMSD	Q2409-02MSD	PP073293.D	06/26/2025	06/26/2025
TP-35	Q2413-01	PP073299.D	06/26/2025	06/26/2025
TP-34	Q2413-02	PP073300.D	06/26/2025	06/26/2025
TP-77	Q2413-03	PP073301.D	06/26/2025	06/26/2025
TP-74	Q2413-04	PP073302.D	06/26/2025	06/26/2025
TP-73	Q2413-05	PP073303.D	06/26/2025	06/26/2025
TP-72	Q2413-06	PP073304.D	06/26/2025	06/26/2025

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	06/23/25
Project:	South River WM Replacement	Date Received:	06/24/25
Client Sample ID:	TP-35	SDG No.:	Q2413
Lab Sample ID:	Q2413-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	88.8
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073299.D	1	06/26/25 08:20	06/26/25 15:58	PB168622

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.40	U	4.40	19.1	ug/kg
11104-28-2	Aroclor-1221	4.50	U	4.50	19.1	ug/kg
11141-16-5	Aroclor-1232	4.20	U	4.20	19.1	ug/kg
53469-21-9	Aroclor-1242	4.50	U	4.50	19.1	ug/kg
12672-29-6	Aroclor-1248	6.70	U	6.70	19.1	ug/kg
11097-69-1	Aroclor-1254	3.60	U	3.60	19.1	ug/kg
37324-23-5	Aroclor-1262	5.70	U	5.70	19.1	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	19.1	ug/kg
11096-82-5	Aroclor-1260	3.60	U	3.60	19.1	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.9		32 - 144	110%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.7		32 - 175	109%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
 Data File : PP073299.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jun 2025 15:58
 Operator : YP\AJ
 Sample : Q2413-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 TP-35

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 23:29:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 08:17:15 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.491	3.786	46022697	39517200	21.803	21.932
2) SA Decachlor...	10.182	8.790	33233526	28968247	19.447	21.704m

Target Compounds

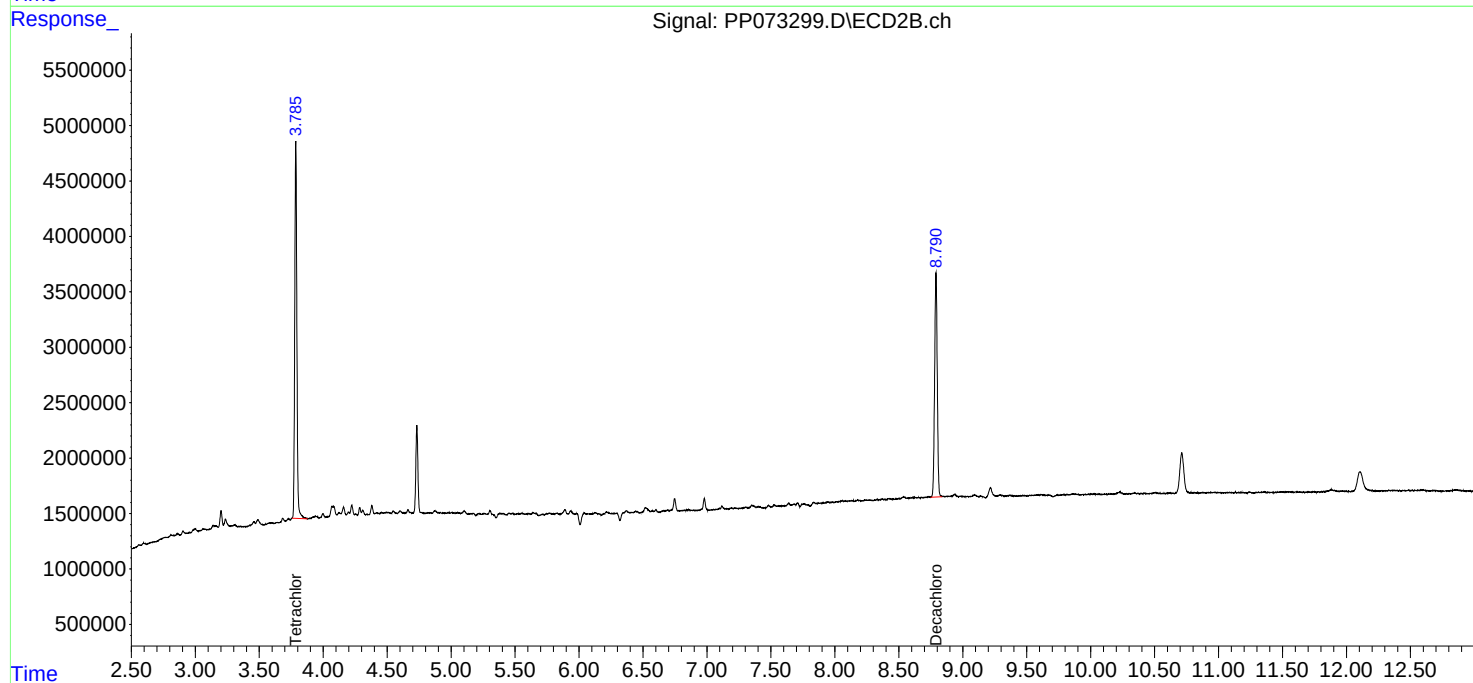
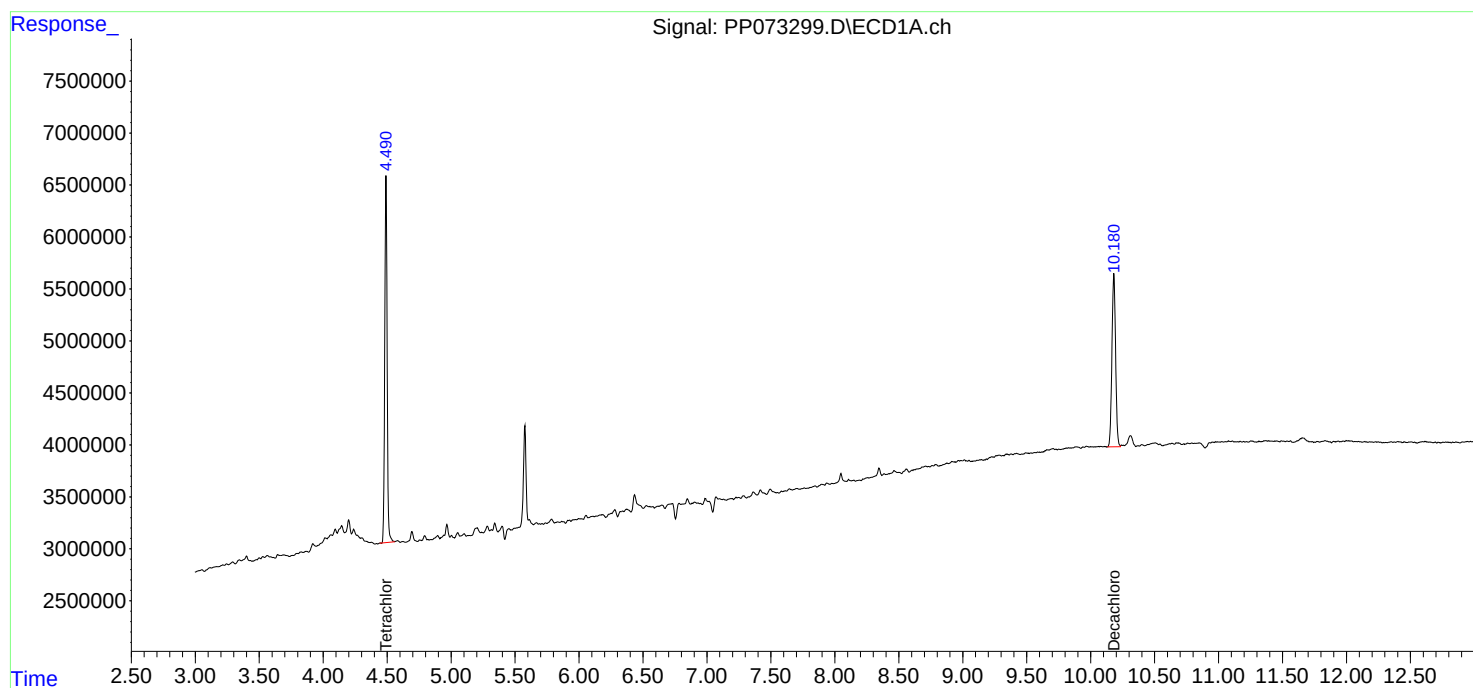
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

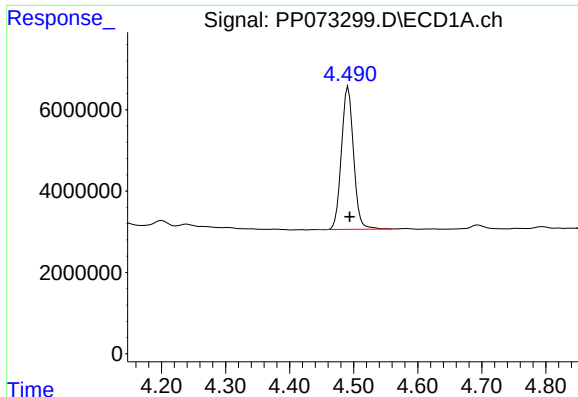
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
Data File : PP073299.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 15:58
Operator : YP\AJ
Sample : Q2413-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TP-35

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:29:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

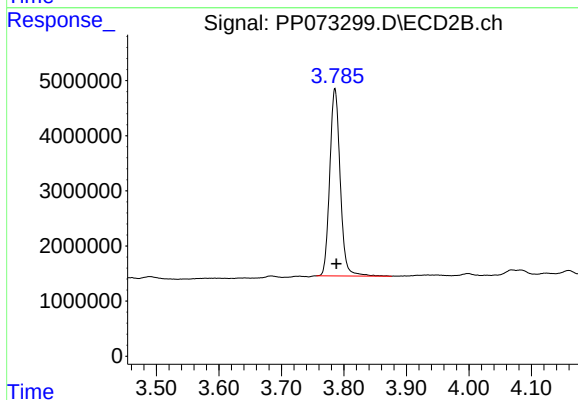




#1 Tetrachloro-m-xylene

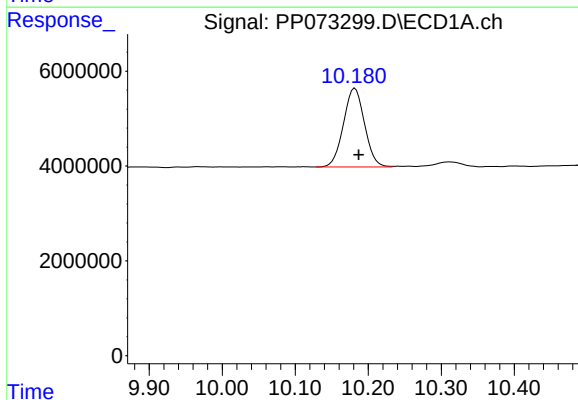
R.T.: 4.491 min
Delta R.T.: -0.003 min
Response: 46022697
Conc: 21.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
TP-35



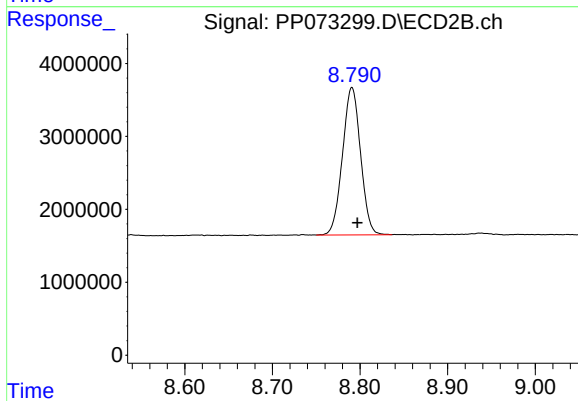
#1 Tetrachloro-m-xylene

R.T.: 3.786 min
Delta R.T.: -0.002 min
Response: 39517200
Conc: 21.93 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.182 min
Delta R.T.: -0.005 min
Response: 33233526
Conc: 19.45 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.790 min
Delta R.T.: -0.007 min
Response: 28968247
Conc: 21.70 ng/ml m

Report of Analysis

Client:	CDM Smith	Date Collected:	06/23/25
Project:	South River WM Replacement	Date Received:	06/24/25
Client Sample ID:	TP-34	SDG No.:	Q2413
Lab Sample ID:	Q2413-02	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	92
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073300.D	1	06/26/25 08:20	06/26/25 16:15	PB168622

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.30	U	4.30	18.4	ug/kg
11104-28-2	Aroclor-1221	4.40	U	4.40	18.4	ug/kg
11141-16-5	Aroclor-1232	4.00	U	4.00	18.4	ug/kg
53469-21-9	Aroclor-1242	4.40	U	4.40	18.4	ug/kg
12672-29-6	Aroclor-1248	6.40	U	6.40	18.4	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	18.4	ug/kg
37324-23-5	Aroclor-1262	5.40	U	5.40	18.4	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	18.4	ug/kg
11096-82-5	Aroclor-1260	3.50	U	3.50	18.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.7		32 - 144	108%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.8		32 - 175	104%	SPK: 20

Comments:

U = Not Detected

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MDL = Method Detection Limit

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
Data File : PP073300.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 16:15
Operator : YP\AJ
Sample : Q2413-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TP-34

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:29:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.491	3.785	43756703	39034571	20.730	21.664
2) SA Decachlor...	10.181	8.790	34033203	27787298	19.915	20.819

Target Compounds

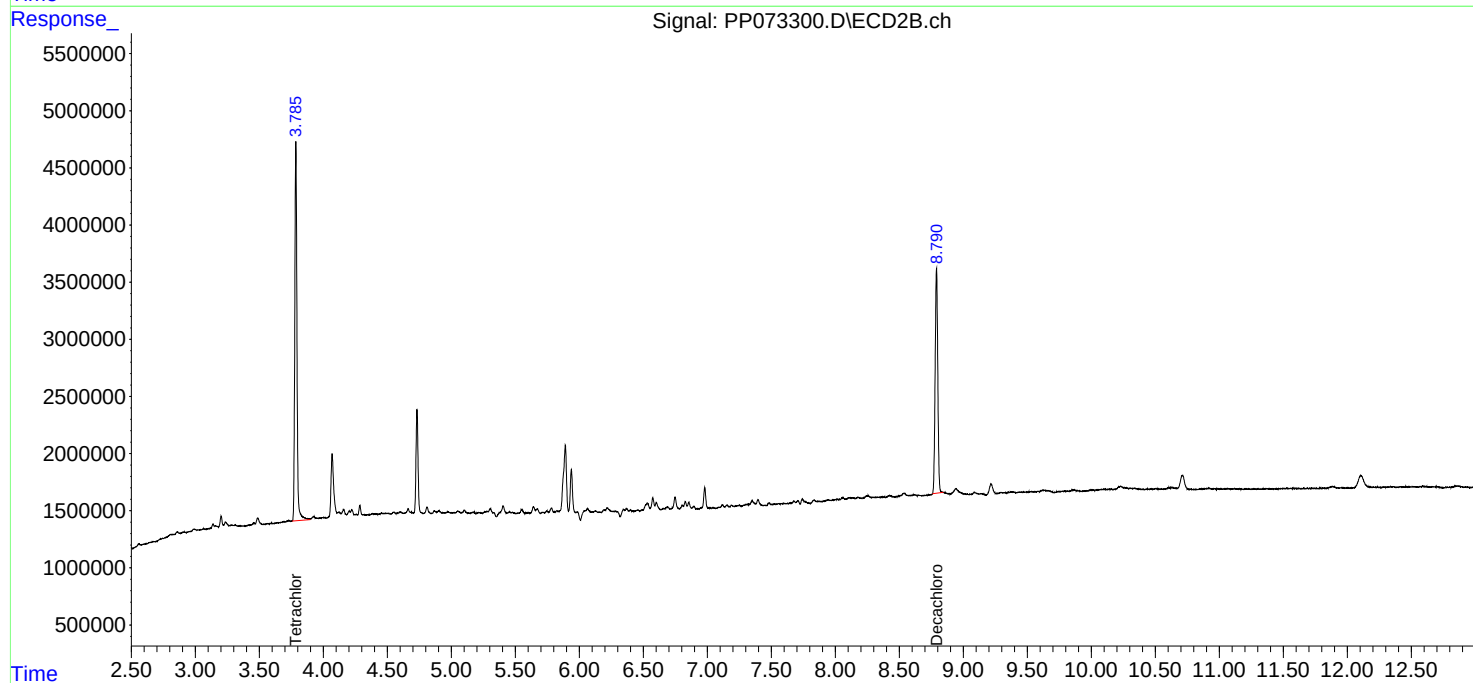
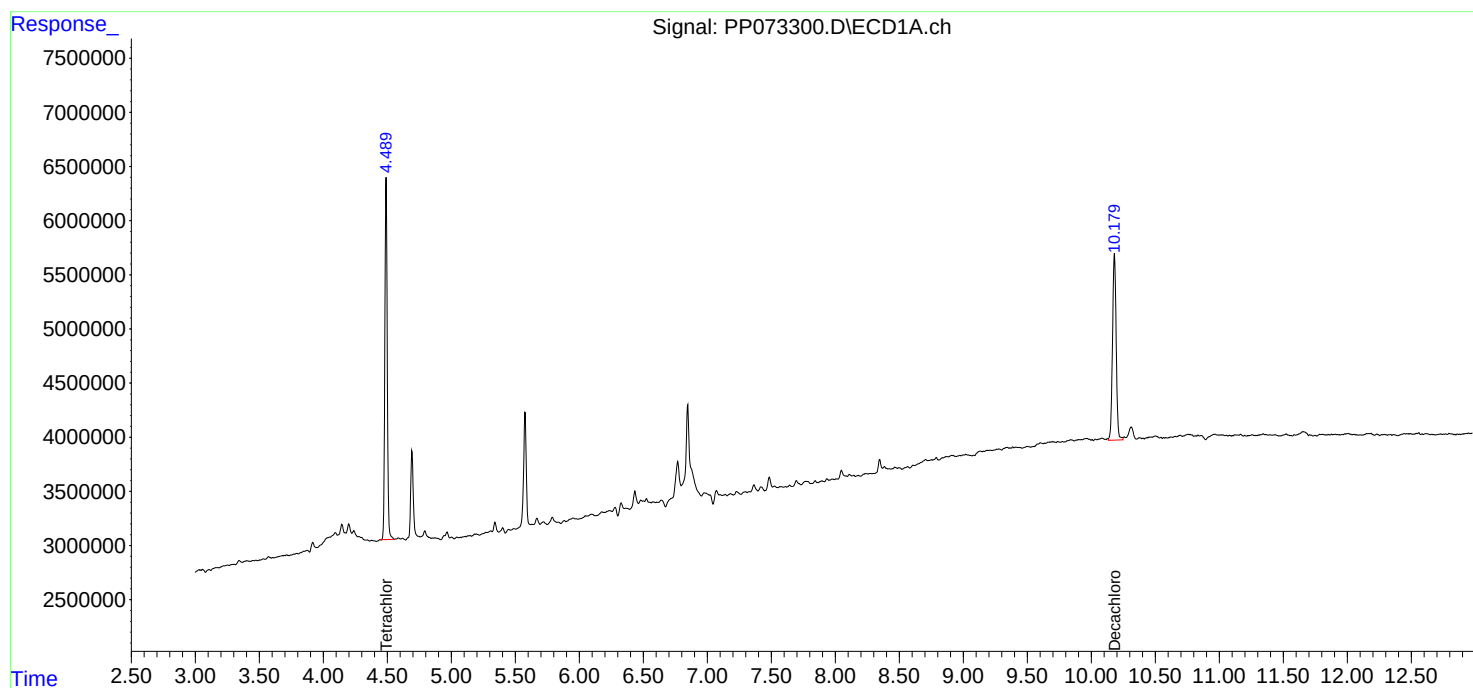
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

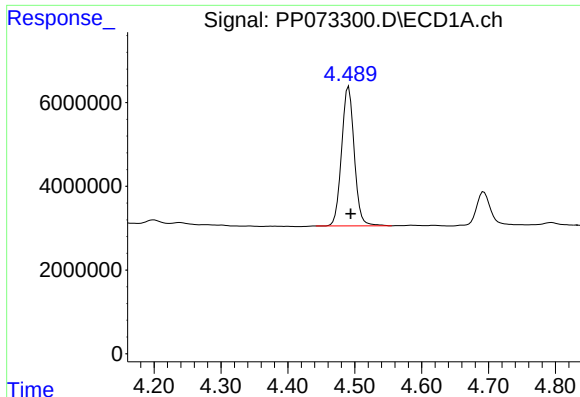
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
Data File : PP073300.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 16:15
Operator : YP\AJ
Sample : Q2413-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TP-34

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:29:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

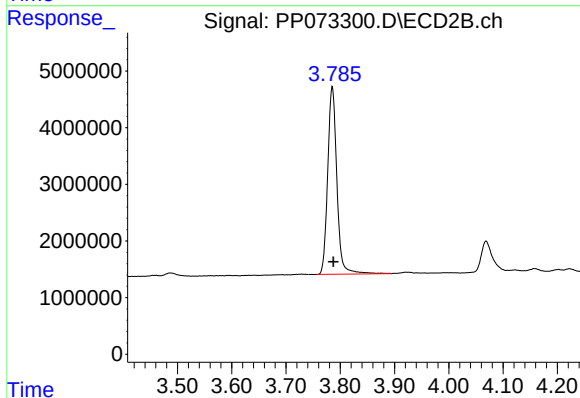




#1 Tetrachloro-m-xylene

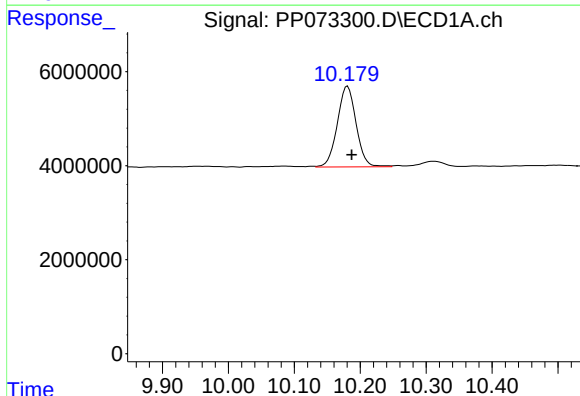
R.T.: 4.491 min
Delta R.T.: -0.003 min
Response: 43756703
Conc: 20.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
TP-34



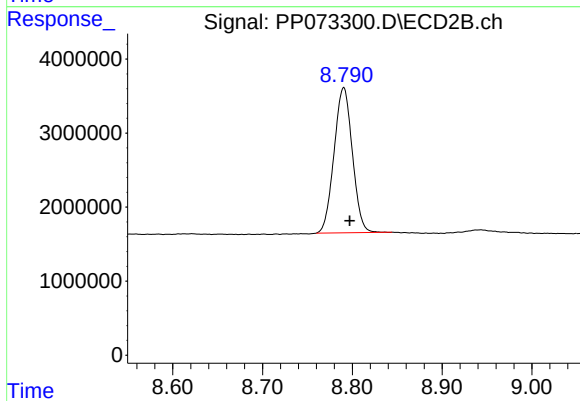
#1 Tetrachloro-m-xylene

R.T.: 3.785 min
Delta R.T.: -0.002 min
Response: 39034571
Conc: 21.66 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.181 min
Delta R.T.: -0.006 min
Response: 34033203
Conc: 19.92 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.790 min
Delta R.T.: -0.007 min
Response: 27787298
Conc: 20.82 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	06/23/25
Project:	South River WM Replacement	Date Received:	06/24/25
Client Sample ID:	TP-77	SDG No.:	Q2413
Lab Sample ID:	Q2413-03	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	91.4
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073301.D	1	06/26/25 08:20	06/26/25 16:31	PB168622

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.30	U	4.30	18.6	ug/kg
11104-28-2	Aroclor-1221	4.40	U	4.40	18.6	ug/kg
11141-16-5	Aroclor-1232	4.10	U	4.10	18.6	ug/kg
53469-21-9	Aroclor-1242	4.40	U	4.40	18.6	ug/kg
12672-29-6	Aroclor-1248	6.50	U	6.50	18.6	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	18.6	ug/kg
37324-23-5	Aroclor-1262	5.50	U	5.50	18.6	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	18.6	ug/kg
11096-82-5	Aroclor-1260	3.50	U	3.50	18.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.7		32 - 144	103%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.5		32 - 175	98%	SPK: 20

Comments:

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 P = Indicates >25% difference for detected concentrations between the two GC columns
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
 () = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
Data File : PP073301.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 16:31
Operator : YP\AJ
Sample : Q2413-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TP-77

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:29:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.490	3.785	43660228	36566888	20.684	20.295
2) SA Decachlor...	10.178	8.790	31299035	26083639	18.315m	19.542m

Target Compounds

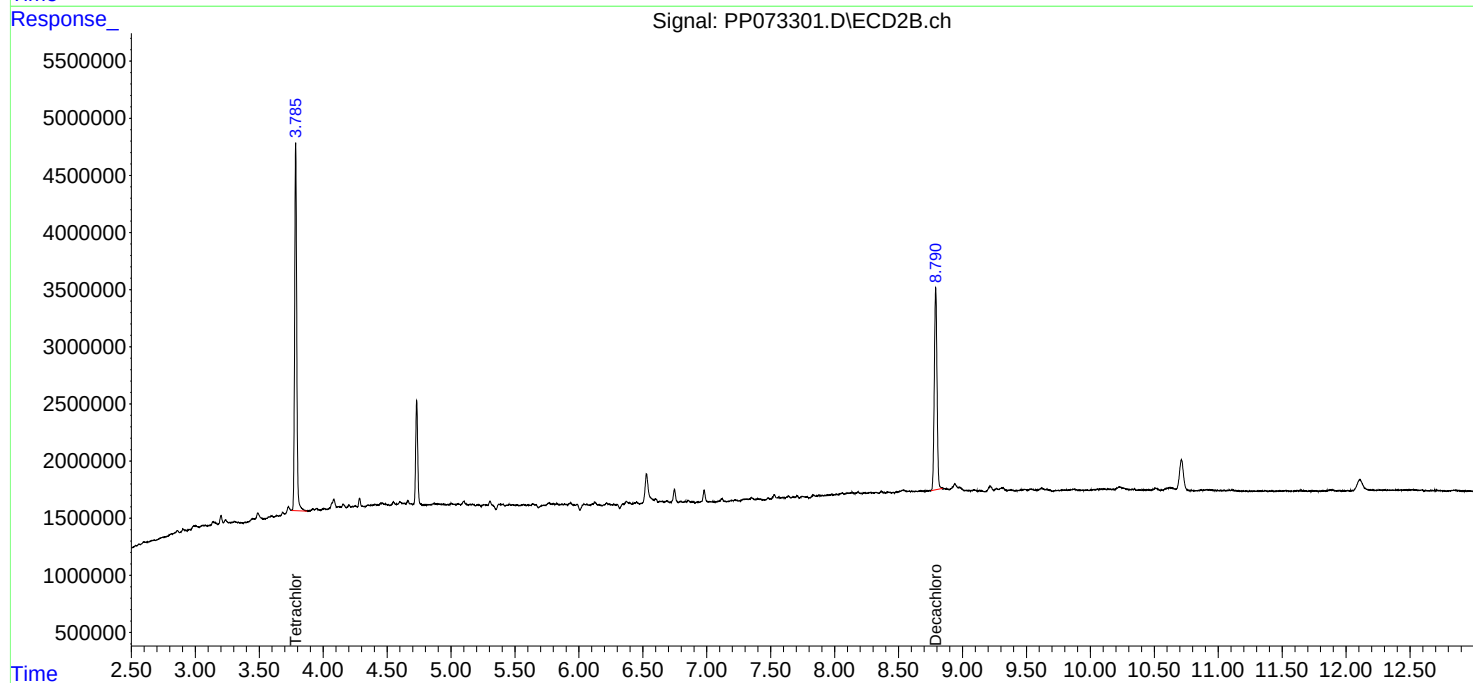
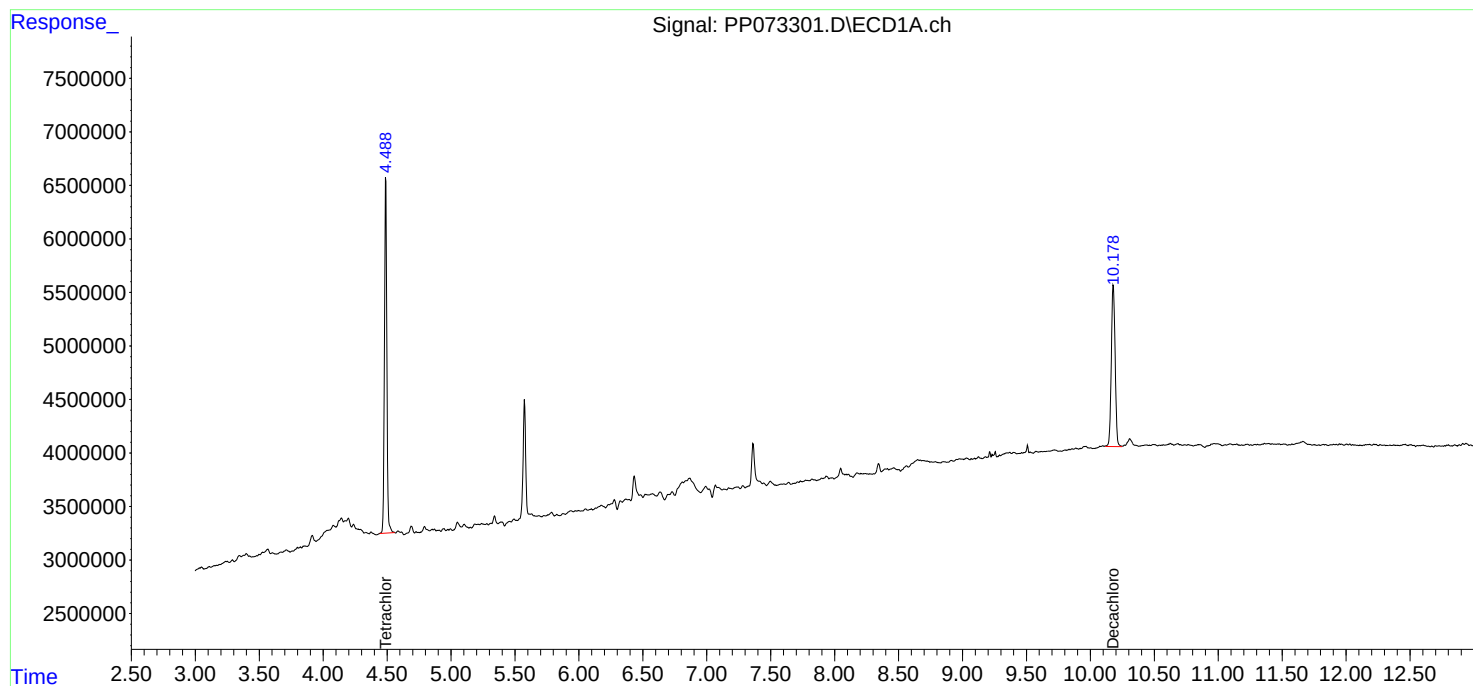
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

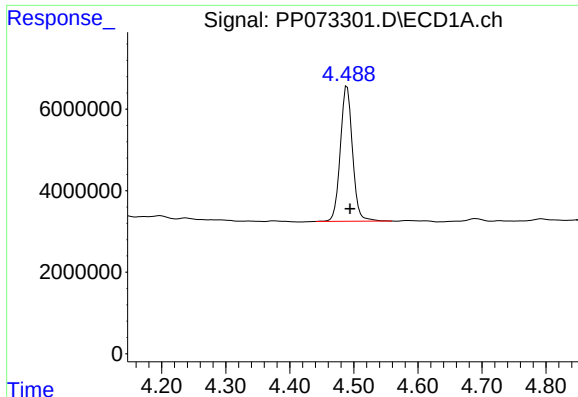
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
Data File : PP073301.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 16:31
Operator : YP\AJ
Sample : Q2413-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TP-77

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:29:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

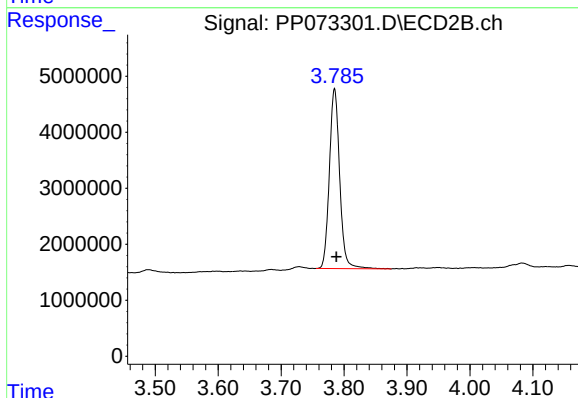




#1 Tetrachloro-m-xylene

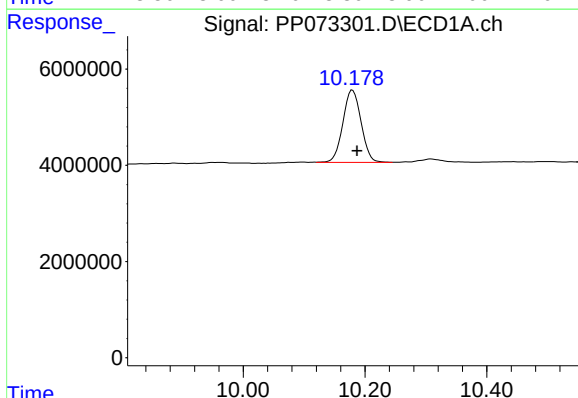
R.T.: 4.490 min
Delta R.T.: -0.004 min
Response: 43660228
Conc: 20.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
TP-77



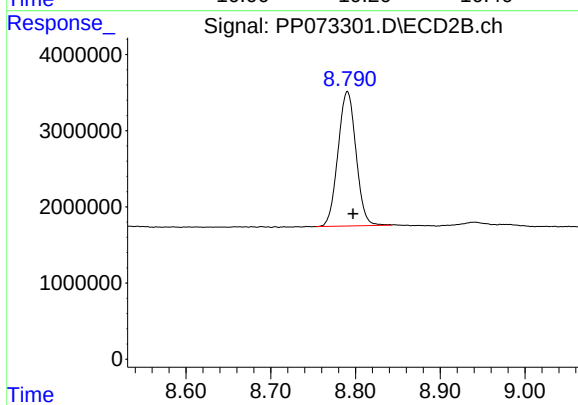
#1 Tetrachloro-m-xylene

R.T.: 3.785 min
Delta R.T.: -0.003 min
Response: 36566888
Conc: 20.29 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.178 min
Delta R.T.: -0.009 min
Response: 31299035
Conc: 18.32 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.790 min
Delta R.T.: -0.007 min
Response: 26083639
Conc: 19.54 ng/ml m

Report of Analysis

Client:	CDM Smith	Date Collected:	06/23/25
Project:	South River WM Replacement	Date Received:	06/24/25
Client Sample ID:	TP-74	SDG No.:	Q2413
Lab Sample ID:	Q2413-04	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	89.5
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073302.D	1	06/26/25 08:20	06/26/25 16:47	PB168622

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.40	U	4.40	19.0	ug/kg
11104-28-2	Aroclor-1221	4.50	U	4.50	19.0	ug/kg
11141-16-5	Aroclor-1232	4.10	U	4.10	19.0	ug/kg
53469-21-9	Aroclor-1242	4.50	U	4.50	19.0	ug/kg
12672-29-6	Aroclor-1248	6.60	U	6.60	19.0	ug/kg
11097-69-1	Aroclor-1254	3.60	U	3.60	19.0	ug/kg
37324-23-5	Aroclor-1262	5.60	U	5.60	19.0	ug/kg
11100-14-4	Aroclor-1268	4.00	U	4.00	19.0	ug/kg
11096-82-5	Aroclor-1260	3.60	U	3.60	19.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.5		32 - 144	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.1		32 - 175	85%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
Data File : PP073302.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 16:47
Operator : YP\AJ
Sample : Q2413-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TP-74

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:30:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.490	3.785	42189238	36862107	19.987	20.459
2) SA Decachlor...	10.181	8.790	27293325	22785011	15.971	17.071

Target Compounds

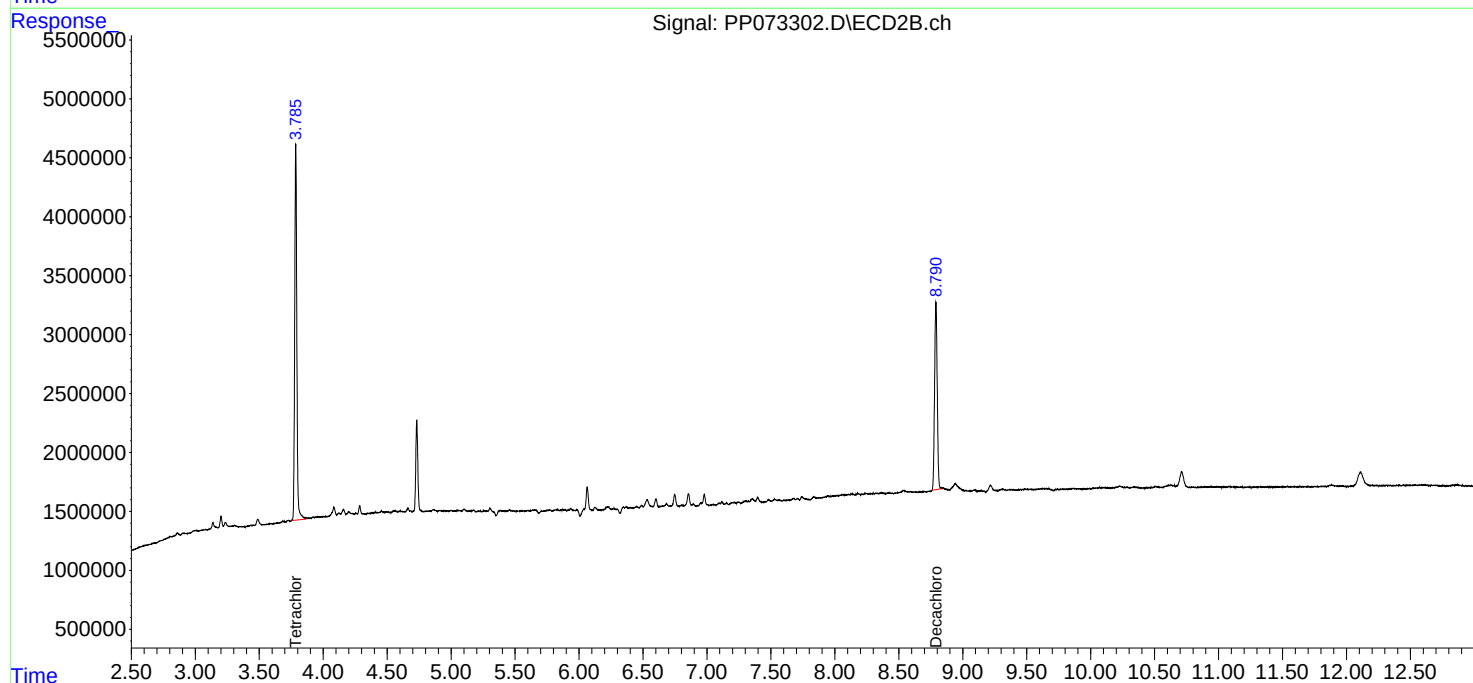
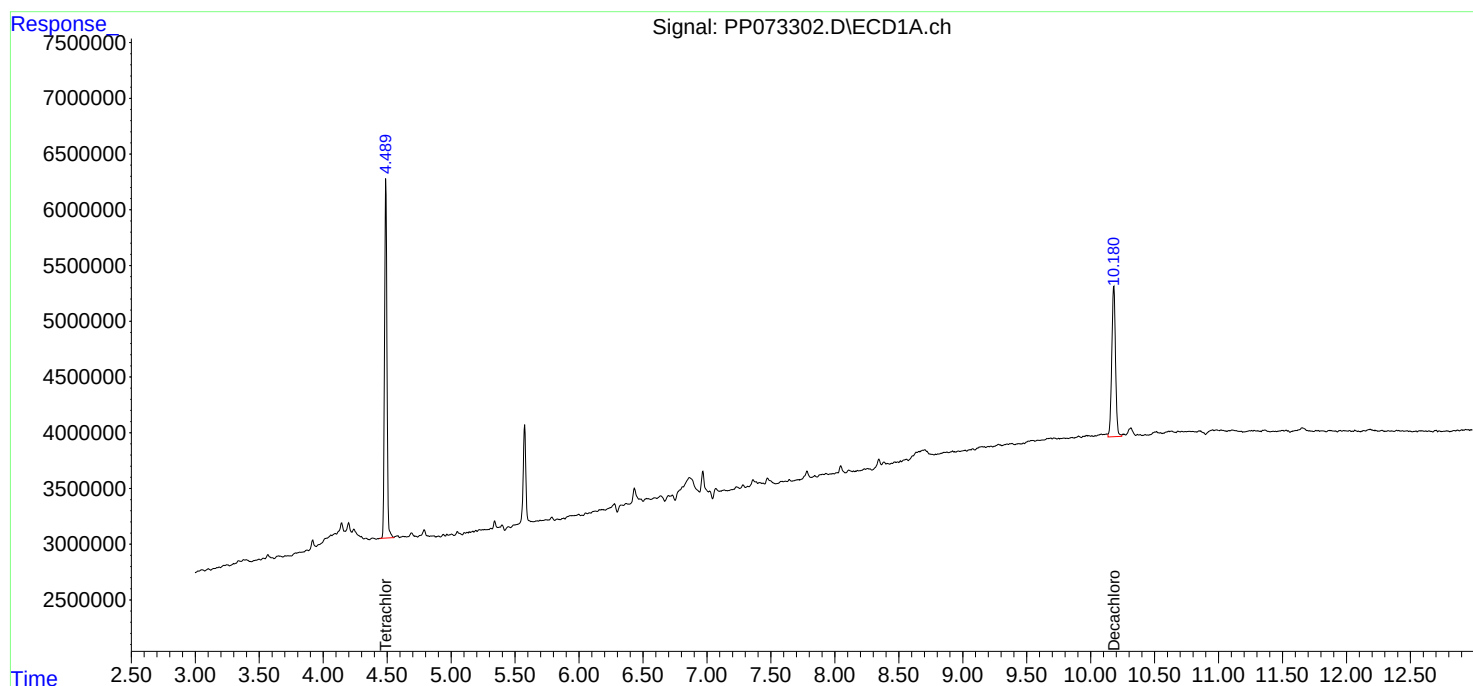
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

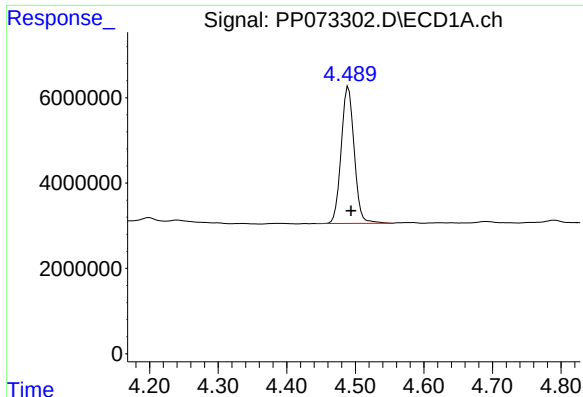
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
Data File : PP073302.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 16:47
Operator : YP\AJ
Sample : Q2413-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TP-74

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:30:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

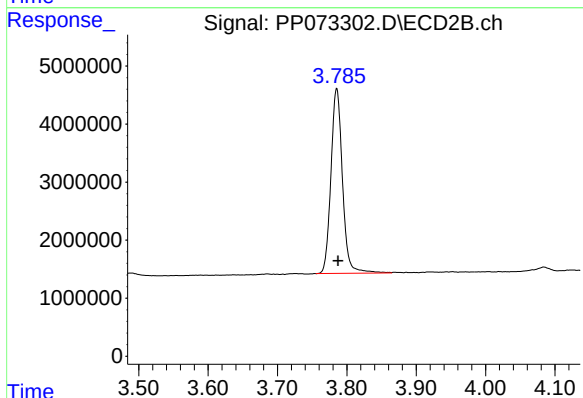




#1 Tetrachloro-m-xylene

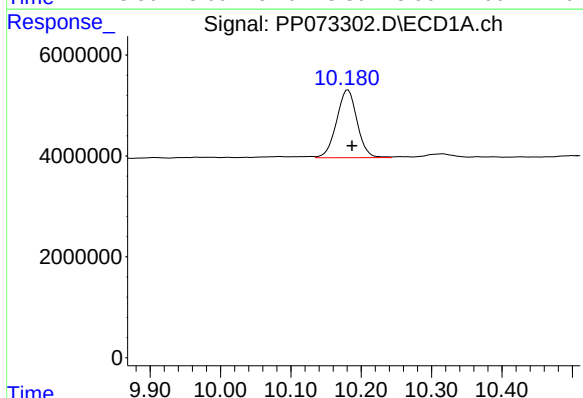
R.T.: 4.490 min
Delta R.T.: -0.004 min
Response: 42189238
Conc: 19.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
TP-74



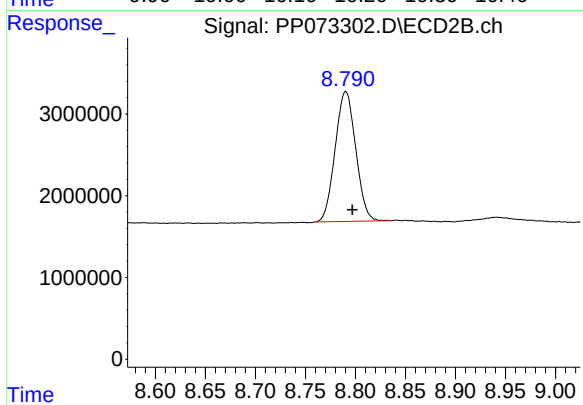
#1 Tetrachloro-m-xylene

R.T.: 3.785 min
Delta R.T.: -0.002 min
Response: 36862107
Conc: 20.46 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.181 min
Delta R.T.: -0.006 min
Response: 27293325
Conc: 15.97 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.790 min
Delta R.T.: -0.007 min
Response: 22785011
Conc: 17.07 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	06/23/25
Project:	South River WM Replacement	Date Received:	06/24/25
Client Sample ID:	TP-73	SDG No.:	Q2413
Lab Sample ID:	Q2413-05	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	77.1
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073303.D	1	06/26/25 08:20	06/26/25 17:04	PB168622

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	5.10	U	5.10	22.0	ug/kg
11104-28-2	Aroclor-1221	5.20	U	5.20	22.0	ug/kg
11141-16-5	Aroclor-1232	4.80	U	4.80	22.0	ug/kg
53469-21-9	Aroclor-1242	5.20	U	5.20	22.0	ug/kg
12672-29-6	Aroclor-1248	7.70	U	7.70	22.0	ug/kg
11097-69-1	Aroclor-1254	4.20	U	4.20	22.0	ug/kg
37324-23-5	Aroclor-1262	6.50	U	6.50	22.0	ug/kg
11100-14-4	Aroclor-1268	4.70	U	4.70	22.0	ug/kg
11096-82-5	Aroclor-1260	4.20	U	4.20	22.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.7		32 - 144	114%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.2		32 - 175	101%	SPK: 20

Comments:

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 P = Indicates >25% difference for detected concentrations between the two GC columns
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
 () = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
 Data File : PP073303.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jun 2025 17:04
 Operator : YP\AJ
 Sample : Q2413-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 TP-73

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 23:30:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 08:17:15 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.490	3.786	46542700	40948176	22.050	22.726
2) SA Decachlor...	10.180	8.791	32026704	27014144	18.741	20.240

Target Compounds

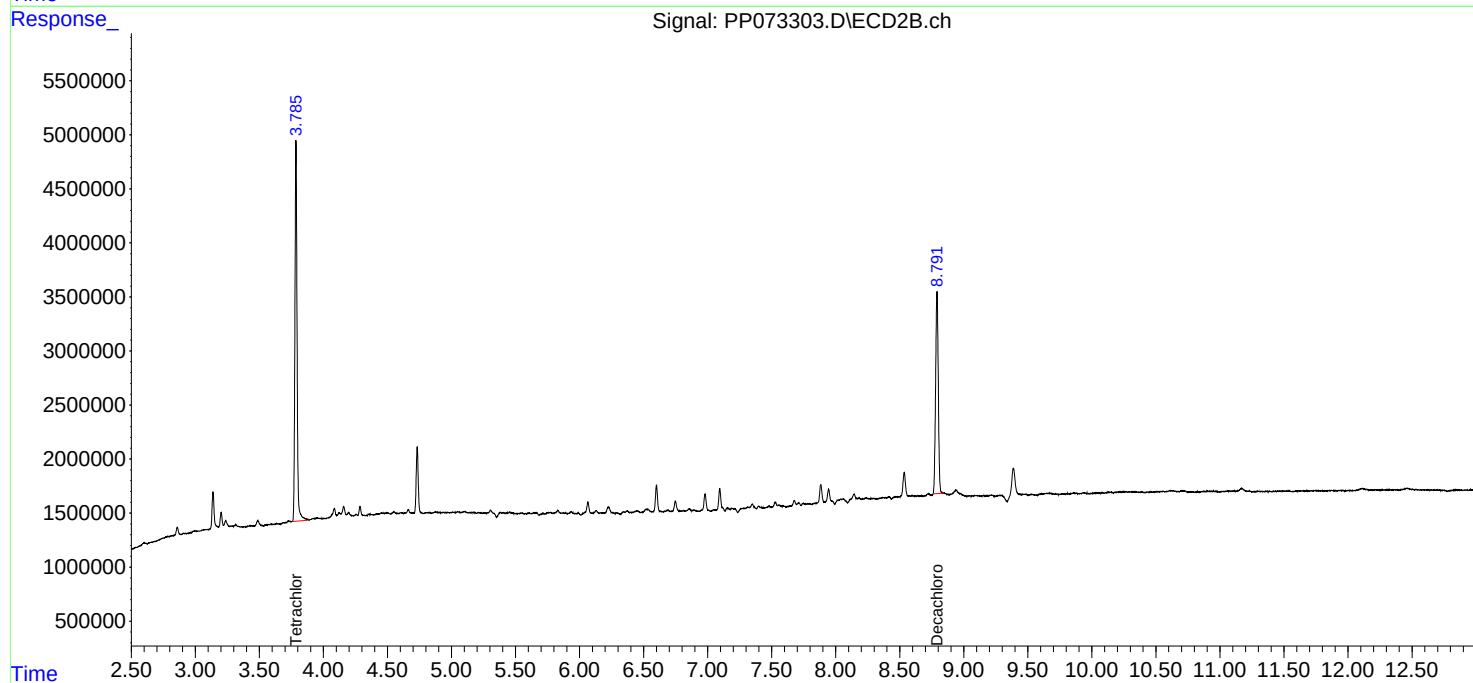
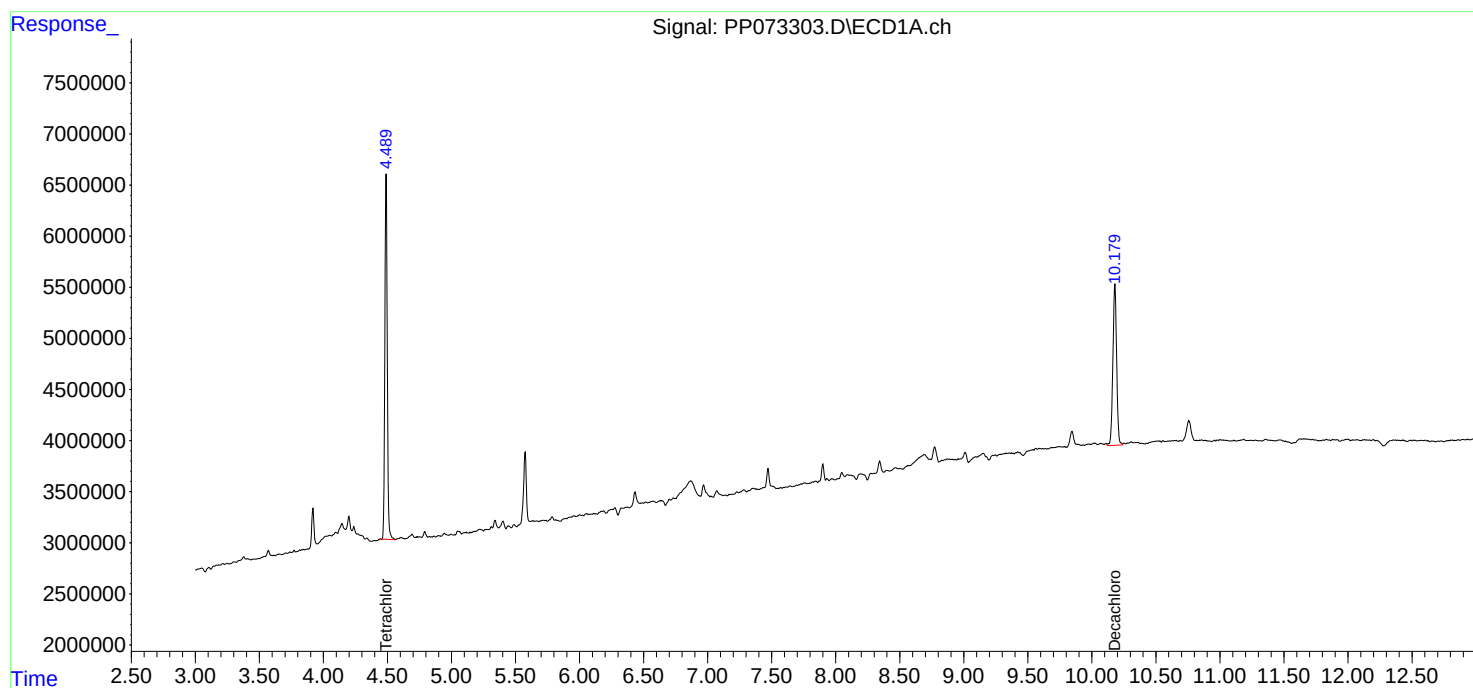
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

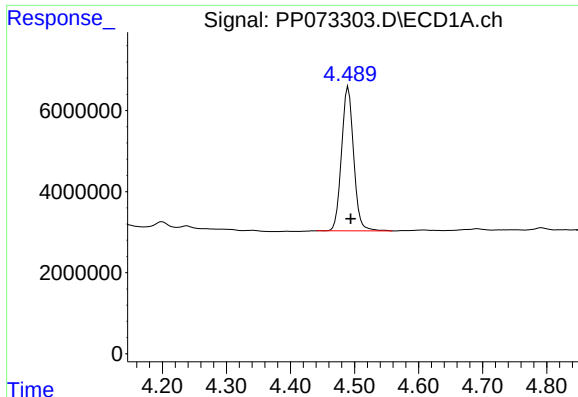
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
Data File : PP073303.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 17:04
Operator : YP\AJ
Sample : Q2413-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TP-73

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:30:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

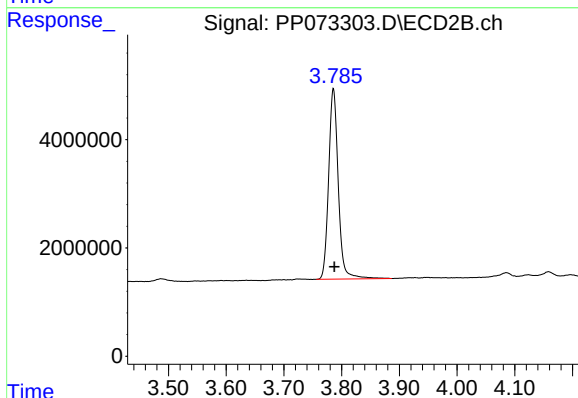




#1 Tetrachloro-m-xylene

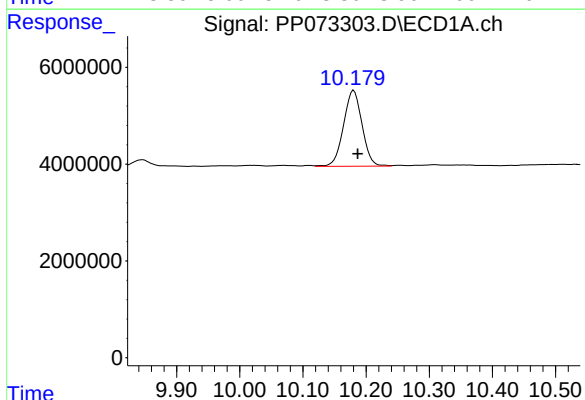
R.T.: 4.490 min
Delta R.T.: -0.004 min
Response: 46542700
Conc: 22.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
TP-73



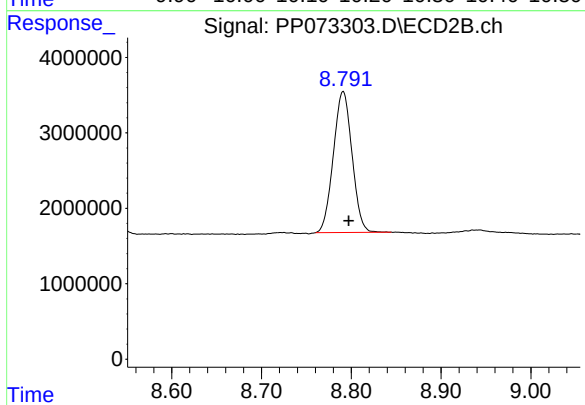
#1 Tetrachloro-m-xylene

R.T.: 3.786 min
Delta R.T.: -0.002 min
Response: 40948176
Conc: 22.73 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.180 min
Delta R.T.: -0.007 min
Response: 32026704
Conc: 18.74 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.791 min
Delta R.T.: -0.006 min
Response: 27014144
Conc: 20.24 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	06/24/25
Project:	South River WM Replacement	Date Received:	06/24/25
Client Sample ID:	TP-72	SDG No.:	Q2413
Lab Sample ID:	Q2413-06	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	87
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073304.D	1	06/26/25 08:20	06/26/25 17:20	PB168622

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.50	U	4.50	19.5	ug/kg
11104-28-2	Aroclor-1221	4.60	U	4.60	19.5	ug/kg
11141-16-5	Aroclor-1232	4.30	U	4.30	19.5	ug/kg
53469-21-9	Aroclor-1242	4.60	U	4.60	19.5	ug/kg
12672-29-6	Aroclor-1248	6.80	U	6.80	19.5	ug/kg
11097-69-1	Aroclor-1254	3.70	U	3.70	19.5	ug/kg
37324-23-5	Aroclor-1262	5.80	U	5.80	19.5	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	19.5	ug/kg
11096-82-5	Aroclor-1260	3.70	U	3.70	19.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.7		32 - 144	109%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.8		32 - 175	94%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
Data File : PP073304.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 17:20
Operator : YP\AJ
Sample : Q2413-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TP-72

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:30:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.491	3.785	44365361	39112936	21.018	21.708
2) SA Decachlor...	10.181	8.790	28421739	25021832	16.632	18.747m

Target Compounds

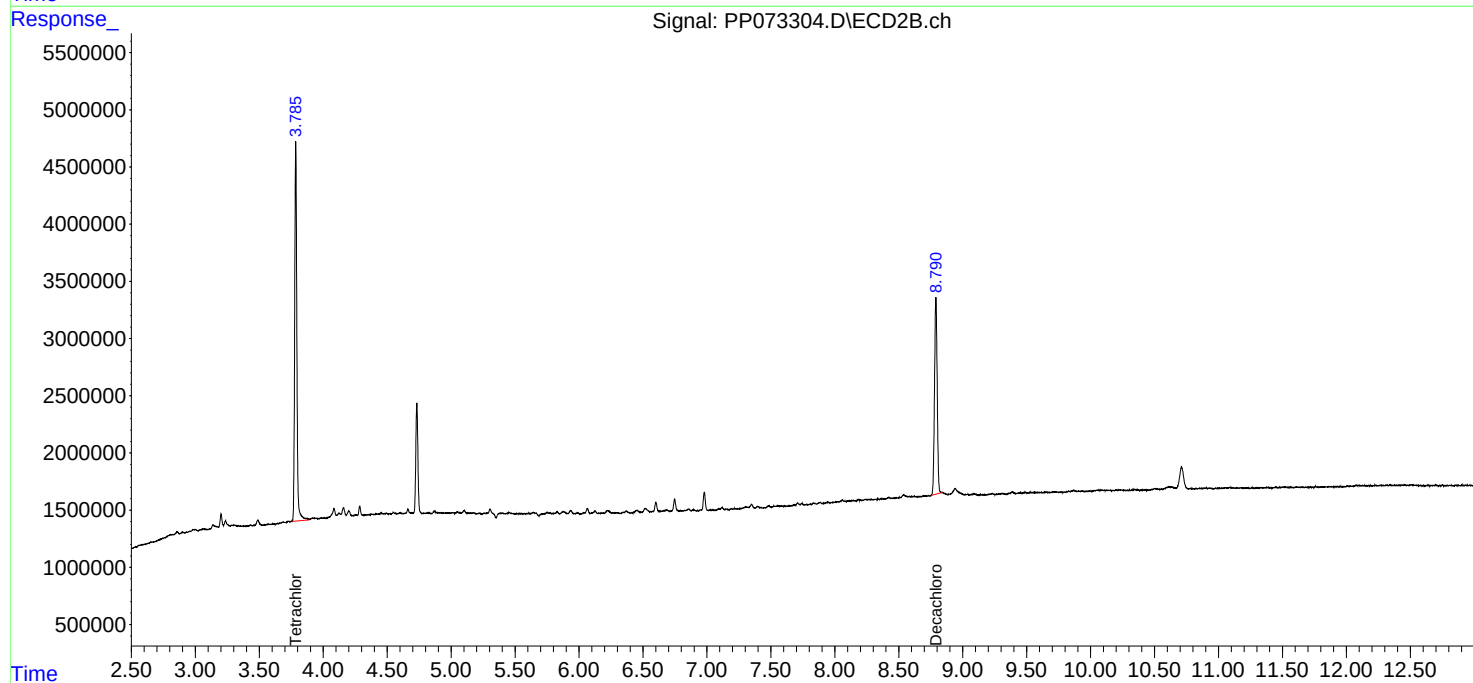
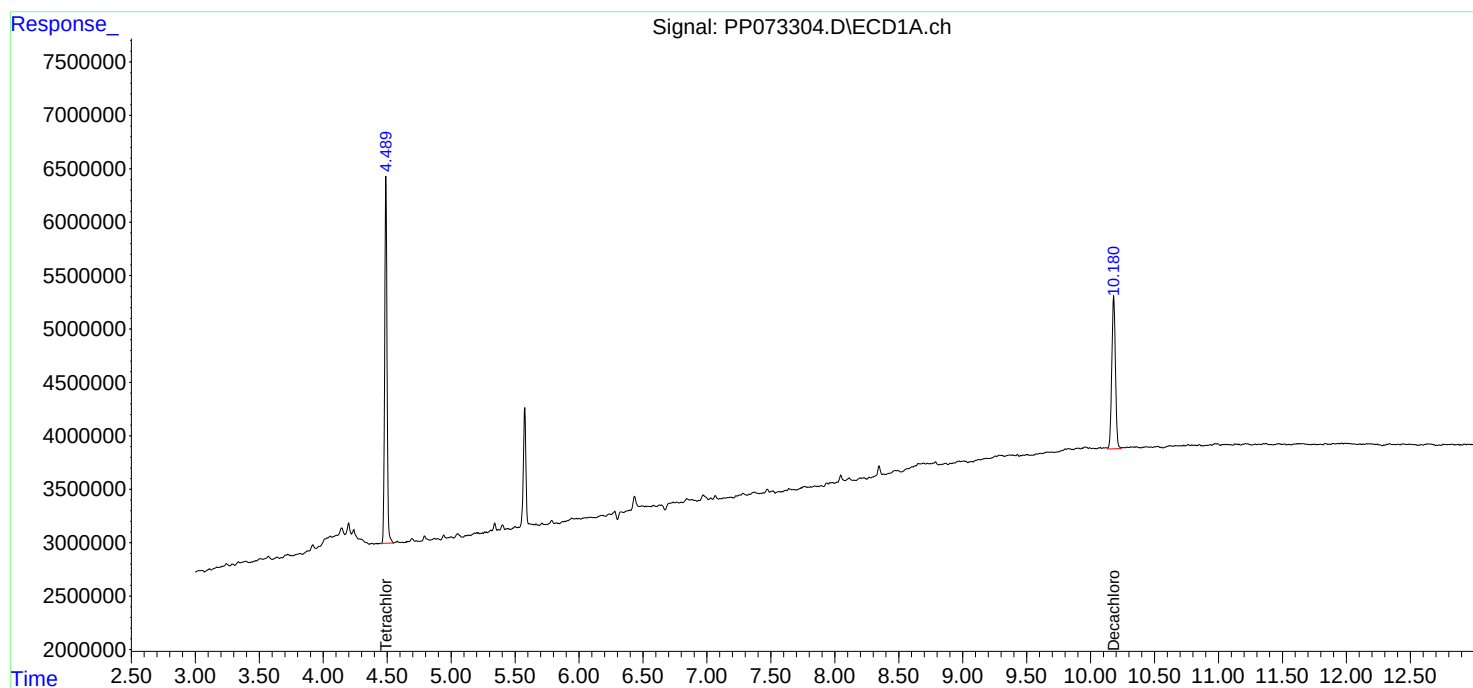
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
Data File : PP073304.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 17:20
Operator : YP\AJ
Sample : Q2413-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

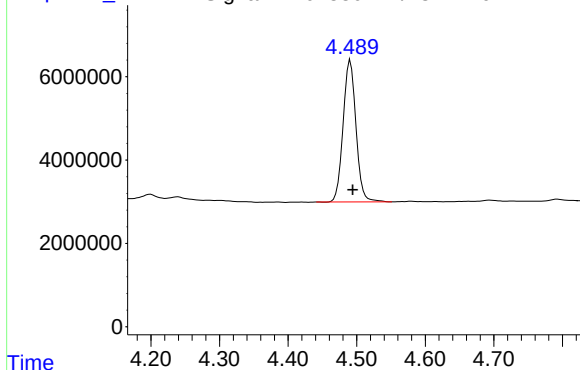
Instrument :
ECD_P
ClientSampleId :
TP-72

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:30:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Signal: PP073304.D\ECD1A.ch

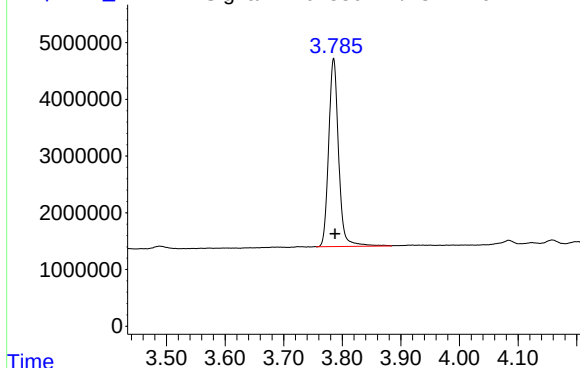


#1 Tetrachloro-m-xylene

R.T.: 4.491 min
Delta R.T.: -0.003 min
Response: 44365361
Conc: 21.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
TP-72

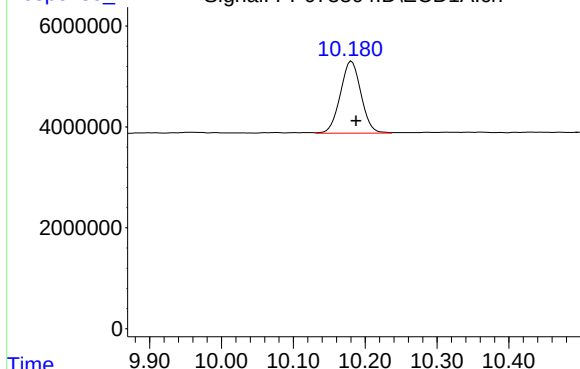
Signal: PP073304.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.785 min
Delta R.T.: -0.002 min
Response: 39112936
Conc: 21.71 ng/ml

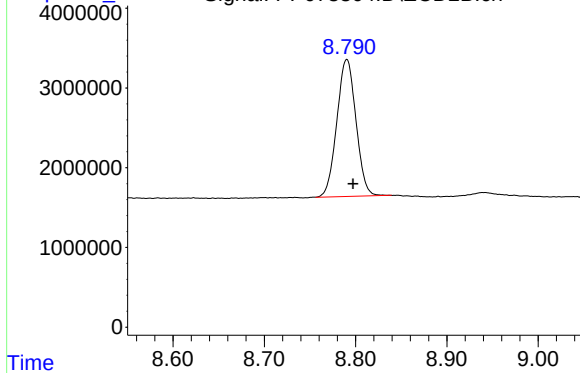
Signal: PP073304.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 10.181 min
Delta R.T.: -0.006 min
Response: 28421739
Conc: 16.63 ng/ml

Signal: PP073304.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.790 min
Delta R.T.: -0.007 min
Response: 25021832
Conc: 18.75 ng/ml m



CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Contract: **CAMP02**

Lab Code: CHEM

Case No.: Q2413

SAS No.: Q2413

SDG NO.: Q2413

Instrument ID: ECD_P

Calibration Date(s):

06/17/2025

06/17/2025

Calibration Times:

10:04

20:10

GC Column: ZB-MR1

ID: 0.32 (mm)

LAB FILE ID:

RT 1000 = PP072991.D

RT 750 = PP072992.D

RT 500 = PP072993.D

RT 250 = PP072994.D

RT 050 = PP072995.D

[illegible]



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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.19	10.18	10.18	10.19	10.18	10.19	10.09	10.29
Tetrachloro-m-xylene	4.49	4.49	4.49	4.50	4.49	4.49	4.39	4.59

RETENTION TIMES OF INITIAL CALIBRATION

Contract: CAMP02

Lab Code: CHEM

Case No.: Q2413

SAS No.: Q2413

SDG NO.: Q2413

Instrument ID: ECD_P

Calibration Date(s):

06/17/2025

06/17/2025

Calibration Times:

10:04

20:10

GC Column: ZB-MR2

ID: 0.32 (mm)

LAB FILE ID:

RT 1000 = PP072991.D

RT 750 = PP072992.D

RT 500 = PP072993.D

RT 250 = PP072994.D

RT 050 = PP072995.D

[illegible]

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CAMP02
Lab Code: CHEM **Case No.:** Q2413 **SAS No.:** Q2413 **SDG NO.:** Q2413
Instrument ID: ECD_P **Calibration Date(s):** 06/17/2025 06/17/2025
Calibration Times: 10:04 20:10

GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID:		CF 1000 = <u>PP072991.D</u>		CF 750 = <u>PP072992.D</u>			
CF 500 = <u>PP072993.D</u>		CF 250 = <u>PP072994.D</u>		CF 050 = <u>PP072995.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	63671603	67644257	70148492	76963128	84930220	12
Aroclor-1016-2	(2)	97440661	102354848	107008936	114458460	98840440	7
Aroclor-1016-3	(3)	59983524	63267185	65041372	73554480	64895380	8
Aroclor-1016-4	(4)	50589003	52912481	54400336	56287652	47214800	7
Aroclor-1016-5	(5)	46240143	47840919	49349310	51433860	55161280	7
Aroclor-1260-1	(1)	82538787	86792979	90284630	94211564	87238820	5
Aroclor-1260-2	(2)	125600539	132072107	137363486	143645412	140737120	5
Aroclor-1260-3	(3)	106201830	111185451	115341698	120182220	117849880	5
Aroclor-1260-4	(4)	98670506	102821608	101520658	108282220	103932620	3
Aroclor-1260-5	(5)	227637841	236485680	245198018	255372264	238418920	4
Decachlorobiphenyl		1620648950	1677444467	1749703060	1784234960	1712434400	4
Tetrachloro-m-xylene		1977356170	2059482187	2109826840	2243117400	2164249200	5
Aroclor-1242-1	(1)	54005130	54512615	57421654	60290804	65956000	8
Aroclor-1242-2	(2)	81931377	79616400	88109514	98852440	84261940	9
Aroclor-1242-3	(3)	50398728	48446856	53645312	57446220	53601300	7
Aroclor-1242-4	(4)	42240385	41710237	44319270	46660108	44861080	5
Aroclor-1242-5	(5)	45003164	45972225	47192024	56790384	52840600	10
Decachlorobiphenyl		1612495640	1627929573	1725341220	1814607120	1610121000	5
Tetrachloro-m-xylene		1888746510	1833283947	1976454780	2024098800	2031619200	4
Aroclor-1248-1	(1)	41858490	44170731	45862520	49041552	56908940	12
Aroclor-1248-2	(2)	55380415	58022209	55617524	59041032	64693660	6
Aroclor-1248-3	(3)	63266998	66239924	62737624	66758520	67243400	3
Aroclor-1248-4	(4)	77728954	82015129	82895984	86036548	96645880	8
Aroclor-1248-5	(5)	75041779	78134308	81070348	82544344	101675060	12
Decachlorobiphenyl		1620420410	1689508547	1707113880	1772211040	1987340600	8
Tetrachloro-m-xylene		1885218090	1960849747	1904121260	1960400040	2044577000	3
Aroclor-1254-1	(1)	73763285	78885443	81757104	88891384	97572240	11
Aroclor-1254-2	(2)	111451506	118674340	123357828	133620984	139899720	9
Aroclor-1254-3	(3)	119235877	126285657	130365552	141133040	139034740	7
Aroclor-1254-4	(4)	108754762	114515340	117946542	128101128	129602040	7
Aroclor-1254-5	(5)	106940669	112254864	115991910	123909512	112185340	6
Decachlorobiphenyl		1648218000	1739306053	1775656020	1935470960	1659491600	7
Tetrachloro-m-xylene		1872735760	1960277133	2019595300	2159825040	2074265000	5
Aroclor-1268-1	(1)	342609292	345928729	355896714	398597476	345083220	7



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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	290418323	293649853	302966618	340918088	297353440	305061264	7
Aroclor-1268-3	(3)	249992898	253511760	262173960	295232256	266657480	265513671	7
Aroclor-1268-4	(4)	114648839	115165531	118059850	128871696	108376940	117024571	6
Aroclor-1268-5	(5)	713831298	735909031	738672980	819932440	689883900	739645930	7
Decachlorobiphenyl		3002859930	3106573307	3204862440	3588507520	3062996400	3193159919	7
Tetrachloro-m-xylene		1965399560	2013897333	2066727860	2334276840	2005844200	2077229159	7

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CAMP02
Lab Code: CHEM **Case No.:** Q2413 **SAS No.:** Q2413 **SDG NO.:** Q2413
Instrument ID: ECD_P **Calibration Date(s):** 06/17/2025 06/17/2025
Calibration Times: 10:04 20:10

GC Column: ZB-MR2 **ID:** 0.32 (mm)

LAB FILE ID:		CF 1000 = <u>PP072991.D</u>		CF 750 = <u>PP072992.D</u>			
CF 500 = <u>PP072993.D</u>		CF 250 = <u>PP072994.D</u>		CF 050 = <u>PP072995.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	58734267	64000205	67674152	72695560	80484240	12
Aroclor-1016-2	(2)	90382349	94344453	98038690	104433472	115993580	10
Aroclor-1016-3	(3)	48136215	50748025	53595712	56975444	64125620	11
Aroclor-1016-4	(4)	38107893	40907291	43245840	46954372	53532680	13
Aroclor-1016-5	(5)	49203503	51615780	54910048	58505108	62177080	9
Aroclor-1260-1	(1)	84892100	88579871	95448406	100236824	104495860	9
Aroclor-1260-2	(2)	105588352	108160505	115763440	121715240	130953840	9
Aroclor-1260-3	(3)	96095206	97763095	104346708	109521728	113078520	7
Aroclor-1260-4	(4)	77788306	79915727	86740682	92092068	102155800	11
Aroclor-1260-5	(5)	196041650	198840268	209548214	218270728	244301260	9
Decachlorobiphenyl		1225771100	1248497173	1342901640	1435827000	1420581600	7
Tetrachloro-m-xylene		1662896120	1767446653	1788437460	1893713440	1896490200	5
Aroclor-1242-1	(1)	50070930	49549424	54443442	59214632	62816600	10
Aroclor-1242-2	(2)	73623300	71492977	79469612	84317900	88528280	9
Aroclor-1242-3	(3)	39446084	38282884	42982138	46709656	49104180	11
Aroclor-1242-4	(4)	37721961	36558999	41186366	44840456	47211420	11
Aroclor-1242-5	(5)	49158591	46923105	52837542	55505240	58508140	9
Decachlorobiphenyl		1205418560	1226140693	1281128260	1336855440	1341504000	5
Tetrachloro-m-xylene		1683517200	1544398853	1783586240	1693726480	1780668000	6
Aroclor-1248-1	(1)	39929038	42320627	40002718	45282436	50417100	10
Aroclor-1248-2	(2)	53044396	57410791	53304096	60483108	68735640	11
Aroclor-1248-3	(3)	55822275	59851821	54787908	62834628	69424220	10
Aroclor-1248-4	(4)	64712793	69142612	62749900	72698224	80808780	10
Aroclor-1248-5	(5)	65436447	68813545	68635516	72459776	79814180	8
Decachlorobiphenyl		1226985710	1250965200	1294060880	1349363760	1435080400	6
Tetrachloro-m-xylene		1707872610	1775213400	1595172200	1742416320	1838339400	5
Aroclor-1254-1	(1)	94131500	102369100	108358230	120483728	122907600	11
Aroclor-1254-2	(2)	80645865	88030495	92596756	103733056	107725280	12
Aroclor-1254-3	(3)	128776319	138178049	147317104	161124892	162339800	10
Aroclor-1254-4	(4)	83562949	90268741	96675708	106896836	108101020	11
Aroclor-1254-5	(5)	116424396	122854644	129598642	142067368	138868340	8
Decachlorobiphenyl		1234350420	1314370427	1354328000	1438665160	1427909200	6
Tetrachloro-m-xylene		1670033590	1775346533	1836392320	1937020080	1788575000	5
Aroclor-1268-1	(1)	263809069	277704169	280800266	313024424	300977600	7



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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	236468443	251452185	251704404	280300416	265662900	257117670	6
Aroclor-1268-3	(3)	197435098	210533244	211556648	231588560	228588480	215940406	7
Aroclor-1268-4	(4)	83966367	90997261	93004838	103484904	99474300	94185534	8
Aroclor-1268-5	(5)	544182935	572449871	587387342	623593632	566405340	578803824	5
Decachlorobiphenyl		2216214780	2314031280	2438938620	2677731000	2452104000	2419803936	7
Tetrachloro-m-xylene		1798342890	1816167067	1835922080	2018457320	1810038400	1855785551	5



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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

Instrument ID: ECD_P Date(s) Analyzed: 06/17/2025 06/17/2025

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.69	4.59	4.79	24659200
		2	4.78	4.68	4.88	20179000
		3	4.85	4.75	4.95	61551400
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.86	4.76	4.96	46956200
		2	5.38	5.28	5.48	22369800
		3	5.67	5.57	5.77	51597600
		4	5.83	5.73	5.93	25810400
		5	5.92	5.82	6.02	35670200
Aroclor-1262	500	1	8.07	7.97	8.17	148023000
		2	8.39	8.29	8.49	316466000
		3	8.70	8.60	8.80	213972000
		4	8.79	8.69	8.89	157593000
		5	9.44	9.34	9.54	111864000



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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

Instrument ID: ECD_P Date(s) Analyzed: 06/17/2025 06/17/2025

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.00	3.90	4.10	26872400
		2	4.09	3.99	4.19	20185400
		3	4.16	4.06	4.26	58732000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.16	4.06	4.26	45564800
		2	4.89	4.79	4.99	46259800
		3	5.06	4.96	5.16	24558000
		4	5.15	5.05	5.25	21625200
		5	5.32	5.22	5.42	22858800
Aroclor-1262	500	1	6.90	6.80	7.00	144467000
		2	7.16	7.06	7.26	122231000
		3	7.68	7.58	7.78	112703000
		4	7.75	7.65	7.85	183356000
		5	8.24	8.14	8.34	86585200

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP072991.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 10:04
 Operator : YP\AJ
 Sample : AR1660ICC1000
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 17 11:00:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 17 10:53:56 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.494	3.788	197.7E6	166.3E6	96.759	96.363
2) SA Decachlor...	10.188	8.798	162.1E6	122.6E6	96.171	95.440
Target Compounds						
3) L1 AR-1016-1	5.645	4.869	63671603	58734267	951.600	929.278
4) L1 AR-1016-2	5.667	4.886	97440661	90382349	953.200	959.366
5) L1 AR-1016-3	5.729	5.063	59983524	48136215	959.545	946.334
6) L1 AR-1016-4	5.826	5.105	50589003	38107893	963.698	936.844
7) L1 AR-1016-5	6.119	5.319	46240143	49203503	967.474	945.189
31) L7 AR-1260-1	7.236	6.350	82538787	84892100	955.181	941.465
32) L7 AR-1260-2	7.490	6.540	125.6E6	105.6E6	955.268	954.032
33) L7 AR-1260-3	7.848	6.691	106.2E6	96095206	958.745	958.833
34) L7 AR-1260-4	8.072	7.161	98670506	77788306	985.763	945.588
35) L7 AR-1260-5	8.389	7.403	227.6E6	196.0E6	962.862	966.699

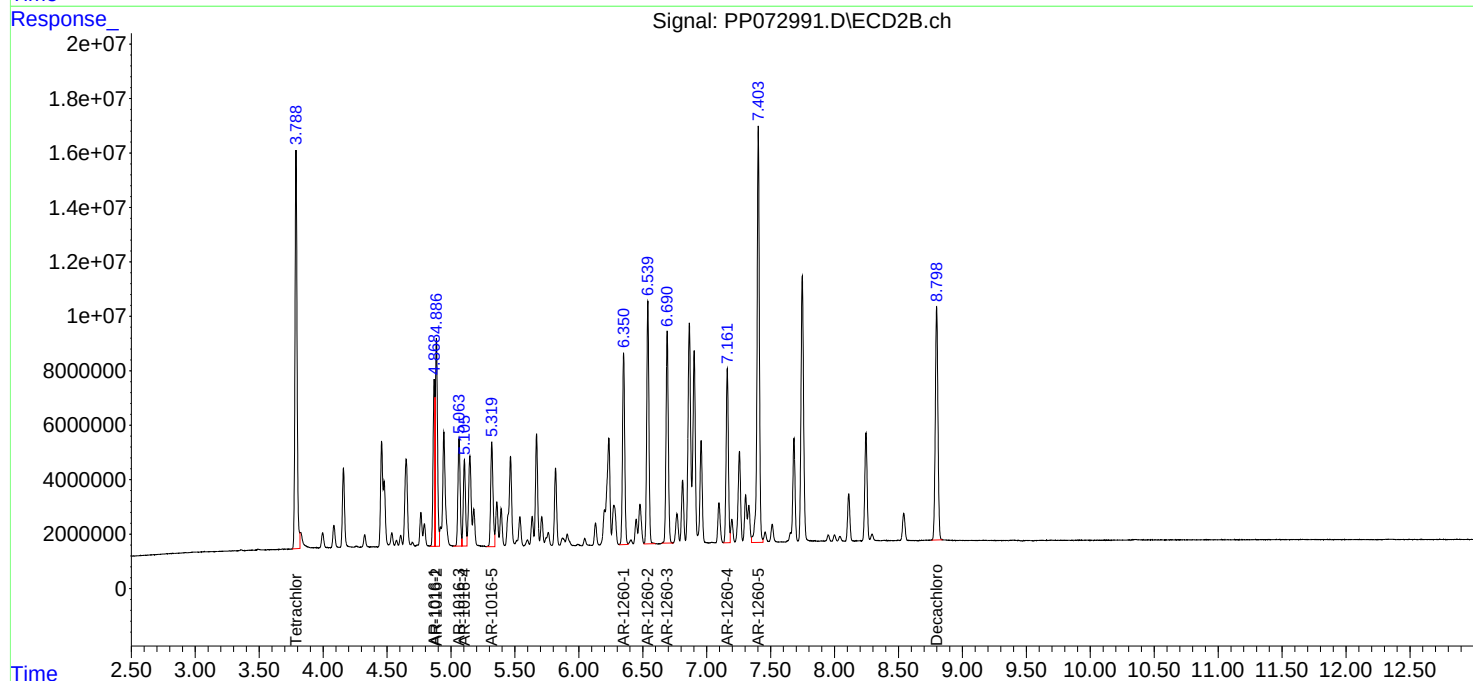
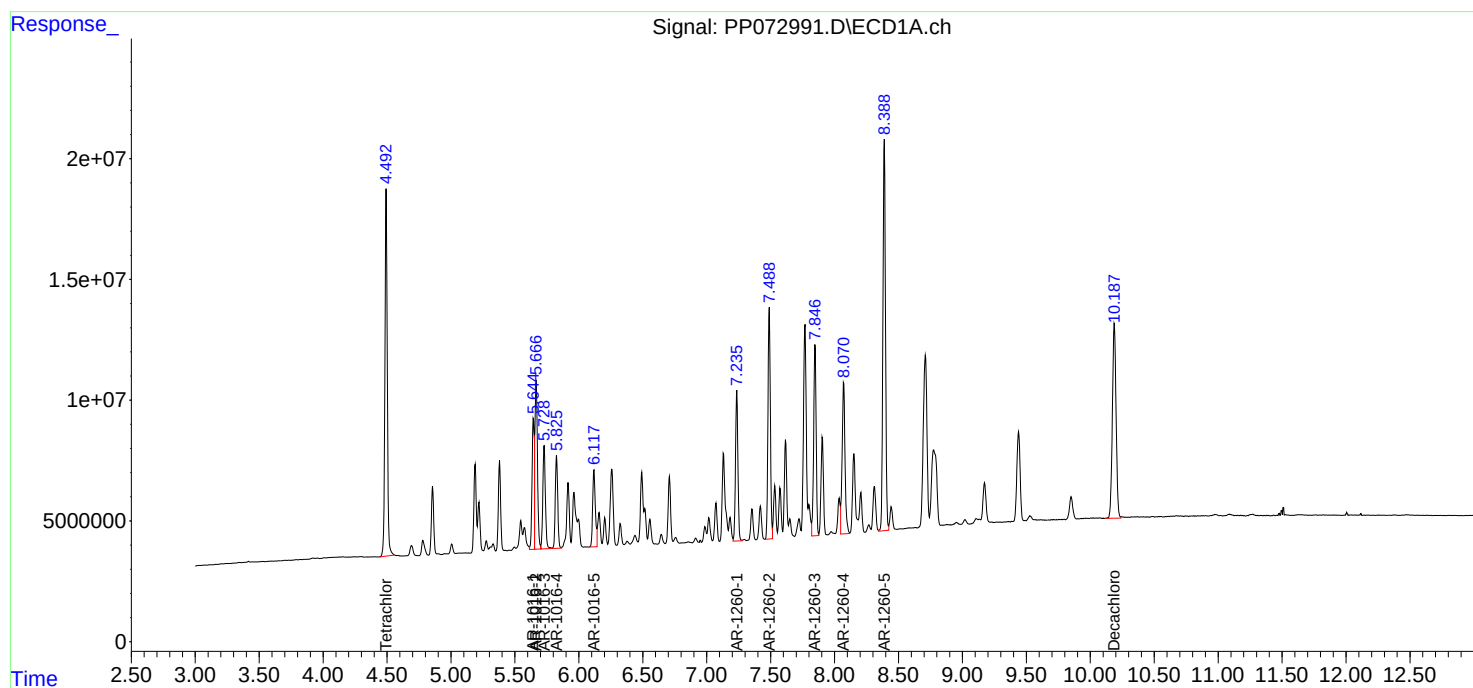
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP072991.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 10:04
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 11:00:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 10:53:56 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP072992.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 10:20
 Operator : YP\AJ
 Sample : AR1660ICC750
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 17 11:02:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 17 10:53:56 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.493	3.788	154.5E6	132.6E6	75.388	76.201
2) SA Decachlor...	10.187	8.799	125.8E6	93637288	74.770	73.592
Target Compounds						
3) L1 AR-1016-1	5.645	4.868	50733193	48000154	755.467	756.271
4) L1 AR-1016-2	5.666	4.886	76766136	70758340	750.636	750.710
5) L1 AR-1016-3	5.728	5.063	47450389	38061019	756.013	748.840
6) L1 AR-1016-4	5.826	5.105	39684361	30680468	753.969	752.827
7) L1 AR-1016-5	6.118	5.319	35880689	38711835	750.483	745.752
31) L7 AR-1260-1	7.235	6.350	65094734	66434903	752.203	741.129
32) L7 AR-1260-2	7.489	6.539	99054080	81120379	752.241	738.549
33) L7 AR-1260-3	7.846	6.690	83389088	73322321	751.865	737.637
34) L7 AR-1260-4	8.070	7.161	77116206	59936795	763.495	735.587
35) L7 AR-1260-5	8.388	7.402	177.4E6	149.1E6	750.143	740.186

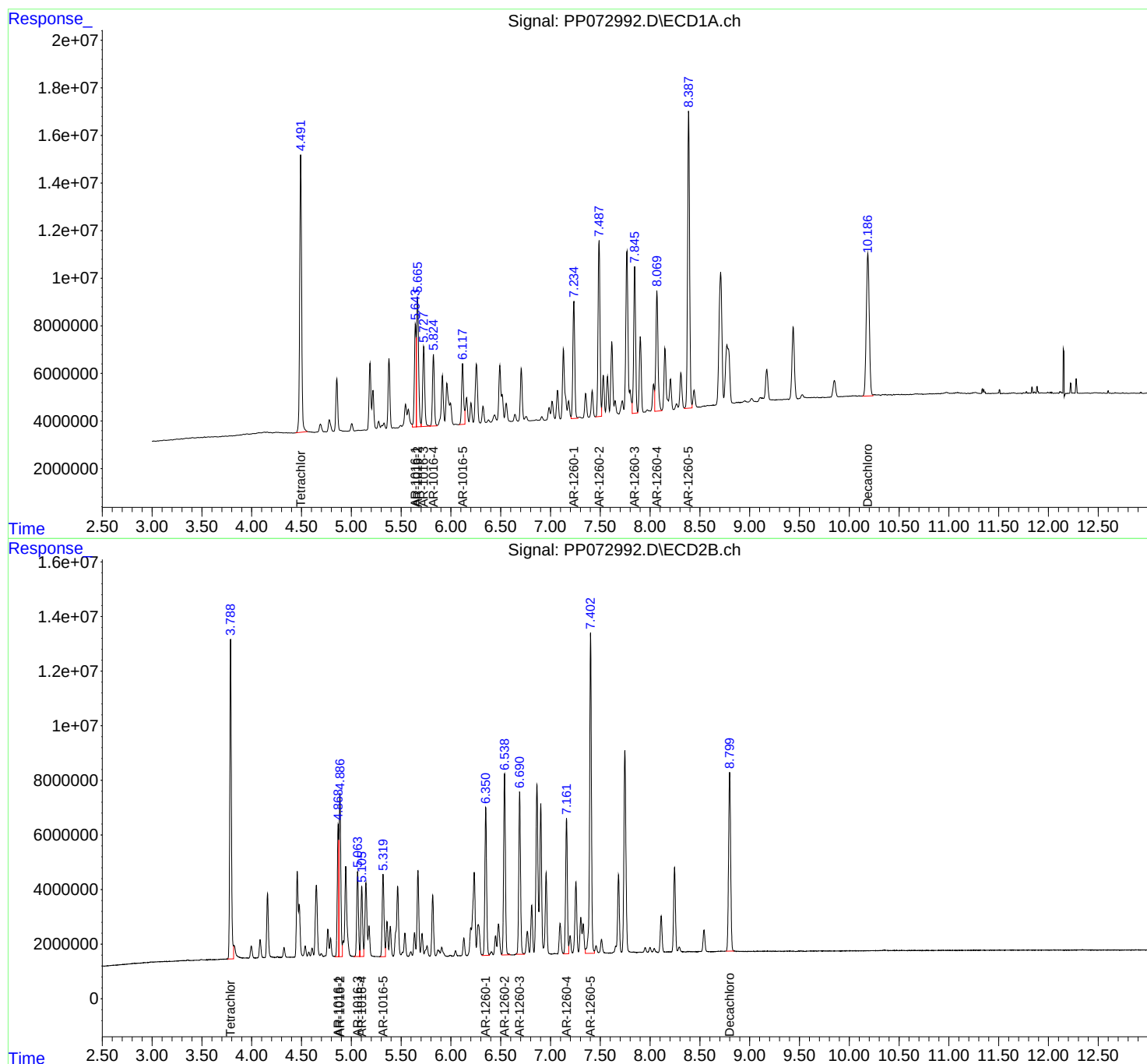
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP072992.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 10:20
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 11:02:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 10:53:56 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP072993.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 10:37
 Operator : YP\AJ
 Sample : AR1660ICC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 17 10:57:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 17 10:53:56 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.494	3.788	105.5E6	89421873	50.000	50.000
2) SA Decachlor...	10.187	8.797	87485153	67145082	50.000	50.000
Target Compounds						
3) L1 AR-1016-1	5.646	4.868	35074246	33837076	500.000	500.000
4) L1 AR-1016-2	5.667	4.886	53504468	49019345	500.000	500.000
5) L1 AR-1016-3	5.729	5.062	32520686	26797856	500.000	500.000
6) L1 AR-1016-4	5.827	5.104	27200168	21622920	500.000	500.000
7) L1 AR-1016-5	6.119	5.318	24674655	27455024	500.000	500.000
31) L7 AR-1260-1	7.236	6.349	45142315	47724203	500.000	500.000
32) L7 AR-1260-2	7.489	6.538	68681743	57881720	500.000	500.000
33) L7 AR-1260-3	7.847	6.689	57670849	52173354	500.000	500.000
34) L7 AR-1260-4	8.071	7.160	50760329	43370341	500.000	500.000
35) L7 AR-1260-5	8.388	7.402	122.6E6	104.8E6	500.000	500.000

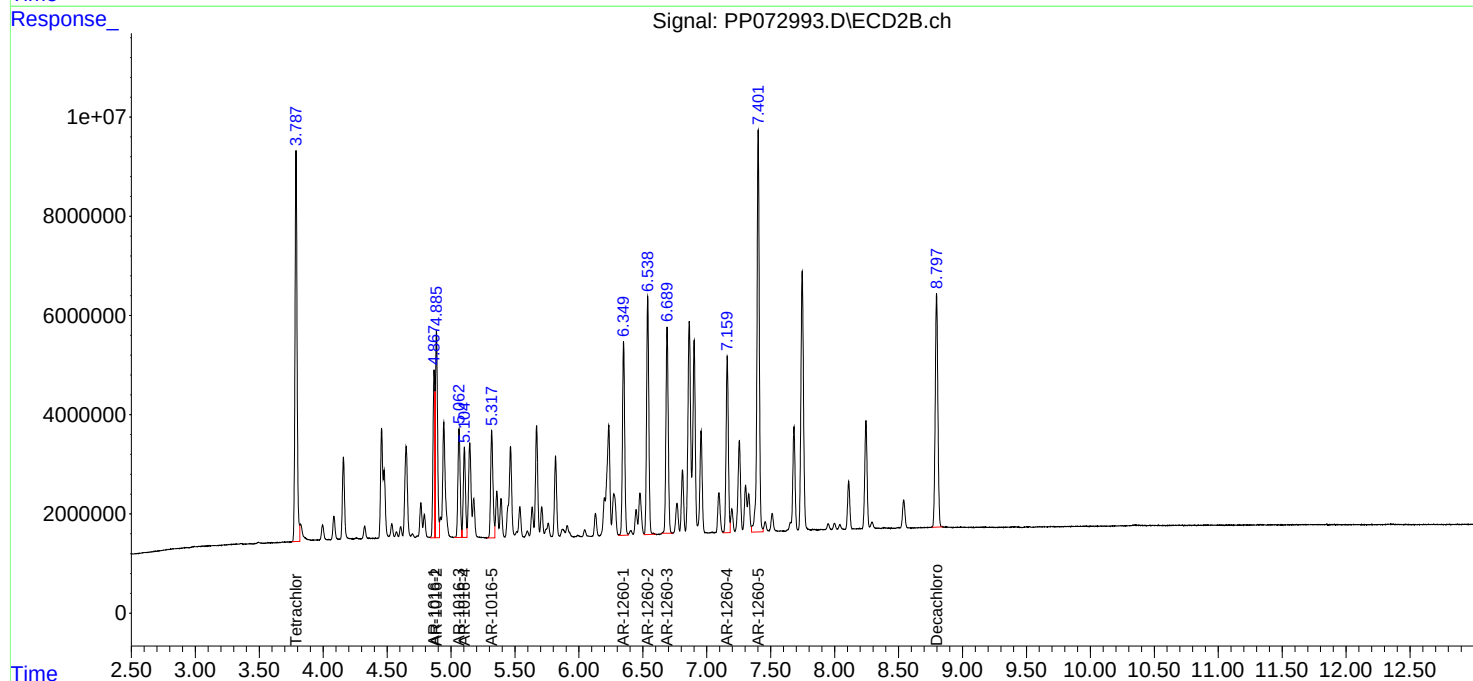
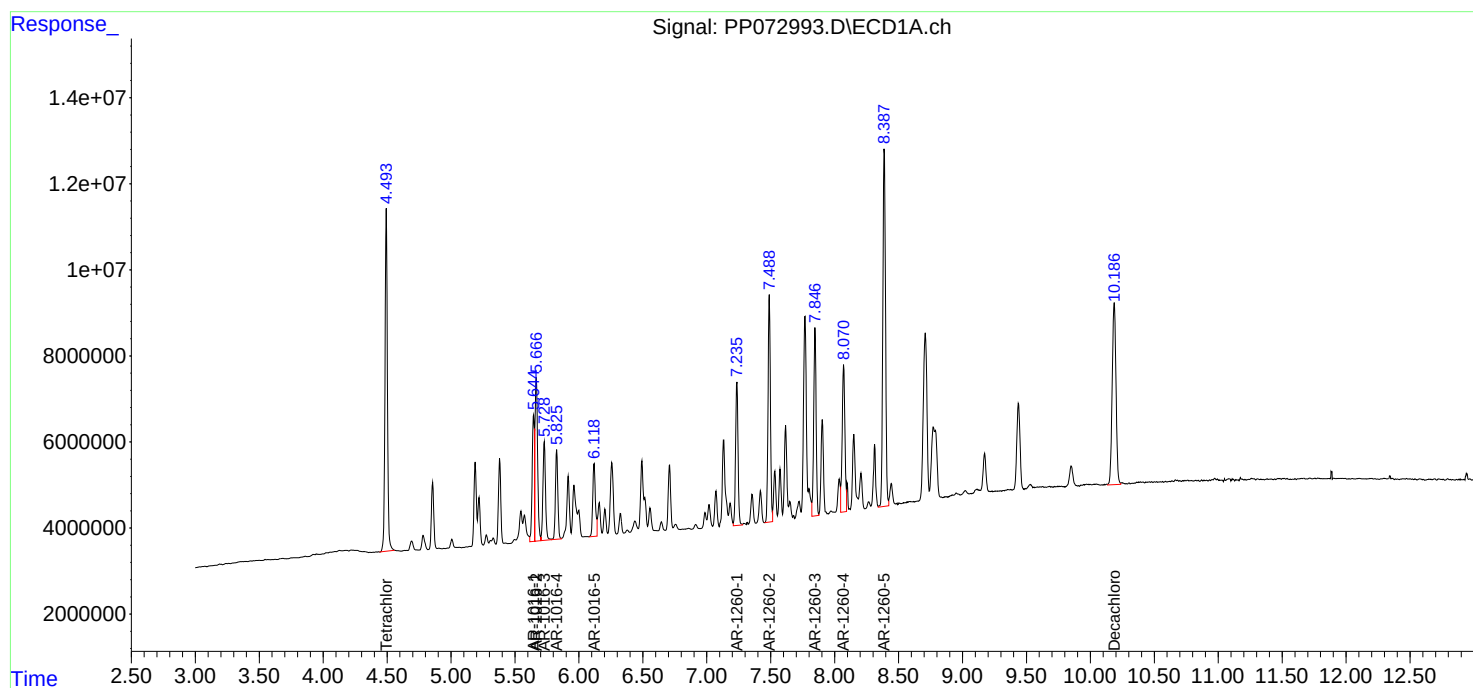
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP072993.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 10:37
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 10:57:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 10:53:56 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP072994.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 10:53
 Operator : YP\AJ
 Sample : AR1660ICC250
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC250

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/18/2025
 Supervised By :mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 17 11:20:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 17 11:20:50 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.494	3.789	56077935	47342836	26.736	26.625
2) SA Decachlor...	10.186	8.799	44605874	35895675	26.136m	27.333
Target Compounds						
3) L1 AR-1016-1	5.646	4.869	19240782	18173890	276.421	276.300
4) L1 AR-1016-2	5.667	4.887	28614615	26108368	271.703	269.715
5) L1 AR-1016-3	5.730	5.064	18388620	14243861	280.907	272.017
6) L1 AR-1016-4	5.827	5.106	14071913	11738593	262.794	277.483
7) L1 AR-1016-5	6.119	5.320	12858465	14626277	263.947	273.089
31) L7 AR-1260-1	7.236	6.350	23552891	25059206	266.264	271.529
32) L7 AR-1260-2	7.489	6.540	35911353	30428810	266.661	269.742
33) L7 AR-1260-3	7.847	6.691	30045555	27380432	265.355	268.616
34) L7 AR-1260-4	8.071	7.161	27070555	23023017	263.271	273.646
35) L7 AR-1260-5	8.389	7.403	63843066	54567682	264.718	265.310

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP072994.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 10:53
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

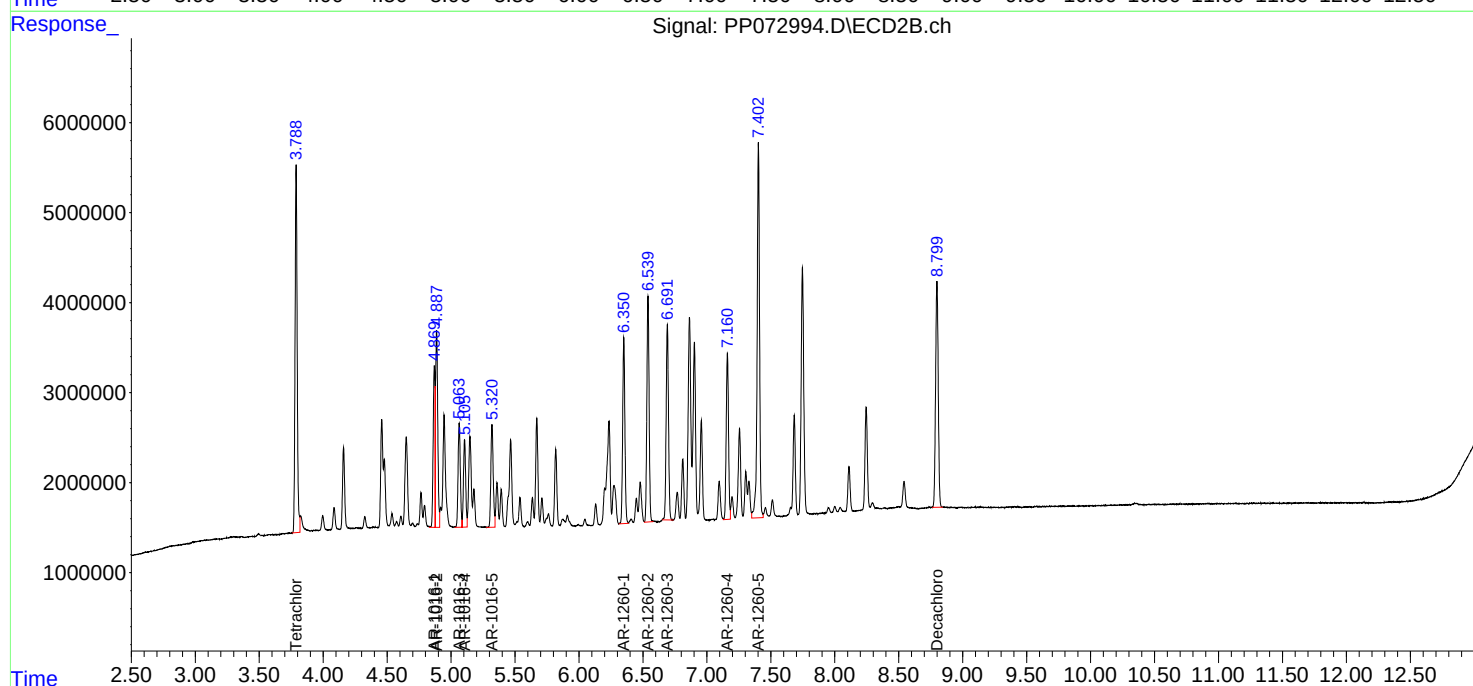
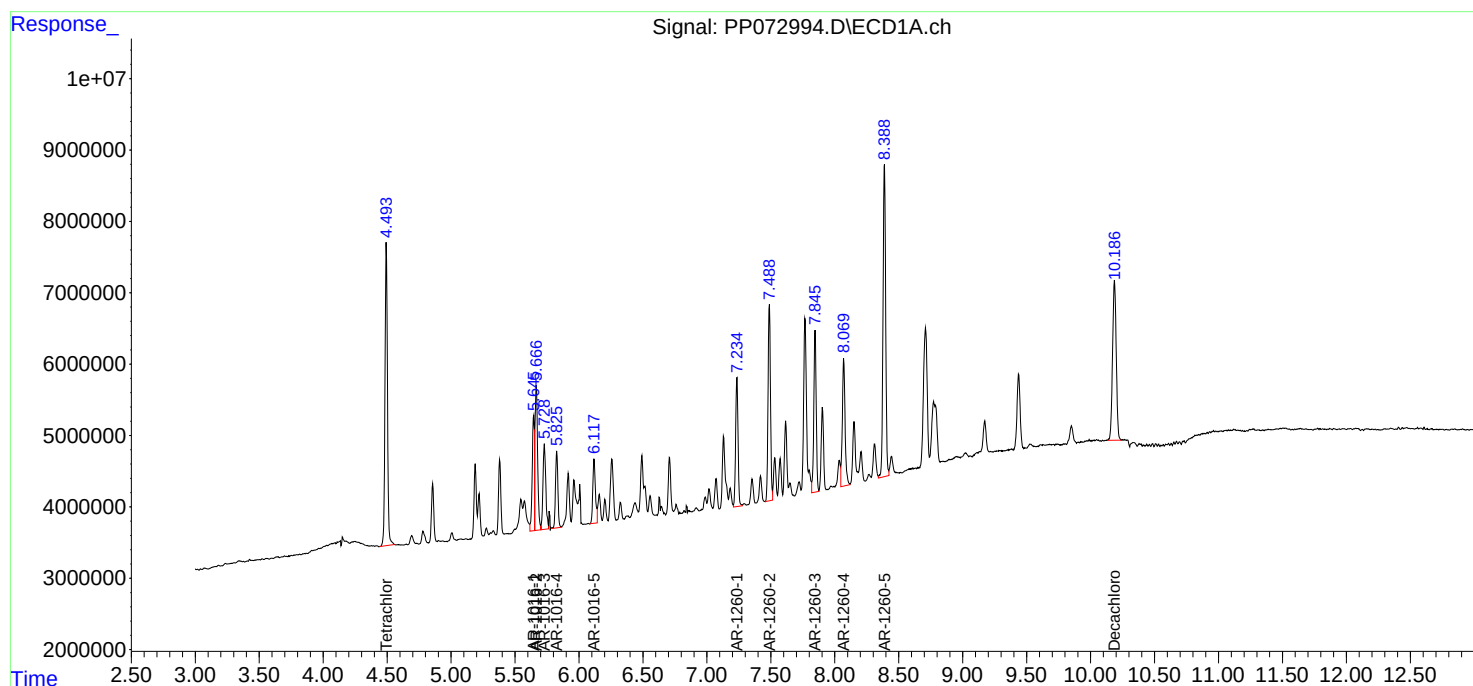
Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/18/2025
Supervised By :mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 11:20:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 11:20:50 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP072995.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 11:43
 Operator : YP\AJ
 Sample : AR1660ICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/18/2025
 Supervised By :mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 17 11:56:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 17 11:56:03 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.495	3.788	10821246	9482451	5.127	5.263
2) SA Decachlor...	10.189	8.798	8562172	7102908	5.010	5.322
Target Compounds						
3) L1 AR-1016-1	5.645	4.868	4246511	4024212	62.151m	58.562
4) L1 AR-1016-2	5.666	4.886	4942022	5799679	47.639m	57.629
5) L1 AR-1016-3	5.728	5.063	3244769	3206281	50.121m	58.598
6) L1 AR-1016-4	5.826	5.104	2360740	2676634	43.583m	60.082 #
7) L1 AR-1016-5	6.115	5.318	2758064	3108854	54.566m	56.236
31) L7 AR-1260-1	7.237	6.349	4361941	5224793	49.448	55.154
32) L7 AR-1260-2	7.490	6.539	7036856	6547692	51.786	56.234
33) L7 AR-1260-3	7.848	6.690	5892494	5653926	51.620	54.281
34) L7 AR-1260-4	8.072	7.160	5196631	5107790	50.430	58.216
35) L7 AR-1260-5	8.390	7.403	11920946	12215063	49.542	57.240

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP072995.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 11:43
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

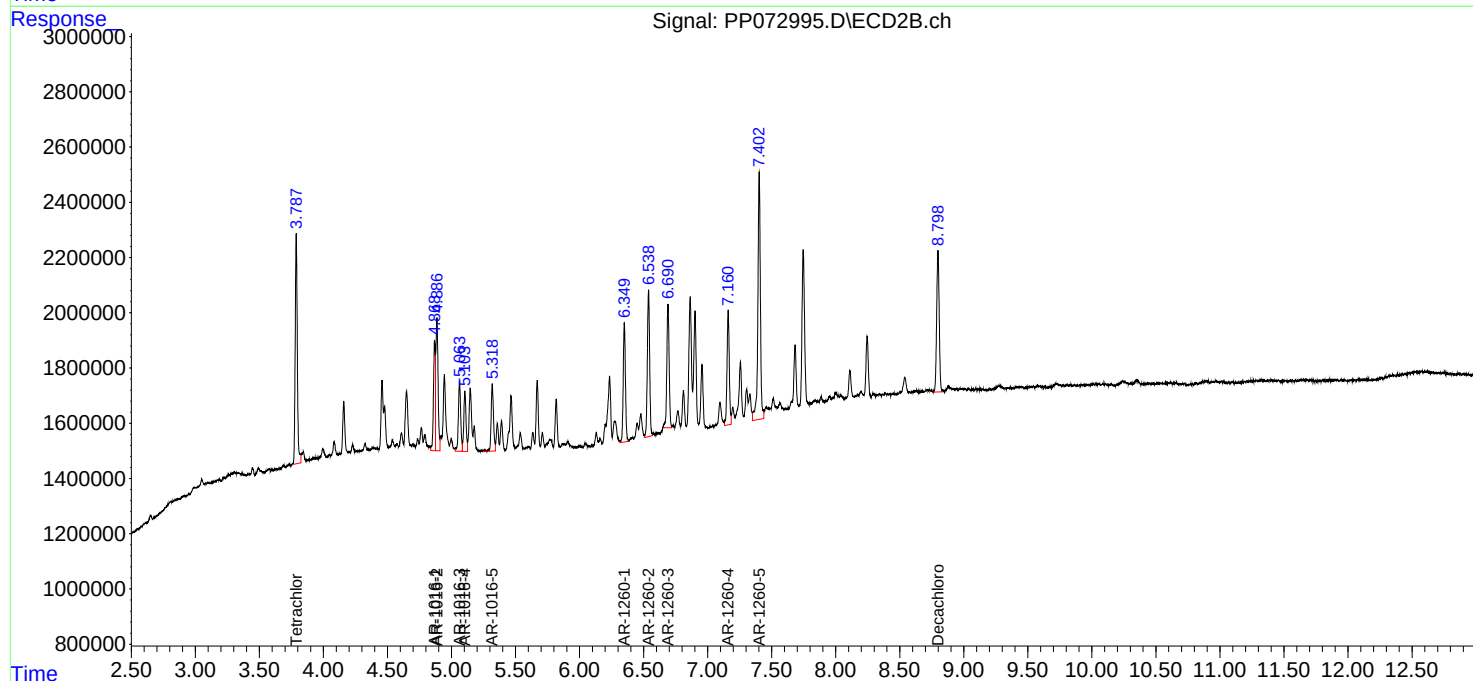
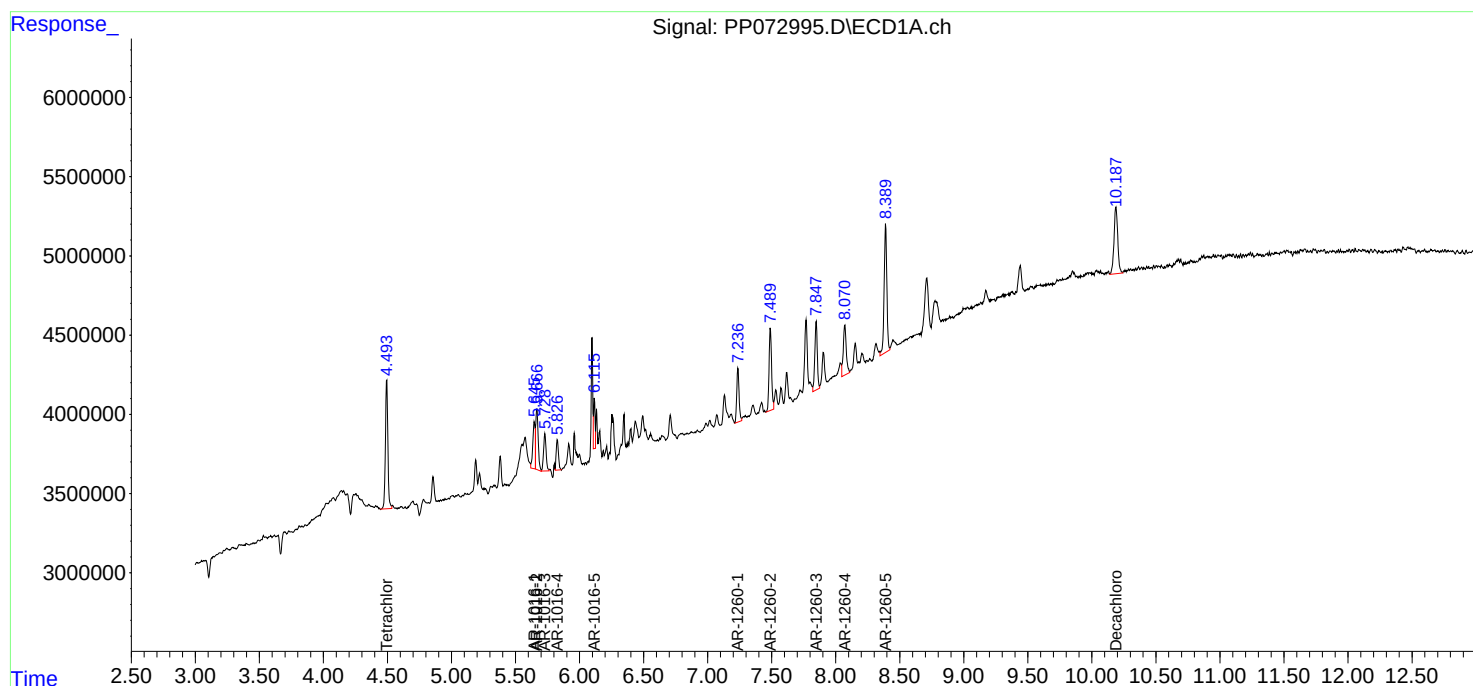
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/18/2025
Supervised By :mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 11:56:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 11:56:03 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP072996.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 12:00
 Operator : YP\AJ
 Sample : AR1221ICC500
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1221ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 17 12:10:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 17 12:10:37 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.492	3.789	105.4E6	89112454	50.000	50.000
2) SA Decachlor...	10.184	8.799	91904027	64667778	50.000	50.000
Target Compounds						
8) L2 AR-1221-1	4.693	3.998	12329631	13436222	500.000	500.000
9) L2 AR-1221-2	4.779	4.085	10089531	10092717	500.000	500.000
10) L2 AR-1221-3	4.854	4.160	30775714	29365987	500.000	500.000

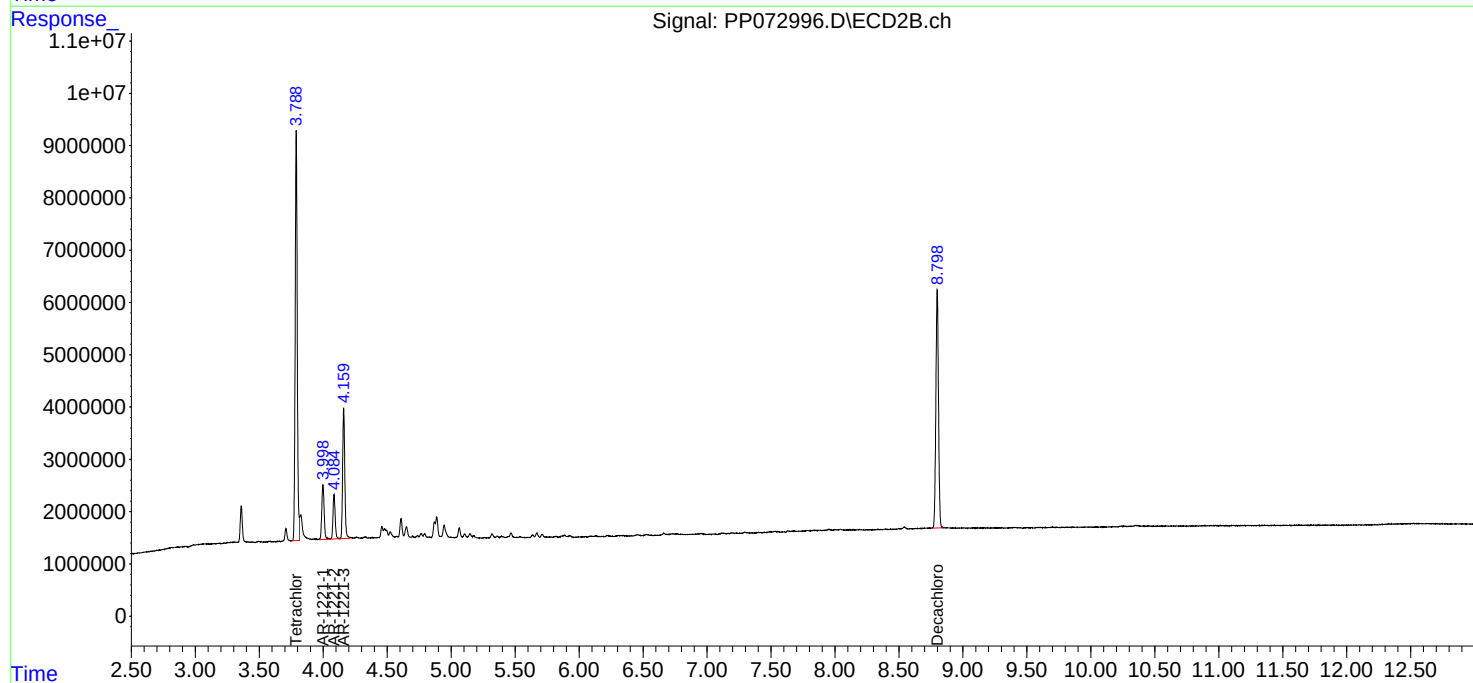
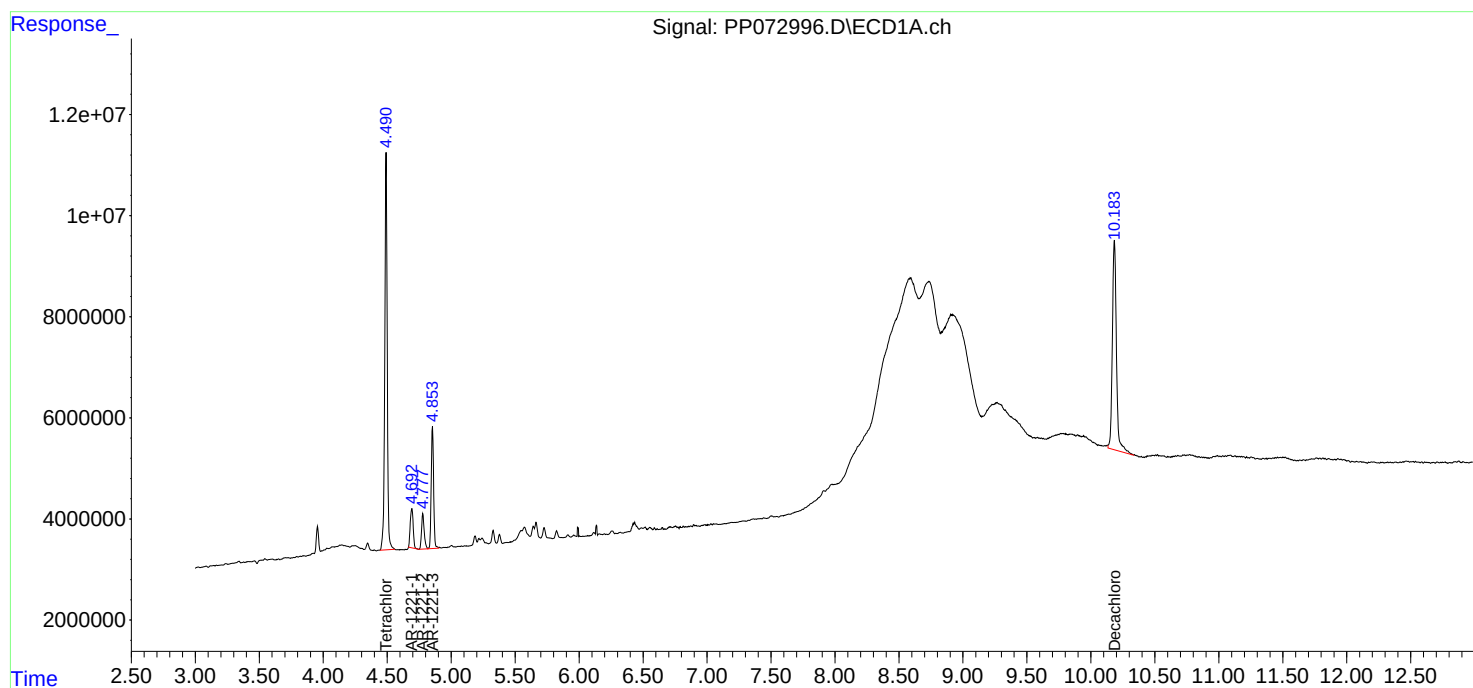
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP072996.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 12:00
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 12:10:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 12:10:37 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP072997.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 12:16
 Operator : YP\AJ
 Sample : AR1232ICC500
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1232ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 07:24:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 07:18:32 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.496	3.788	101.1E6	83983615	50.000	50.000
2) SA Decachlor...	10.190	8.799	85193704	65915026	50.000	50.000
Target Compounds						
11) L3 AR-1232-1	4.859	4.159	23478120	22782362	500.000	500.000
12) L3 AR-1232-2	5.383	4.886	11184939	23129931	500.000	500.000
13) L3 AR-1232-3	5.669	5.063	25798795	12278957	500.000	500.000
14) L3 AR-1232-4	5.829	5.147	12905204	10812587	500.000	500.000
15) L3 AR-1232-5	5.920	5.318	17835091	11429441	500.000	500.000

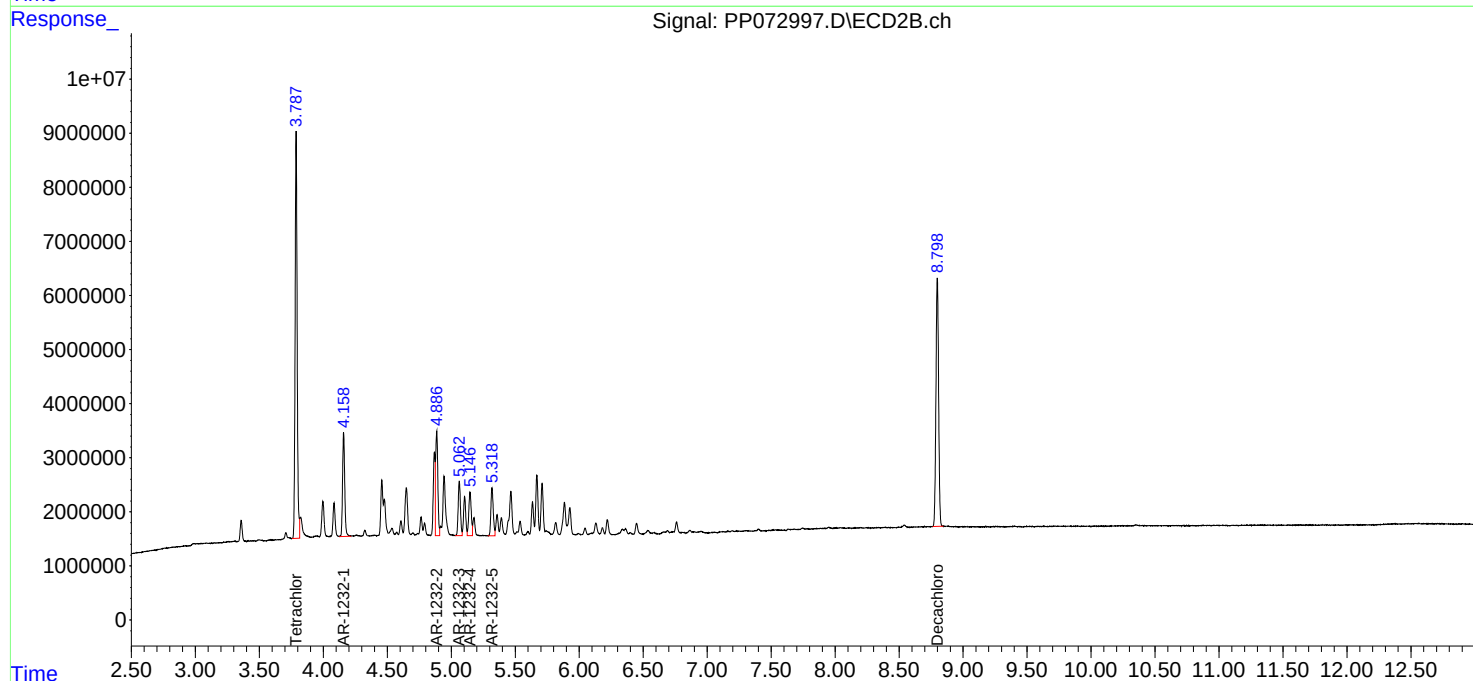
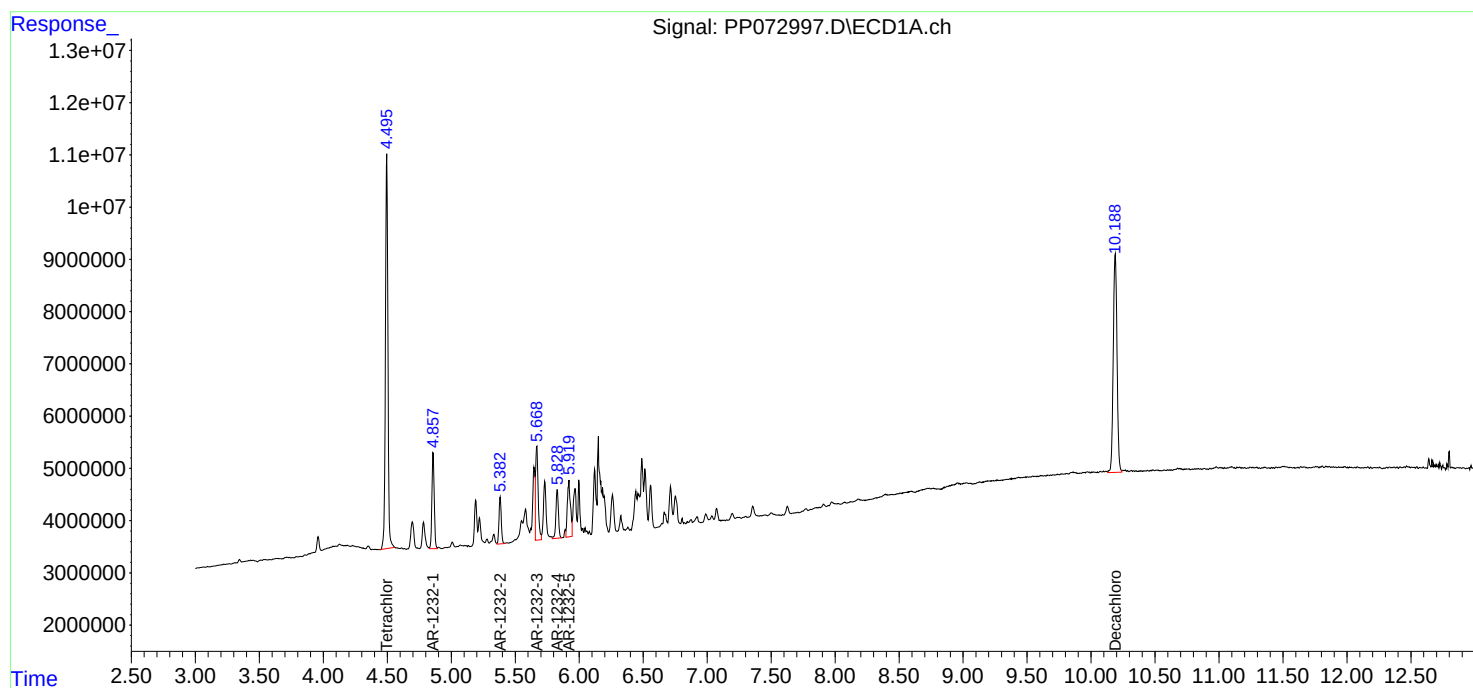
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP072997.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 12:16
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 07:24:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 07:18:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP072998.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 14:27
 Operator : YP\AJ
 Sample : AR1242ICC1000
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 17 15:22:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 17 15:20:05 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.494	3.788	188.9E6	168.4E6	97.731	97.114
2) SA Decachlor...	10.187	8.798	161.2E6	120.5E6	96.619	96.955
Target Compounds						
16) L4 AR-1242-1	5.645	4.869	54005130	50070930	969.338	958.164
17) L4 AR-1242-2	5.668	4.887	81931377	73623300	963.667	961.812
18) L4 AR-1242-3	5.729	5.063	50398728	39446084	968.796	957.101
19) L4 AR-1242-4	5.827	5.148	42240385	37721961	975.983	956.096
20) L4 AR-1242-5	6.556	5.669	45003164	49158591	976.258	963.930

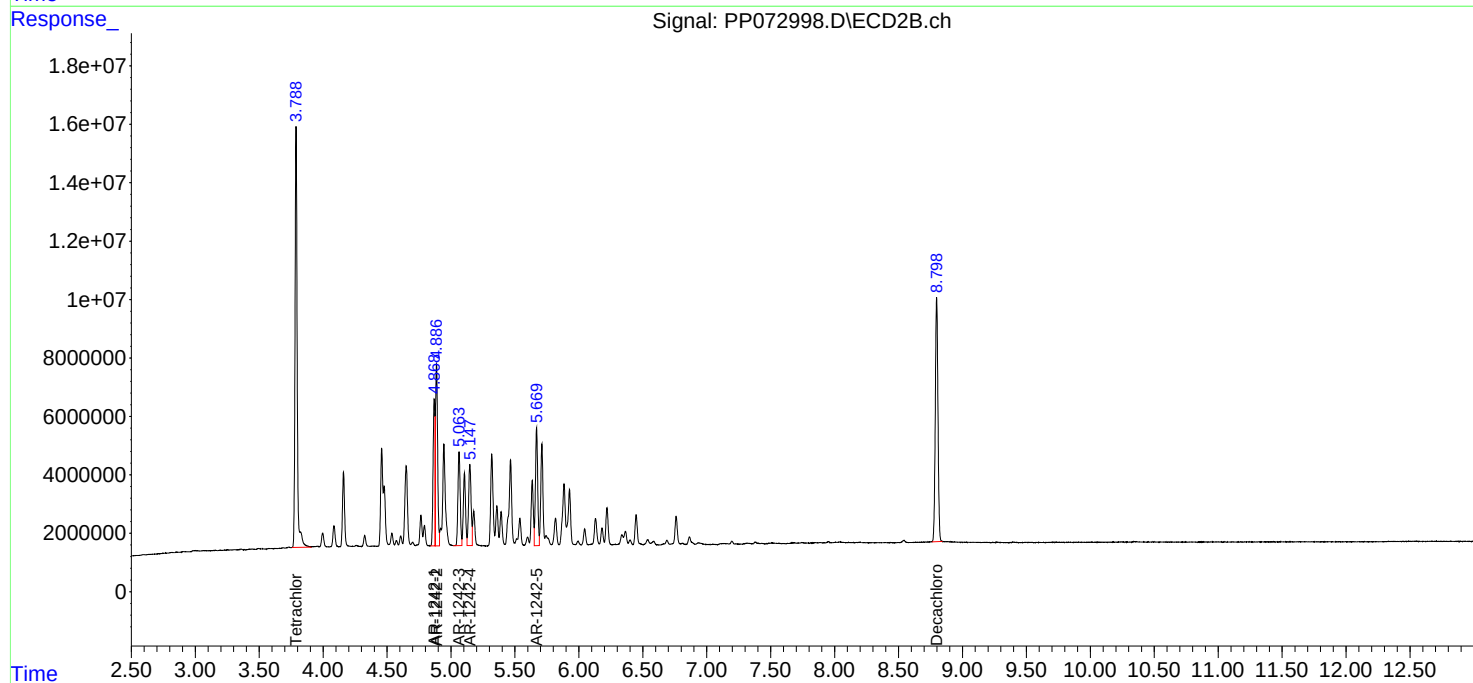
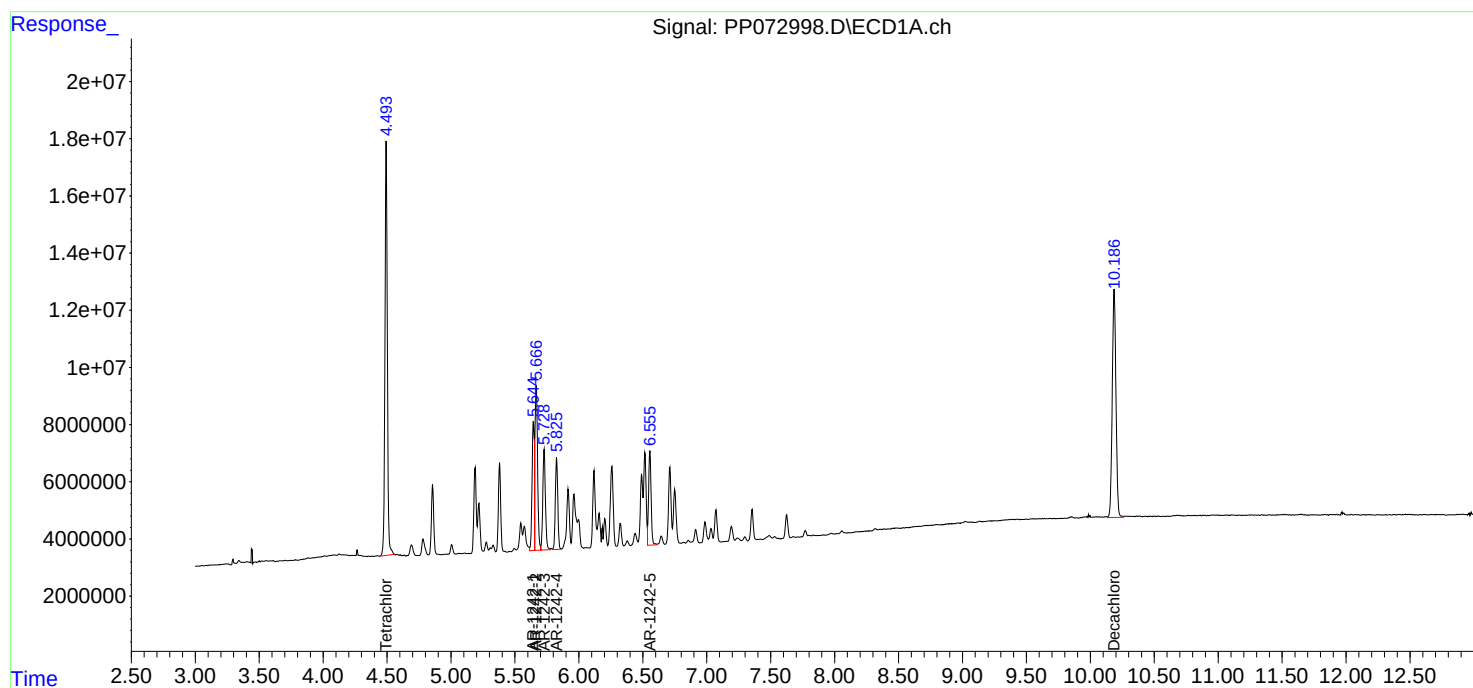
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP072998.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 14:27
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 15:22:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 15:20:05 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP072999.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 14:43
 Operator : YP\AJ
 Sample : AR1242ICC750
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 17 15:25:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 17 15:20:05 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.492	3.787	137.5E6	115.8E6	72.386	69.338
2) SA Decachlor...	10.185	8.798	122.1E6	91960552	73.762	74.308
Target Compounds						
16) L4 AR-1242-1	5.643	4.868	40884461	37162068	739.146	723.637
17) L4 AR-1242-2	5.665	4.886	59712300	53619733	717.531	716.248
18) L4 AR-1242-3	5.727	5.062	36335142	28712163	714.832	713.576
19) L4 AR-1242-4	5.824	5.146	31282678	27419249	731.645	712.390
20) L4 AR-1242-5	6.554	5.668	34479169	35192329	748.639	708.955

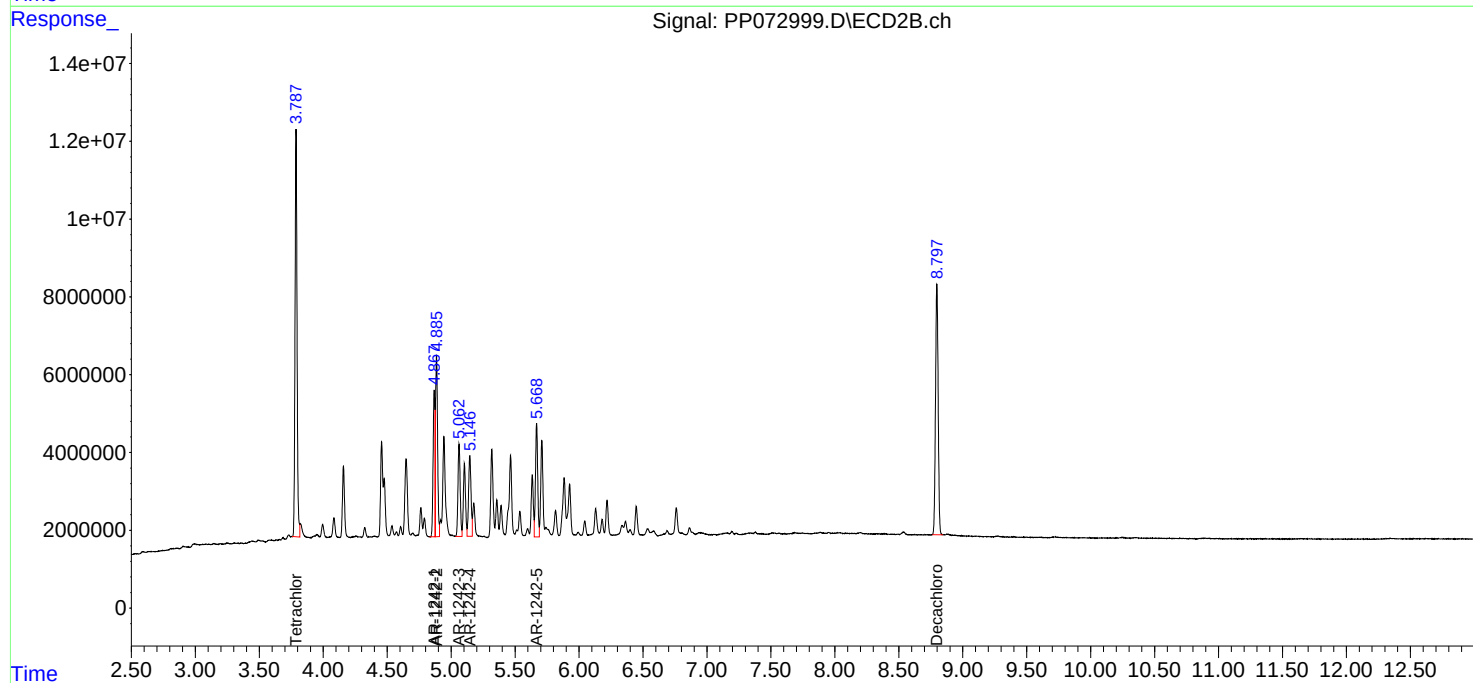
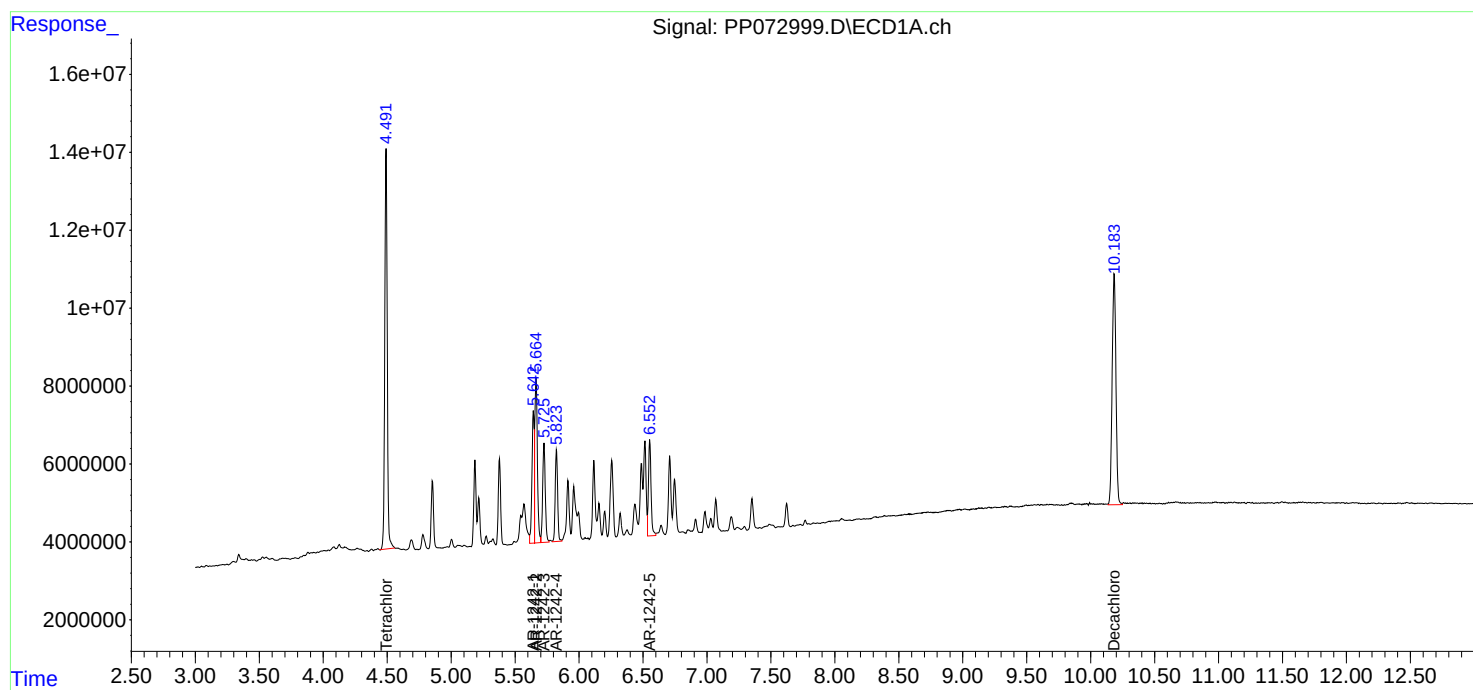
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP072999.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 14:43
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 15:25:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 15:20:05 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073000.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 15:00
 Operator : YP\AJ
 Sample : AR1242ICC500
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 17 15:20:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 17 15:20:05 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.493	3.786	98822739	89179312	50.000	50.000
2) SA Decachlor...	10.186	8.796	86267061	64056413	50.000	50.000
Target Compounds						
16) L4 AR-1242-1	5.644	4.867	28710827	27221721	500.000	500.000
17) L4 AR-1242-2	5.666	4.885	44054757	39734806	500.000	500.000
18) L4 AR-1242-3	5.728	5.062	26822656	21491069	500.000	500.000
19) L4 AR-1242-4	5.825	5.145	22159635	20593183	500.000	500.000
20) L4 AR-1242-5	6.555	5.668	23596012	26418771	500.000	500.000

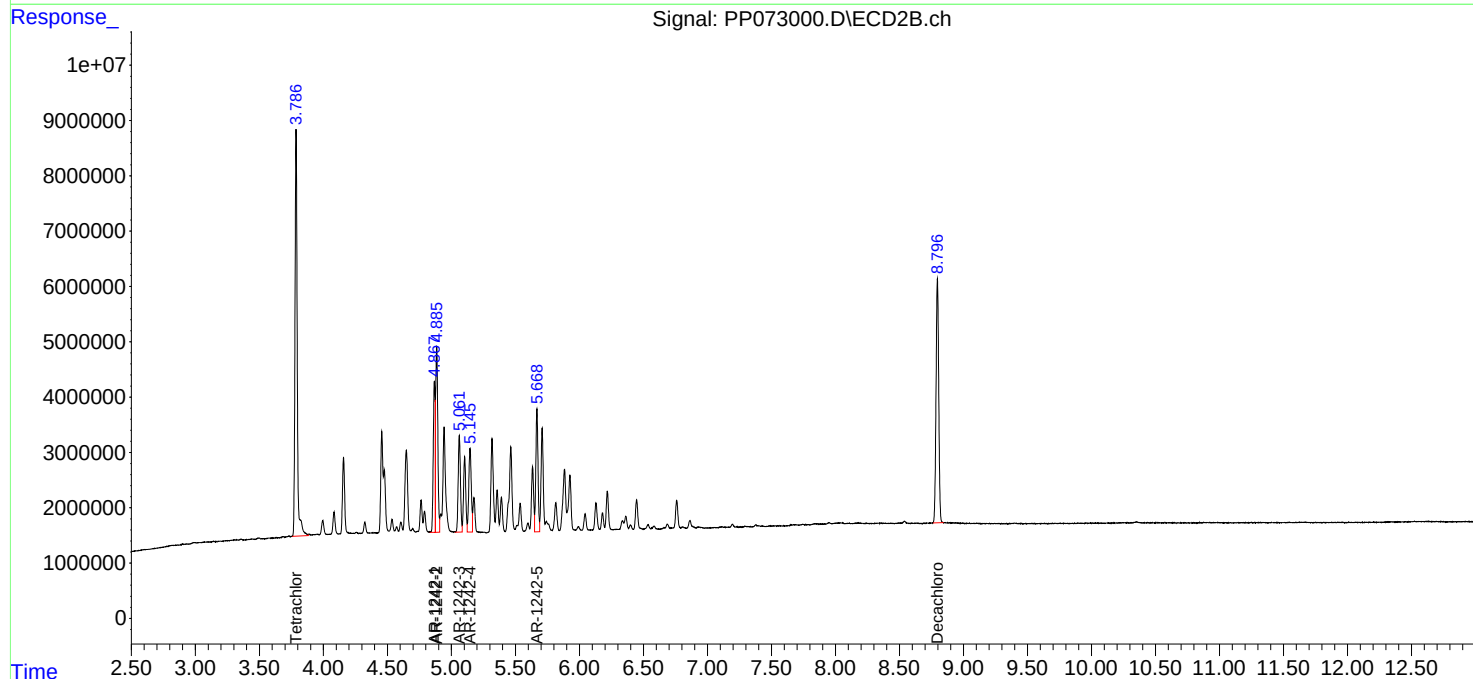
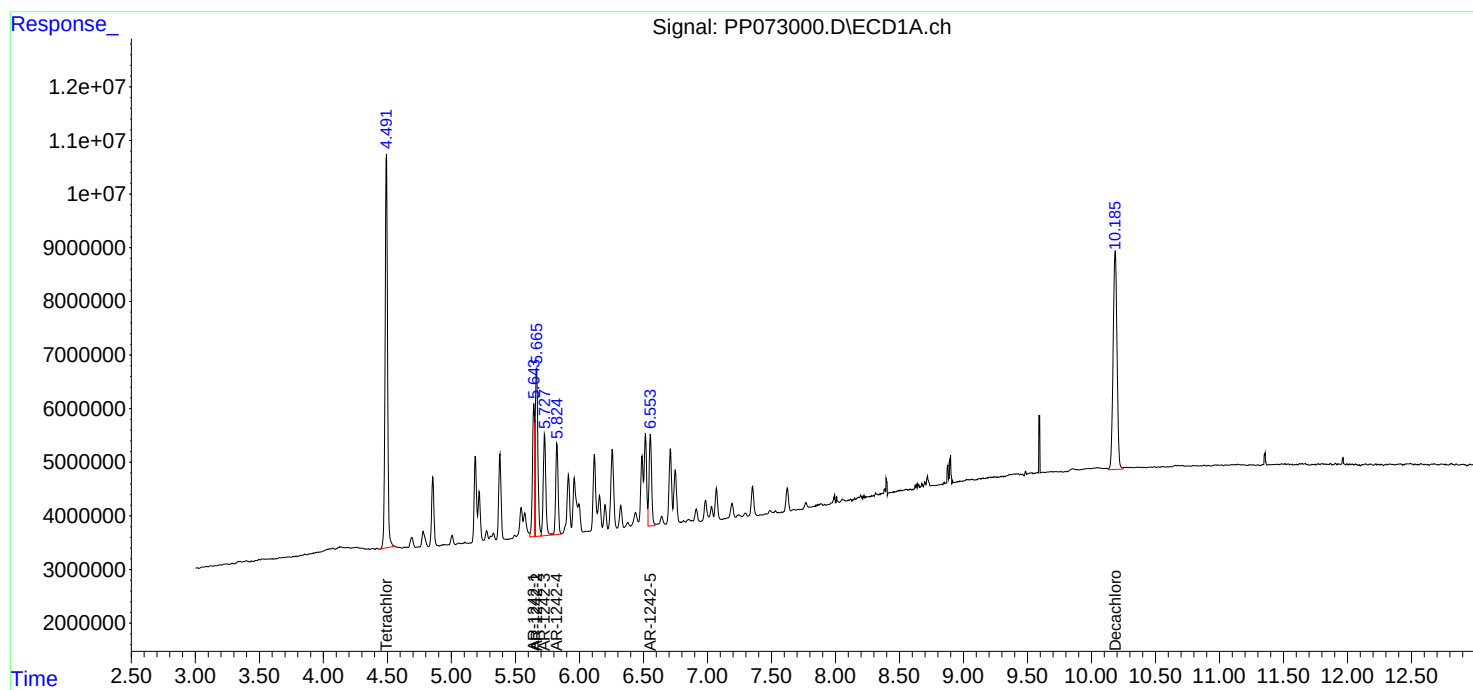
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073000.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 15:00
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 15:20:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 15:20:05 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073001.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 15:16
 Operator : YP\AJ
 Sample : AR1242ICC250
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 17 15:28:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 17 15:27:57 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.493	3.786	50602470	42343162	26.210	25.260
2) SA Decachlor...	10.185	8.797	45365178	33421386	26.763	26.475
Target Compounds						
16) L4 AR-1242-1	5.644	4.867	15072701	14803658	266.502	277.640
17) L4 AR-1242-2	5.667	4.885	24713110	21079475	283.643	272.958
18) L4 AR-1242-3	5.728	5.062	14361555	11677414	273.635	278.996
19) L4 AR-1242-4	5.826	5.146	11665027	11210114	266.736	279.715
20) L4 AR-1242-5	6.556	5.668	14197596	13876310	291.296	271.520

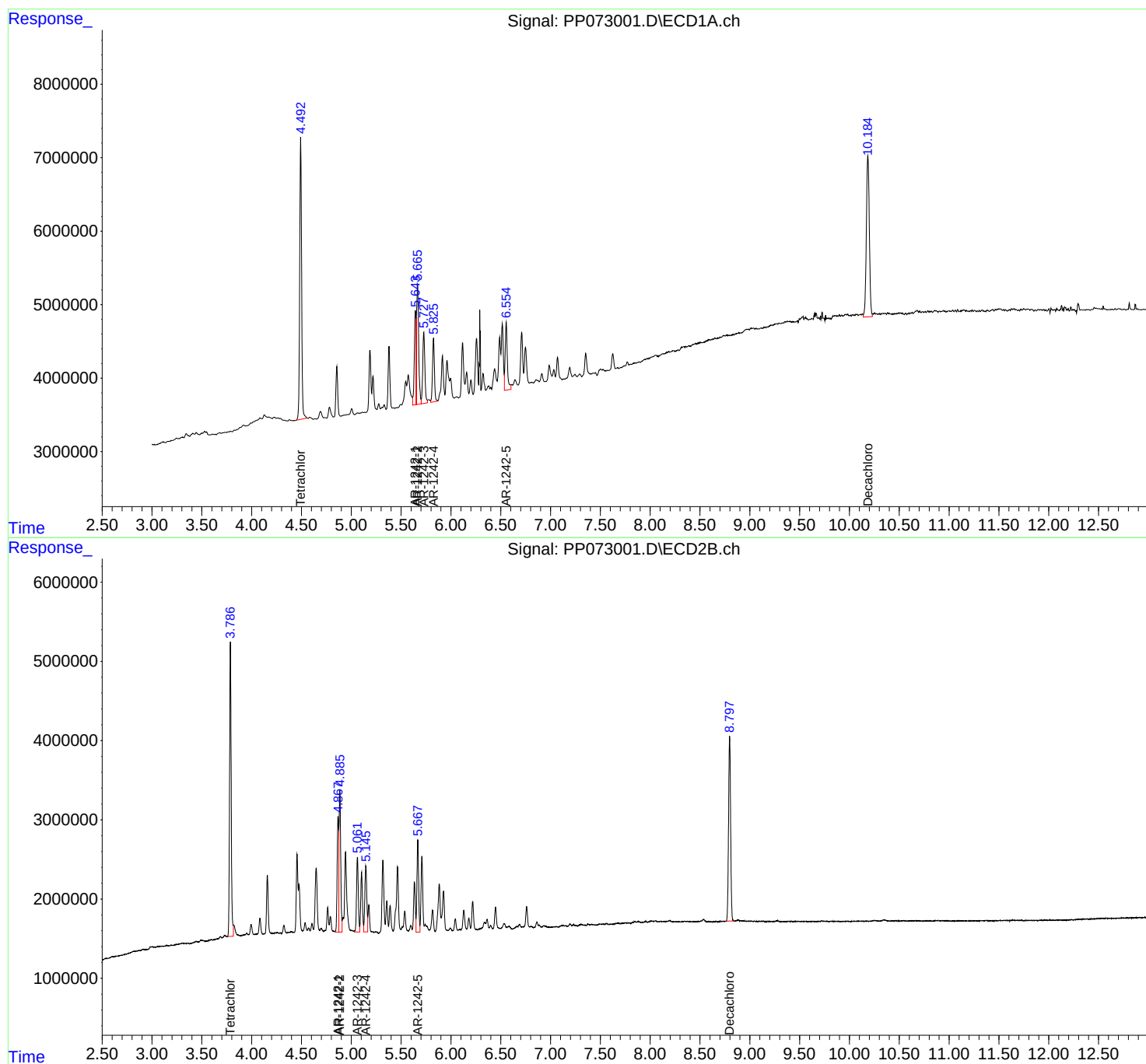
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073001.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 15:16
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 15:28:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 15:27:57 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073002.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 15:32
 Operator : YP\AJ
 Sample : AR1242ICC050
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/18/2025
 Supervised By :mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 17 15:44:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 17 15:44:31 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.492	3.787	10158096	8903340	5.207	5.246
2) SA Decachlor...	10.184	8.797	8050605	6707520	4.783m	5.248
Target Compounds						
16) L4 AR-1242-1	5.642	4.867	3297800	3140830	55.643m	57.157m
17) L4 AR-1242-2	5.665	4.885	4213097	4426414	48.947m	55.697m
18) L4 AR-1242-3	5.727	5.062	2680065	2455209	50.828m	56.668m
19) L4 AR-1242-4	5.824	5.145	2243054	2360571	50.666m	57.457m
20) L4 AR-1242-5	6.553	5.668	2642030	2925407	52.888m	55.630

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073002.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 15:32
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

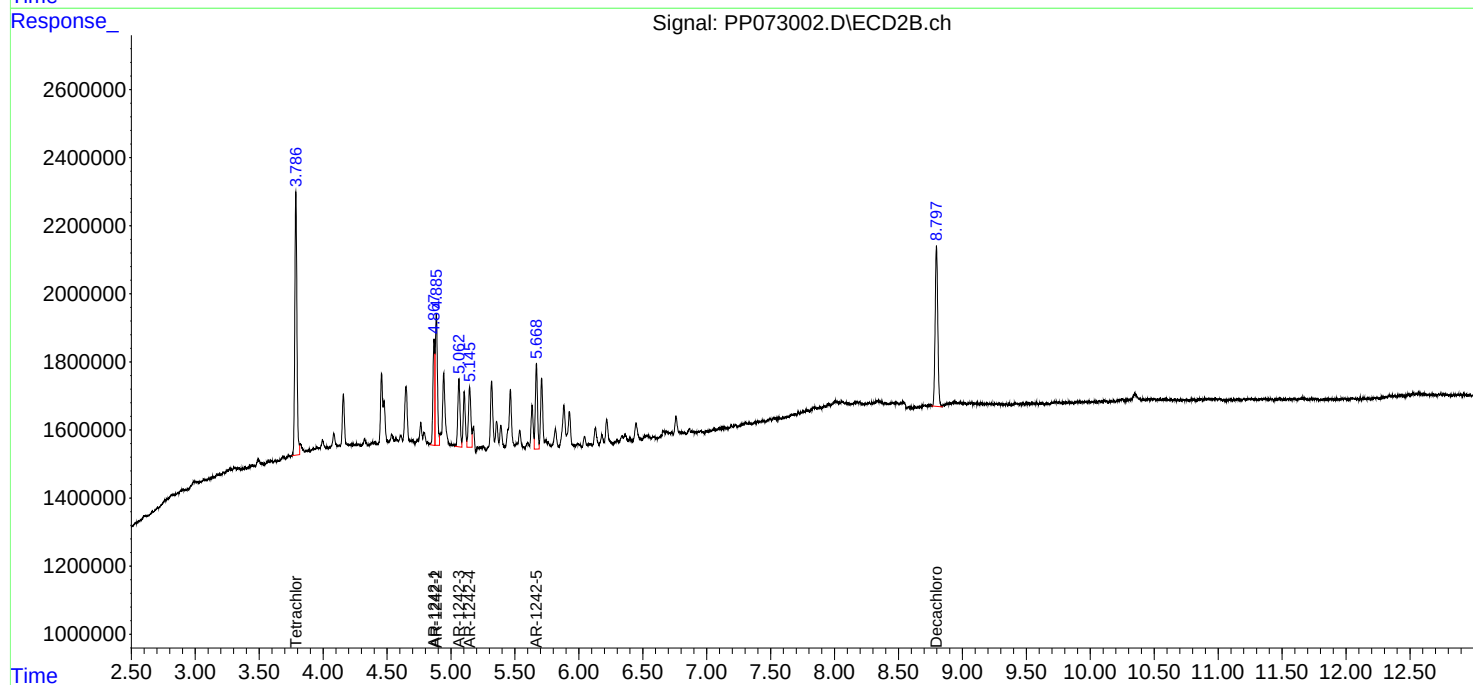
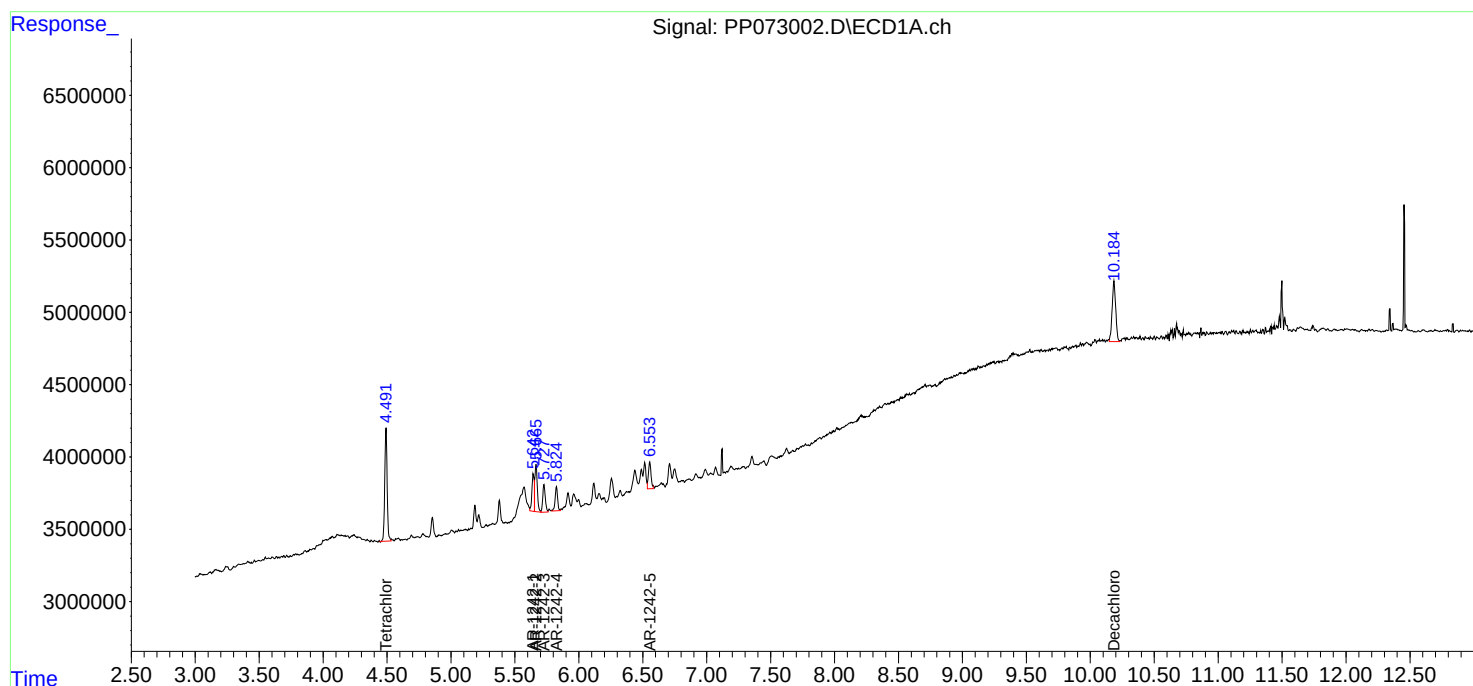
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/18/2025
Supervised By :mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 15:44:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 15:44:31 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073003.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 15:49
 Operator : YP\AJ
 Sample : AR1248ICC1000
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 02:56:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 02:53:43 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.492	3.787	188.5E6	170.8E6	99.007	107.065
2) SA Decachlor...	10.185	8.798	162.0E6	122.7E6	94.922	94.817
Target Compounds						
21) L5 AR-1248-1	5.644	4.867	41858490	39929038	912.695	998.158
22) L5 AR-1248-2	5.915	5.104	55380415	53044396	995.737	995.128
23) L5 AR-1248-3	6.118	5.146	63266998	55822275	1008.438	1018.879
24) L5 AR-1248-4	6.517	5.318	77728954	64712793	937.669	1031.281
25) L5 AR-1248-5	6.555	5.709	75041779	65436447	925.638	953.390

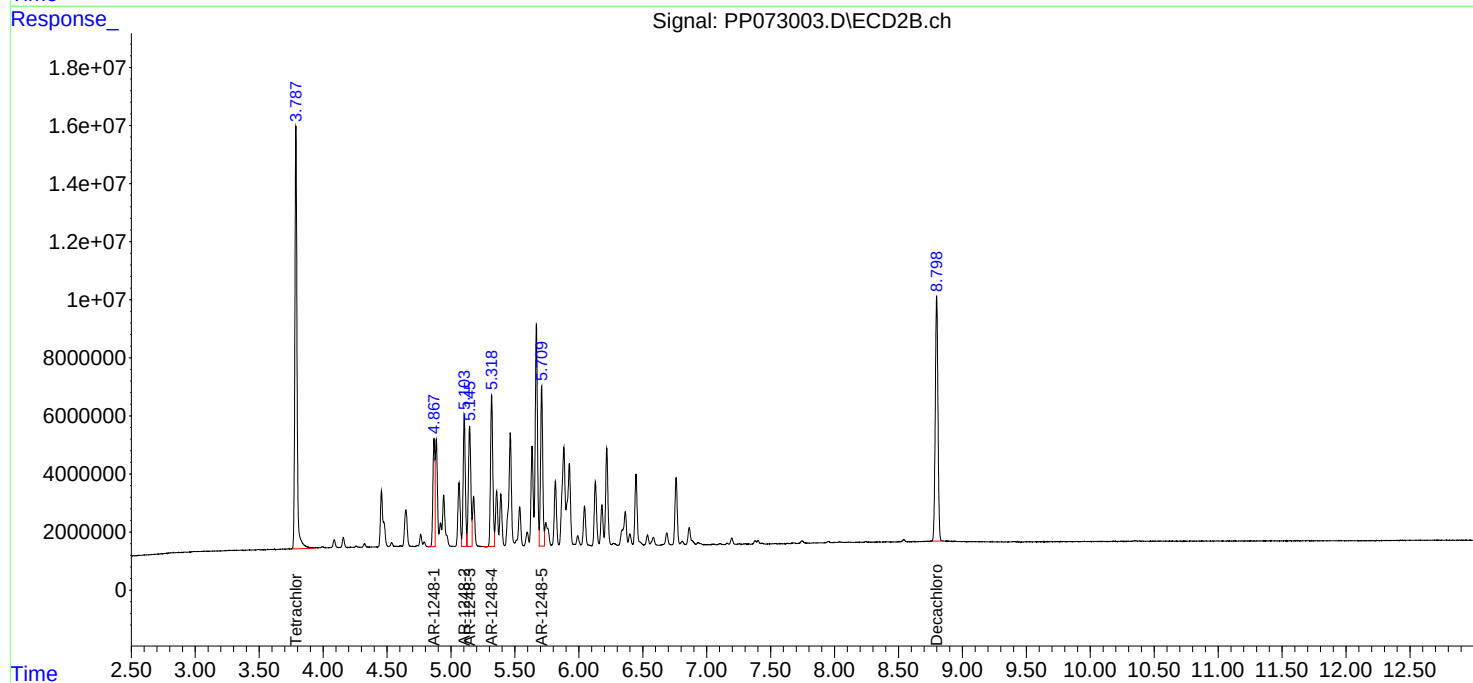
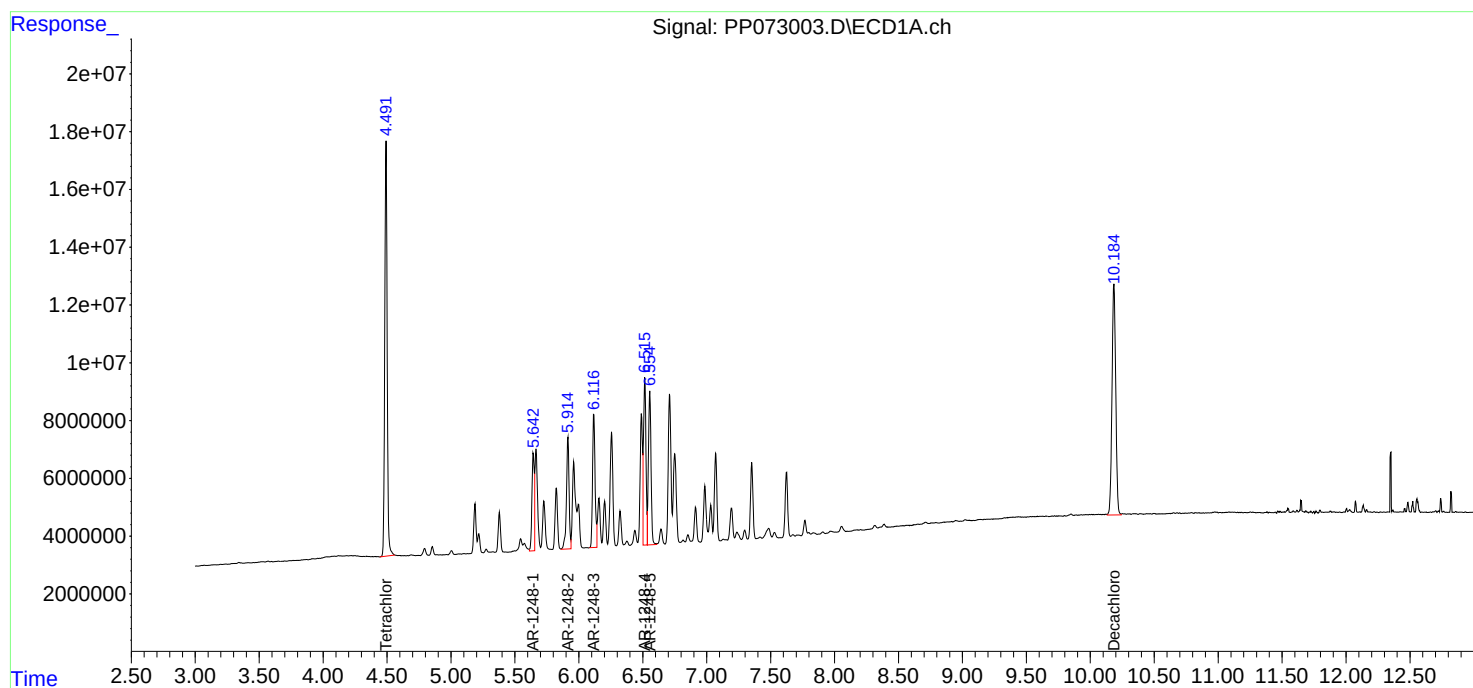
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073003.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 15:49
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 02:56:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 02:53:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073004.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 16:21
 Operator : YP\AJ
 Sample : AR1248ICC750
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 02:57:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 02:53:43 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.493	3.787	147.1E6	133.1E6	77.234	83.465
2) SA Decachlor...	10.185	8.797	126.7E6	93822390	74.227	72.502
Target Compounds						
21) L5 AR-1248-1	5.644	4.867	33128048	31740470	722.334	793.458
22) L5 AR-1248-2	5.915	5.103	43516657	43058093	782.427	807.782
23) L5 AR-1248-3	6.118	5.145	49679943	44888866	791.868	819.321
24) L5 AR-1248-4	6.517	5.317	61511347	51856959	742.030	826.407
25) L5 AR-1248-5	6.556	5.709	58600731	51610159	722.838	751.945

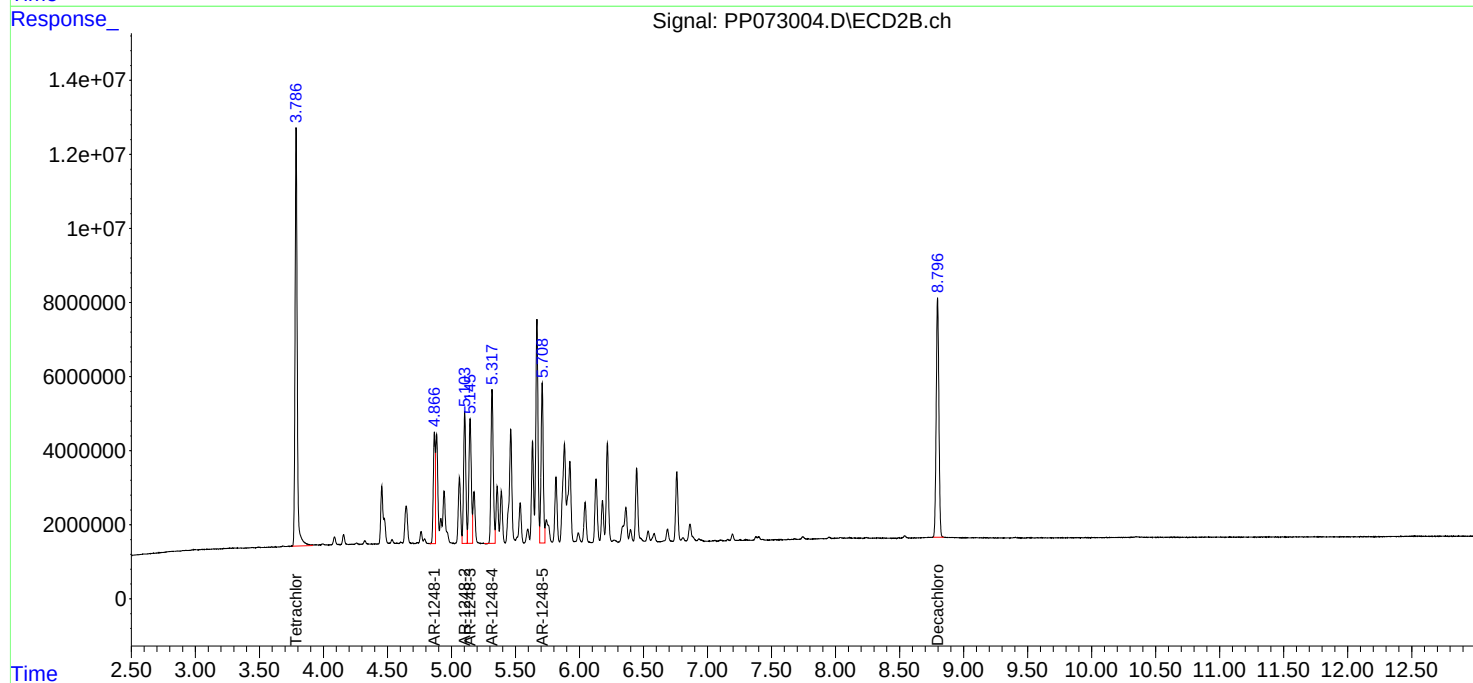
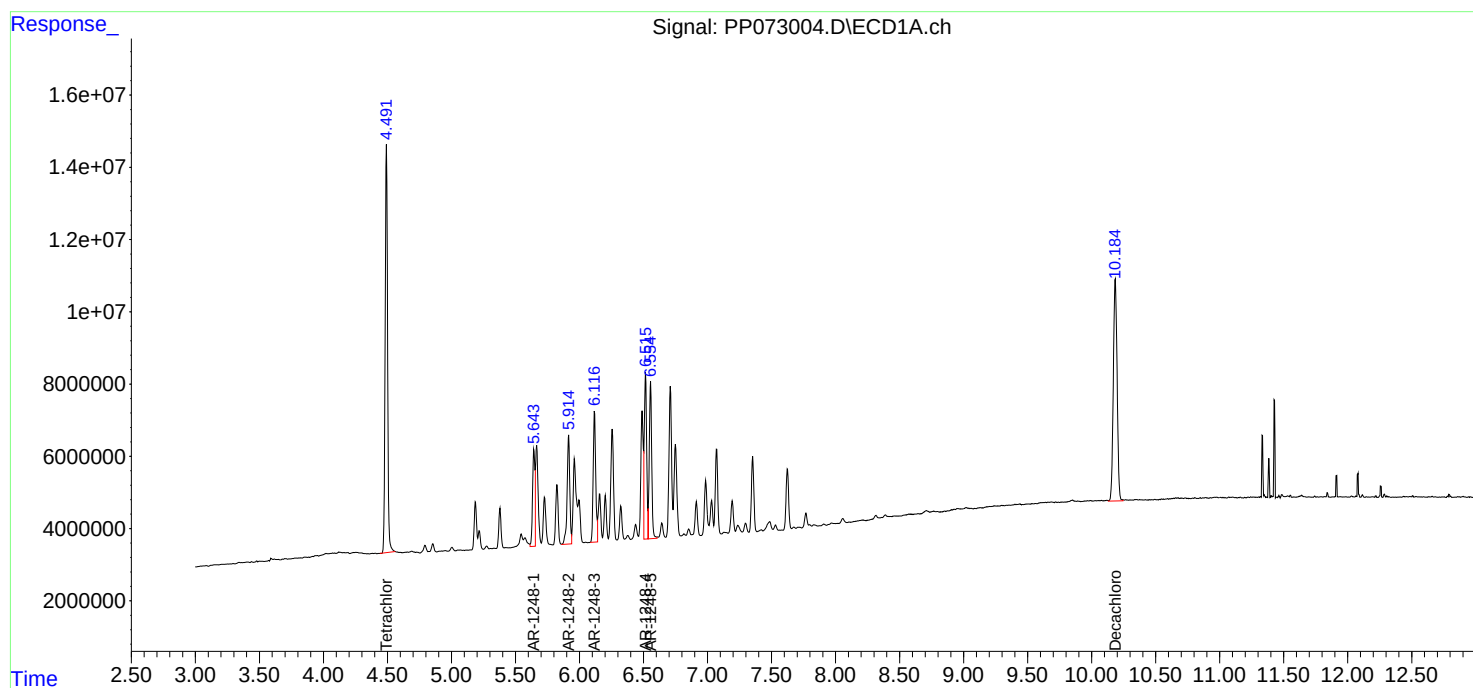
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073004.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 16:21
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 02:57:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 02:53:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073005.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 16:37
 Operator : YP\AJ
 Sample : AR1248ICC500
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 02:57:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 02:53:43 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.493	3.787	95206063	79758610	50.000	50.000
2) SA Decachlor...	10.188	8.797	85355694	64703044	50.000	50.000
Target Compounds						
21) L5 AR-1248-1	5.645	4.867	22931260	20001359	500.000	500.000
22) L5 AR-1248-2	5.917	5.104	27808762	26652048	500.000	500.000
23) L5 AR-1248-3	6.118	5.146	31368812	27393954	500.000	500.000
24) L5 AR-1248-4	6.517	5.318	41447992	31374950	500.000	500.000
25) L5 AR-1248-5	6.556	5.709	40535174	34317758	500.000	500.000

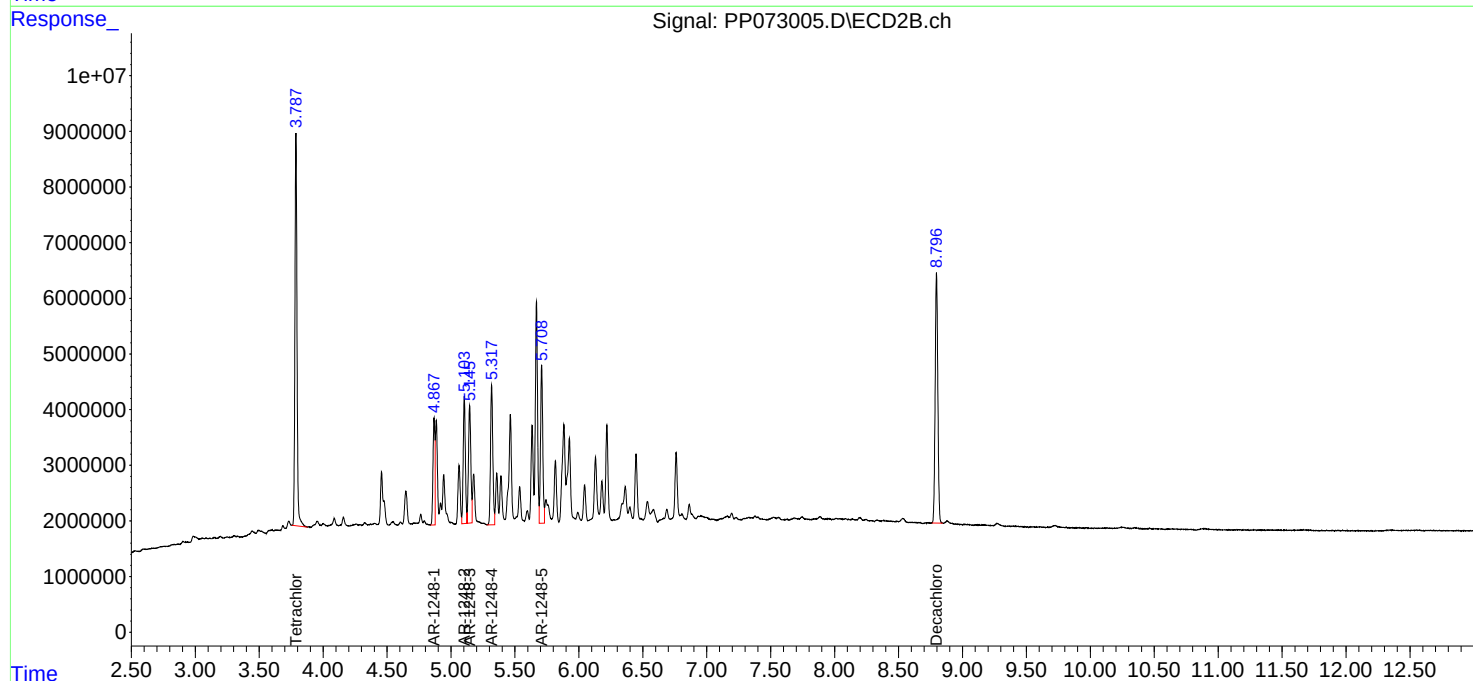
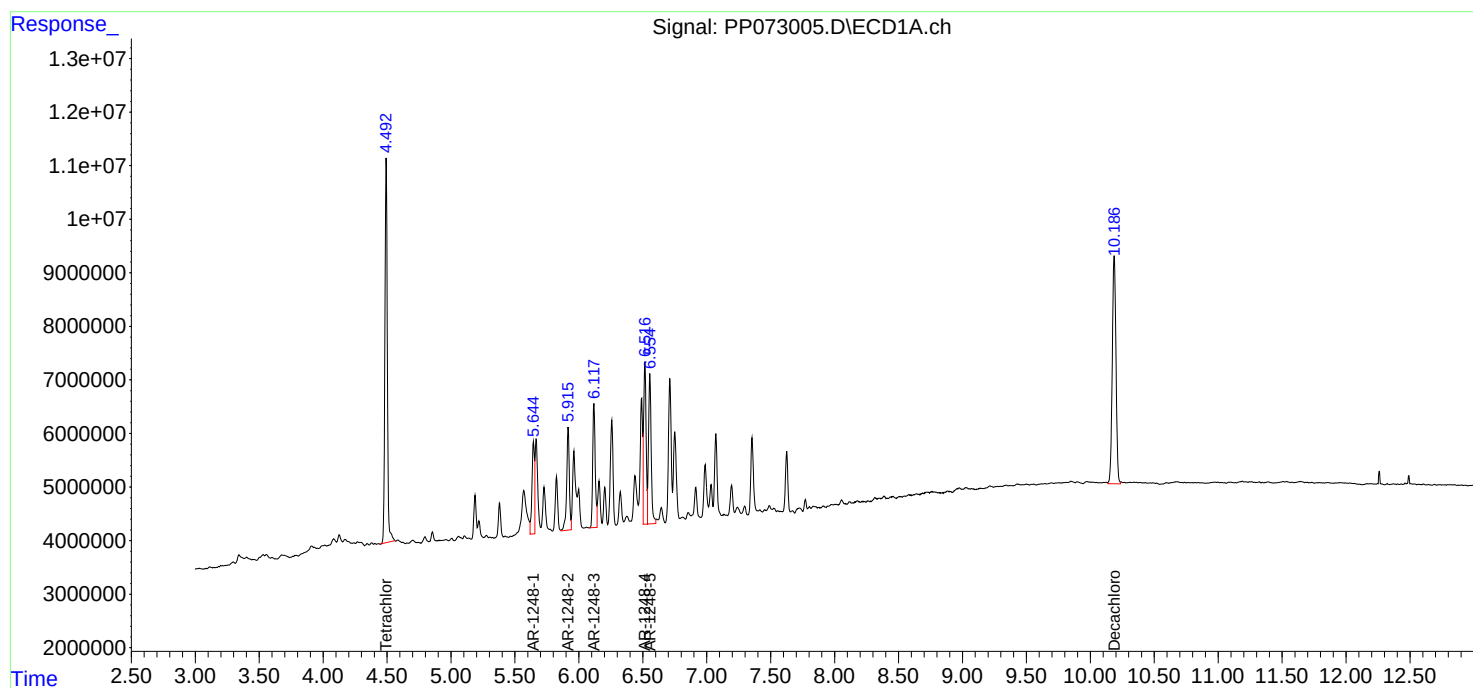
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 16:37
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 02:57:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 02:53:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073006.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 16:54
 Operator : YP\AJ
 Sample : AR1248ICC250
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 02:57:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 02:53:43 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.493	3.787	49010001	43560408	25.739	27.308
2) SA Decachlor...	10.185	8.797	44305276	33734094	25.953	26.068
Target Compounds						
21) L5 AR-1248-1	5.644	4.867	12260388	11320609	267.329	282.996
22) L5 AR-1248-2	5.915	5.104	14760258	15120777	265.389	283.670
23) L5 AR-1248-3	6.117	5.146	16689630	15708657	266.023	286.718
24) L5 AR-1248-4	6.517	5.318	21509137	18174556	259.471	289.635
25) L5 AR-1248-5	6.555	5.709	20636086	18114944	254.545	263.930

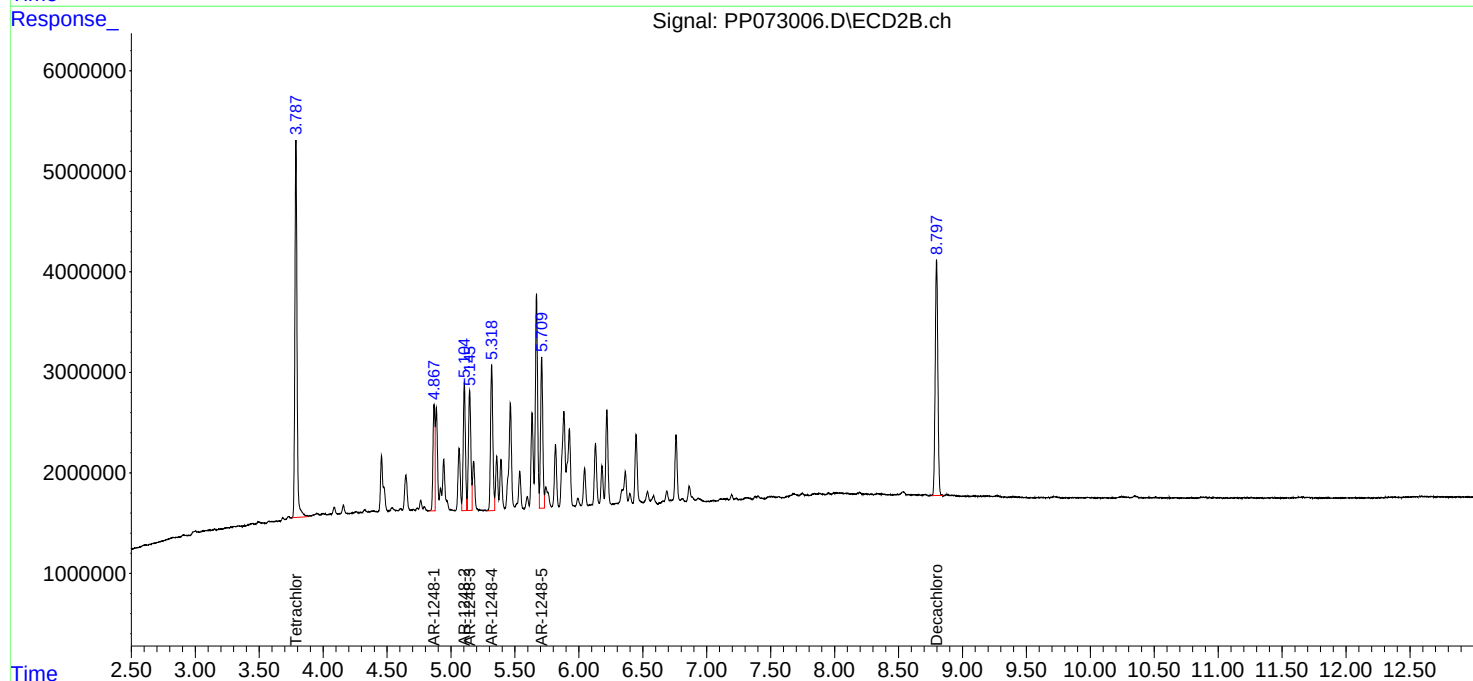
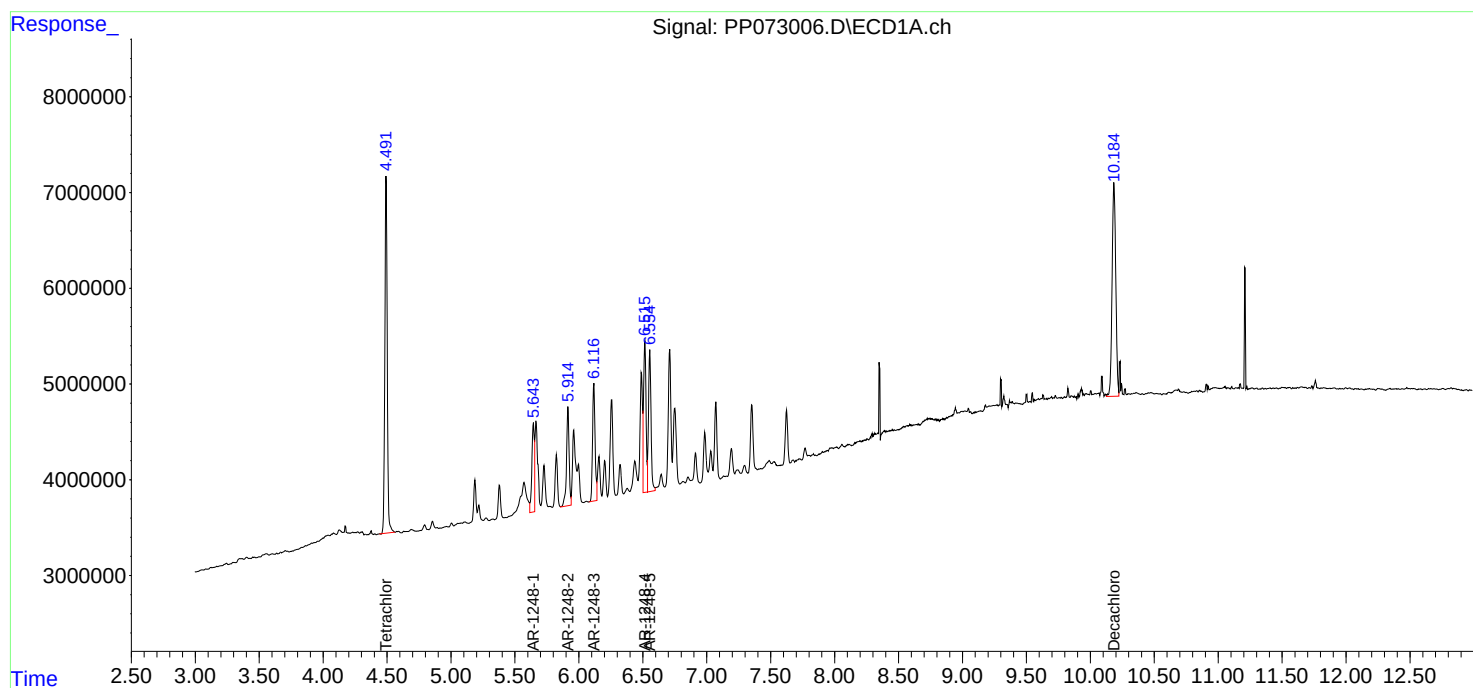
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073006.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 16:54
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 02:57:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 02:53:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073007.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 17:10
 Operator : YP\AJ
 Sample : AR1248ICC050
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 02:57:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 02:53:43 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.491	3.787	10222885	9191697	5.369	5.762
2) SA Decachlor...	10.183	8.797	9936703	7175402	5.821	5.545
Target Compounds						
21) L5 AR-1248-1	5.642	4.868	2845447	2520855	62.043	63.017
22) L5 AR-1248-2	5.913	5.104	3234683	3436782	58.159	64.475
23) L5 AR-1248-3	6.115	5.145	3362170	3471211	53.591	63.357
24) L5 AR-1248-4	6.515	5.318	4832294	4040439	58.293	64.390
25) L5 AR-1248-5	6.554	5.710	5083753	3990709	62.708	58.143

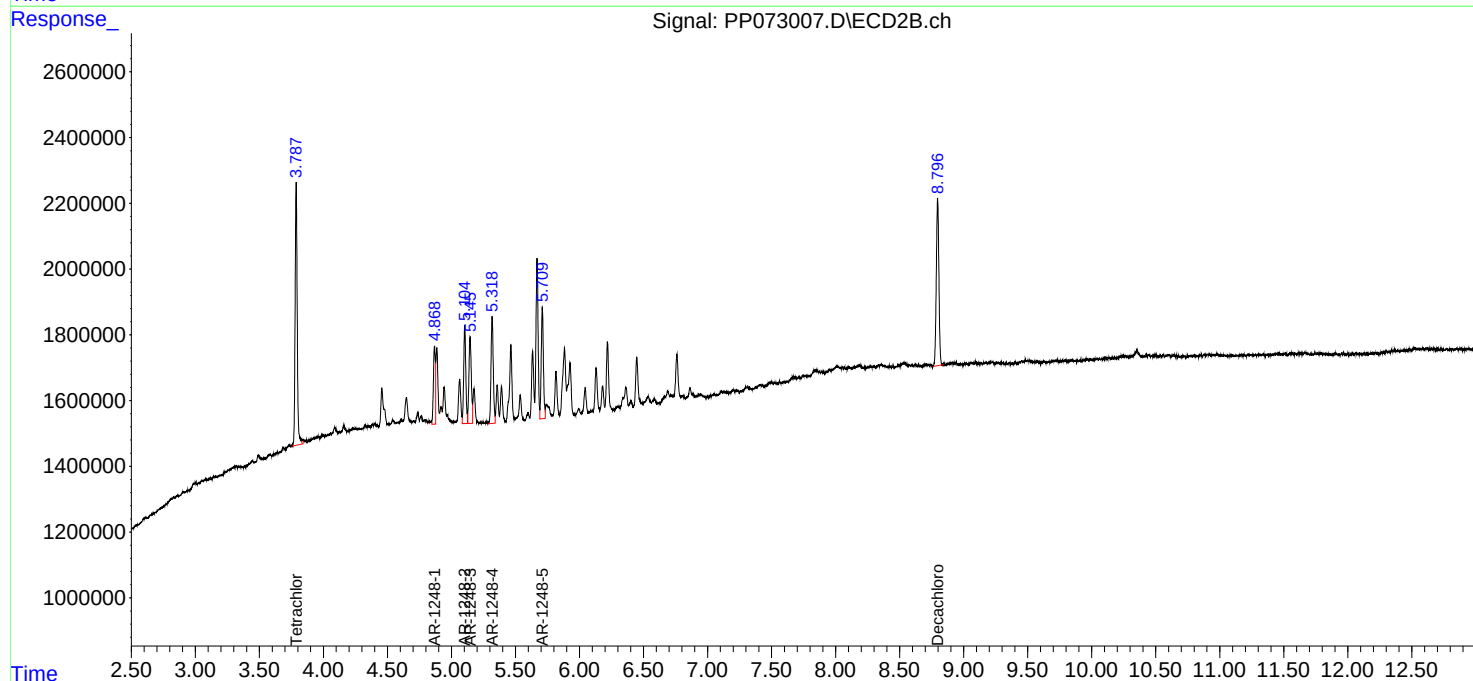
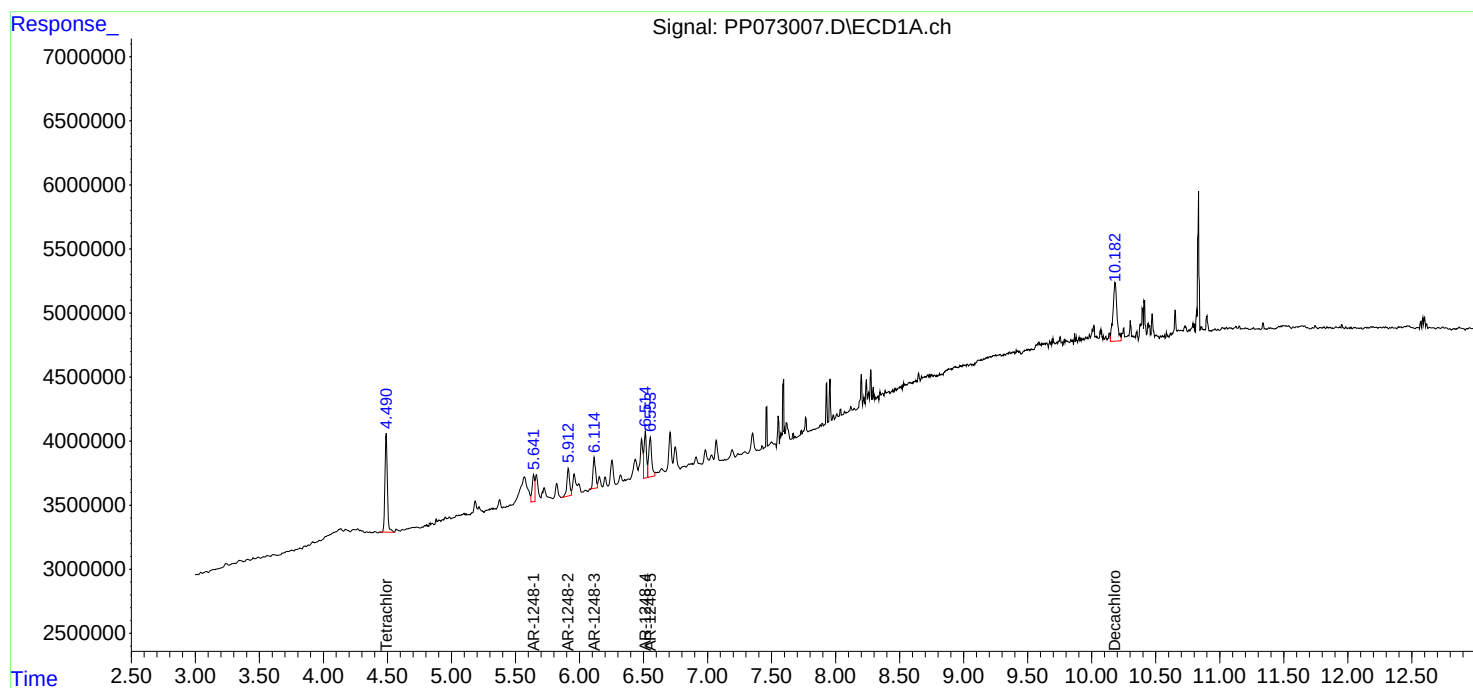
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073007.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 17:10
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 02:57:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 02:53:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073008.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 17:26
 Operator : YP\AJ
 Sample : AR1254ICC1000
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 03:15:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 03:13:00 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.494	3.787	187.3E6	167.0E6	92.728	90.941
2)	SA Decachlor...	10.186	8.797	164.8E6	123.4E6	92.823	91.141
Target Compounds							
26)	L6 AR-1254-1	6.494	5.668	73763285	94131500	902.225	868.707
27)	L6 AR-1254-2	6.709	5.816	111.5E6	80645865	903.481	870.936
28)	L6 AR-1254-3	7.073	6.219	119.2E6	128.8E6	914.627	874.144
29)	L6 AR-1254-4	7.354	6.447	108.8E6	83562949	922.068	864.363
30)	L6 AR-1254-5	7.770	6.863	106.9E6	116.4E6	921.967	898.346

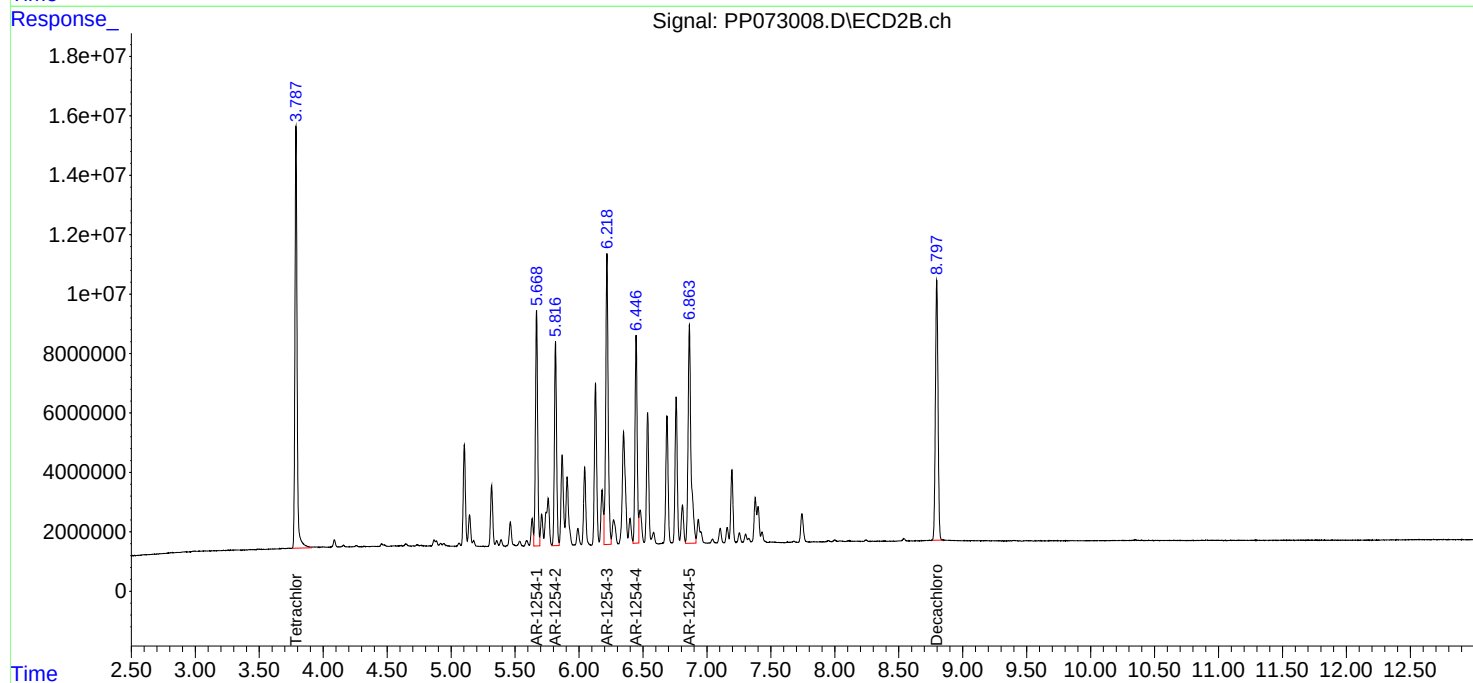
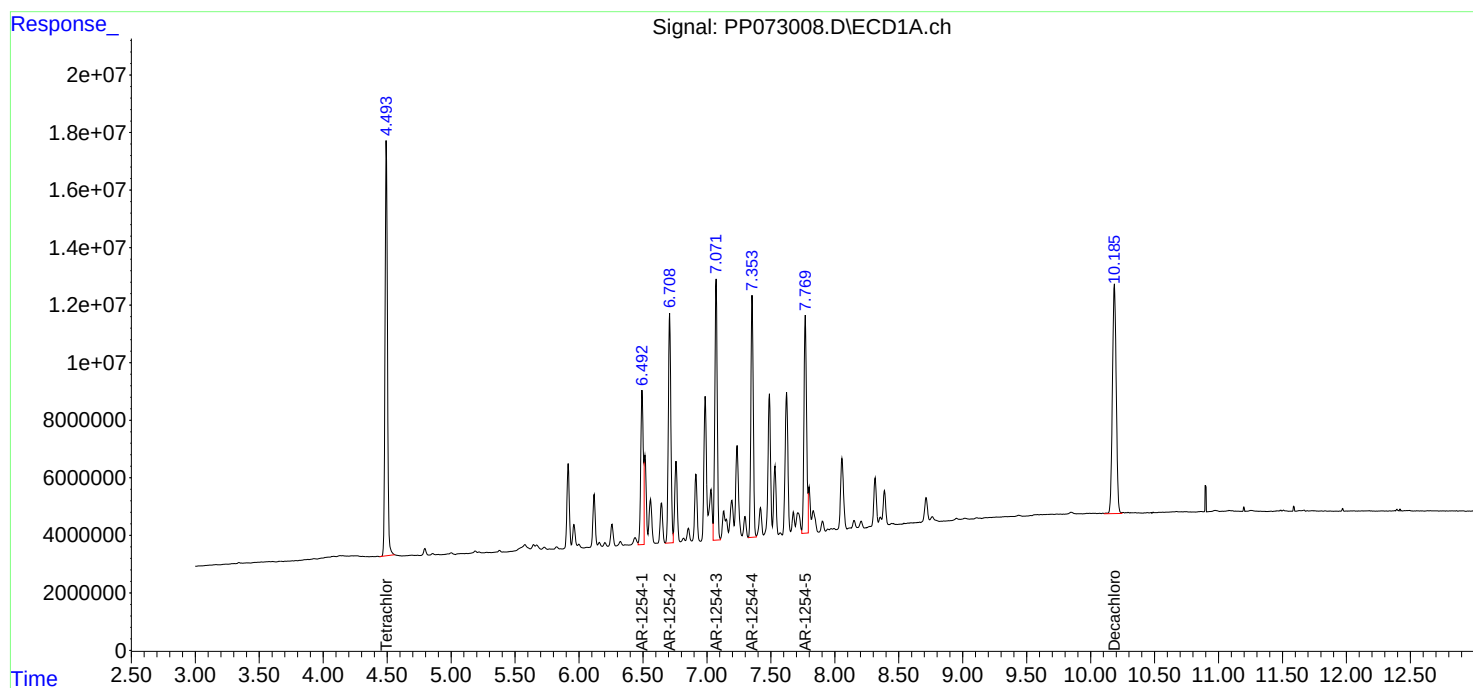
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073008.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 17:26
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 03:15:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 03:13:00 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073009.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 17:43
 Operator : YP\AJ
 Sample : AR1254ICC750
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 03:15:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 03:13:00 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.493	3.788	147.0E6	133.2E6	72.797	72.507
2) SA Decachlor...	10.186	8.798	130.4E6	98577782	73.465	72.787
Target Compounds						
26) L6 AR-1254-1	6.492	5.669	59164082	76776825	723.657	708.546
27) L6 AR-1254-2	6.708	5.817	89005755	66022871	721.525	713.015
28) L6 AR-1254-3	7.071	6.219	94714243	103.6E6	726.528	703.473
29) L6 AR-1254-4	7.353	6.447	85886505	67701556	728.182	700.295
30) L6 AR-1254-5	7.769	6.864	84191148	92140983	725.836	710.972

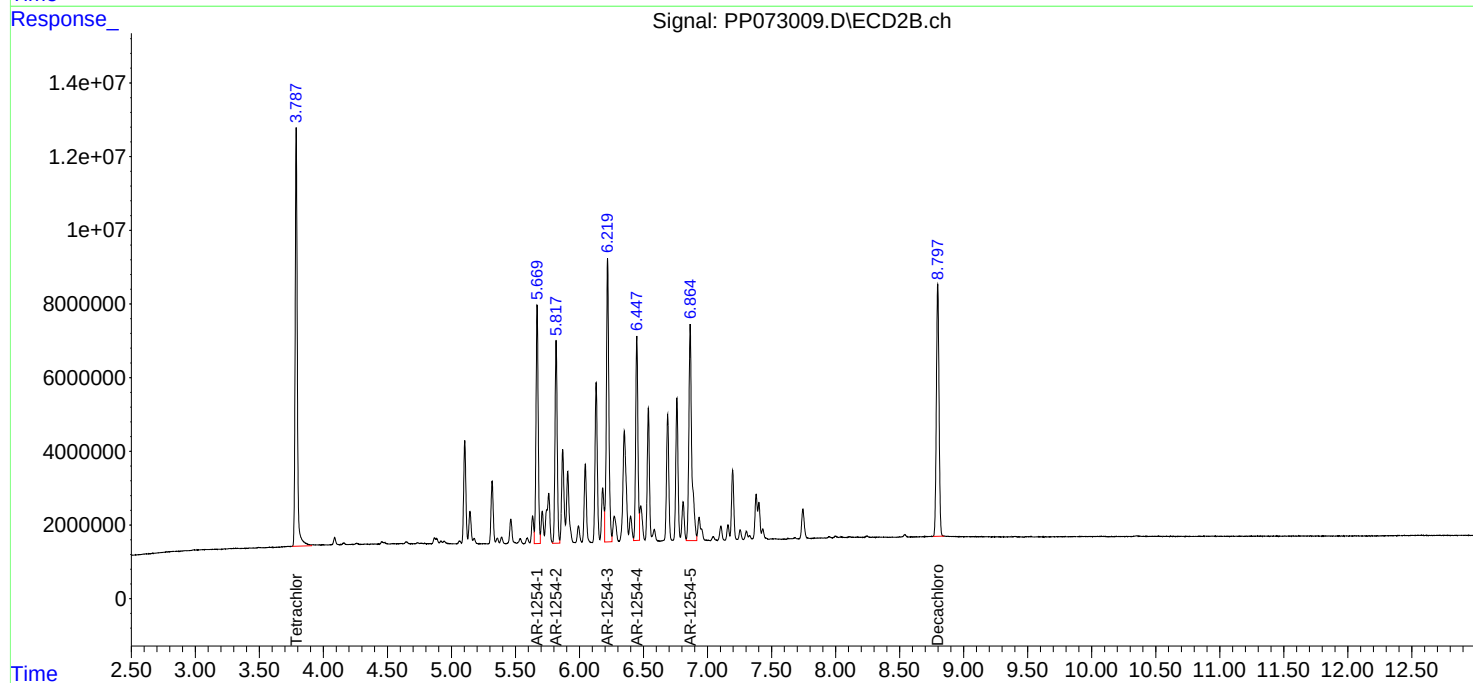
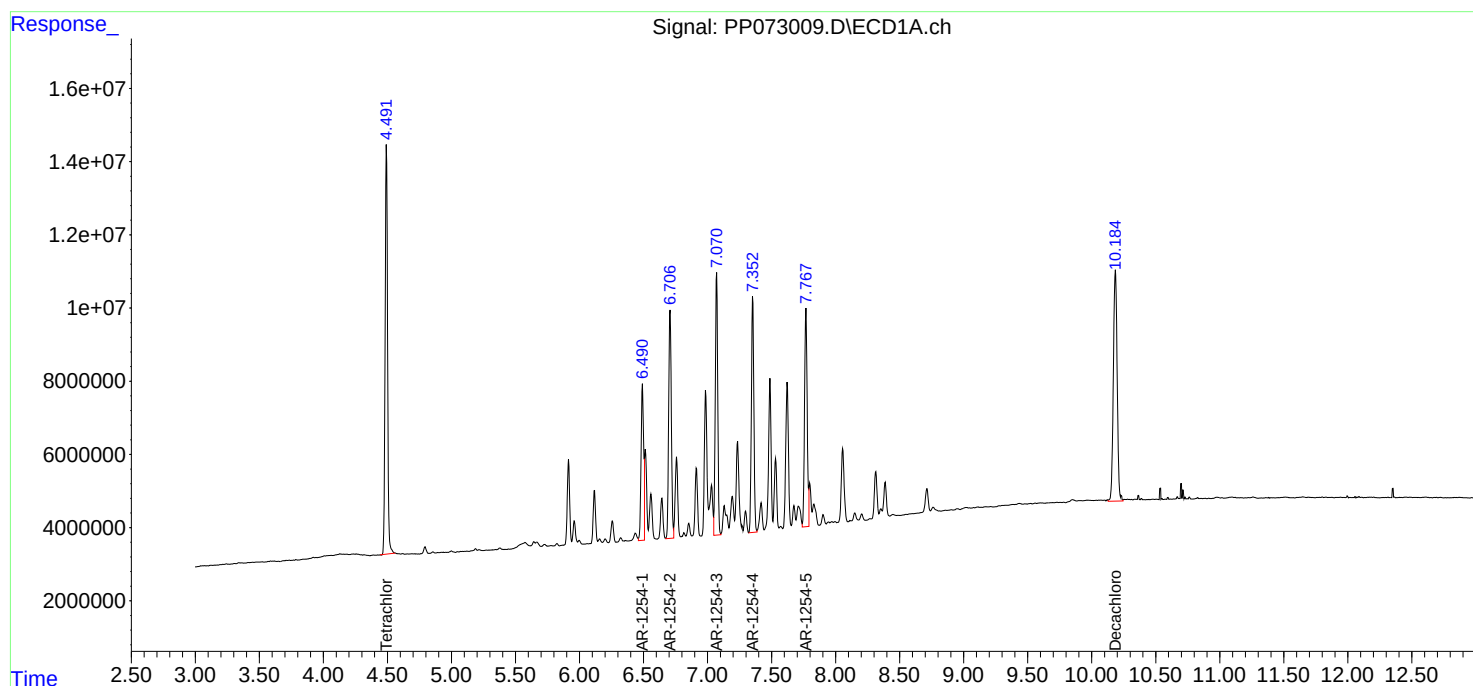
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073009.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 17:43
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 03:15:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 03:13:00 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073010.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 17:59
 Operator : YP\AJ
 Sample : AR1254ICC500
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 03:15:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 03:13:00 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.491	3.788	101.0E6	91819616	50.000	50.000
2) SA Decachlor...	10.185	8.797	88782801	67716400	50.000	50.000
Target Compounds						
26) L6 AR-1254-1	6.491	5.669	40878552	54179115	500.000	500.000
27) L6 AR-1254-2	6.707	5.817	61678914	46298378	500.000	500.000
28) L6 AR-1254-3	7.070	6.219	65182776	73658552	500.000	500.000
29) L6 AR-1254-4	7.352	6.447	58973271	48337854	500.000	500.000
30) L6 AR-1254-5	7.768	6.864	57995955	64799321	500.000	500.000

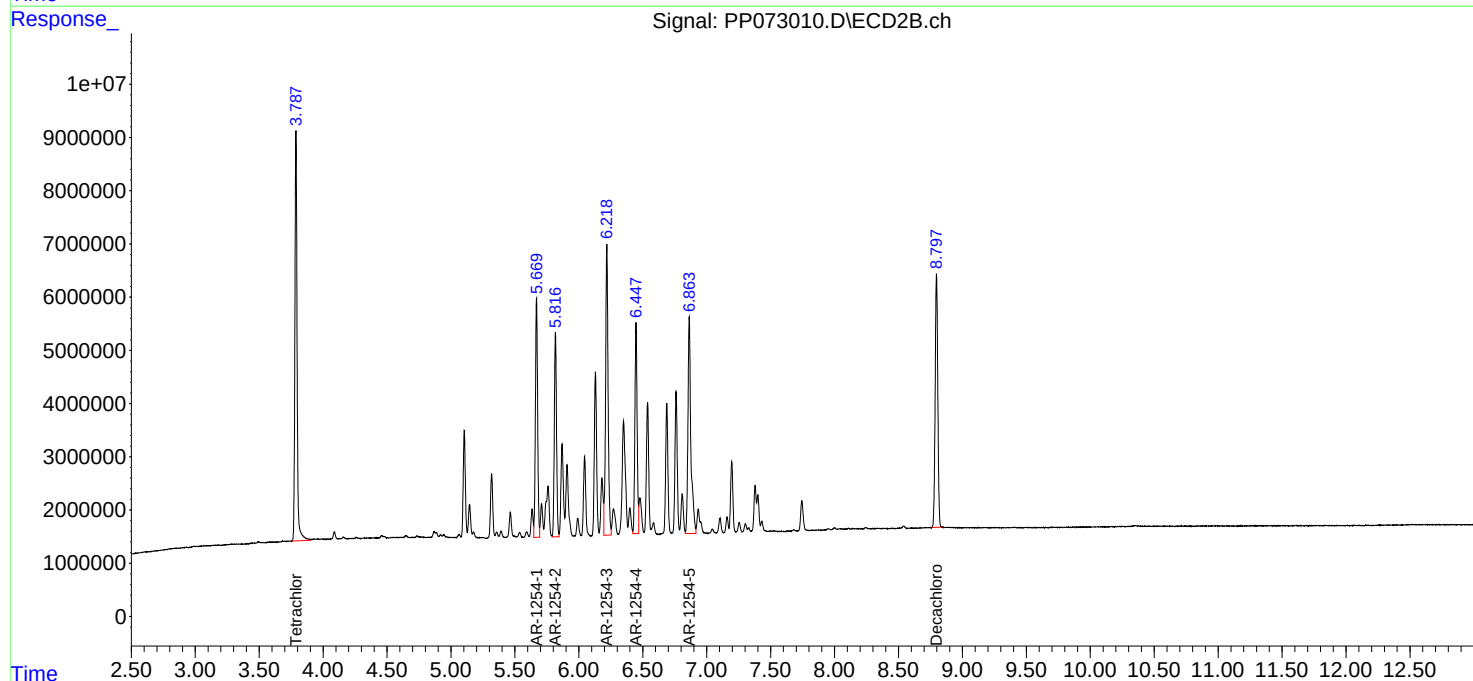
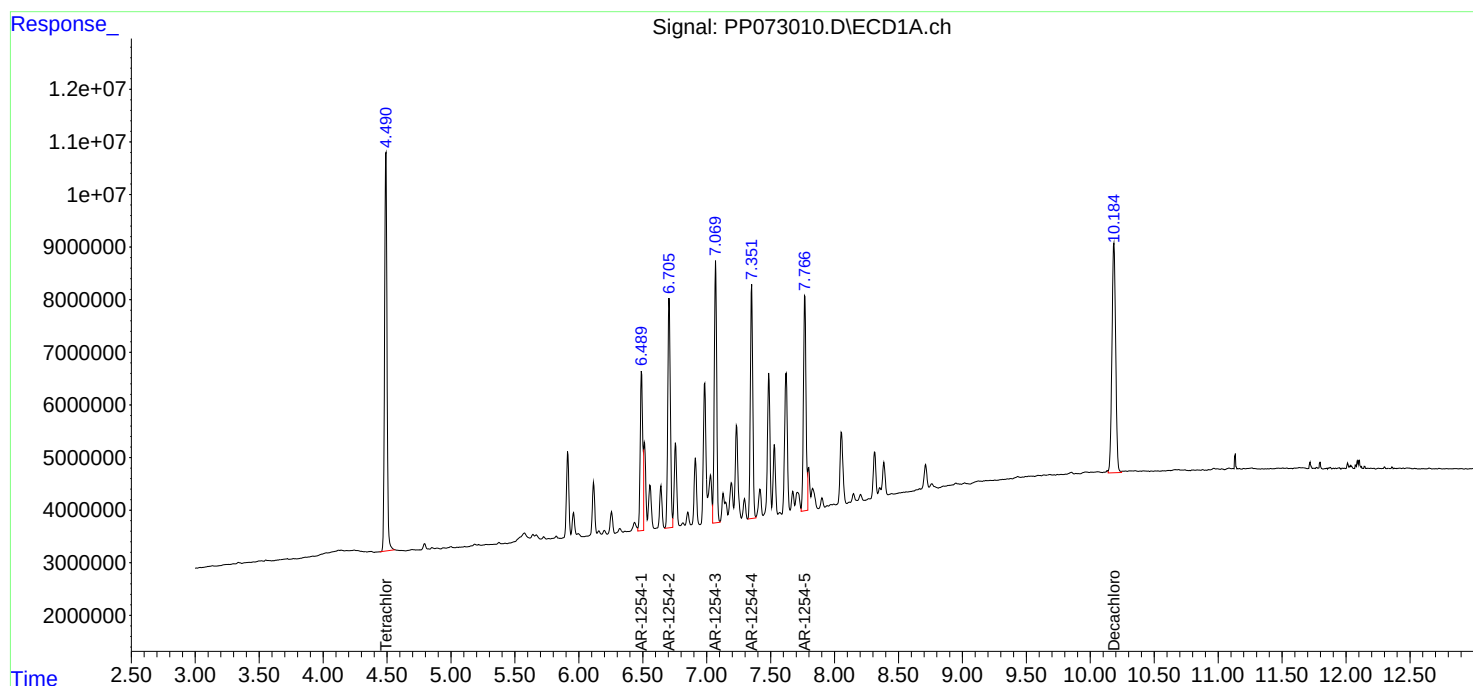
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073010.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 17:59
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 03:15:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 03:13:00 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073011.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 18:15
 Operator : YP\AJ
 Sample : AR1254ICC250
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 03:15:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 03:13:00 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.494	3.787	53995626	48425502	26.736	26.370
2) SA Decachlor...	10.187	8.798	48386774	35966629	27.250	26.557
Target Compounds						
26) L6 AR-1254-1	6.494	5.669	22222846	30120932	271.815	277.975
27) L6 AR-1254-2	6.710	5.817	33405246	25933264	270.800	280.067
28) L6 AR-1254-3	7.074	6.220	35283260	40281223	270.649	273.432
29) L6 AR-1254-4	7.356	6.448	32025282	26724209	271.524	276.431
30) L6 AR-1254-5	7.772	6.865	30977378	35516842	267.065	274.053

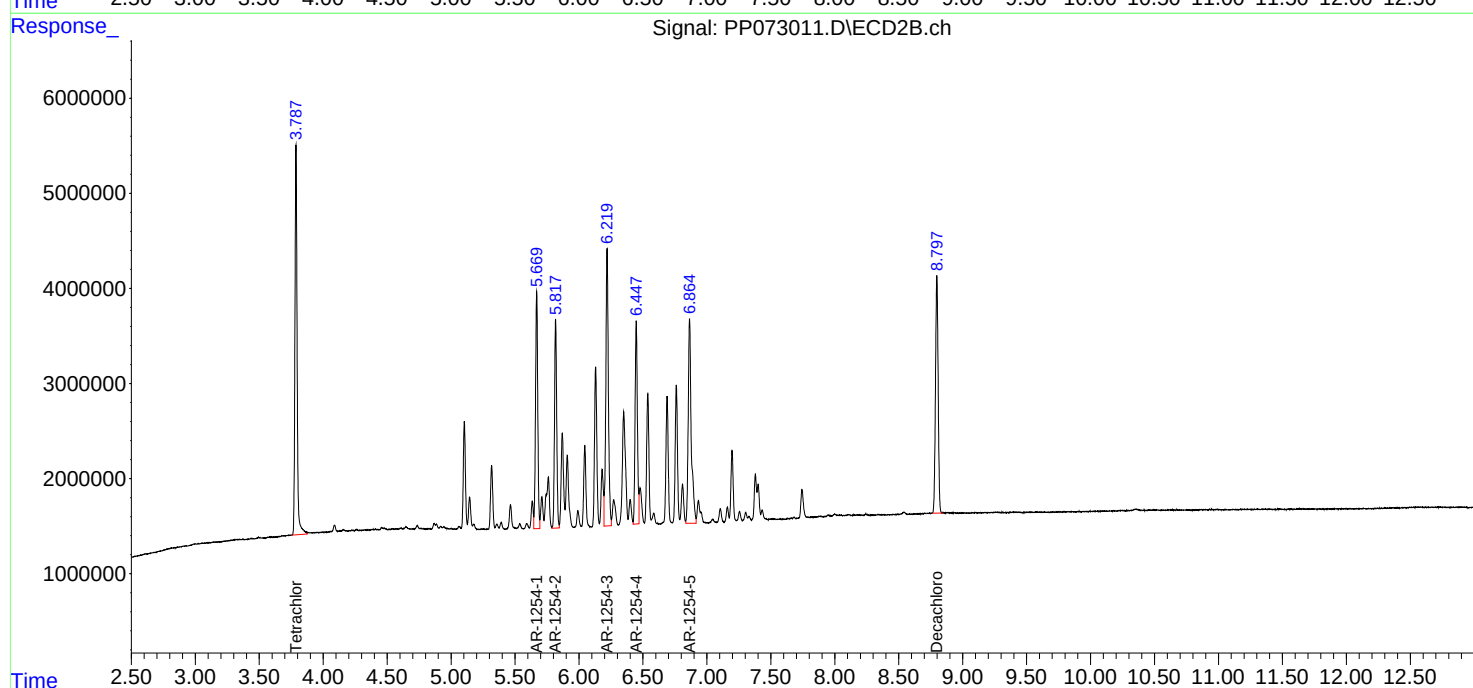
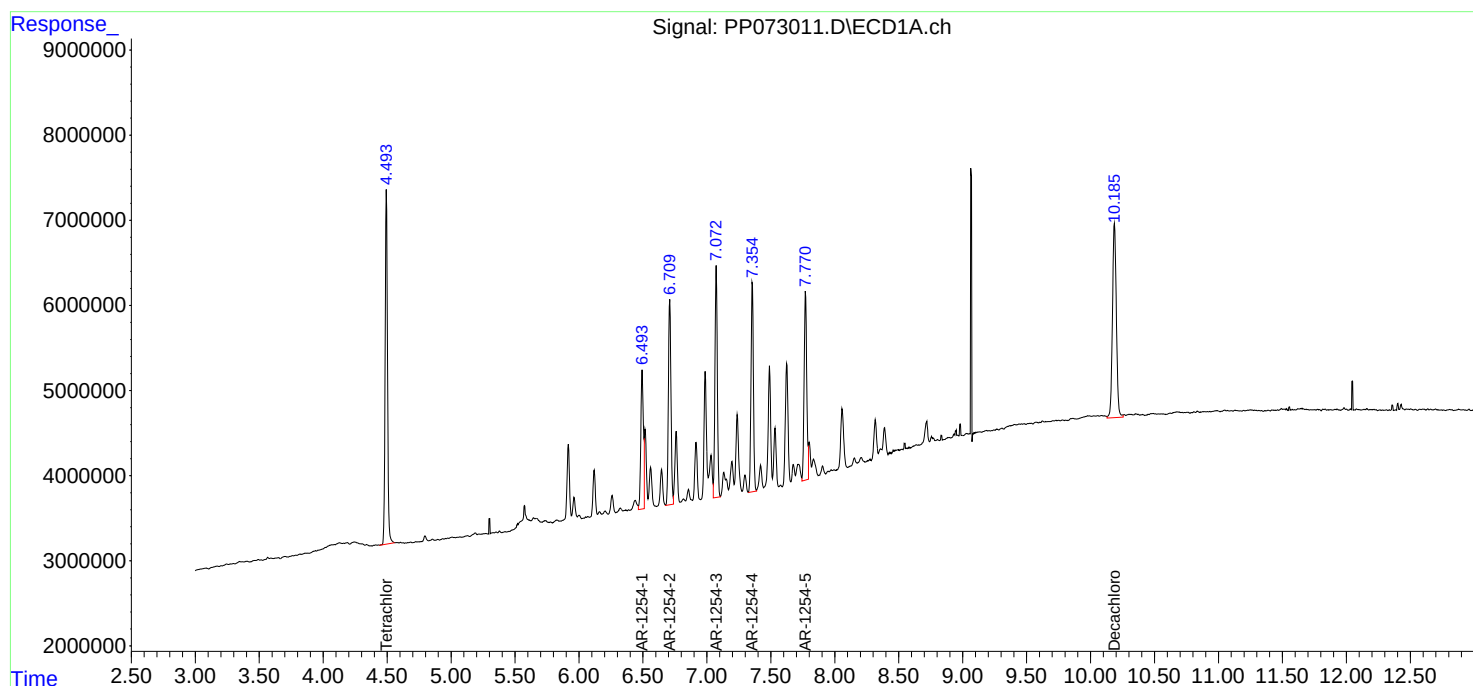
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073011.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 18:15
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 03:15:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 03:13:00 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073012.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 18:32
 Operator : YP\AJ
 Sample : AR1254ICC050
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 03:37:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 03:13:00 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.491	3.786	10371325	8942875	5.178	4.955
2) SA Decachlor...	10.185	8.796	8297458	7139546	4.676	5.346
Target Compounds						
26) L6 AR-1254-1	6.490	5.668	4878612	6145380	60.361	57.792
27) L6 AR-1254-2	6.707	5.816	6994986	5386264	57.441	59.027
28) L6 AR-1254-3	7.069	6.218	6951737	8116990	53.783	56.427
29) L6 AR-1254-4	7.352	6.446	6480102	5405051	55.230	57.287
30) L6 AR-1254-5	7.768	6.862	5609267	6943417	48.872	54.357

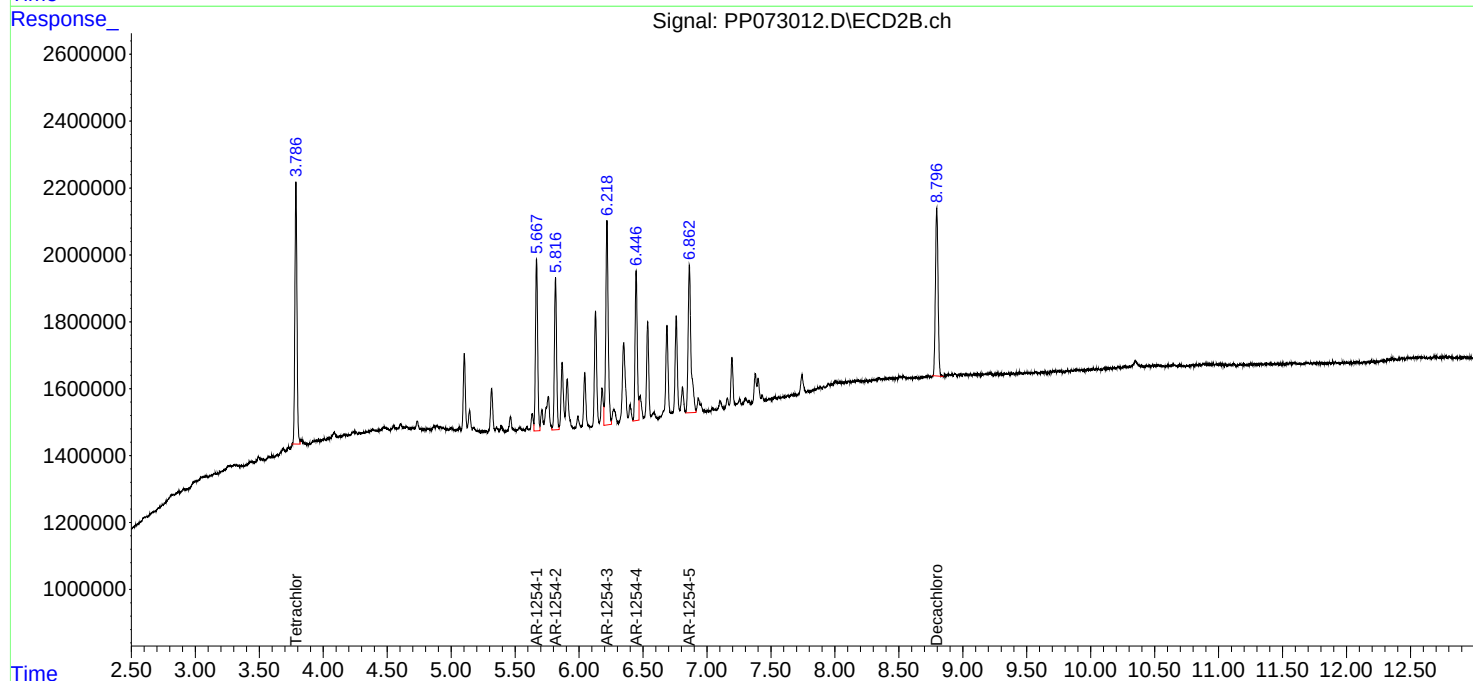
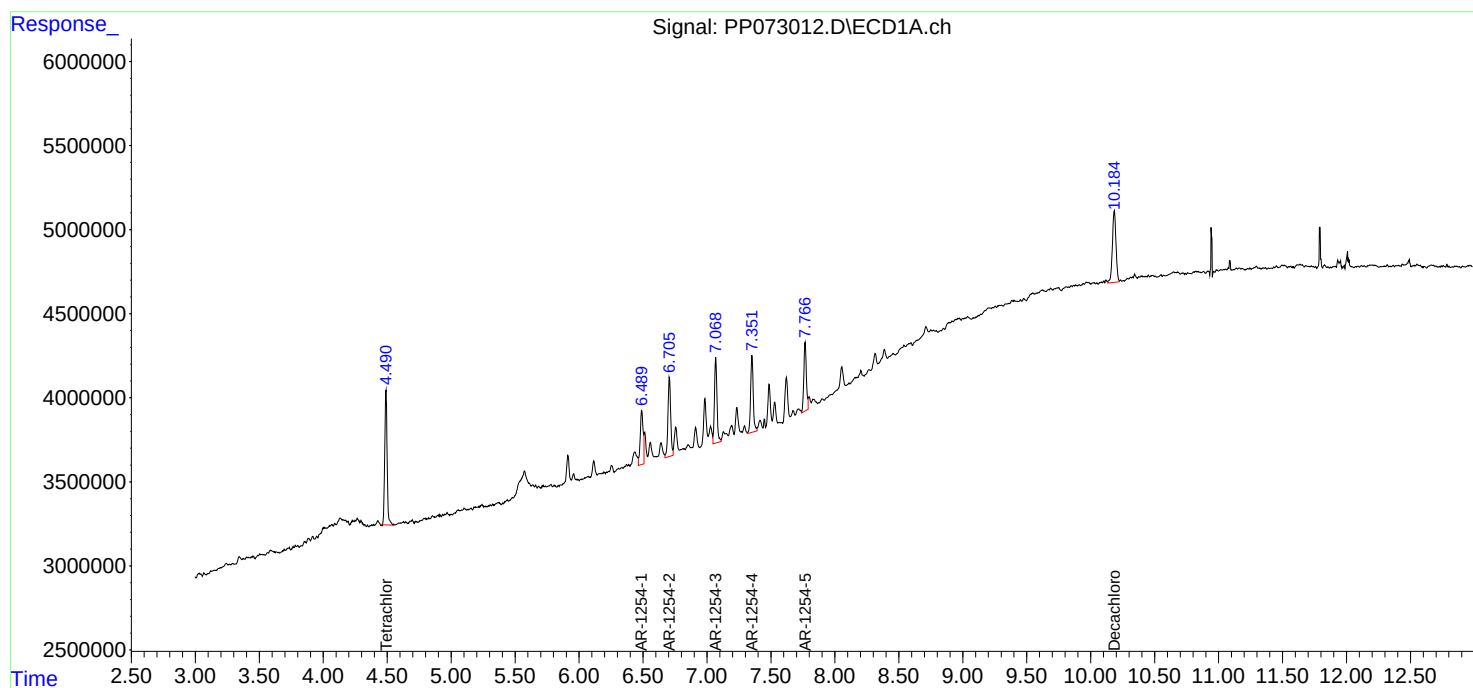
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073012.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 18:32
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 03:37:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 03:13:00 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073013.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 18:48
 Operator : YP\AJ
 Sample : AR1262ICC500
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1262ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 03:59:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 03:54:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.492	3.787	107.5E6	92711514	50.000	50.000
2) SA Decachlor...	10.187	8.797	104.8E6	73040112	50.000	50.000
Target Compounds						
36) L8 AR-1262-1	8.070	6.901	74011533	72233427	500.000	500.000
37) L8 AR-1262-2	8.388	7.159	158.2E6	61115310	500.000	500.000
38) L8 AR-1262-3	8.702	7.681	107.0E6	56351432	500.000	500.000
39) L8 AR-1262-4	8.788	7.747	78796607	91678162	500.000	500.000
40) L8 AR-1262-5	9.438	8.244	55931783	43292649	500.000	500.000

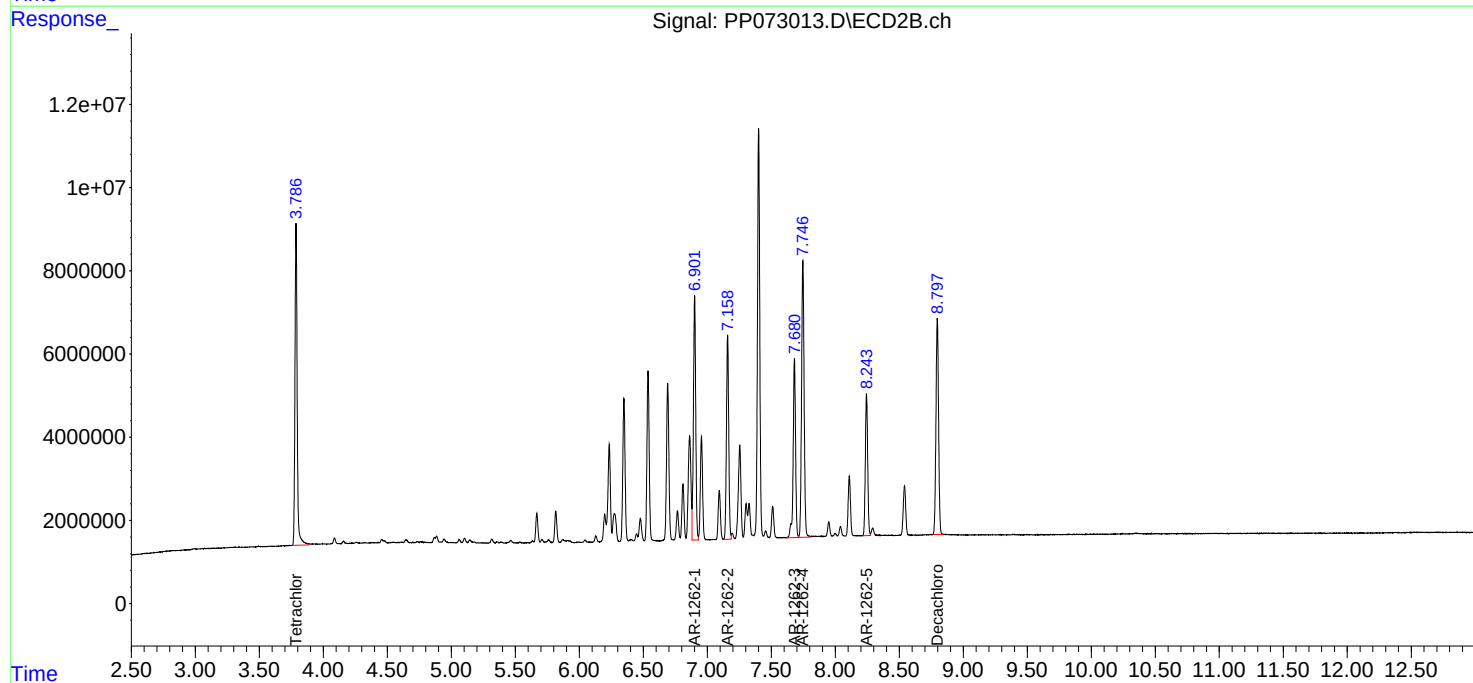
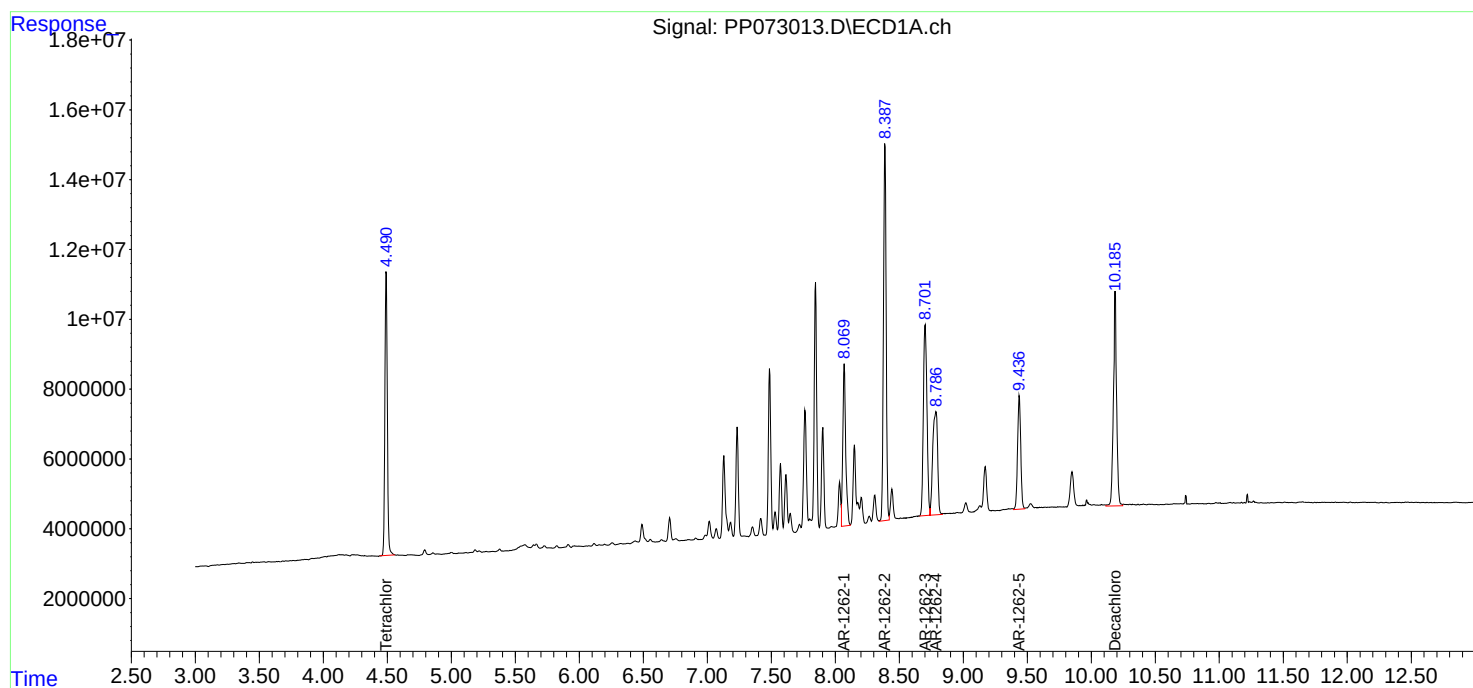
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073013.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 18:48
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 03:59:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 03:54:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073014.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 19:04
 Operator : YP\AJ
 Sample : AR1268ICC1000
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 04:53:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 04:47:35 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.494	3.788	196.5E6	179.8E6	95.097	97.953
2) SA Decachlor...	10.188	8.797	300.3E6	221.6E6	93.697	90.868
Target Compounds						
41) L9 AR-1268-1	8.701	7.682	342.6E6	263.8E6	962.665	939.490
42) L9 AR-1268-2	8.794	7.748	290.4E6	236.5E6	958.582	939.469
43) L9 AR-1268-3	9.022	7.951	250.0E6	197.4E6	953.538	933.249
44) L9 AR-1268-4	9.439	8.244	114.6E6	83966367	971.108	902.817
45) L9 AR-1268-5	9.852	8.542	713.8E6	544.2E6	966.370	926.446

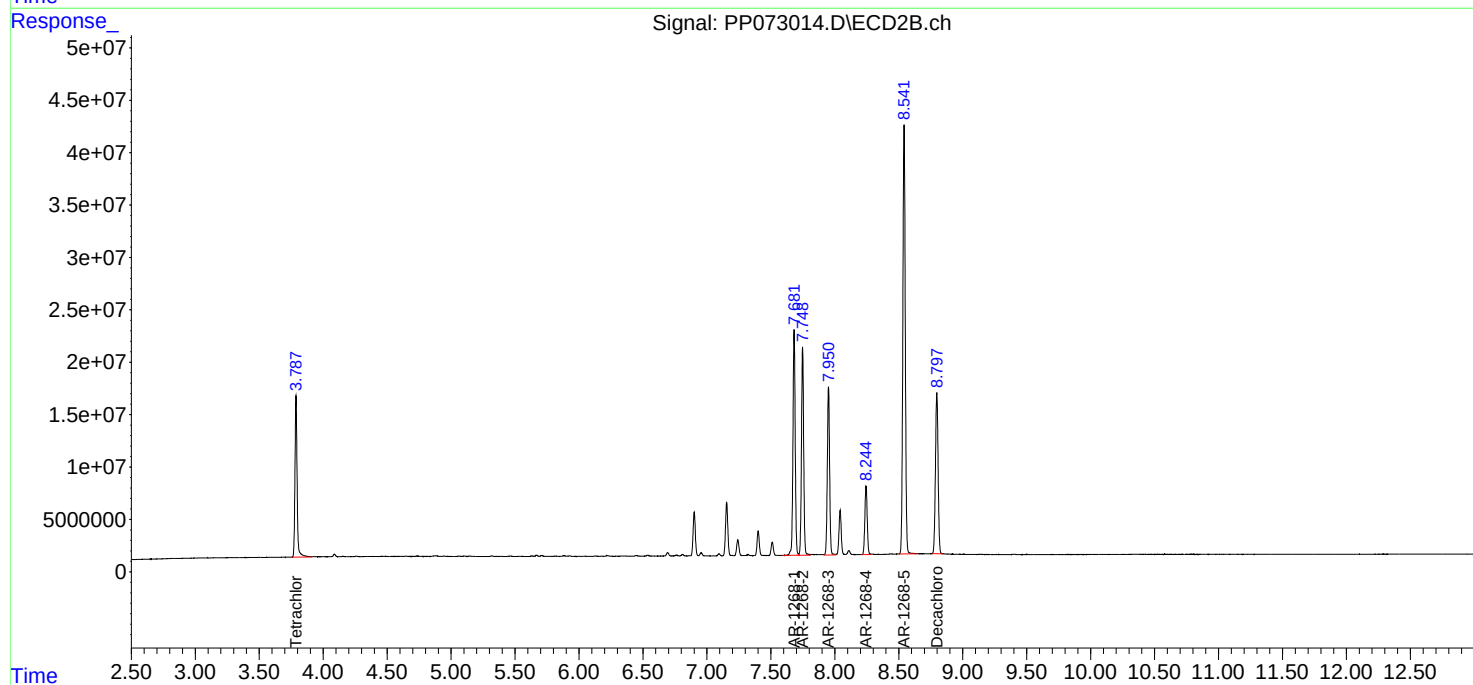
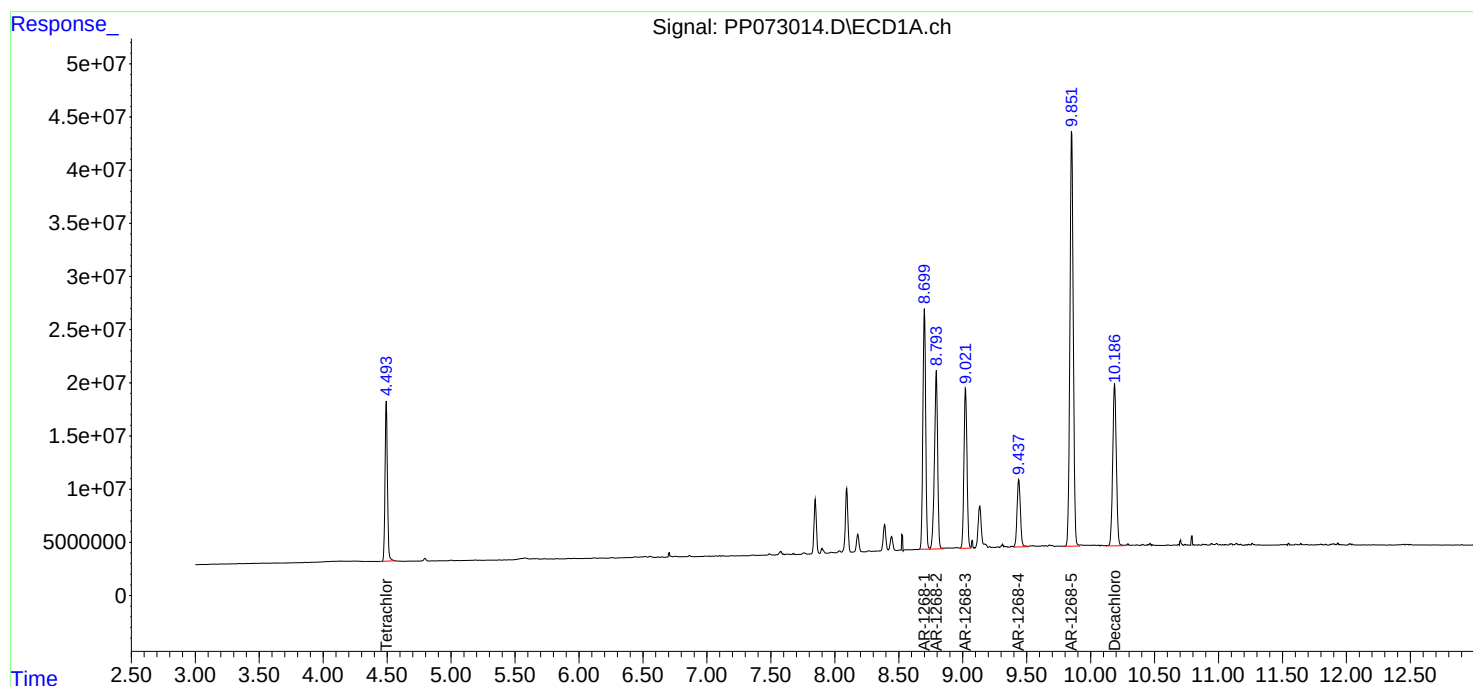
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073014.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 19:04
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 04:53:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 04:47:35 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073015.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 19:21
 Operator : YP\AJ
 Sample : AR1268ICC750
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 04:53:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 04:47:35 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.491	3.786	151.0E6	136.2E6	73.083	74.193
2) SA Decachlor...	10.184	8.797	233.0E6	173.6E6	72.700	71.159
Target Compounds						
41) L9 AR-1268-1	8.698	7.681	259.4E6	208.3E6	728.994	741.731
42) L9 AR-1268-2	8.791	7.748	220.2E6	188.6E6	726.936	749.248
43) L9 AR-1268-3	9.019	7.950	190.1E6	157.9E6	725.220	746.372
44) L9 AR-1268-4	9.437	8.245	86374148	68247946	731.613	733.811
45) L9 AR-1268-5	9.848	8.541	551.9E6	429.3E6	747.194	730.927

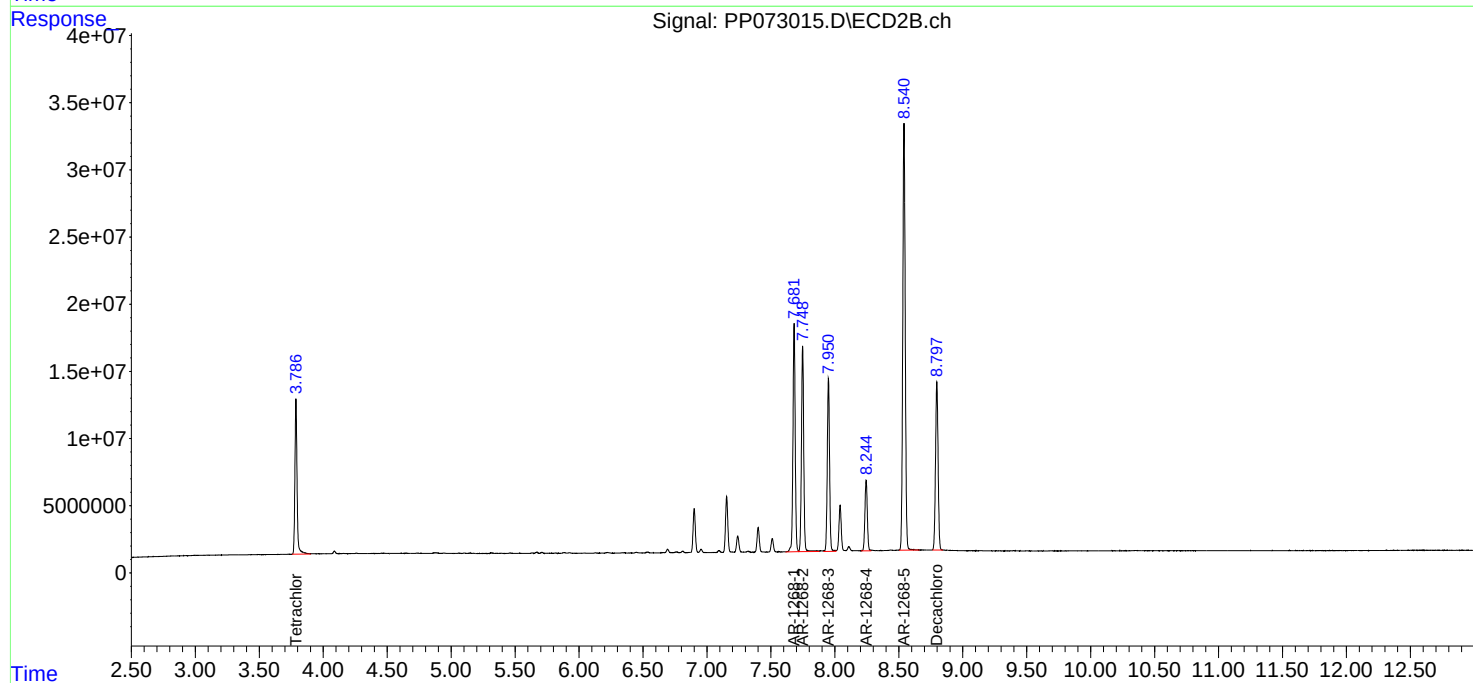
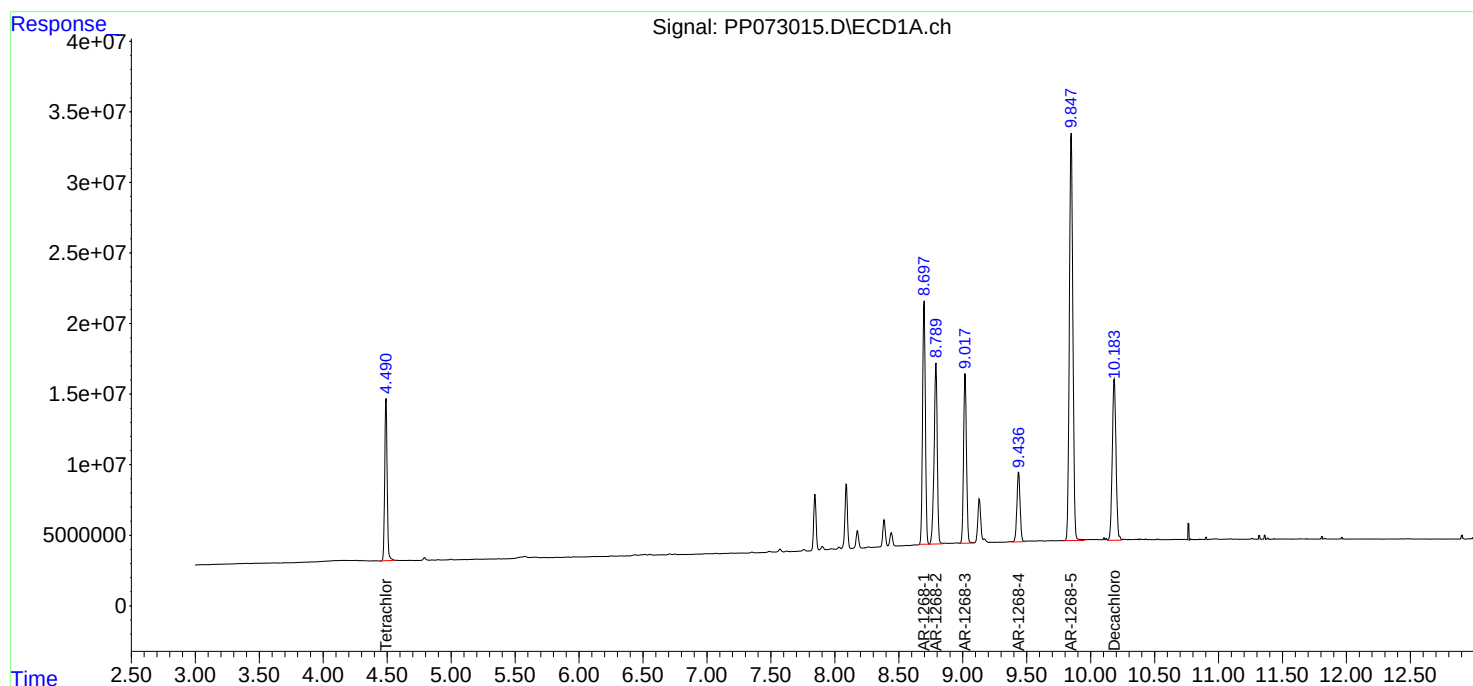
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073015.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 19:21
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 04:53:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 04:47:35 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073016.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 19:37
 Operator : YP\AJ
 Sample : AR1268ICC500
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 04:53:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 04:47:35 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.492	3.787	103.3E6	91796104	50.000	50.000
2) SA Decachlor...	10.184	8.798	160.2E6	121.9E6	50.000	50.000
Target Compounds						
41) L9 AR-1268-1	8.698	7.682	177.9E6	140.4E6	500.000	500.000
42) L9 AR-1268-2	8.791	7.748	151.5E6	125.9E6	500.000	500.000
43) L9 AR-1268-3	9.019	7.950	131.1E6	105.8E6	500.000	500.000
44) L9 AR-1268-4	9.437	8.245	59029925	46502419	500.000	500.000
45) L9 AR-1268-5	9.849	8.542	369.3E6	293.7E6	500.000	500.000

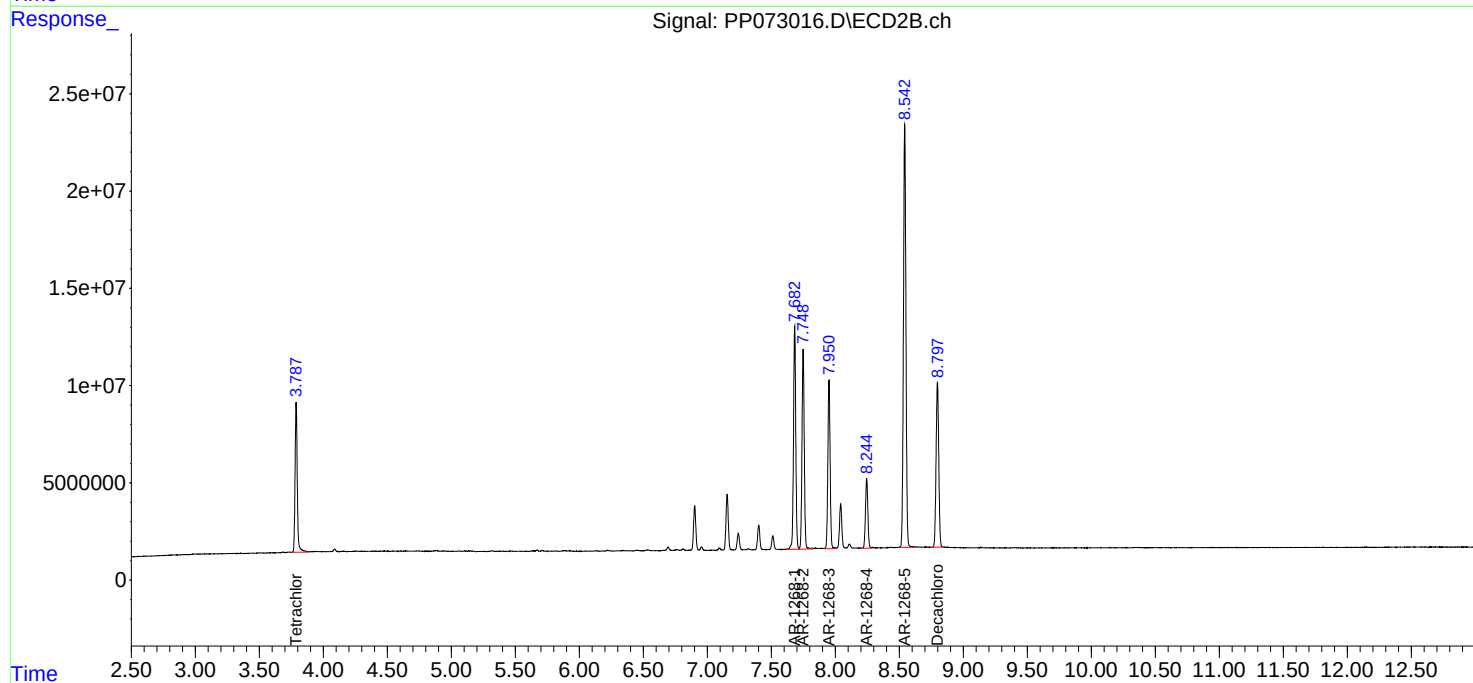
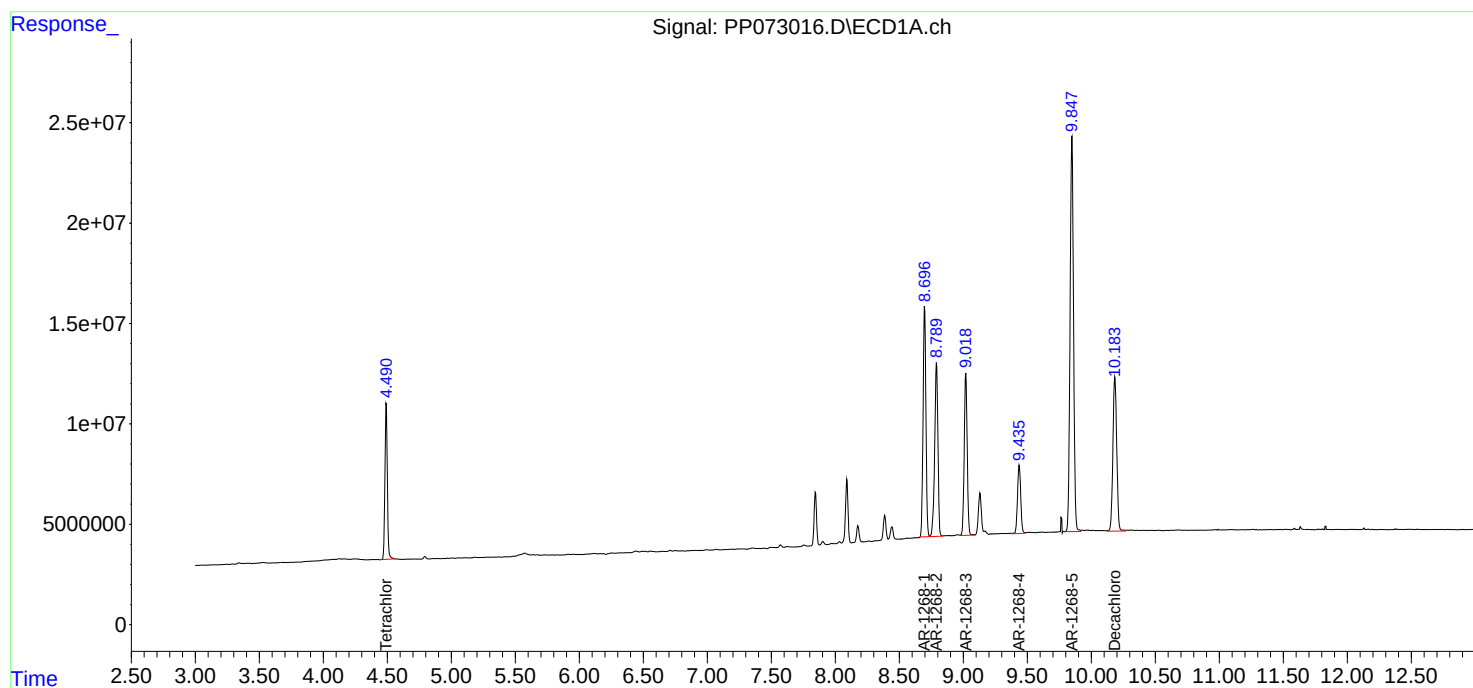
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073016.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 19:37
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 04:53:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 04:47:35 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073017.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 19:53
 Operator : YP\AJ
 Sample : AR1268ICC250
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 04:53:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 04:47:35 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.496	3.787	58356921	50461433	28.236	27.486
2) SA Decachlor...	10.188	8.798	89712688	66943275	27.993	27.448
Target Compounds						
41) L9 AR-1268-1	8.701	7.681	99649369	78256106	279.995	278.690
42) L9 AR-1268-2	8.794	7.748	85229522	70075104	281.317	278.402
43) L9 AR-1268-3	9.023	7.951	73808064	57897140	281.523	273.672
44) L9 AR-1268-4	9.440	8.244	32217924	25871226	272.895	278.171
45) L9 AR-1268-5	9.852	8.541	205.0E6	155.9E6	277.502	265.410

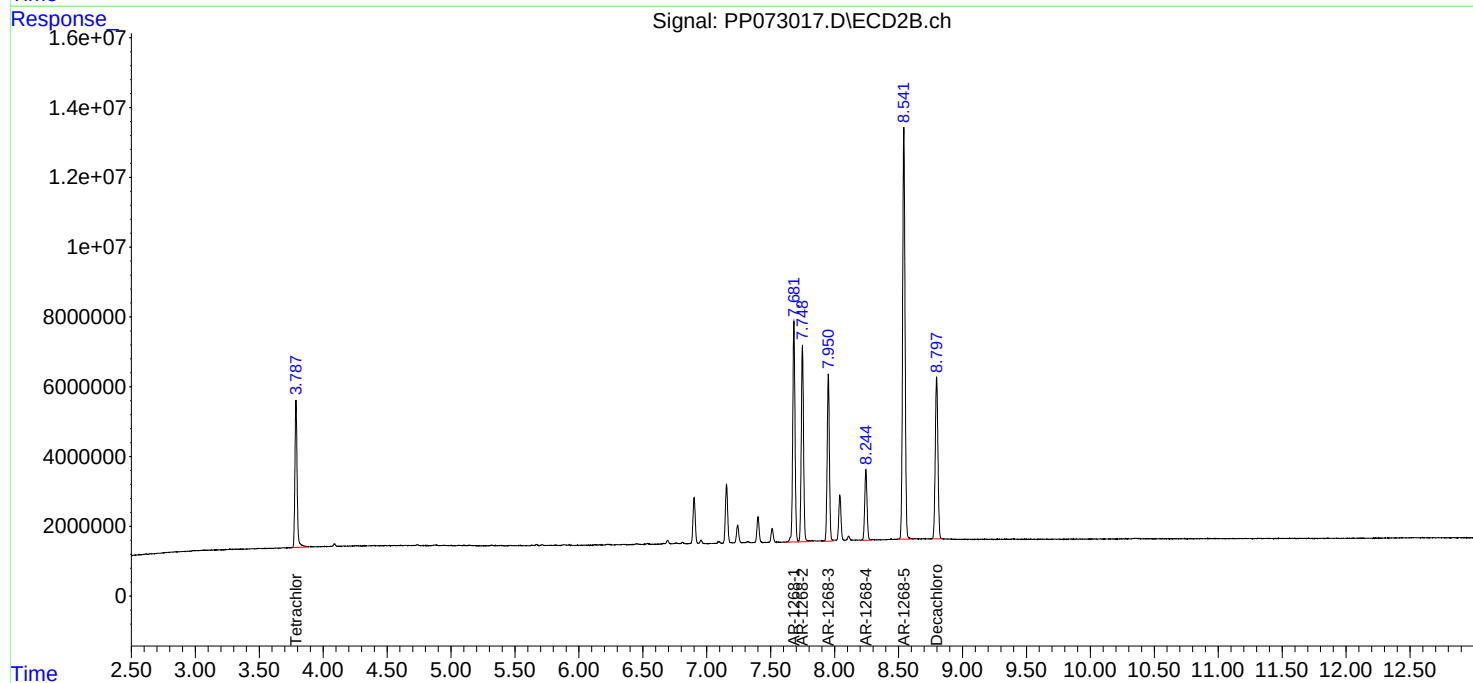
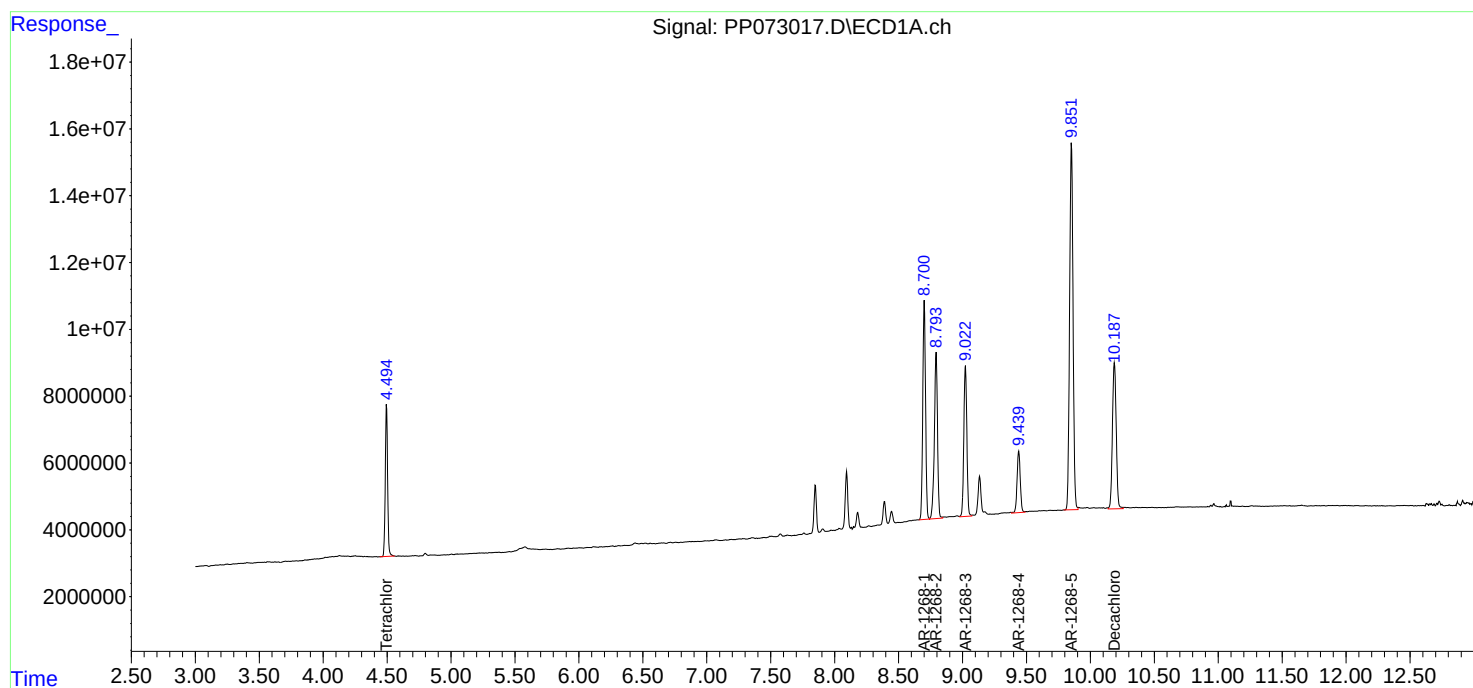
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073017.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 19:53
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 04:53:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 04:47:35 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073018.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 20:10
 Operator : YP\AJ
 Sample : AR1268ICC050
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/18/2025
 Supervised By :mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 04:53:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 04:47:35 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.491	3.786	10029221	9050192	4.853	4.930
2) SA Decachlor...	10.184	8.796	15314982	12260520	4.779	5.027
Target Compounds						
41) L9 AR-1268-1	8.696	7.680	17254161	15048880	48.481m	53.593
42) L9 AR-1268-2	8.790	7.746	14867672	13283145	49.074	52.773
43) L9 AR-1268-3	9.018	7.949	13332874	11429424	50.855	54.025
44) L9 AR-1268-4	9.436	8.244	5418847	4973715	45.899	53.478
45) L9 AR-1268-5	9.847	8.540	34494195	28320267	46.698	48.214

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073018.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 20:10
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

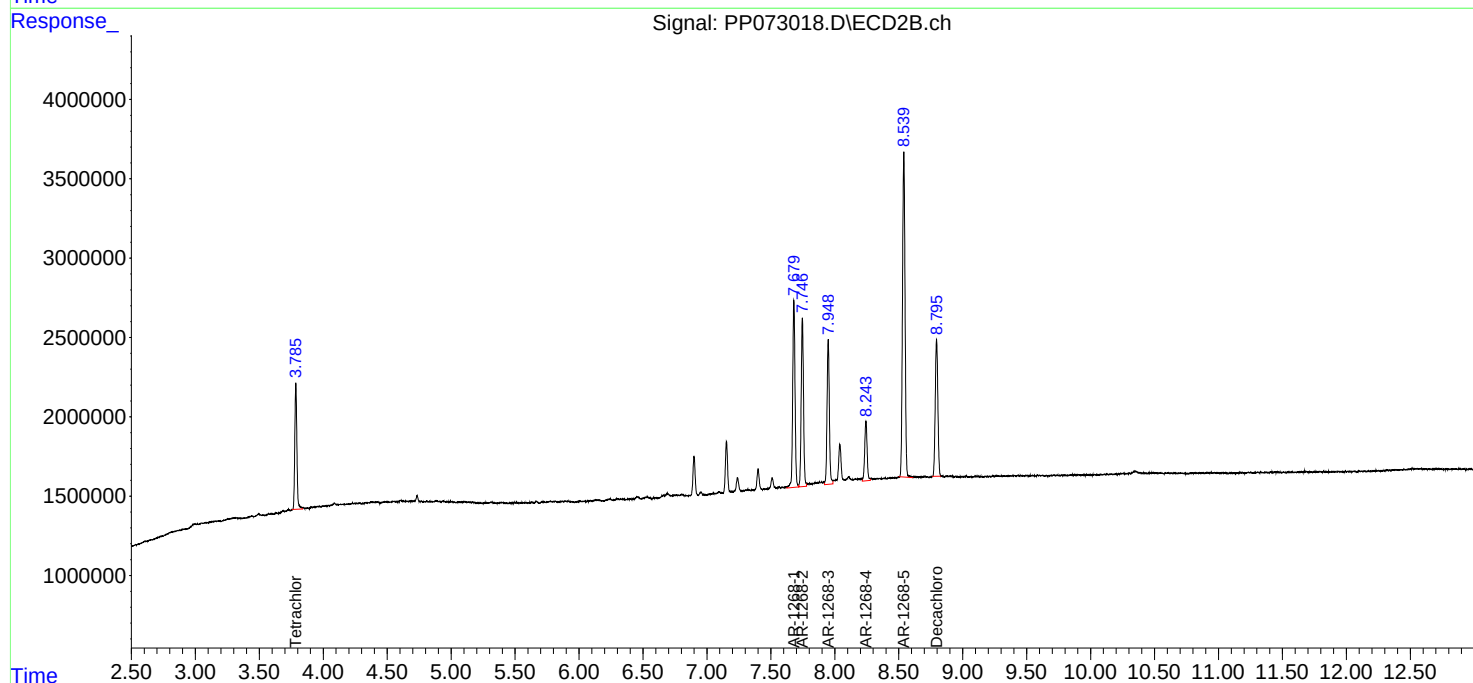
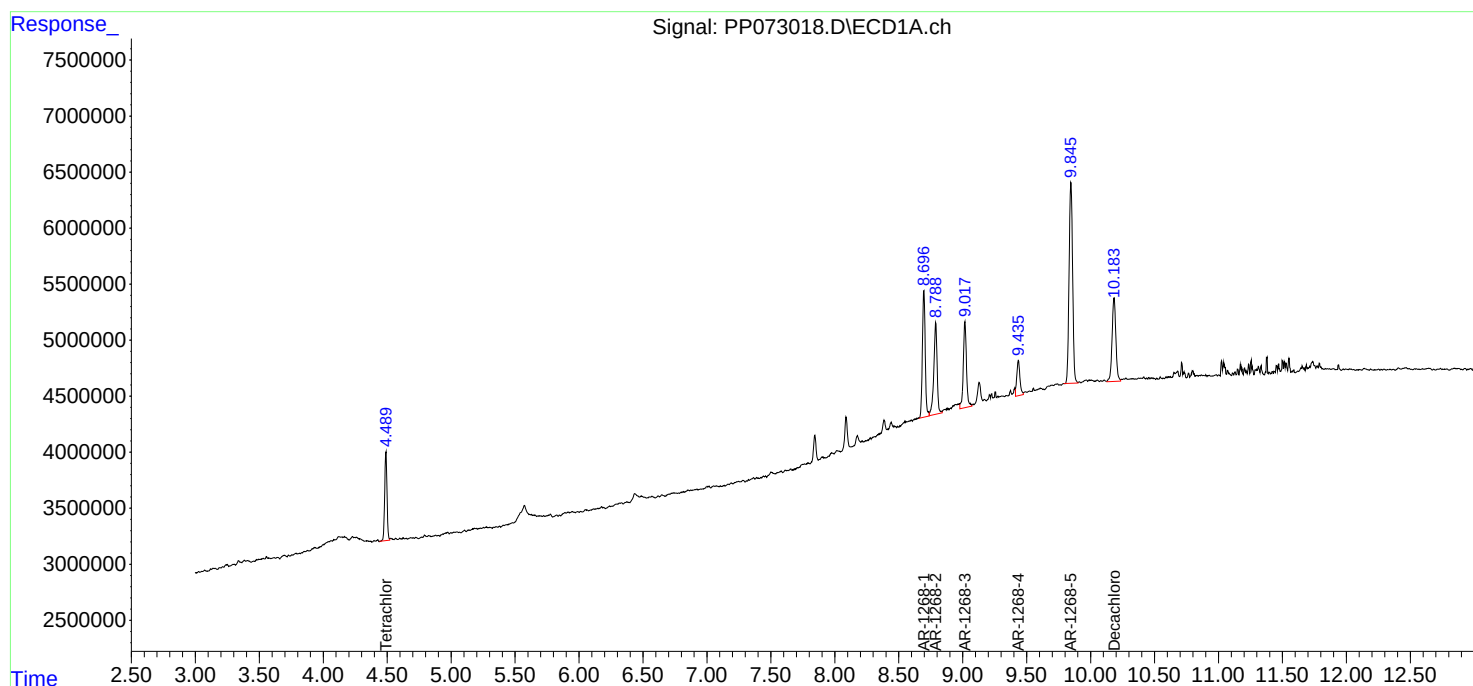
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/18/2025
Supervised By :mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 04:53:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 04:47:35 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073019.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 20:26
 Operator : YP\AJ
 Sample : PP061725ICV500
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP061725

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 08:19:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 08:17:15 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.491	3.787	102.4E6	84780948	48.502	47.054
2) SA Decachlor...	10.185	8.798	88134159	65610503	51.574	49.157
Target Compounds						
3) L1 AR-1016-1	5.643	4.868	34283004	31370756	471.753	456.516
4) L1 AR-1016-2	5.664	4.885	52760713	46236637	507.214	459.433
5) L1 AR-1016-3	5.726	5.063	32353382	25682799	495.091	469.382
6) L1 AR-1016-4	5.824	5.104	27096777	20809798	518.293	467.115
7) L1 AR-1016-5	6.116	5.318	24656000	26955694	493.070	487.601
31) L7 AR-1260-1	7.233	6.349	45281165	44988738	513.314	474.912
32) L7 AR-1260-2	7.487	6.538	66977494	55045689	492.903	472.754
33) L7 AR-1260-3	7.844	6.690	57882518	49928991	507.064	479.344
34) L7 AR-1260-4	8.069	7.159	53835037	41317033	522.439	470.911
35) L7 AR-1260-5	8.387	7.402	123.5E6	100.9E6	513.243	472.947

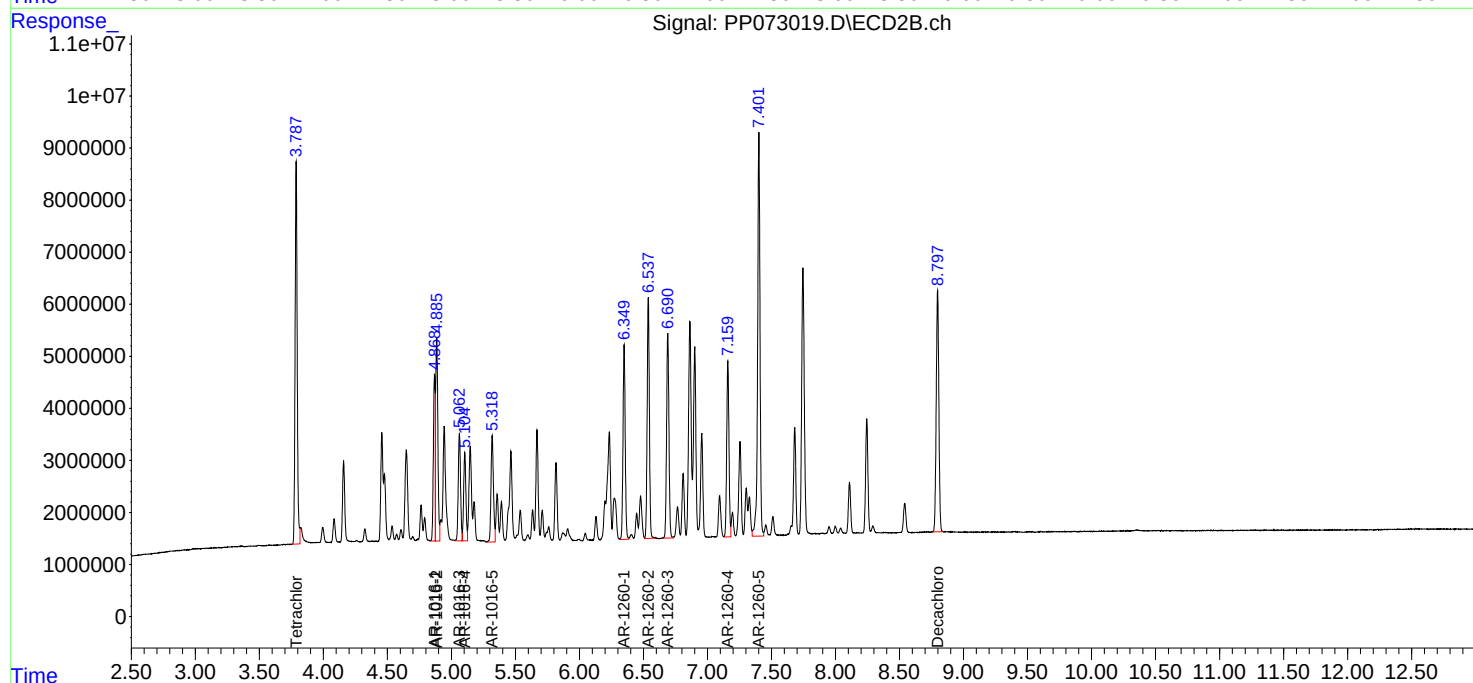
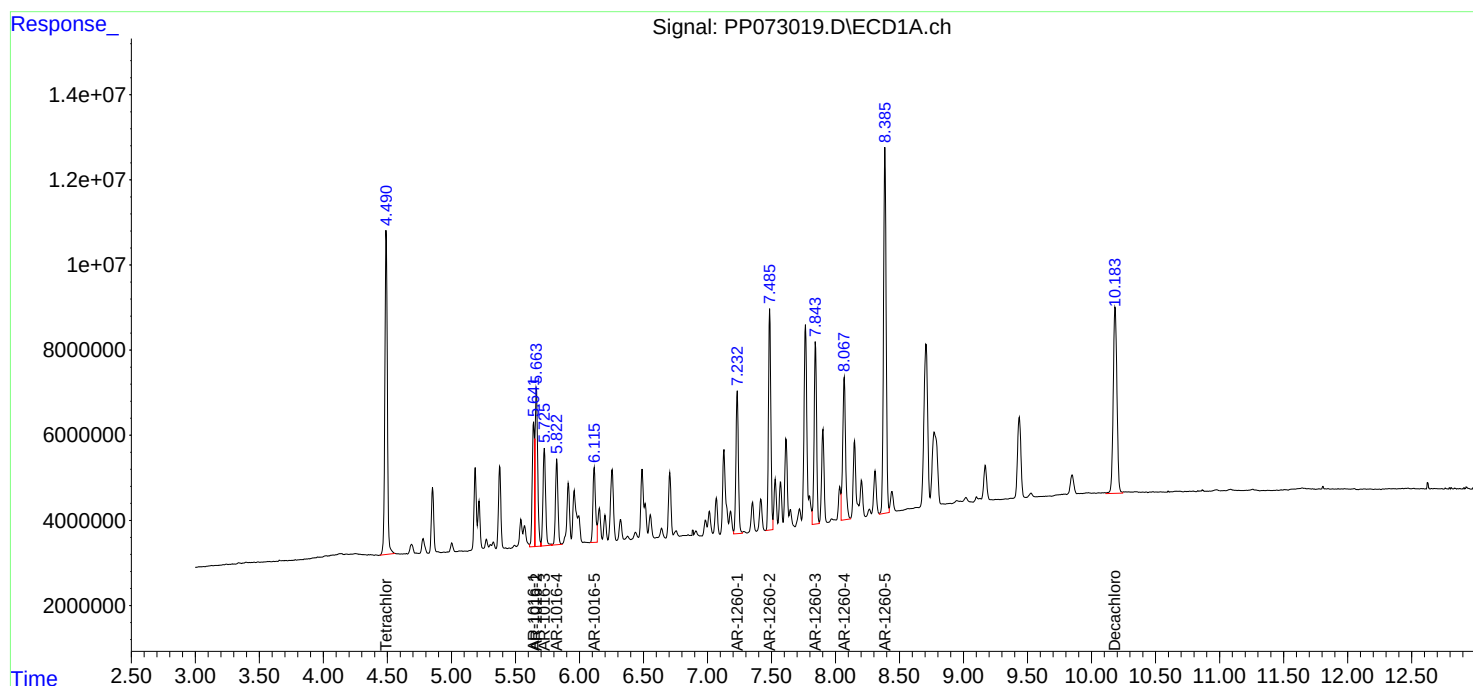
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073019.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 20:26
Operator : YP\AJ
Sample : PP061725ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP061725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 08:19:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073020.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 20:59
 Operator : YP\AJ
 Sample : AR1242ICV500
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP061725

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 08:20:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 08:17:15 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.492	3.787	102.7E6	89165293	48.676	49.487
2) SA Decachlor...	10.185	8.797	89832377	67954033	52.568	50.913
Target Compounds						
16) L4 AR-1242-1	5.644	4.867	30486412	27109139	521.695	490.939
17) L4 AR-1242-2	5.665	4.885	45319999	40235770	523.602	506.197
18) L4 AR-1242-3	5.727	5.061	27904882	22310119	529.427	515.186
19) L4 AR-1242-4	5.825	5.146	23738448	21455150	540.023	516.944
20) L4 AR-1242-5	6.555	5.668	24940736	26914596	503.247	511.815

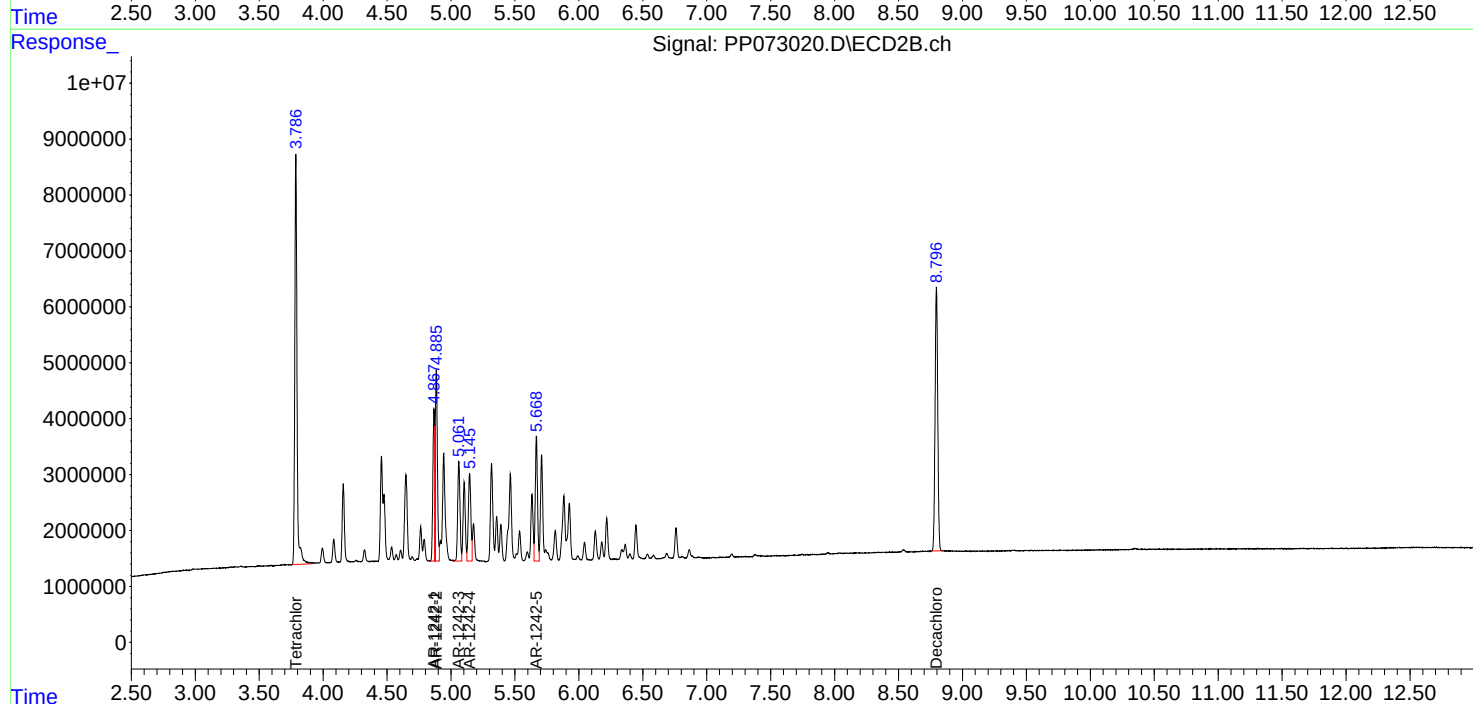
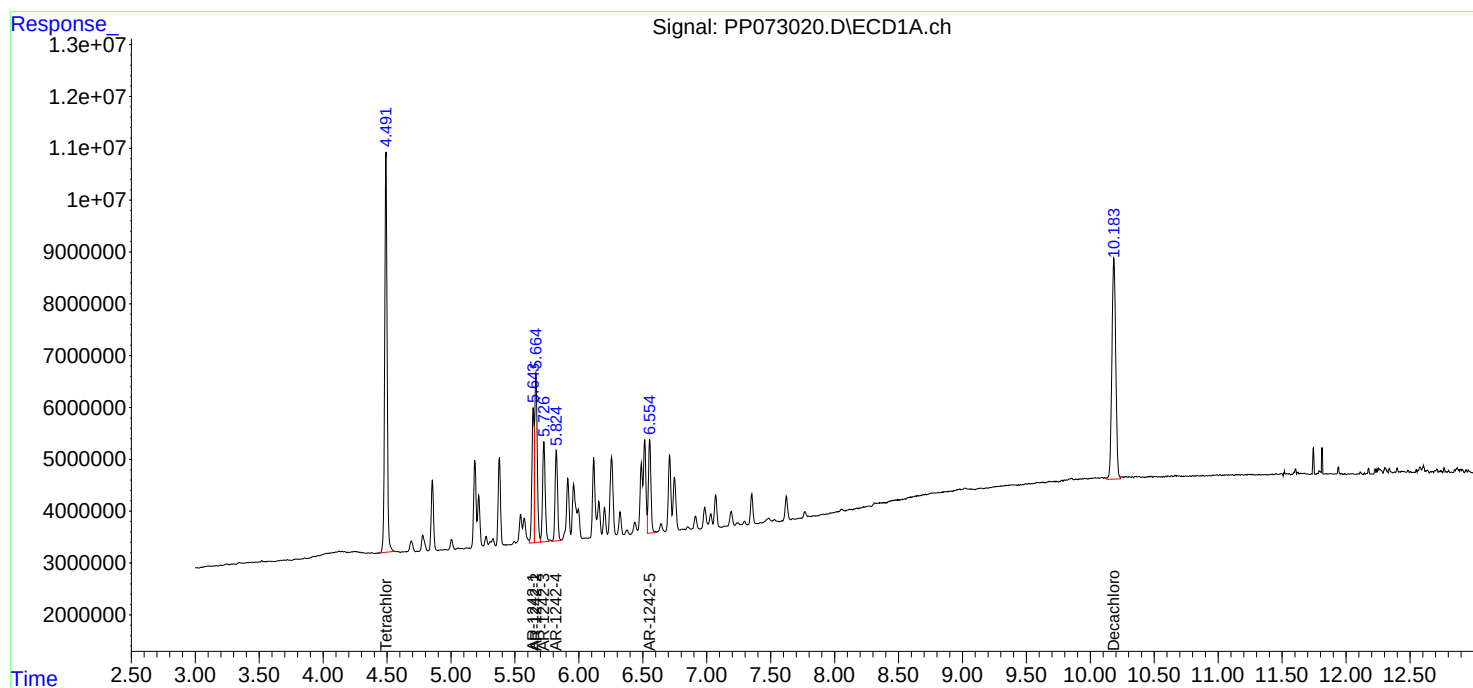
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073020.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 20:59
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP061725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 08:20:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073021.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 21:31
 Operator : YP\AJ
 Sample : AR1248ICV500
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP061725

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 08:20:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 08:17:15 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.491	3.788	96332820	84471045	45.638	46.882
2) SA Decachlor...	10.185	8.797	87789069	66241560	51.372	49.630
Target Compounds						
21) L5 AR-1248-1	5.642	4.868	22394116	21077306	470.777	483.531
22) L5 AR-1248-2	5.913	5.104	29019975	29078731	495.636	496.261
23) L5 AR-1248-3	6.116	5.146	32767571	30301180	502.190	500.481
24) L5 AR-1248-4	6.515	5.318	40583980	35267510	477.097	503.660
25) L5 AR-1248-5	6.554	5.709	39935951	35247945	477.171	496.227

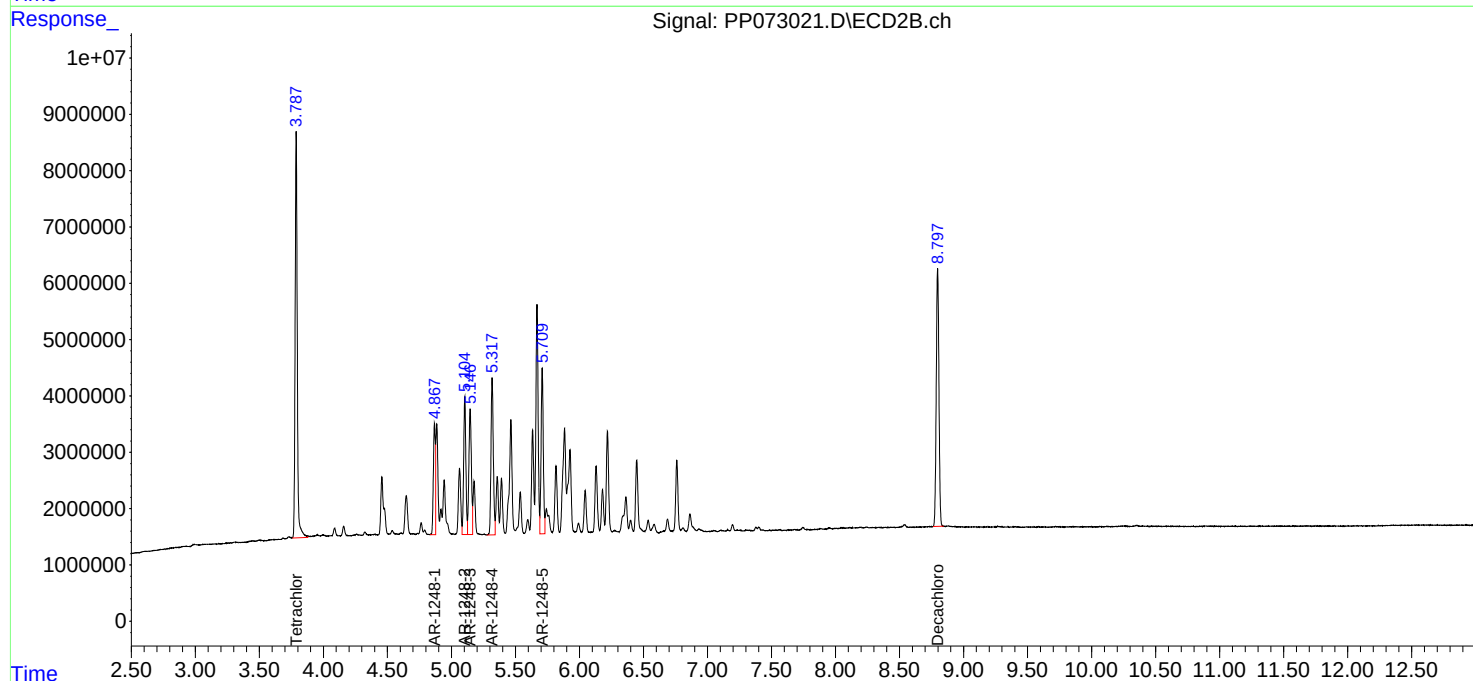
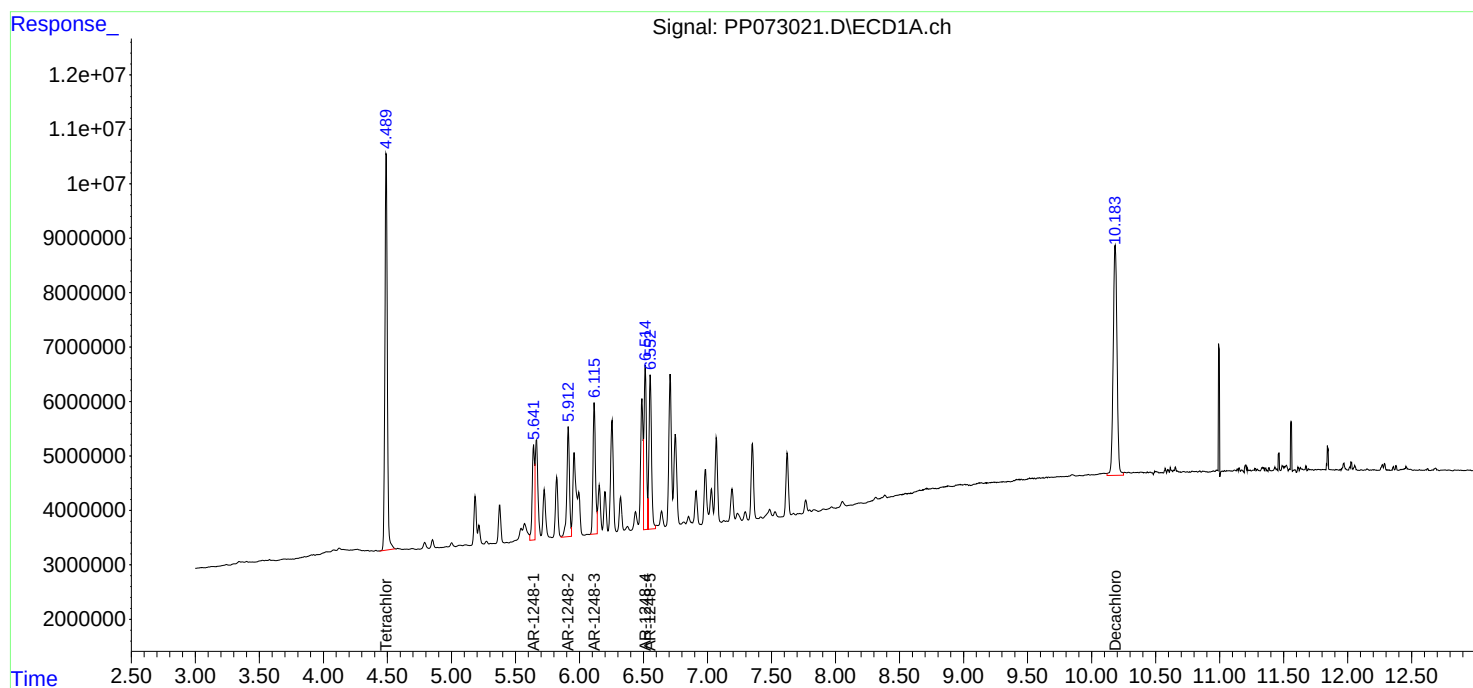
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073021.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 21:31
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP061725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 08:20:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073022.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 22:04
 Operator : YP\AJ
 Sample : AR1254ICV500
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP061725

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 08:20:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 08:17:15 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.492	3.787	100.8E6	90635205	47.763	50.303
2) SA Decachlor...	10.185	8.796	89050275	67270654	52.110	50.401
Target Compounds						
26) L6 AR-1254-1	6.491	5.668	40577578	54215134	482.068	494.438
27) L6 AR-1254-2	6.708	5.816	61535998	46665321	490.714	493.571
28) L6 AR-1254-3	7.070	6.219	65365148	73632402	498.168	499.043
29) L6 AR-1254-4	7.353	6.447	59152495	48272969	493.827	497.142
30) L6 AR-1254-5	7.769	6.863	57656763	64307157	504.626	494.812

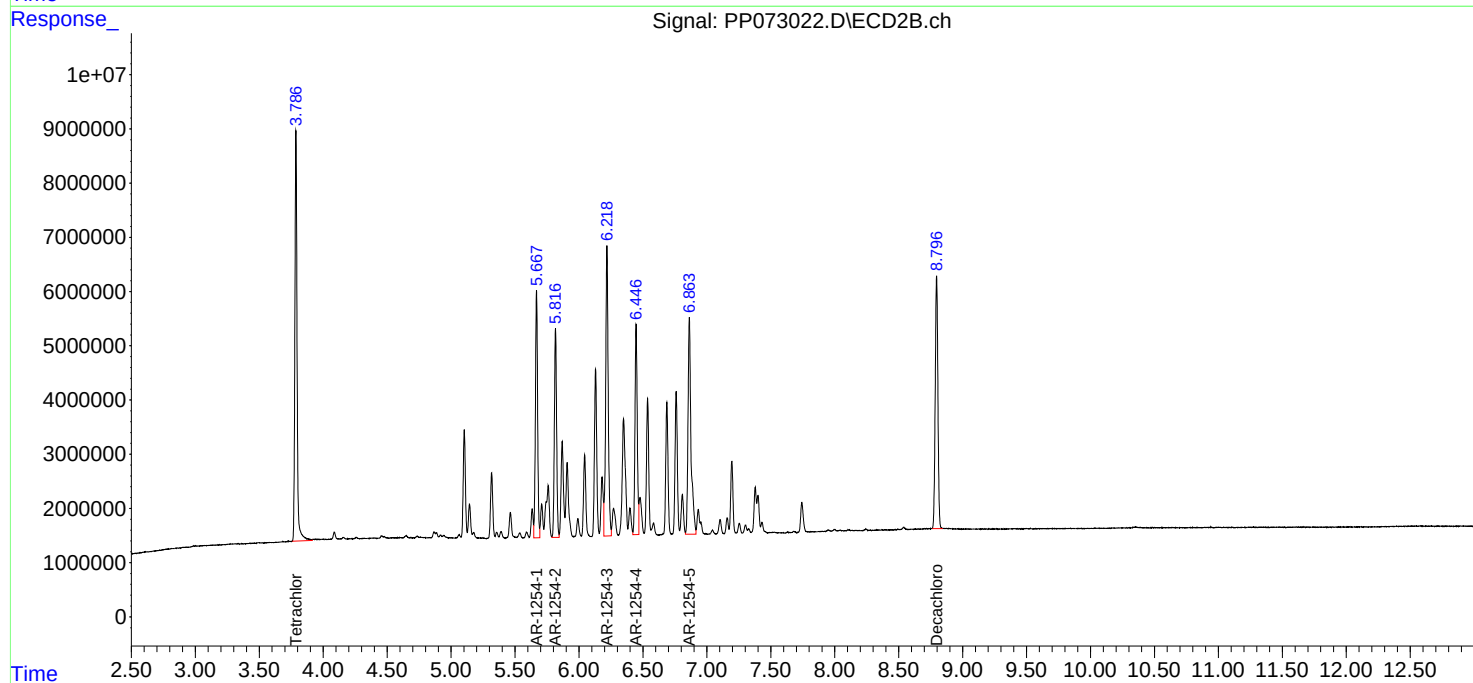
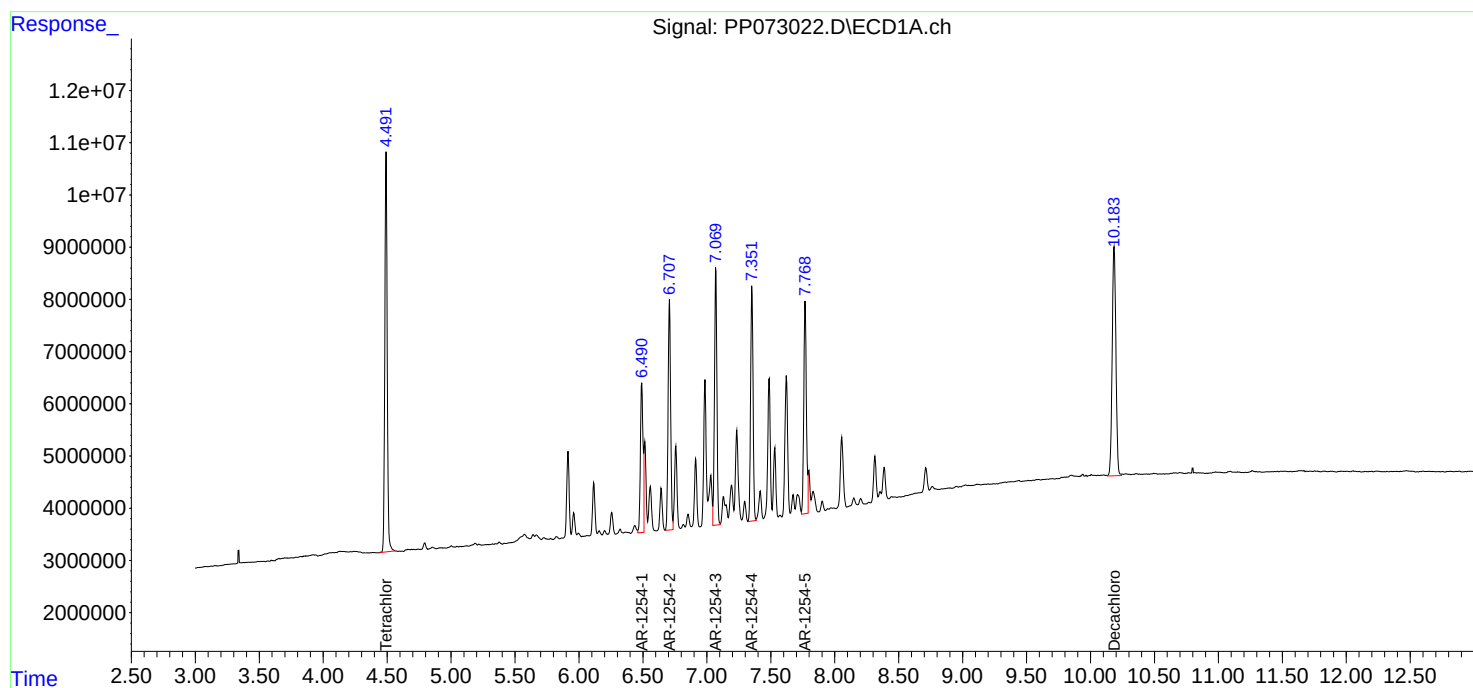
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073022.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 22:04
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP061725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 08:20:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073023.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 22:37
 Operator : YP\AJ
 Sample : AR1268ICV500
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP061725

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 05:07:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 04:47:35 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.491	3.787	102.8E6	91641432	49.493	49.381
2) SA Decachlor...	10.184	8.798	161.0E6	120.6E6	50.410	49.836
Target Compounds						
41) L9 AR-1268-1	8.697	7.682	180.3E6	139.3E6	504.162	484.854
42) L9 AR-1268-2	8.790	7.748	153.4E6	124.7E6	502.844	485.113
43) L9 AR-1268-3	9.018	7.950	133.9E6	106.1E6	504.198	491.379
44) L9 AR-1268-4	9.436	8.245	59010619	45823713	504.258	486.526
45) L9 AR-1268-5	9.848	8.541	368.3E6	290.5E6	497.887	501.924

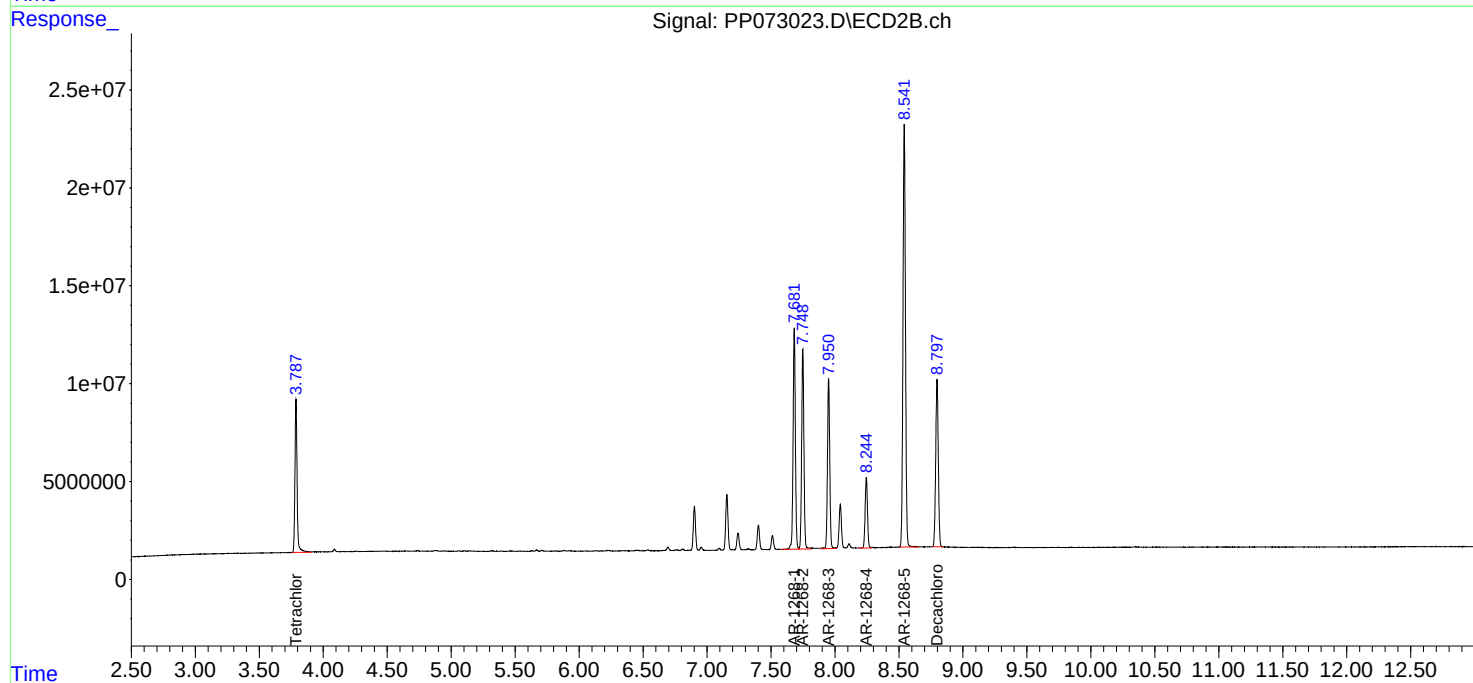
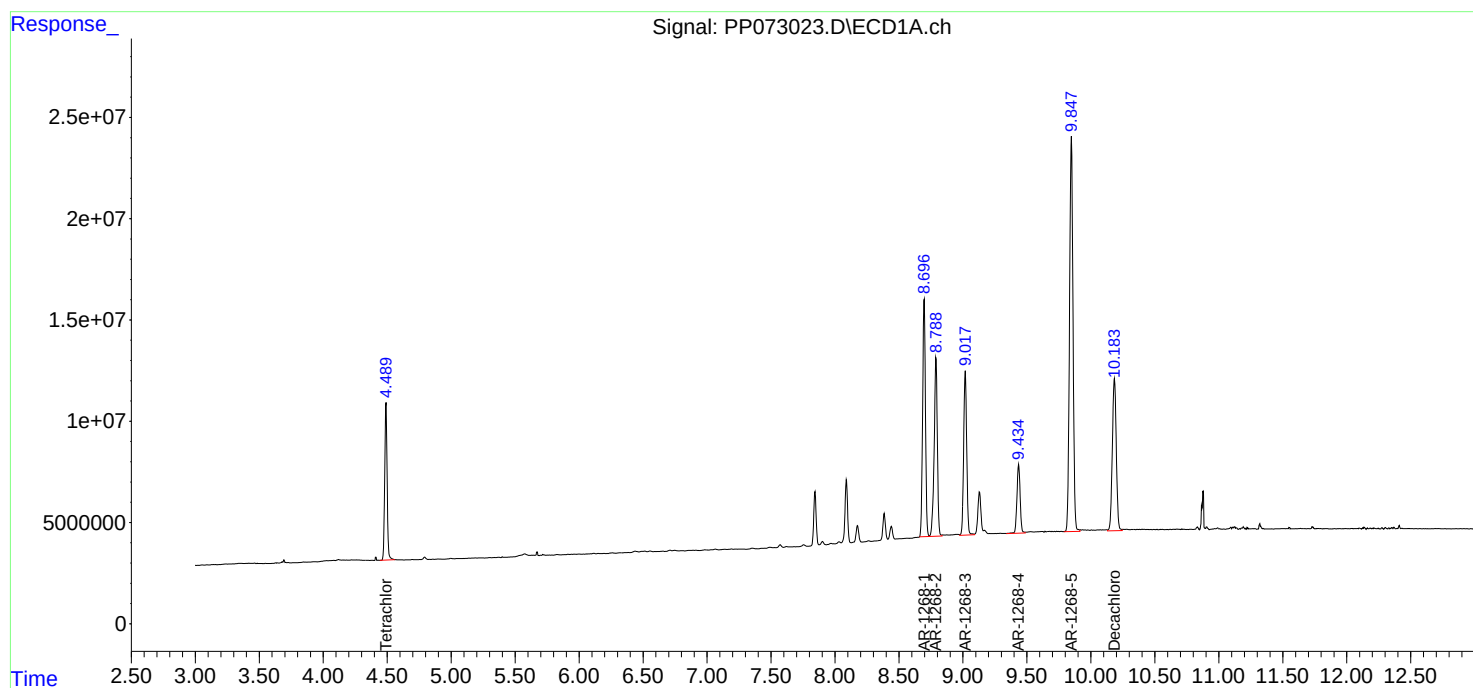
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073023.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 22:37
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP061725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 05:07:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 04:47:35 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





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

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

Continuing Calib Date: 06/26/2025 Initial Calibration Date(s): 06/17/2025 06/17/2025

Continuing Calib Time: 09:04 Initial Calibration Time(s): 10:04 20:10

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.64	5.65	5.55	5.75	0.01
Aroclor-1016-2	(2)	5.66	5.67	5.57	5.77	0.01
Aroclor-1016-3	(3)	5.73	5.73	5.63	5.83	0.01
Aroclor-1016-4	(4)	5.82	5.83	5.73	5.93	0.01
Aroclor-1016-5	(5)	6.11	6.12	6.02	6.22	0.01
Aroclor-1260-1	(1)	7.23	7.24	7.14	7.34	0.01
Aroclor-1260-2	(2)	7.49	7.49	7.39	7.59	0.00
Aroclor-1260-3	(3)	7.84	7.85	7.75	7.95	0.01
Aroclor-1260-4	(4)	8.07	8.07	7.97	8.17	0.00
Aroclor-1260-5	(5)	8.38	8.39	8.29	8.49	0.01
Tetrachloro-m-xylene		4.49	4.49	4.39	4.59	0.00
Decachlorobiphenyl		10.18	10.19	10.09	10.29	0.01



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

Continuing Calib Date: 06/26/2025 Initial Calibration Date(s): 06/17/2025 06/17/2025

Continuing Calib Time: 09:04 Initial Calibration Time(s): 10:04 20:10

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.86	4.87	4.77	4.97	0.01
Aroclor-1016-2	(2)	4.88	4.89	4.79	4.99	0.01
Aroclor-1016-3	(3)	5.06	5.06	4.96	5.16	0.00
Aroclor-1016-4	(4)	5.10	5.10	5.00	5.20	0.00
Aroclor-1016-5	(5)	5.31	5.32	5.22	5.42	0.01
Aroclor-1260-1	(1)	6.34	6.35	6.25	6.45	0.01
Aroclor-1260-2	(2)	6.53	6.54	6.44	6.64	0.01
Aroclor-1260-3	(3)	6.68	6.69	6.59	6.79	0.01
Aroclor-1260-4	(4)	7.15	7.16	7.06	7.26	0.01
Aroclor-1260-5	(5)	7.40	7.40	7.30	7.50	0.01
Tetrachloro-m-xylene		3.78	3.79	3.69	3.89	0.01
Decachlorobiphenyl		8.79	8.80	8.70	8.90	0.01



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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No.: CCAL01 Date Analyzed: 06/26/2025

Lab Sample No.: AR1660CCC500 Data File : PP073279.D Time Analyzed: 09:04

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.641	5.546	5.746	485.990	500.000	-2.8
Aroclor-1016-2	5.662	5.567	5.767	533.210	500.000	6.6
Aroclor-1016-3	5.725	5.629	5.829	520.180	500.000	4.0
Aroclor-1016-4	5.822	5.727	5.927	549.860	500.000	10.0
Aroclor-1016-5	6.114	6.019	6.219	524.760	500.000	5.0
Aroclor-1260-1	7.231	7.136	7.336	560.880	500.000	12.2
Aroclor-1260-2	7.485	7.389	7.589	543.950	500.000	8.8
Aroclor-1260-3	7.842	7.747	7.947	544.400	500.000	8.9
Aroclor-1260-4	8.066	7.971	8.171	548.260	500.000	9.7
Aroclor-1260-5	8.384	8.288	8.488	516.290	500.000	3.3
Decachlorobiphenyl	10.181	10.087	10.287	50.830	50.000	1.7
Tetrachloro-m-xylene	4.490	4.394	4.594	51.690	50.000	3.4



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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No.: CCAL01 Date Analyzed: 06/26/2025

Lab Sample No.: AR1660CCC500 Data File : PP073279.D Time Analyzed: 09:04

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.862	4.768	4.968	473.800	500.000	-5.2
Aroclor-1016-2	4.880	4.786	4.986	482.540	500.000	-3.5
Aroclor-1016-3	5.056	4.962	5.162	483.380	500.000	-3.3
Aroclor-1016-4	5.098	5.004	5.204	477.720	500.000	-4.5
Aroclor-1016-5	5.312	5.218	5.418	546.190	500.000	9.2
Aroclor-1260-1	6.342	6.249	6.449	495.490	500.000	-0.9
Aroclor-1260-2	6.531	6.438	6.638	513.470	500.000	2.7
Aroclor-1260-3	6.683	6.589	6.789	485.640	500.000	-2.9
Aroclor-1260-4	7.152	7.060	7.260	489.320	500.000	-2.1
Aroclor-1260-5	7.395	7.302	7.502	489.940	500.000	-2.0
Decachlorobiphenyl	8.788	8.697	8.897	50.670	50.000	1.3
Tetrachloro-m-xylene	3.783	3.688	3.888	47.840	50.000	-4.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
 Data File : PP073279.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jun 2025 09:04
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 11:47:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 08:17:15 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.490	3.783	109.1E6	86190928	51.690	47.836
2) SA Decachlor...	10.181	8.788	86866365	67624995	50.832	50.666m
Target Compounds						
3) L1 AR-1016-1	5.641	4.862	35317934	32558702	485.994	473.804
4) L1 AR-1016-2	5.662	4.880	55464986	48562405	533.211	482.543
5) L1 AR-1016-3	5.725	5.056	33993220	26448511	520.185	483.376
6) L1 AR-1016-4	5.822	5.098	28747276	21282413	549.862	477.724
7) L1 AR-1016-5	6.114	5.312	26240740	30194645	524.761	546.190
31) L7 AR-1260-1	7.231	6.342	49477102	46937787	560.880	495.487
32) L7 AR-1260-2	7.485	6.531	73913914	59786038	543.950	513.466
33) L7 AR-1260-3	7.842	6.683	62144608	50585078	544.401	485.643
34) L7 AR-1260-4	8.066	7.152	56495785	42932528	548.260	489.324
35) L7 AR-1260-5	8.384	7.395	124.2E6	104.6E6	516.294	489.938

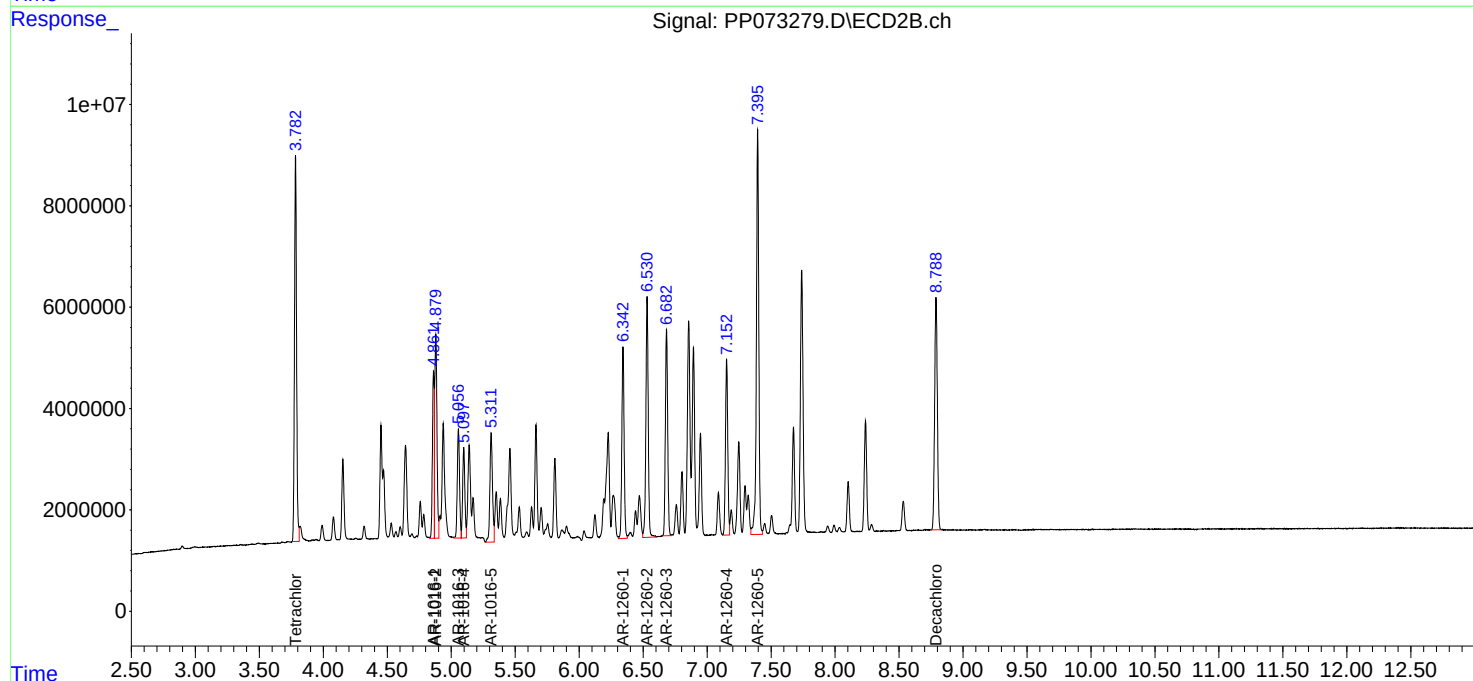
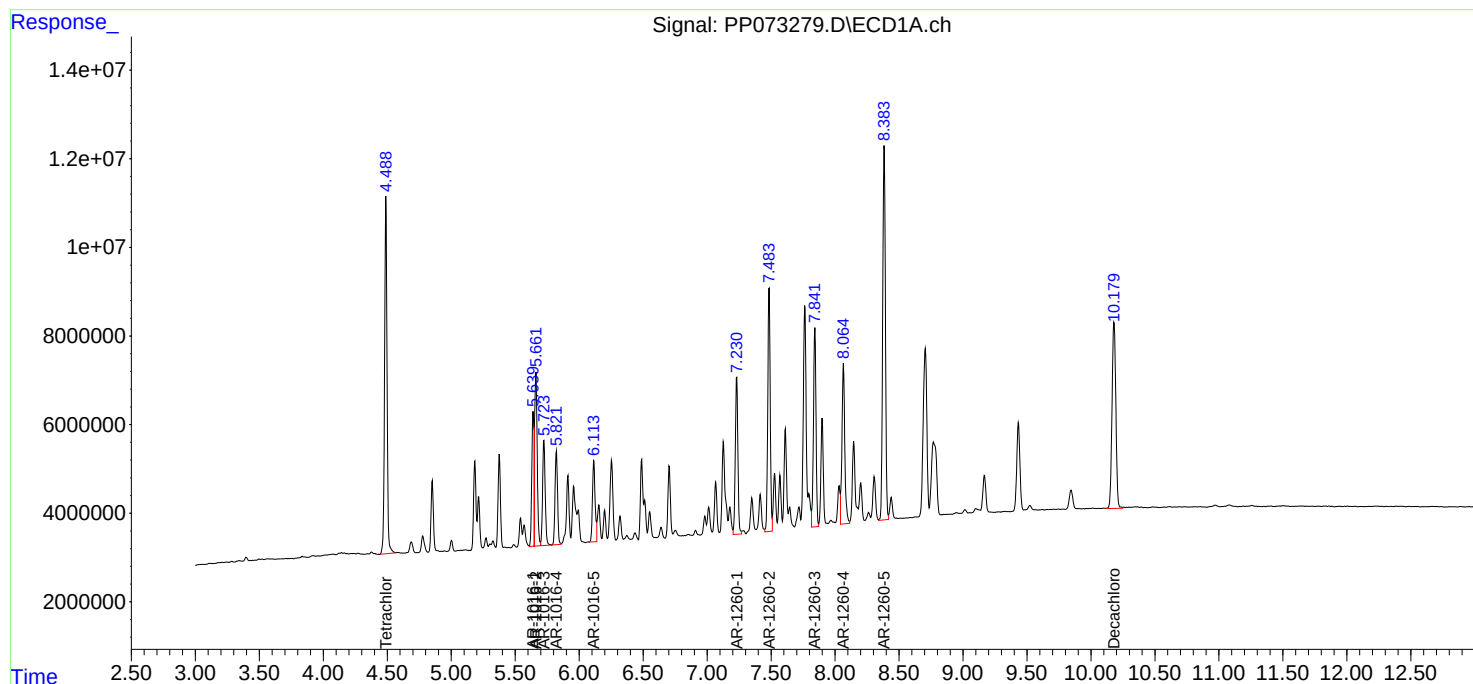
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
Data File : PP073279.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 09:04
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 11:47:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





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

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

Continuing Calib Date: 06/26/2025 Initial Calibration Date(s): 06/17/2025 06/17/2025

Continuing Calib Time: 14:37 Initial Calibration Time(s): 10:04 20:10

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.64	5.65	5.55	5.75	0.01
Aroclor-1016-2	(2)	5.67	5.67	5.57	5.77	0.01
Aroclor-1016-3	(3)	5.73	5.73	5.63	5.83	0.00
Aroclor-1016-4	(4)	5.82	5.83	5.73	5.93	0.01
Aroclor-1016-5	(5)	6.12	6.12	6.02	6.22	0.00
Aroclor-1260-1	(1)	7.23	7.24	7.14	7.34	0.01
Aroclor-1260-2	(2)	7.49	7.49	7.39	7.59	0.00
Aroclor-1260-3	(3)	7.84	7.85	7.75	7.95	0.01
Aroclor-1260-4	(4)	8.07	8.07	7.97	8.17	0.00
Aroclor-1260-5	(5)	8.39	8.39	8.29	8.49	0.00
Tetrachloro-m-xylene		4.49	4.49	4.39	4.59	0.00
Decachlorobiphenyl		10.18	10.19	10.09	10.29	0.01



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

Continuing Calib Date: 06/26/2025 Initial Calibration Date(s): 06/17/2025 06/17/2025

Continuing Calib Time: 14:37 Initial Calibration Time(s): 10:04 20:10

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.87	4.87	4.77	4.97	0.01
Aroclor-1016-2	(2)	4.88	4.89	4.79	4.99	0.01
Aroclor-1016-3	(3)	5.06	5.06	4.96	5.16	0.00
Aroclor-1016-4	(4)	5.10	5.10	5.00	5.20	0.00
Aroclor-1016-5	(5)	5.31	5.32	5.22	5.42	0.01
Aroclor-1260-1	(1)	6.34	6.35	6.25	6.45	0.01
Aroclor-1260-2	(2)	6.53	6.54	6.44	6.64	0.01
Aroclor-1260-3	(3)	6.69	6.69	6.59	6.79	0.01
Aroclor-1260-4	(4)	7.16	7.16	7.06	7.26	0.00
Aroclor-1260-5	(5)	7.40	7.40	7.30	7.50	0.00
Tetrachloro-m-xylene		3.79	3.79	3.69	3.89	0.00
Decachlorobiphenyl		8.79	8.80	8.70	8.90	0.01



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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No.: CCAL02 Date Analyzed: 06/26/2025

Lab Sample No.: AR1660CCC500 Data File : PP073294.D Time Analyzed: 14:37

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.643	5.546	5.746	477.730	500.000	-4.5
Aroclor-1016-2	5.665	5.567	5.767	514.610	500.000	2.9
Aroclor-1016-3	5.727	5.629	5.829	507.950	500.000	1.6
Aroclor-1016-4	5.824	5.727	5.927	534.040	500.000	6.8
Aroclor-1016-5	6.116	6.019	6.219	509.130	500.000	1.8
Aroclor-1260-1	7.233	7.136	7.336	554.370	500.000	10.9
Aroclor-1260-2	7.486	7.389	7.589	530.980	500.000	6.2
Aroclor-1260-3	7.844	7.747	7.947	525.830	500.000	5.2
Aroclor-1260-4	8.068	7.971	8.171	527.090	500.000	5.4
Aroclor-1260-5	8.386	8.288	8.488	505.830	500.000	1.2
Decachlorobiphenyl	10.182	10.087	10.287	51.630	50.000	3.3
Tetrachloro-m-xylene	4.492	4.394	4.594	49.270	50.000	-1.5



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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No.: CCAL02 Date Analyzed: 06/26/2025

Lab Sample No.: AR1660CCC500 Data File : PP073294.D Time Analyzed: 14:37

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.865	4.768	4.968	475.950	500.000	-4.8
Aroclor-1016-2	4.882	4.786	4.986	486.130	500.000	-2.8
Aroclor-1016-3	5.059	4.962	5.162	484.990	500.000	-3.0
Aroclor-1016-4	5.100	5.004	5.204	478.600	500.000	-4.3
Aroclor-1016-5	5.314	5.218	5.418	545.720	500.000	9.1
Aroclor-1260-1	6.344	6.249	6.449	518.030	500.000	3.6
Aroclor-1260-2	6.534	6.438	6.638	531.220	500.000	6.2
Aroclor-1260-3	6.685	6.589	6.789	499.440	500.000	-0.1
Aroclor-1260-4	7.155	7.060	7.260	498.560	500.000	-0.3
Aroclor-1260-5	7.396	7.302	7.502	503.650	500.000	0.7
Decachlorobiphenyl	8.790	8.697	8.897	52.420	50.000	4.8
Tetrachloro-m-xylene	3.786	3.688	3.888	49.210	50.000	-1.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
 Data File : PP073294.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jun 2025 14:37
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 23:27:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 08:17:15 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.492	3.786	104.0E6	88661070	49.269	49.207
2)	SA Decachlor...	10.182	8.790	88223362	69963890	51.626	52.419m
Target Compounds							
3)	L1 AR-1016-1	5.643	4.865	34717270	32706237	477.729	475.951
4)	L1 AR-1016-2	5.665	4.882	53530592	48923771	514.615	486.134
5)	L1 AR-1016-3	5.727	5.059	33193666	26536704	507.949	484.988
6)	L1 AR-1016-4	5.824	5.100	27920268	21321611	534.044	478.604
7)	L1 AR-1016-5	6.116	5.314	25458854	30168569	509.125	545.718
31)	L7 AR-1260-1	7.233	6.344	48902805	49072948	554.370	518.026
32)	L7 AR-1260-2	7.486	6.534	72151376	61853042	530.979	531.218
33)	L7 AR-1260-3	7.844	6.685	60024873	52021864	525.832	499.437
34)	L7 AR-1260-4	8.068	7.155	54313765	43743184	527.085	498.563
35)	L7 AR-1260-5	8.386	7.396	121.7E6	107.5E6	505.829	503.652

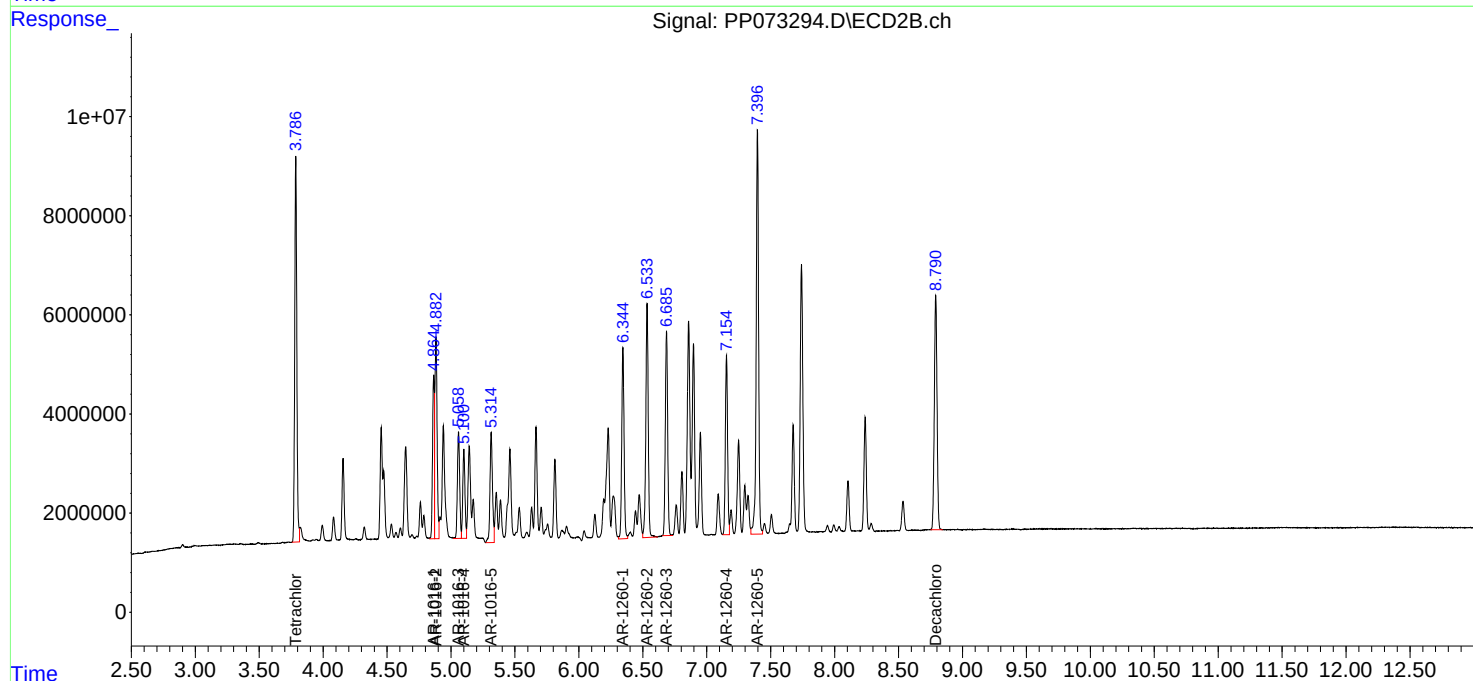
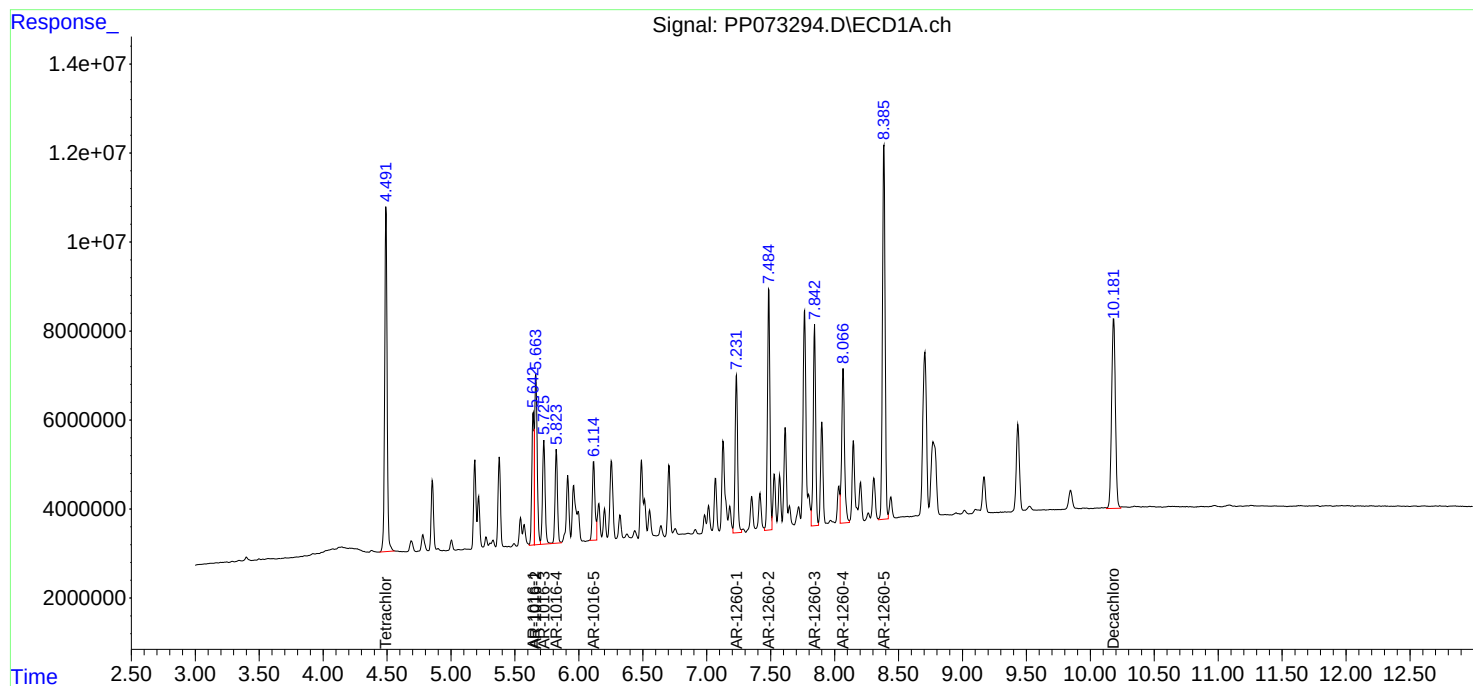
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
Data File : PP073294.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 14:37
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:27:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

Continuing Calib Date: 06/26/2025 Initial Calibration Date(s): 06/17/2025 06/17/2025

Continuing Calib Time: 19:30 Initial Calibration Time(s): 10:04 20:10

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.64	5.65	5.55	5.75	0.01
Aroclor-1016-2	(2)	5.66	5.67	5.57	5.77	0.01
Aroclor-1016-3	(3)	5.72	5.73	5.63	5.83	0.01
Aroclor-1016-4	(4)	5.82	5.83	5.73	5.93	0.01
Aroclor-1016-5	(5)	6.11	6.12	6.02	6.22	0.01
Aroclor-1260-1	(1)	7.23	7.24	7.14	7.34	0.01
Aroclor-1260-2	(2)	7.48	7.49	7.39	7.59	0.01
Aroclor-1260-3	(3)	7.84	7.85	7.75	7.95	0.01
Aroclor-1260-4	(4)	8.07	8.07	7.97	8.17	0.01
Aroclor-1260-5	(5)	8.38	8.39	8.29	8.49	0.01
Tetrachloro-m-xylene		4.49	4.49	4.39	4.59	0.00
Decachlorobiphenyl		10.18	10.19	10.09	10.29	0.01



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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

Continuing Calib Date: 06/26/2025 Initial Calibration Date(s): 06/17/2025 06/17/2025

Continuing Calib Time: 19:30 Initial Calibration Time(s): 10:04 20:10

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.88	4.87	4.77	4.97	-0.01
Aroclor-1016-2	(2)	4.90	4.89	4.79	4.99	-0.01
Aroclor-1016-3	(3)	5.08	5.06	4.96	5.16	-0.02
Aroclor-1016-4	(4)	5.12	5.10	5.00	5.20	-0.02
Aroclor-1016-5	(5)	5.33	5.32	5.22	5.42	-0.01
Aroclor-1260-1	(1)	6.37	6.35	6.25	6.45	-0.01
Aroclor-1260-2	(2)	6.55	6.54	6.44	6.64	-0.01
Aroclor-1260-3	(3)	6.71	6.69	6.59	6.79	-0.02
Aroclor-1260-4	(4)	7.18	7.16	7.06	7.26	-0.02
Aroclor-1260-5	(5)	7.42	7.40	7.30	7.50	-0.02
Tetrachloro-m-xylene		3.81	3.79	3.69	3.89	-0.02
Decachlorobiphenyl		8.81	8.80	8.70	8.90	-0.01



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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No.: CCAL03 Date Analyzed: 06/26/2025

Lab Sample No.: AR1660CCC500 Data File : PP073309.D Time Analyzed: 19:30

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.640	5.546	5.746	451.620	500.000	-9.7
Aroclor-1016-2	5.662	5.567	5.767	494.360	500.000	-1.1
Aroclor-1016-3	5.724	5.629	5.829	490.840	500.000	-1.8
Aroclor-1016-4	5.821	5.727	5.927	522.060	500.000	4.4
Aroclor-1016-5	6.113	6.019	6.219	481.760	500.000	-3.6
Aroclor-1260-1	7.230	7.136	7.336	513.110	500.000	2.6
Aroclor-1260-2	7.483	7.389	7.589	481.840	500.000	-3.6
Aroclor-1260-3	7.842	7.747	7.947	473.110	500.000	-5.4
Aroclor-1260-4	8.065	7.971	8.171	460.670	500.000	-7.9
Aroclor-1260-5	8.383	8.288	8.488	459.970	500.000	-8.0
Decachlorobiphenyl	10.178	10.087	10.287	47.810	50.000	-4.4
Tetrachloro-m-xylene	4.490	4.394	4.594	47.870	50.000	-4.3



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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No.: CCAL03 Date Analyzed: 06/26/2025

Lab Sample No.: AR1660CCC500 Data File : PP073309.D Time Analyzed: 19:30

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.884	4.768	4.968	487.530	500.000	-2.5
Aroclor-1016-2	4.902	4.786	4.986	475.770	500.000	-4.8
Aroclor-1016-3	5.079	4.962	5.162	480.790	500.000	-3.8
Aroclor-1016-4	5.121	5.004	5.204	474.850	500.000	-5.0
Aroclor-1016-5	5.334	5.218	5.418	533.340	500.000	6.7
Aroclor-1260-1	6.365	6.249	6.449	483.000	500.000	-3.4
Aroclor-1260-2	6.554	6.438	6.638	508.980	500.000	1.8
Aroclor-1260-3	6.706	6.589	6.789	485.230	500.000	-3.0
Aroclor-1260-4	7.175	7.060	7.260	463.340	500.000	-7.3
Aroclor-1260-5	7.417	7.302	7.502	476.860	500.000	-4.6
Decachlorobiphenyl	8.811	8.697	8.897	51.100	50.000	2.2
Tetrachloro-m-xylene	3.806	3.688	3.888	49.010	50.000	-2.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
 Data File : PP073309.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jun 2025 19:30
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 23:32:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 08:17:15 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.490	3.806	101.0E6	88298956	47.865	49.006
2) SA Decachlor...	10.178	8.811	81705978	68201865	47.812	51.098
Target Compounds						
3) L1 AR-1016-1	5.640	4.884	32820190	33501711	451.624	487.527
4) L1 AR-1016-2	5.662	4.902	51423691	47880486	494.360	475.767m
5) L1 AR-1016-3	5.724	5.079	32075453	26306769	490.838	480.786
6) L1 AR-1016-4	5.821	5.121	27293923	21154491	522.063	474.852
7) L1 AR-1016-5	6.113	5.334	24090328	29484059	481.757	533.336
31) L7 AR-1260-1	7.230	6.365	45263549	45754429	513.114	482.995
32) L7 AR-1260-2	7.483	6.554	65474319	59263580	481.841	508.979
33) L7 AR-1260-3	7.842	6.706	54006961	50542553	473.114	485.235
34) L7 AR-1260-4	8.065	7.175	47470458	40652902	460.675	463.342
35) L7 AR-1260-5	8.383	7.417	110.7E6	101.8E6	459.967	476.859

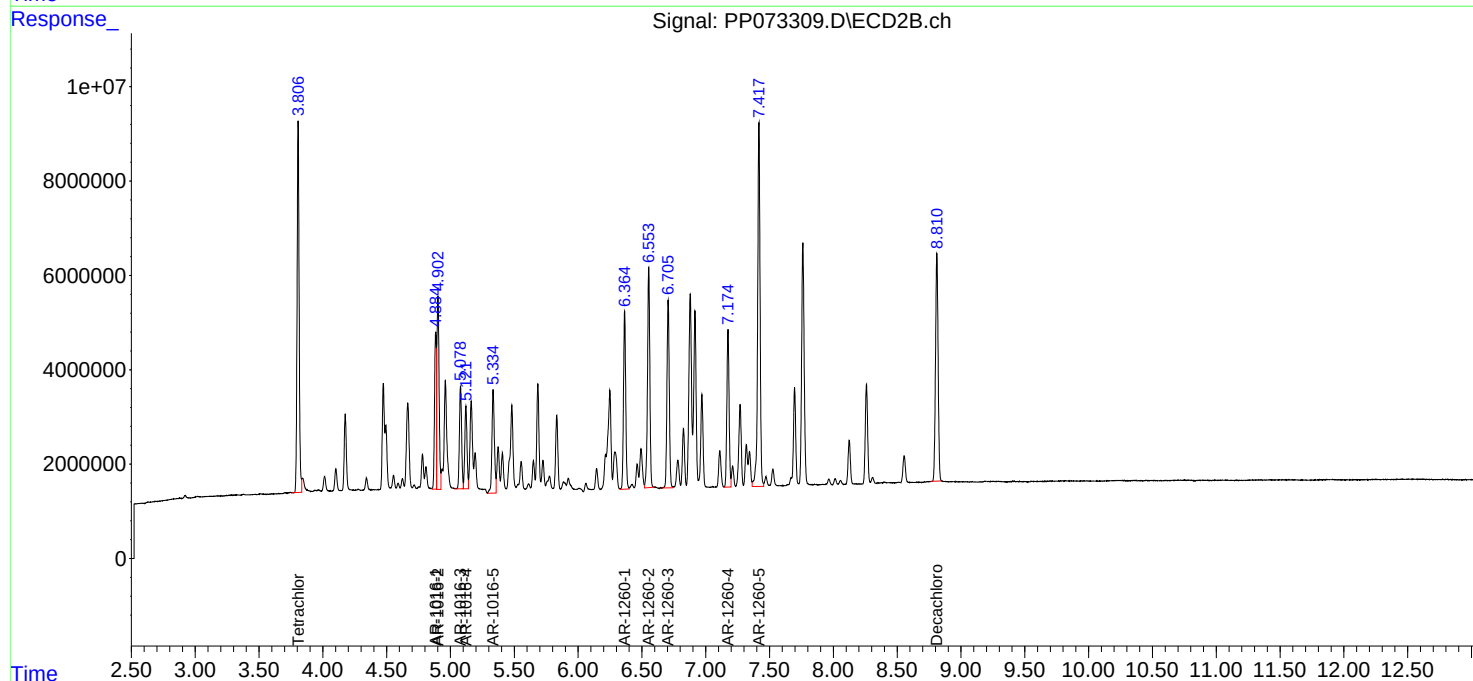
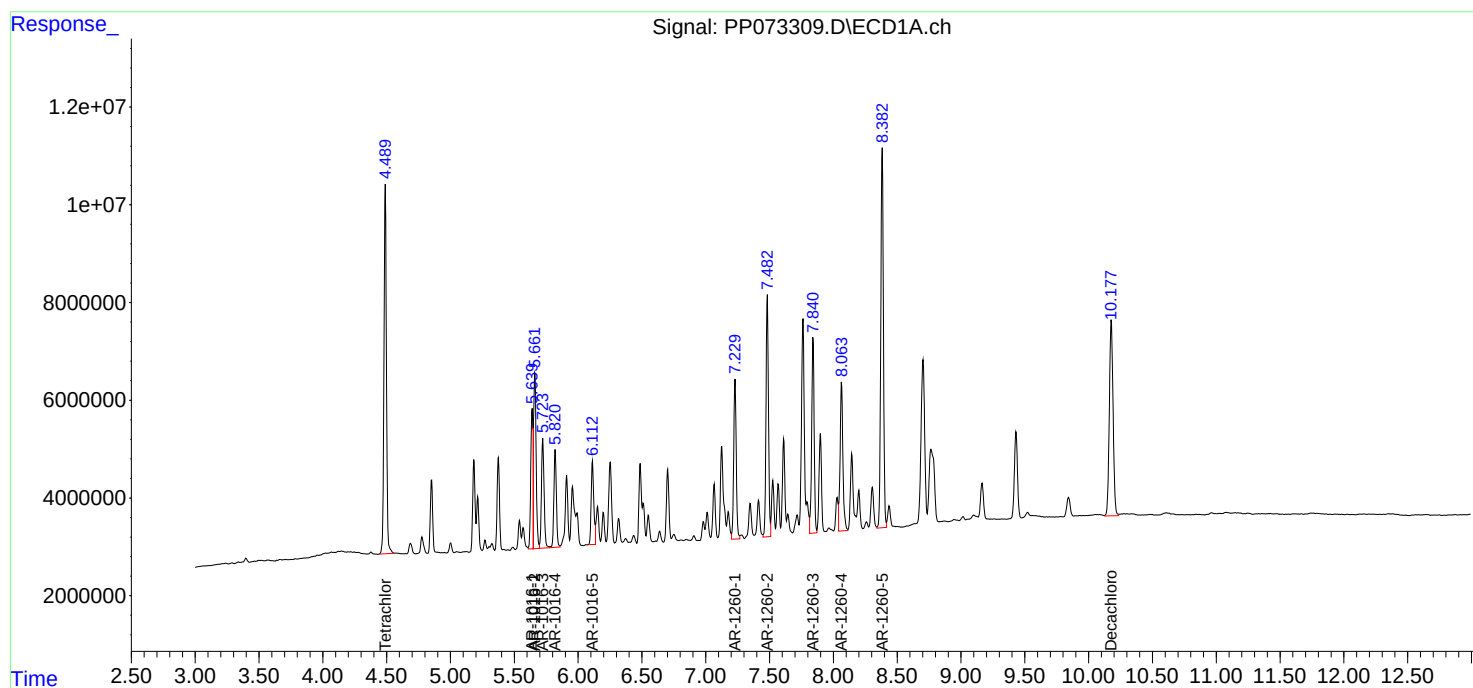
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
Data File : PP073309.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 19:30
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:32:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Analytical Sequence

Client: CDM Smith	SDG No.: Q2413
Project: South River WM Replacement	Instrument ID: ECD_P
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 06/17/2025 06/17/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	06/17/2025	09:47	PP072990.D	10.19	4.49
AR1660ICC1000	AR1660ICC1000	06/17/2025	10:04	PP072991.D	10.19	4.49
AR1660ICC750	AR1660ICC750	06/17/2025	10:20	PP072992.D	10.19	4.49
AR1660ICC500	AR1660ICC500	06/17/2025	10:37	PP072993.D	10.19	4.49
AR1660ICC250	AR1660ICC250	06/17/2025	10:53	PP072994.D	10.19	4.49
AR1660ICC050	AR1660ICC050	06/17/2025	11:43	PP072995.D	10.19	4.50
AR1221ICC500	AR1221ICC500	06/17/2025	12:00	PP072996.D	10.18	4.49
AR1232ICC500	AR1232ICC500	06/17/2025	12:16	PP072997.D	10.19	4.50
AR1242ICC1000	AR1242ICC1000	06/17/2025	14:27	PP072998.D	10.19	4.49
AR1242ICC750	AR1242ICC750	06/17/2025	14:43	PP072999.D	10.19	4.49
AR1242ICC500	AR1242ICC500	06/17/2025	15:00	PP073000.D	10.19	4.49
AR1242ICC250	AR1242ICC250	06/17/2025	15:16	PP073001.D	10.19	4.49
AR1242ICC050	AR1242ICC050	06/17/2025	15:32	PP073002.D	10.18	4.49
AR1248ICC1000	AR1248ICC1000	06/17/2025	15:49	PP073003.D	10.19	4.49
AR1248ICC750	AR1248ICC750	06/17/2025	16:21	PP073004.D	10.19	4.49
AR1248ICC500	AR1248ICC500	06/17/2025	16:37	PP073005.D	10.19	4.49
AR1248ICC250	AR1248ICC250	06/17/2025	16:54	PP073006.D	10.19	4.49
AR1248ICC050	AR1248ICC050	06/17/2025	17:10	PP073007.D	10.18	4.49
AR1254ICC1000	AR1254ICC1000	06/17/2025	17:26	PP073008.D	10.19	4.49
AR1254ICC750	AR1254ICC750	06/17/2025	17:43	PP073009.D	10.19	4.49
AR1254ICC500	AR1254ICC500	06/17/2025	17:59	PP073010.D	10.19	4.49
AR1254ICC250	AR1254ICC250	06/17/2025	18:15	PP073011.D	10.19	4.49
AR1254ICC050	AR1254ICC050	06/17/2025	18:32	PP073012.D	10.19	4.49
AR1262ICC500	AR1262ICC500	06/17/2025	18:48	PP073013.D	10.19	4.49
AR1268ICC1000	AR1268ICC1000	06/17/2025	19:04	PP073014.D	10.19	4.49
AR1268ICC750	AR1268ICC750	06/17/2025	19:21	PP073015.D	10.18	4.49
AR1268ICC500	AR1268ICC500	06/17/2025	19:37	PP073016.D	10.18	4.49
AR1268ICC250	AR1268ICC250	06/17/2025	19:53	PP073017.D	10.19	4.50
AR1268ICC050	AR1268ICC050	06/17/2025	20:10	PP073018.D	10.18	4.49
AR1660CCC500	AR1660CCC500	06/26/2025	09:04	PP073279.D	10.18	4.49
IBLK	IBLK	06/26/2025	10:09	PP073283.D	10.18	4.49
PB168622BL	PB168622BL	06/26/2025	12:25	PP073289.D	10.18	4.49
PB168622BS	PB168622BS	06/26/2025	12:42	PP073290.D	10.18	4.49
COP-SOIL-PILEMS	Q2409-02MS	06/26/2025	13:15	PP073292.D	10.18	4.49
COP-SOIL-PILEMSD	Q2409-02MSD	06/26/2025	13:31	PP073293.D	10.18	4.49
AR1660CCC500	AR1660CCC500	06/26/2025	14:37	PP073294.D	10.18	4.49
IBLK	IBLK	06/26/2025	15:42	PP073298.D	10.18	4.49
TP-35	Q2413-01	06/26/2025	15:58	PP073299.D	10.18	4.49
TP-34	Q2413-02	06/26/2025	16:15	PP073300.D	10.18	4.49
TP-77	Q2413-03	06/26/2025	16:31	PP073301.D	10.18	4.49
TP-74	Q2413-04	06/26/2025	16:47	PP073302.D	10.18	4.49
TP-73	Q2413-05	06/26/2025	17:04	PP073303.D	10.18	4.49

Analytical Sequence

TP-72	Q2413-06	06/26/2025	17:20	PP073304.D	10.18	4.49
AR1660CCC500	AR1660CCC500	06/26/2025	19:30	PP073309.D	10.18	4.49
1.BLK	1.BLK	06/26/2025	20:35	PP073313.D	10.18	4.49

Analytical Sequence

Client: CDM Smith

SDG No.: Q2413

Project: South River WM Replacement

Instrument ID: ECD_P

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 06/17/2025

06/17/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	06/17/2025	09:47	PP072990.D	8.80	3.79
AR1660ICC1000	AR1660ICC1000	06/17/2025	10:04	PP072991.D	8.80	3.79
AR1660ICC750	AR1660ICC750	06/17/2025	10:20	PP072992.D	8.80	3.79
AR1660ICC500	AR1660ICC500	06/17/2025	10:37	PP072993.D	8.80	3.79
AR1660ICC250	AR1660ICC250	06/17/2025	10:53	PP072994.D	8.80	3.79
AR1660ICC050	AR1660ICC050	06/17/2025	11:43	PP072995.D	8.80	3.79
AR1221ICC500	AR1221ICC500	06/17/2025	12:00	PP072996.D	8.80	3.79
AR1232ICC500	AR1232ICC500	06/17/2025	12:16	PP072997.D	8.80	3.79
AR1242ICC1000	AR1242ICC1000	06/17/2025	14:27	PP072998.D	8.80	3.79
AR1242ICC750	AR1242ICC750	06/17/2025	14:43	PP072999.D	8.80	3.79
AR1242ICC500	AR1242ICC500	06/17/2025	15:00	PP073000.D	8.80	3.79
AR1242ICC250	AR1242ICC250	06/17/2025	15:16	PP073001.D	8.80	3.79
AR1242ICC050	AR1242ICC050	06/17/2025	15:32	PP073002.D	8.80	3.79
AR1248ICC1000	AR1248ICC1000	06/17/2025	15:49	PP073003.D	8.80	3.79
AR1248ICC750	AR1248ICC750	06/17/2025	16:21	PP073004.D	8.80	3.79
AR1248ICC500	AR1248ICC500	06/17/2025	16:37	PP073005.D	8.80	3.79
AR1248ICC250	AR1248ICC250	06/17/2025	16:54	PP073006.D	8.80	3.79
AR1248ICC050	AR1248ICC050	06/17/2025	17:10	PP073007.D	8.80	3.79
AR1254ICC1000	AR1254ICC1000	06/17/2025	17:26	PP073008.D	8.80	3.79
AR1254ICC750	AR1254ICC750	06/17/2025	17:43	PP073009.D	8.80	3.79
AR1254ICC500	AR1254ICC500	06/17/2025	17:59	PP073010.D	8.80	3.79
AR1254ICC250	AR1254ICC250	06/17/2025	18:15	PP073011.D	8.80	3.79
AR1254ICC050	AR1254ICC050	06/17/2025	18:32	PP073012.D	8.80	3.79
AR1262ICC500	AR1262ICC500	06/17/2025	18:48	PP073013.D	8.80	3.79
AR1268ICC1000	AR1268ICC1000	06/17/2025	19:04	PP073014.D	8.80	3.79
AR1268ICC750	AR1268ICC750	06/17/2025	19:21	PP073015.D	8.80	3.79
AR1268ICC500	AR1268ICC500	06/17/2025	19:37	PP073016.D	8.80	3.79
AR1268ICC250	AR1268ICC250	06/17/2025	19:53	PP073017.D	8.80	3.79
AR1268ICC050	AR1268ICC050	06/17/2025	20:10	PP073018.D	8.80	3.79
AR1660CCC500	AR1660CCC500	06/26/2025	09:04	PP073279.D	8.79	3.78
IBLK	IBLK	06/26/2025	10:09	PP073283.D	8.79	3.78
PB168622BL	PB168622BL	06/26/2025	12:25	PP073289.D	8.79	3.79
PB168622BS	PB168622BS	06/26/2025	12:42	PP073290.D	8.79	3.79
COP-SOIL-PILEMS	Q2409-02MS	06/26/2025	13:15	PP073292.D	8.79	3.79
COP-SOIL-PILEMSD	Q2409-02MSD	06/26/2025	13:31	PP073293.D	8.79	3.79
AR1660CCC500	AR1660CCC500	06/26/2025	14:37	PP073294.D	8.79	3.79
IBLK	IBLK	06/26/2025	15:42	PP073298.D	8.79	3.78
TP-35	Q2413-01	06/26/2025	15:58	PP073299.D	8.79	3.79
TP-34	Q2413-02	06/26/2025	16:15	PP073300.D	8.79	3.79
TP-77	Q2413-03	06/26/2025	16:31	PP073301.D	8.79	3.79
TP-74	Q2413-04	06/26/2025	16:47	PP073302.D	8.79	3.79
TP-73	Q2413-05	06/26/2025	17:04	PP073303.D	8.79	3.79

Analytical Sequence

TP-72	Q2413-06	06/26/2025	17:20	PP073304.D	8.79	3.79
AR1660CCC500	AR1660CCC500	06/26/2025	19:30	PP073309.D	8.81	3.81
I.BLK	I.BLK	06/26/2025	20:35	PP073313.D	8.79	3.78



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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB168622BS

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

Lab Sample ID: PB168622BS Date(s) Analyzed: 06/26/2025 06/26/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column: (2): ZB-MR2 ID: 0.32 (mm)

Data file PP073290.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.645	5.595	5.695	154	160	7.12
COLUMN 1	2	5.666	5.616	5.716	164		
	3	5.728	5.678	5.778	161		
	4	5.826	5.776	5.876	167		
	5	6.118	6.068	6.168	157		
	1	4.865	4.815	4.915	147		
COLUMN 2	2	4.882	4.832	4.932	150	149	
	3	5.058	5.008	5.108	151		
	4	5.1	5.05	5.15	147		
	5	5.314	5.264	5.364	149		
Aroclor-1260	1	7.234	7.184	7.284	178	159	1.27
COLUMN 1	2	7.488	7.438	7.538	174		
	3	7.845	7.795	7.895	145		
	4	8.069	8.019	8.119	156		
	5	8.387	8.337	8.437	144		
	1	6.344	6.294	6.394	160	157	
COLUMN 2	2	6.533	6.483	6.583	167		
	3	6.685	6.635	6.735	165		
	4	7.154	7.104	7.204	147		
	5	7.397	7.347	7.447	149		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

COP-SOIL-PILEMS

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

Lab Sample ID: Q2409-02MS Date(s) Analyzed: 06/26/2025 06/26/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column: (2): ZB-MR2 ID: 0.32 (mm)

Data file PP073292.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD	
			FROM	TO				
Aroclor-1016	1	5.644	5.594	5.694	150	163	5.68	
	2	5.665	5.615	5.715	163			
	3	5.728	5.678	5.778	152			
	4	5.824	5.774	5.874	173			
	5	6.117	6.067	6.167	175			
COLUMN 1								
	1	4.865	4.815	4.915	149	154		
	2	4.883	4.833	4.933	148			
	3	5.059	5.009	5.109	154			
	4	5.101	5.051	5.151	162			
5	5.314	5.264	5.364	155				
COLUMN 2								
	1	6.491	6.441	6.541	139	135	25	
	2	6.707	6.657	6.757	114			
	3	7.071	7.021	7.121	67.1			
	4	7.352	7.302	7.402	60.1			
5	7.767	7.717	7.817	297				
Aroclor-1254								
	1	5.665	5.615	5.715	81.2	105		
	2	5.813	5.763	5.863	96.2			
	3	6.228	6.178	6.278	135			
	4	6.443	6.393	6.493	33.4			
5	6.858	6.808	6.908	181				
COLUMN 1								
COLUMN 2								



Aroclor-1260	1	7.233	7.183	7.283	226		
	2	7.487	7.437	7.537	215		
	3	7.845	7.795	7.895	171		
	4	8.068	8.018	8.118	193		
	5	8.387	8.337	8.437	170		
COLUMN 1						195	14.29
	1	6.346	6.296	6.396	183		
	2	6.534	6.484	6.584	180		
	3	6.685	6.635	6.735	172		
	4	7.155	7.105	7.205	154		
5	7.397	7.347	7.447	158			
					169		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

COP-SOIL-PILEMSD

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

Lab Sample ID: Q2409-02MSD Date(s) Analyzed: 06/26/2025 06/26/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column: (2): ZB-MR2 ID: 0.32 (mm)

Data file PP073293.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.64	5.59	5.69	153	163	3.12
COLUMN 1	2	5.662	5.612	5.712	164		
	3	5.725	5.675	5.775	154		
	4	5.821	5.771	5.871	169		
	5	6.113	6.063	6.163	175		
COLUMN 2	1	4.864	4.814	4.914	153	158	
	2	4.882	4.832	4.932	153		
	3	5.058	5.008	5.108	156		
	4	5.1	5.05	5.15	167		
	5	5.313	5.263	5.363	160		
Aroclor-1254	1	6.487	6.437	6.537	122	126	13.56
COLUMN 1	2	6.703	6.653	6.753	108		
	3	7.068	7.018	7.118	70.2		
	4	7.349	7.299	7.399	62.3		
	5	7.763	7.713	7.813	268		
COLUMN 2	1	5.664	5.614	5.714	84.5	110	
	2	5.812	5.762	5.862	99.9		
	3	6.226	6.176	6.276	142		
	4	6.441	6.391	6.491	35.8		
	5	6.858	6.808	6.908	189		

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



QC SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB168622BL	SDG No.:	Q2413
Lab Sample ID:	PB168622BL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073289.D	1	06/26/25 08:20	06/26/25 12:25	PB168622

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.90	U	3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	4.00	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	5.90	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	3.20	U	3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.3		32 - 144	96%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.1		32 - 175	106%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
Data File : PP073289.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 12:25
Operator : YP\AJ
Sample : PB168622BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB168622BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 13:26:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.491	3.785	40650490	33805304	19.258	18.762
2) SA Decachlor...	10.180	8.790	34131795	28222502	19.973	21.145

Target Compounds

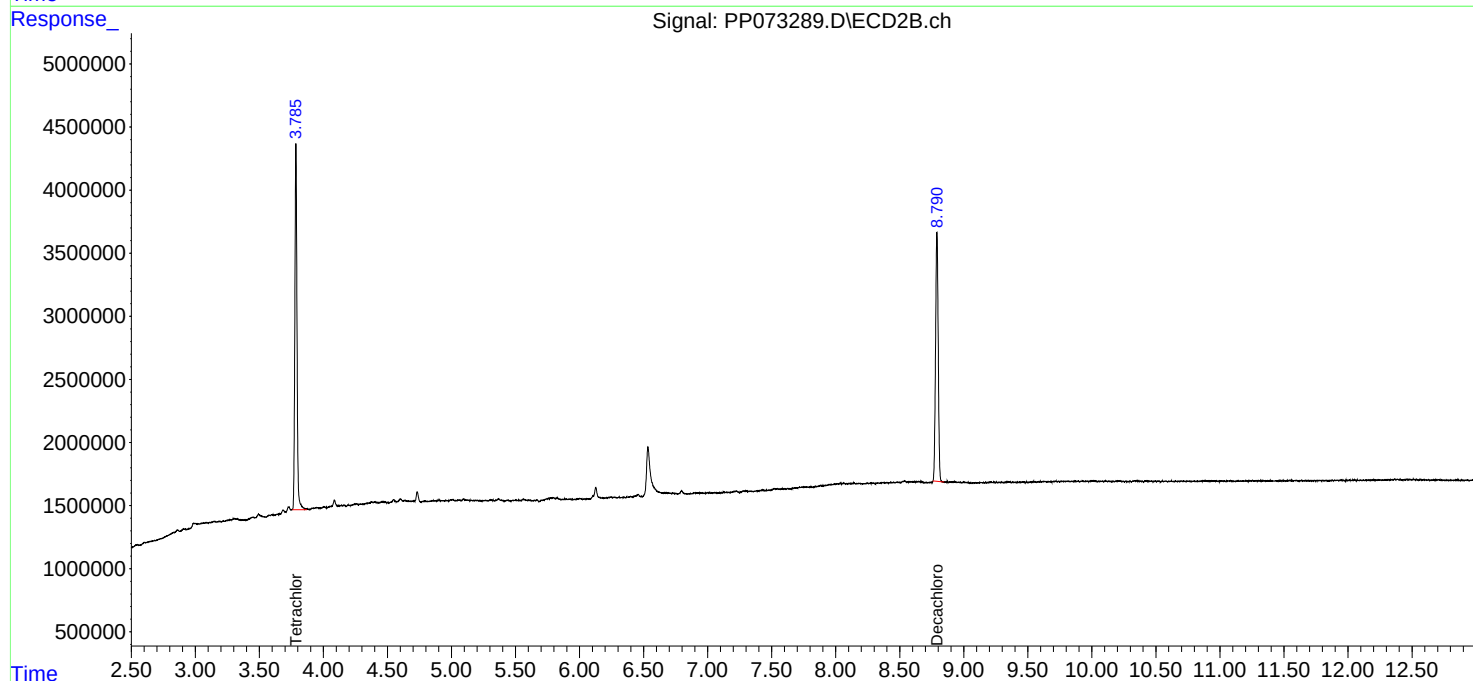
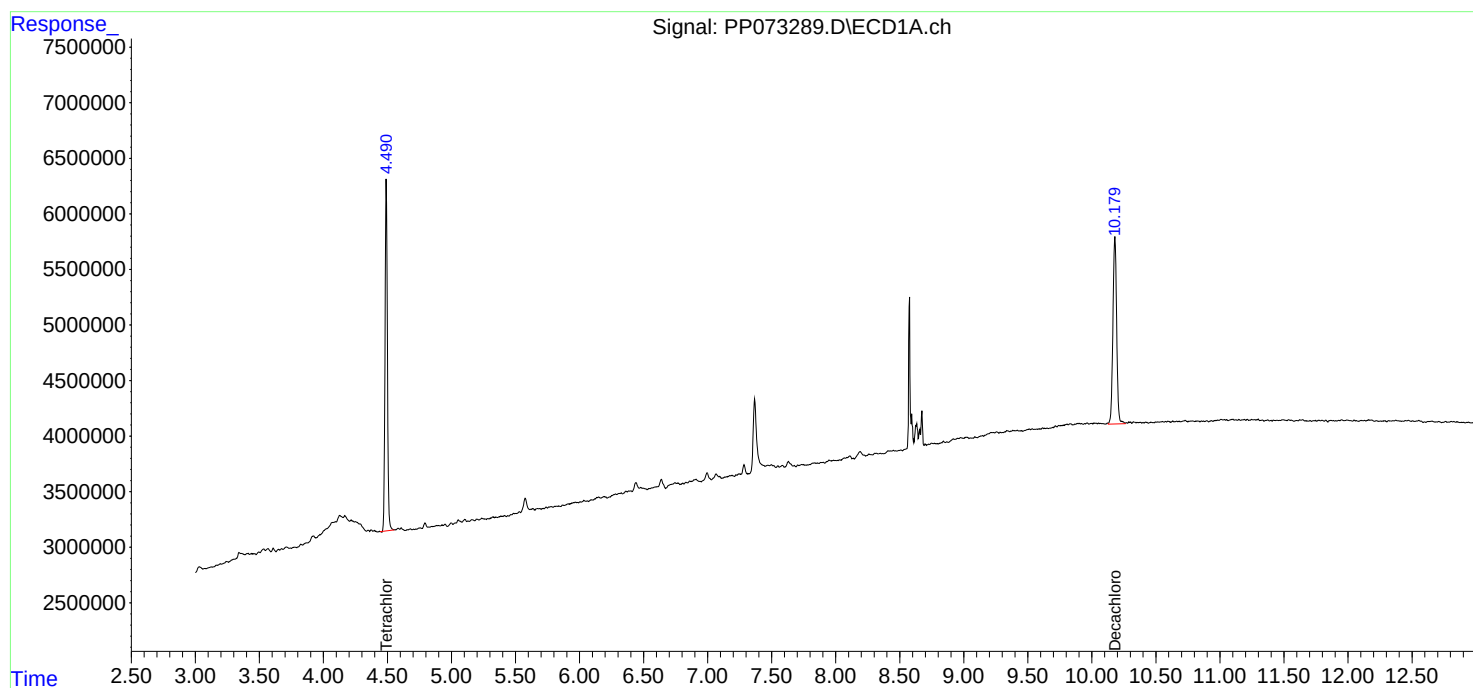
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
Data File : PP073289.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 12:25
Operator : YP\AJ
Sample : PB168622BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

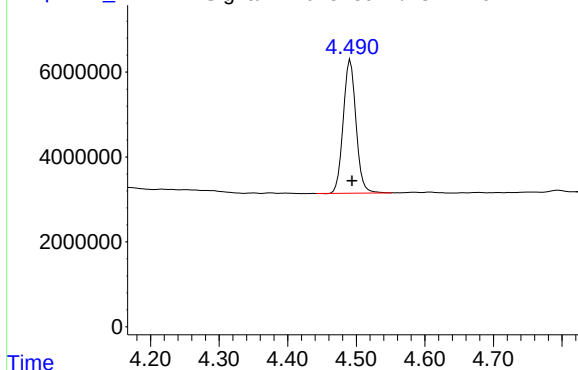
Instrument :
ECD_P
ClientSampleId :
PB168622BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 13:26:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Response_ Signal: PP073289.D\ECD1A.ch

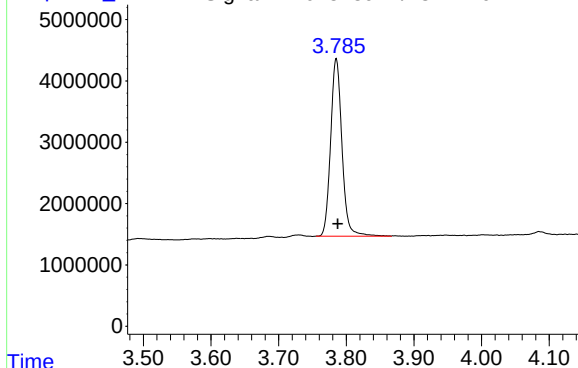


#1 Tetrachloro-m-xylene

R.T.: 4.491 min
Delta R.T.: -0.003 min
Response: 40650490
Conc: 19.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB168622BL

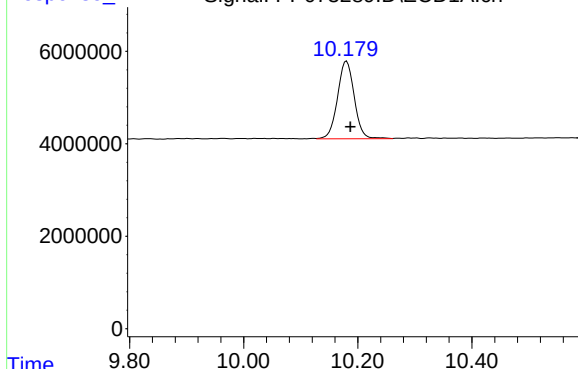
Response_ Signal: PP073289.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.785 min
Delta R.T.: -0.002 min
Response: 33805304
Conc: 18.76 ng/ml

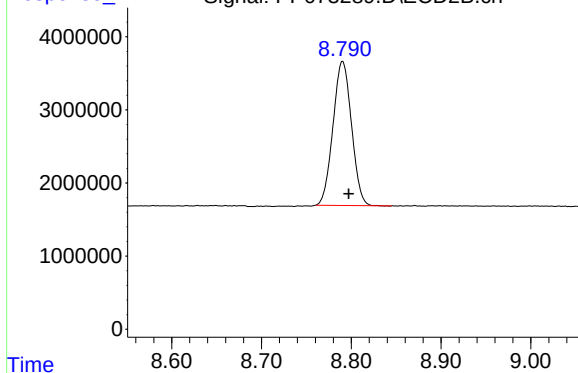
Response_ Signal: PP073289.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 10.180 min
Delta R.T.: -0.007 min
Response: 34131795
Conc: 19.97 ng/ml

Response_ Signal: PP073289.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.790 min
Delta R.T.: -0.007 min
Response: 28222502
Conc: 21.14 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	06/17/25
Project:	South River WM Replacement	Date Received:	06/17/25
Client Sample ID:	PIBLK-PP072990.D	SDG No.:	Q2413
Lab Sample ID:	I.BLK-PP072990.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072990.D	1		06/17/25	pp061725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.3		60 - 140	86%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.2		60 - 140	86%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP072990.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 09:47
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 08:19:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.493	3.787	36444462	32452614	17.266	18.011
2) SA Decachlor...	10.186	8.797	31234901	22967361	18.278	17.208

Target Compounds

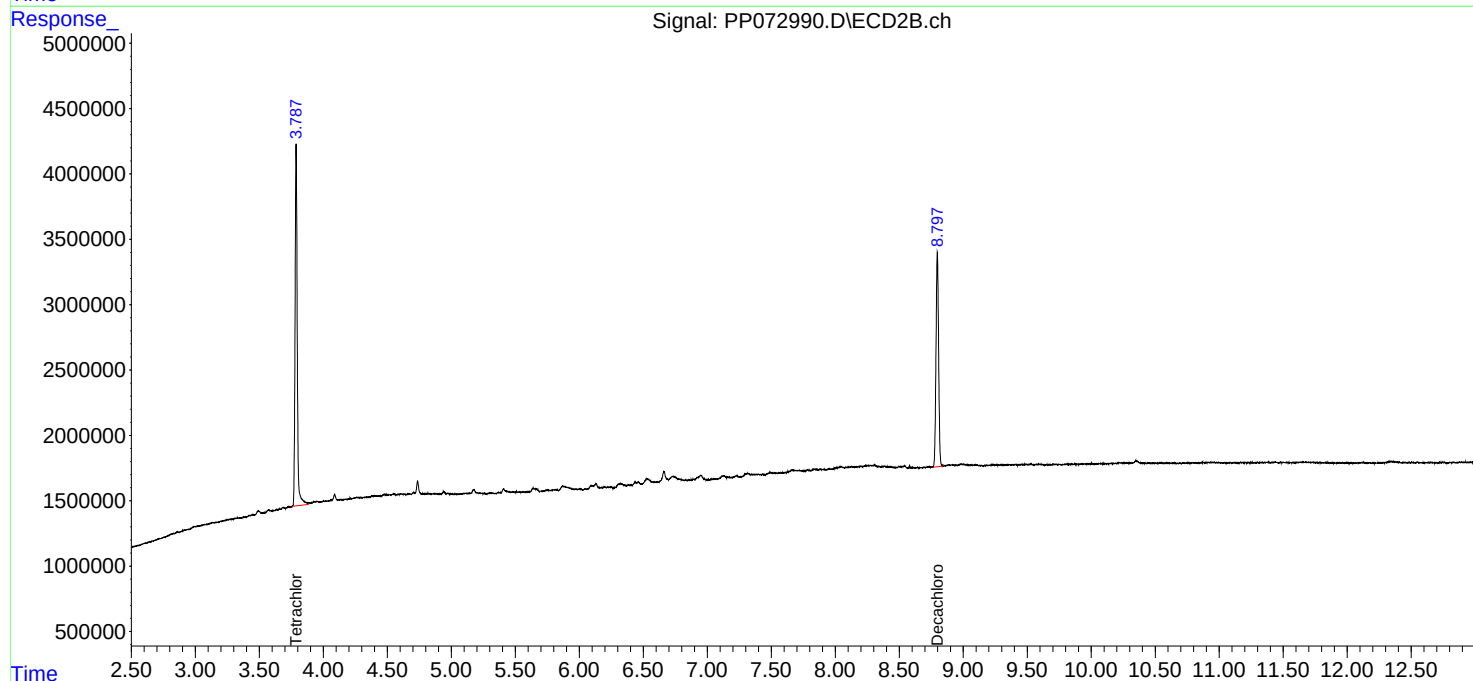
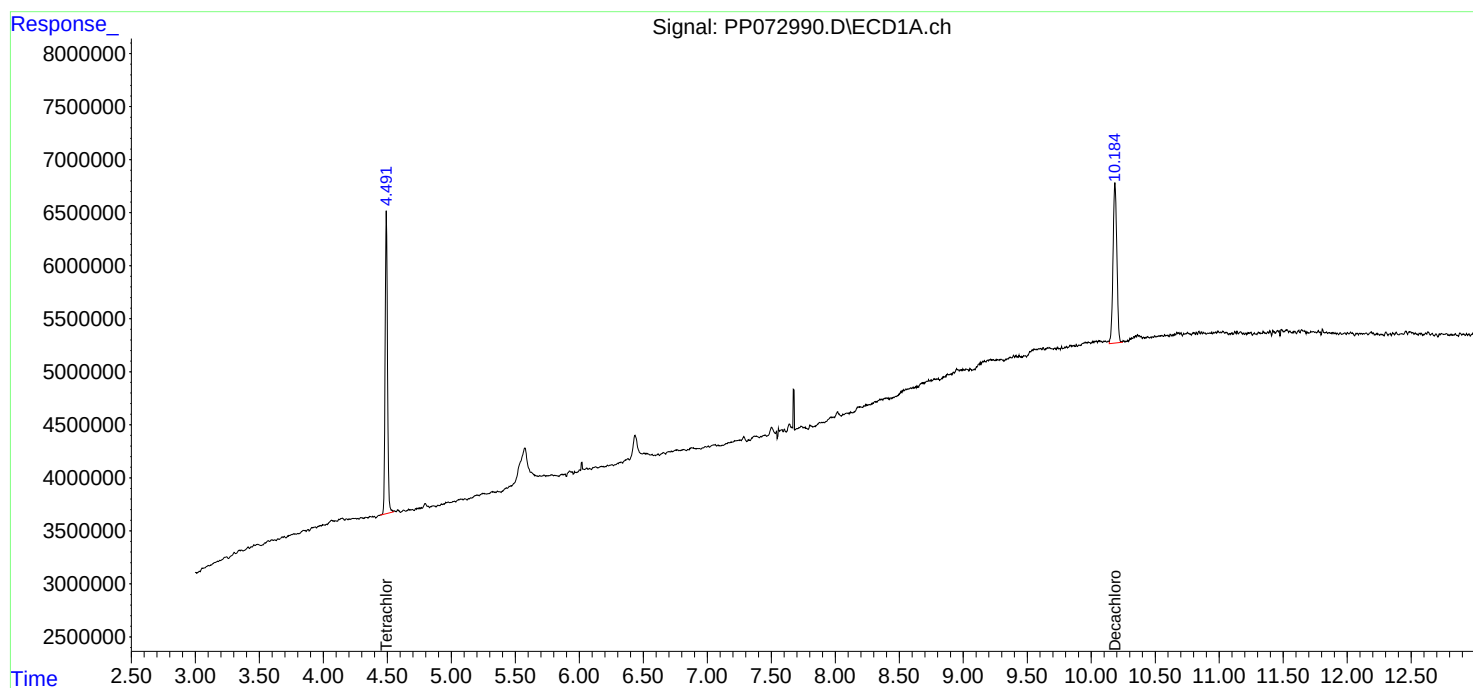
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

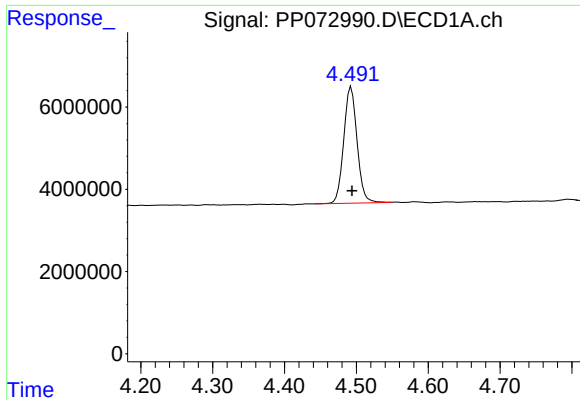
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP072990.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 09:47
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 08:19:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

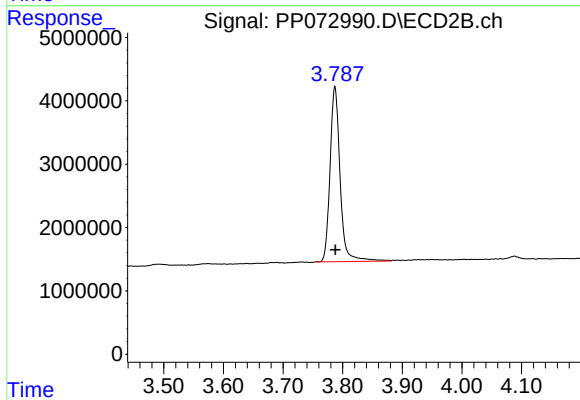




#1 Tetrachloro-m-xylene

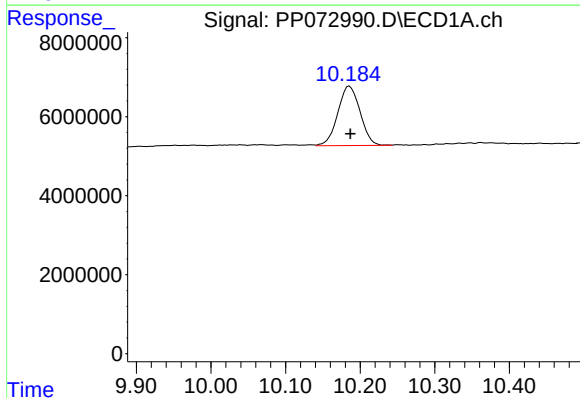
R.T.: 4.493 min
Delta R.T.: -0.001 min
Response: 36444462
Conc: 17.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



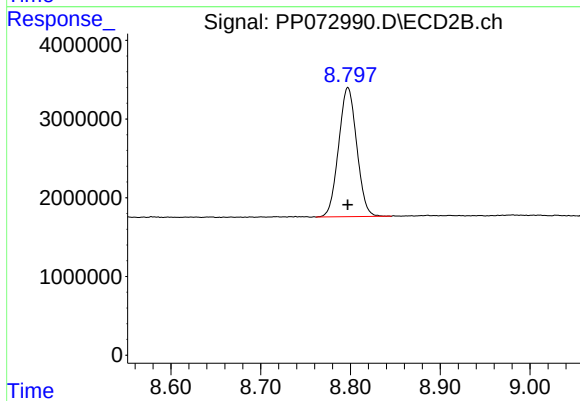
#1 Tetrachloro-m-xylene

R.T.: 3.787 min
Delta R.T.: 0.000 min
Response: 32452614
Conc: 18.01 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.186 min
Delta R.T.: -0.001 min
Response: 31234901
Conc: 18.28 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.797 min
Delta R.T.: 0.000 min
Response: 22967361
Conc: 17.21 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	06/26/25
Project:	South River WM Replacement	Date Received:	06/26/25
Client Sample ID:	PIBLK-PP073283.D	SDG No.:	Q2413
Lab Sample ID:	I.BLK-PP073283.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073283.D	1		06/26/25	pp062625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.8		60 - 140	94%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.6		60 - 140	93%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
Data File : PP073283.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 10:09
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 11:50:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.491	3.783	39880724	33901778	18.894	18.816
2) SA Decachlor...	10.180	8.788	31873944	27949062	18.652	20.940m

Target Compounds

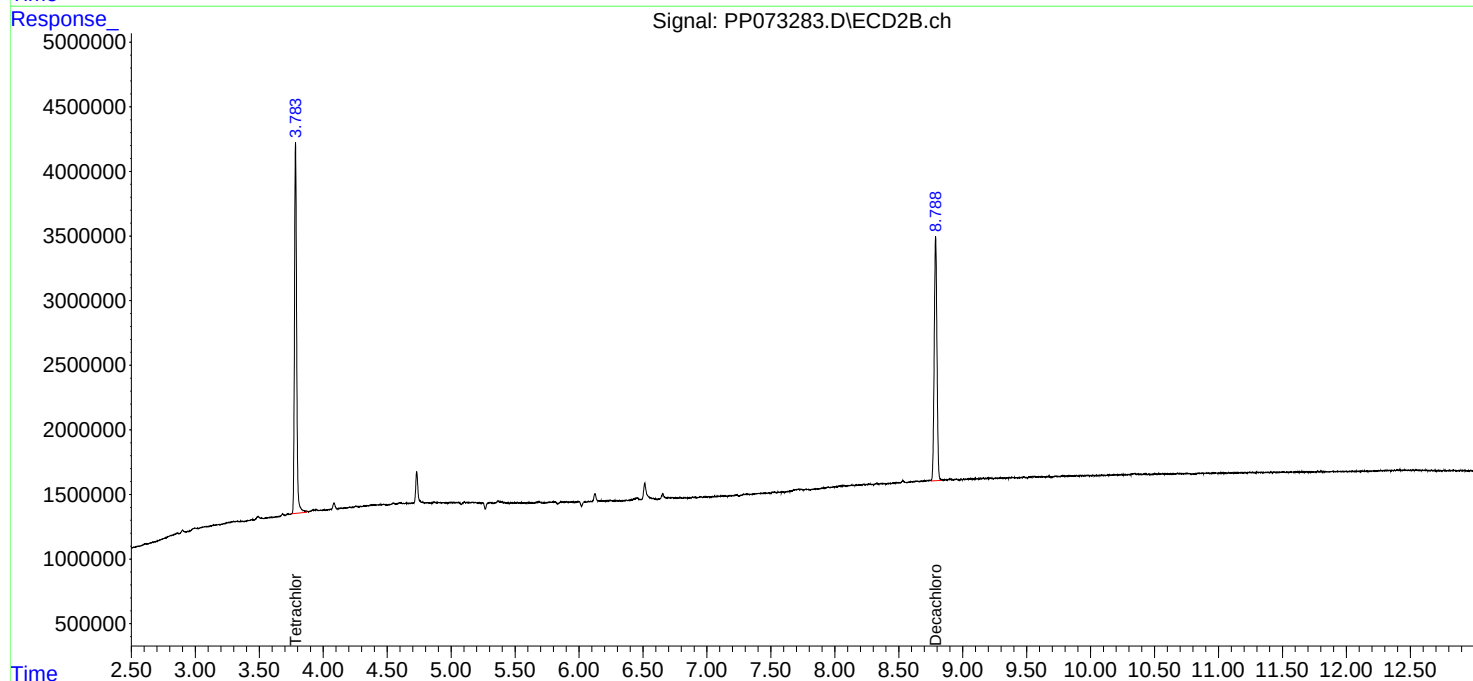
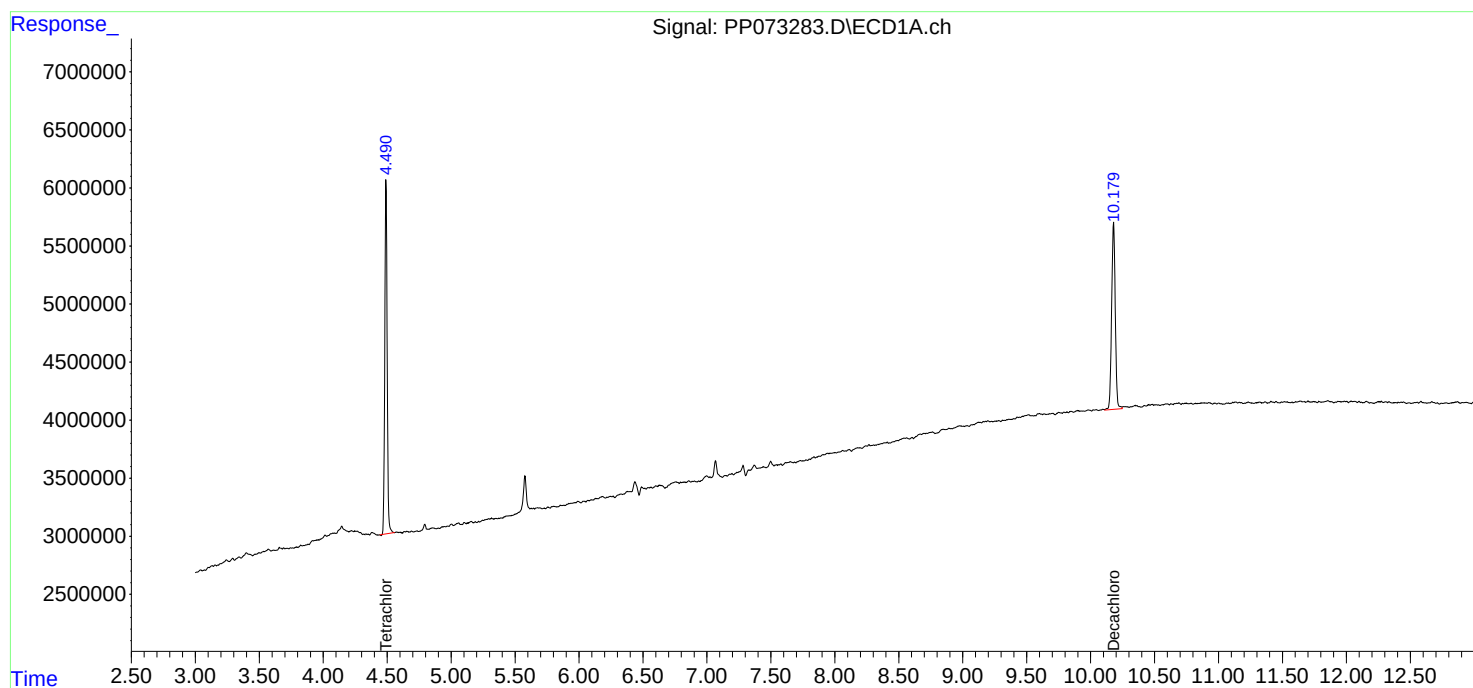
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

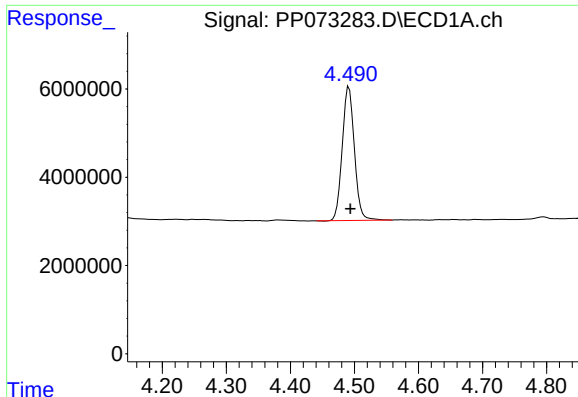
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
Data File : PP073283.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 10:09
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 11:50:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

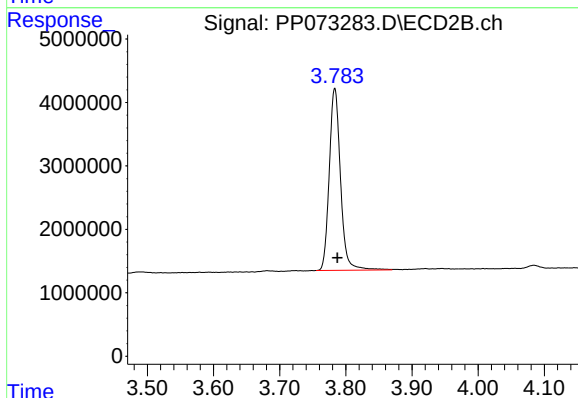




#1 Tetrachloro-m-xylene

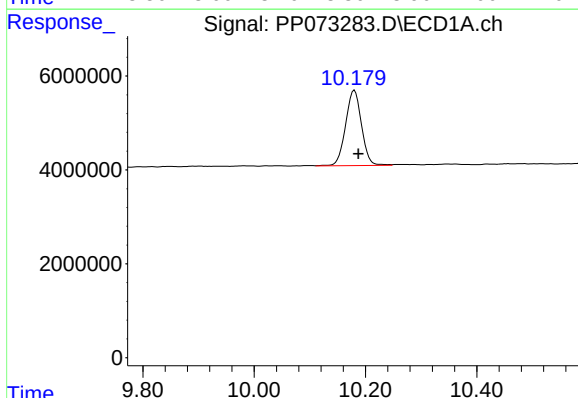
R.T.: 4.491 min
Delta R.T.: -0.003 min
Response: 39880724
Conc: 18.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



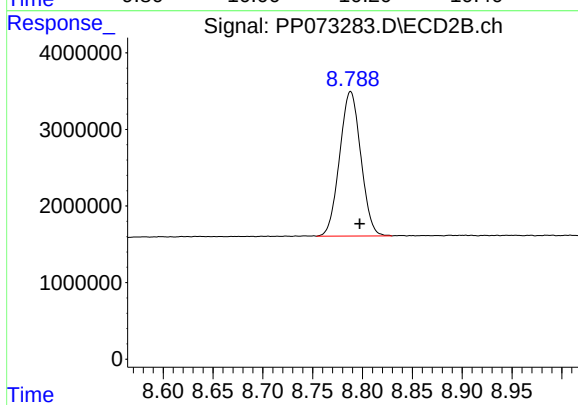
#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: -0.004 min
Response: 33901778
Conc: 18.82 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.180 min
Delta R.T.: -0.007 min
Response: 31873944
Conc: 18.65 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.788 min
Delta R.T.: -0.009 min
Response: 27949062
Conc: 20.94 ng/ml m

Report of Analysis

Client:	CDM Smith	Date Collected:	06/26/25
Project:	South River WM Replacement	Date Received:	06/26/25
Client Sample ID:	PIBLK-PP073298.D	SDG No.:	Q2413
Lab Sample ID:	I.BLK-PP073298.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073298.D	1		06/26/25	pp062625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.3		60 - 140	91%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.9		60 - 140	95%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
 Data File : PP073298.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jun 2025 15:42
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 23:29:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 08:17:15 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.493	3.784	38539410	33620528	18.258	18.659
2) SA Decachlor...	10.183	8.790	32358669	27372485	18.935	20.508m

Target Compounds

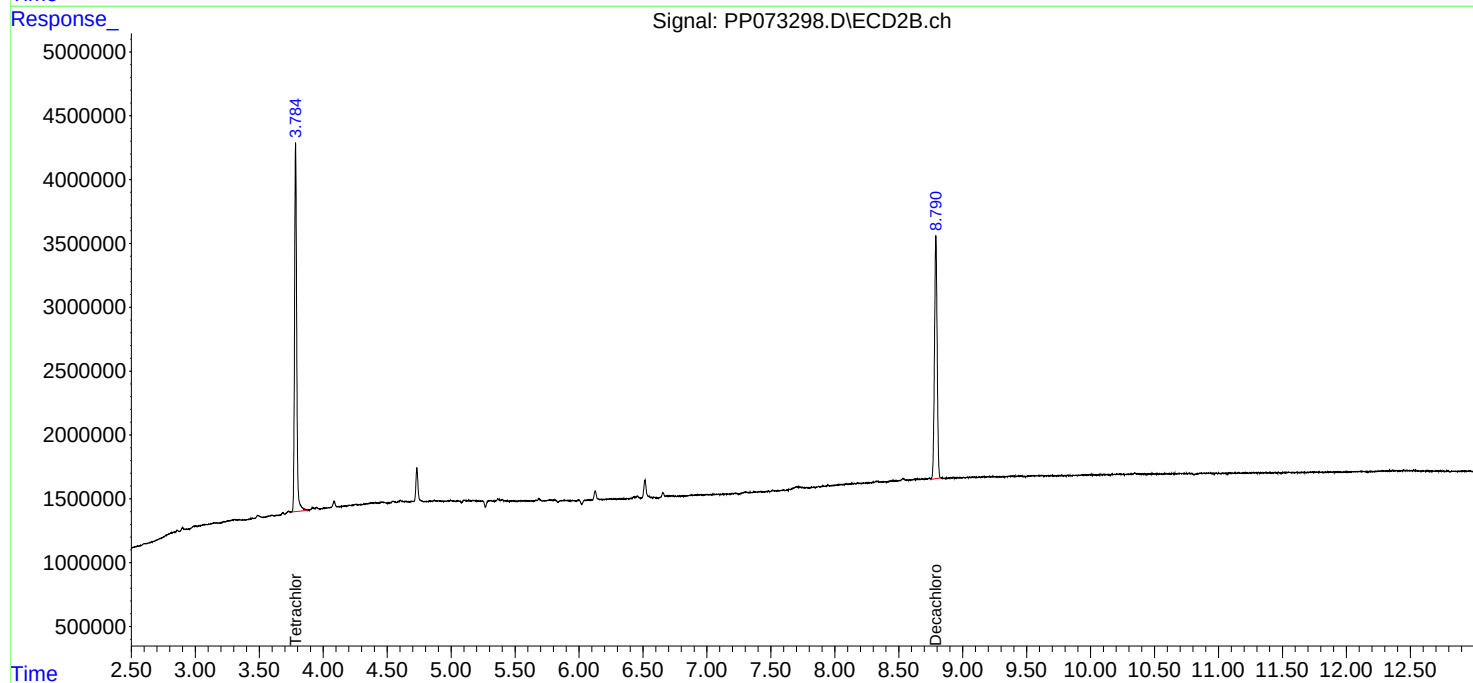
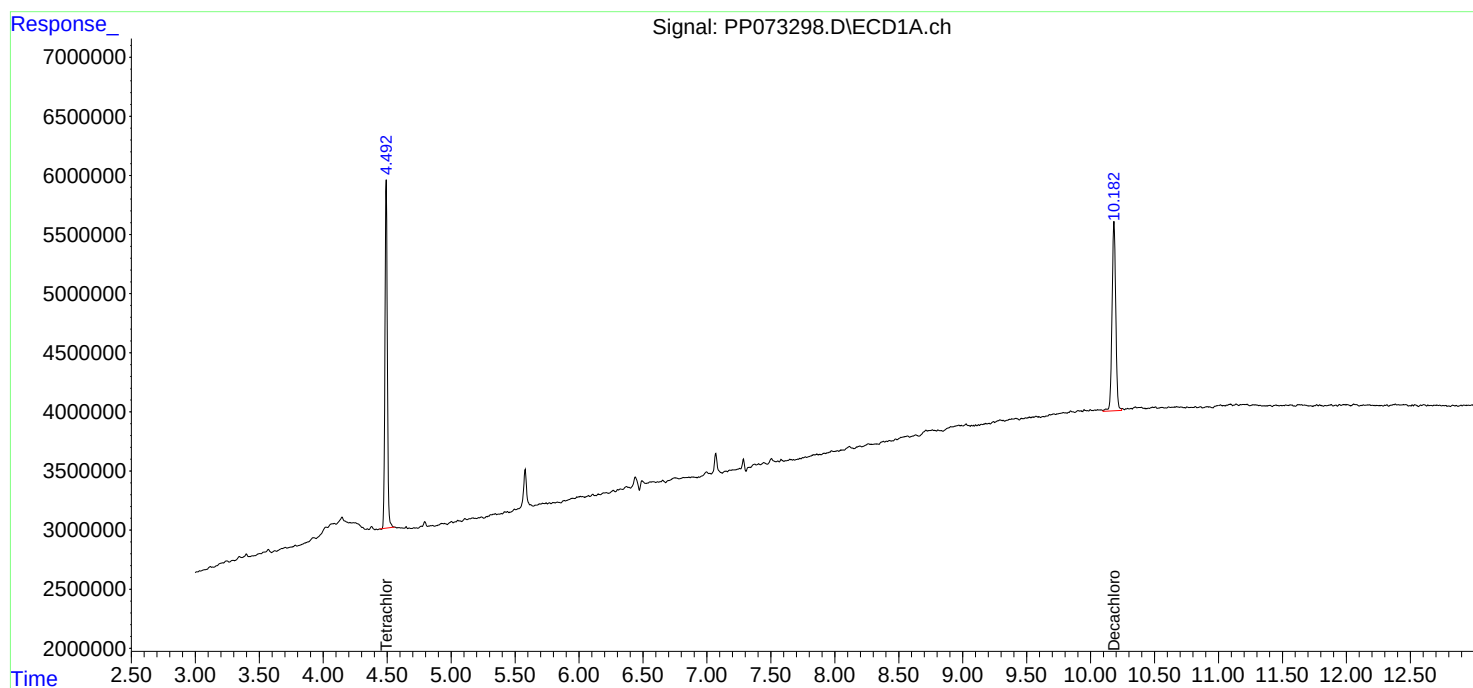
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

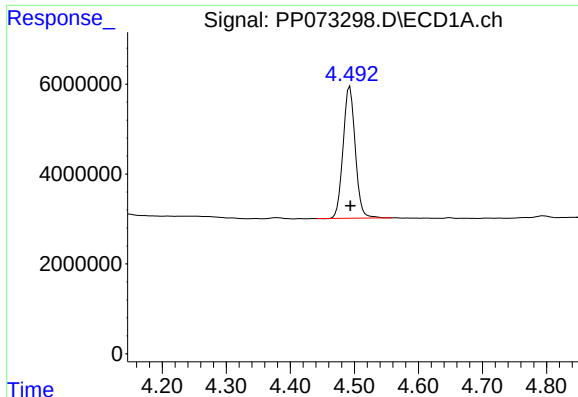
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
Data File : PP073298.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 15:42
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:29:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

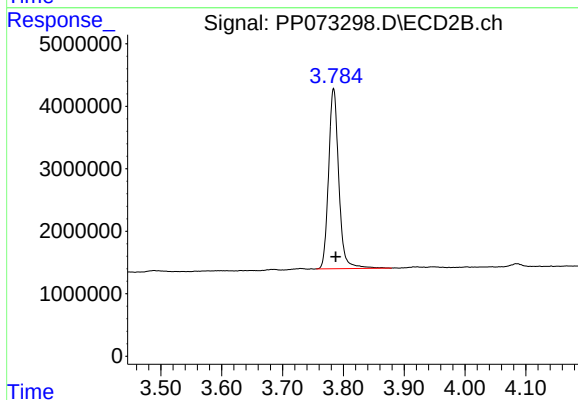




#1 Tetrachloro-m-xylene

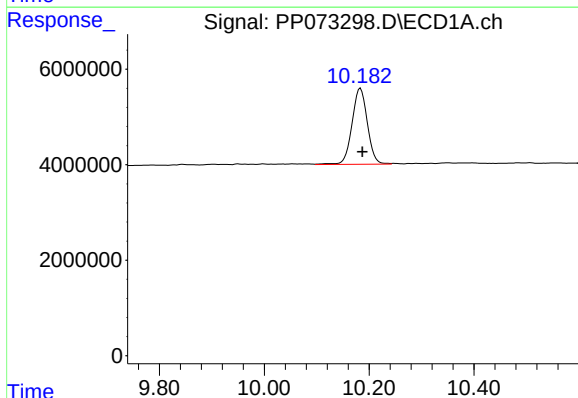
R.T.: 4.493 min
Delta R.T.: 0.000 min
Response: 38539410
Conc: 18.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



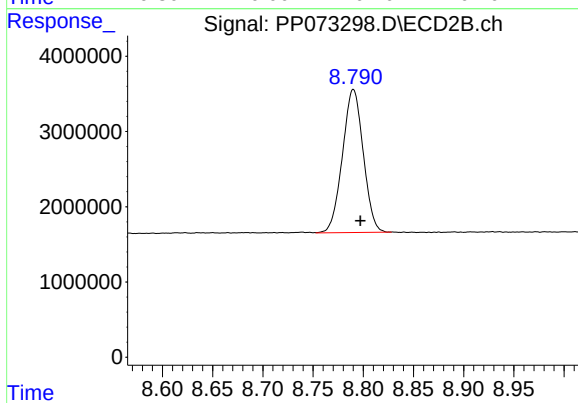
#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: -0.004 min
Response: 33620528
Conc: 18.66 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.183 min
Delta R.T.: -0.004 min
Response: 32358669
Conc: 18.94 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.790 min
Delta R.T.: -0.007 min
Response: 27372485
Conc: 20.51 ng/ml m

Report of Analysis

Client:	CDM Smith	Date Collected:	06/26/25
Project:	South River WM Replacement	Date Received:	06/26/25
Client Sample ID:	PIBLK-PP073313.D	SDG No.:	Q2413
Lab Sample ID:	I.BLK-PP073313.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073313.D	1		06/26/25	pp062625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.4		60 - 140	87%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.9		60 - 140	85%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
 Data File : PP073313.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jun 2025 20:35
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 23:33:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 08:17:15 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.489	3.783	36662117	34088949	17.369	18.919
2) SA Decachlor...	10.178	8.787	28873642	27344793	16.896	20.487m

Target Compounds

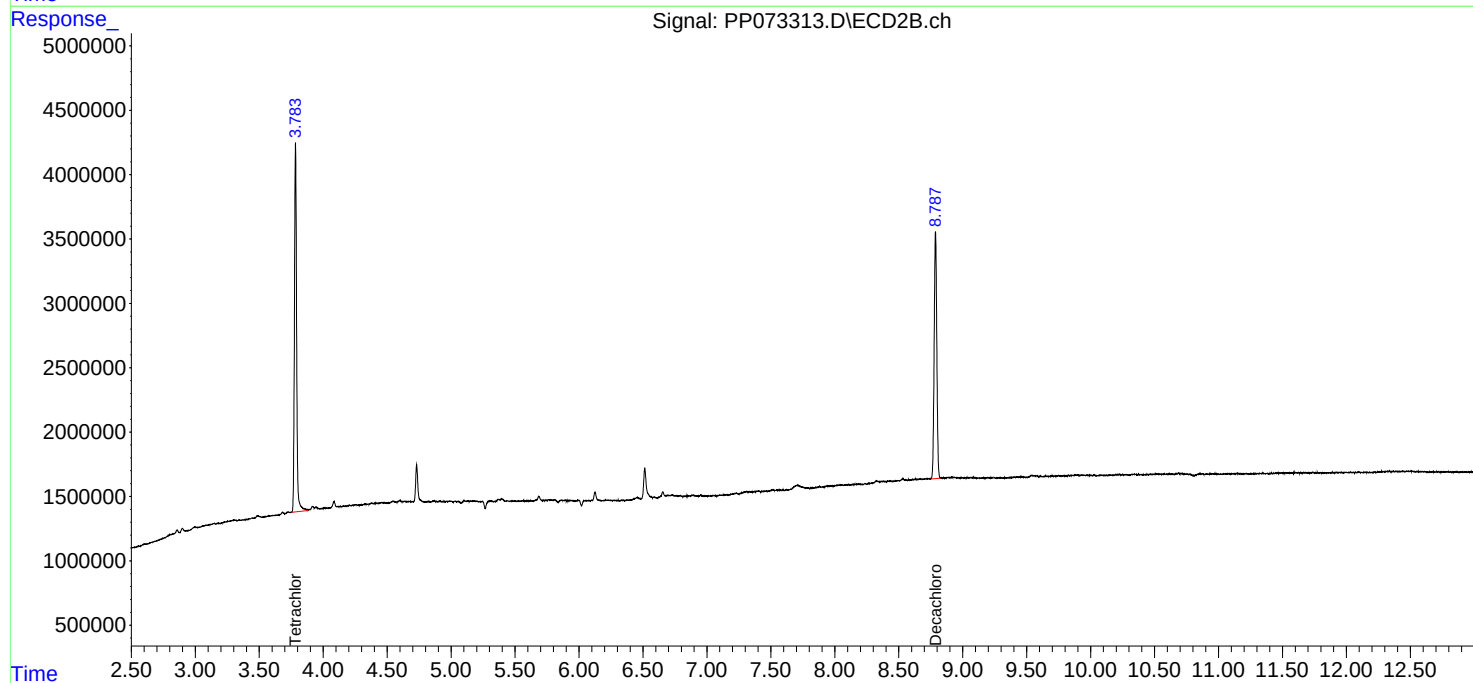
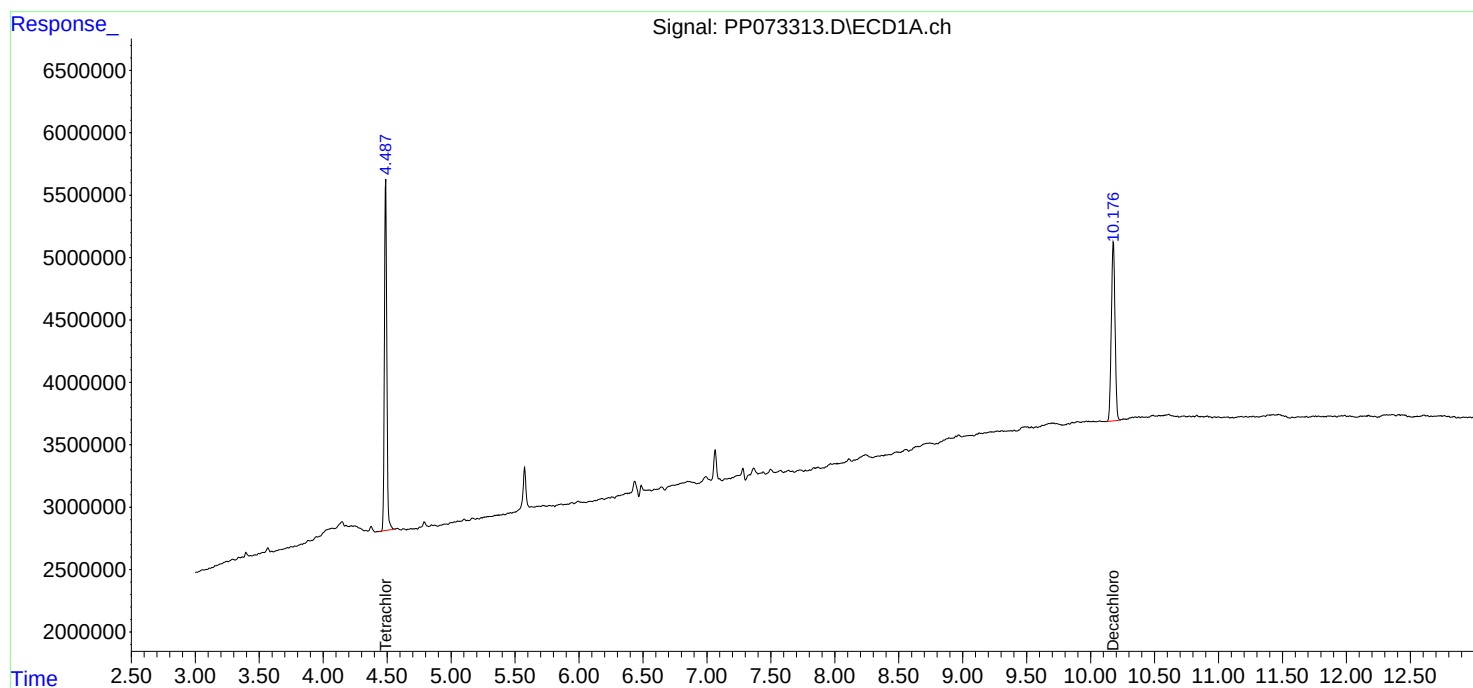
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

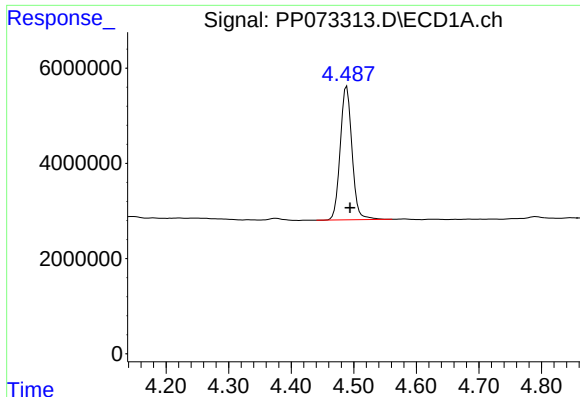
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
Data File : PP073313.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 20:35
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:33:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

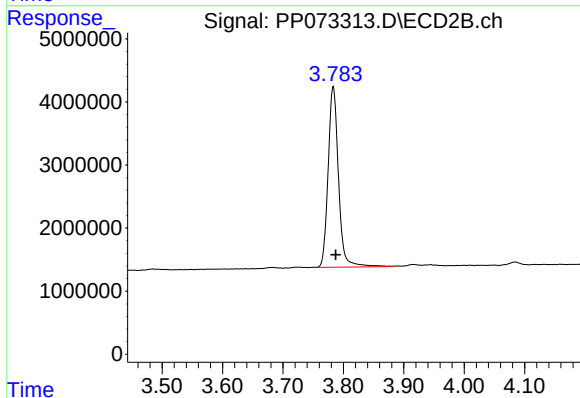




#1 Tetrachloro-m-xylene

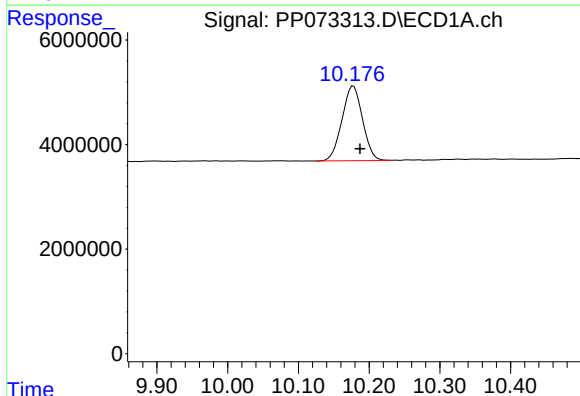
R.T.: 4.489 min
Delta R.T.: -0.005 min
Response: 36662117
Conc: 17.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



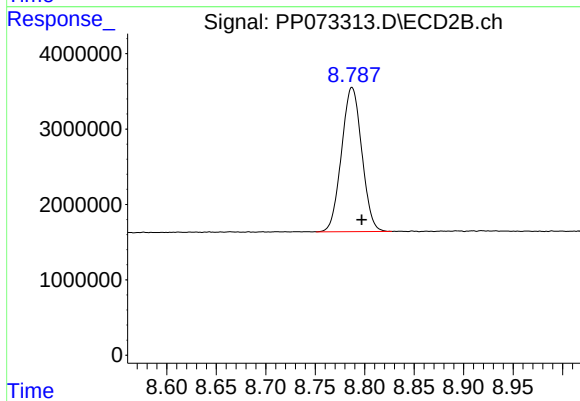
#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: -0.004 min
Response: 34088949
Conc: 18.92 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.178 min
Delta R.T.: -0.009 min
Response: 28873642
Conc: 16.90 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.787 min
Delta R.T.: -0.010 min
Response: 27344793
Conc: 20.49 ng/ml m

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB168622BS	SDG No.:	Q2413
Lab Sample ID:	PB168622BS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073290.D	1	06/26/25 08:20	06/26/25 12:42	PB168622

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	160		3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	4.00	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	5.90	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	159		3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.2		32 - 144	101%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.0		32 - 175	115%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
 Data File : PP073290.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jun 2025 12:42
 Operator : YP\AJ
 Sample : PB168622BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PB168622BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 23:26:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 08:17:15 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.493	3.785	42678797	33558793	20.219	18.625
2) SA Decachlor...	10.184	8.791	34174149	30703563	19.998	23.004
Target Compounds						
3) L1 AR-1016-1	5.645	4.865	33523465	30238664	461.301	440.042
4) L1 AR-1016-2	5.666	4.882	51072534	45297320	490.984	450.099
5) L1 AR-1016-3	5.728	5.058	31560502	24727270	482.958	451.919
6) L1 AR-1016-4	5.826	5.100	26157092	19700777	500.319	442.221
7) L1 AR-1016-5	6.118	5.314	23620892	24692101	472.370	446.655
31) L7 AR-1260-1	7.234	6.344	47134580	45518994	534.325	480.510
32) L7 AR-1260-2	7.488	6.533	70979063	58227177	522.351	500.078
33) L7 AR-1260-3	7.845	6.685	49662773	51669362	435.057	496.053
34) L7 AR-1260-4	8.069	7.154	48299736	38646494	468.722	440.474
35) L7 AR-1260-5	8.387	7.397	104.1E6	95201694	432.702	446.118

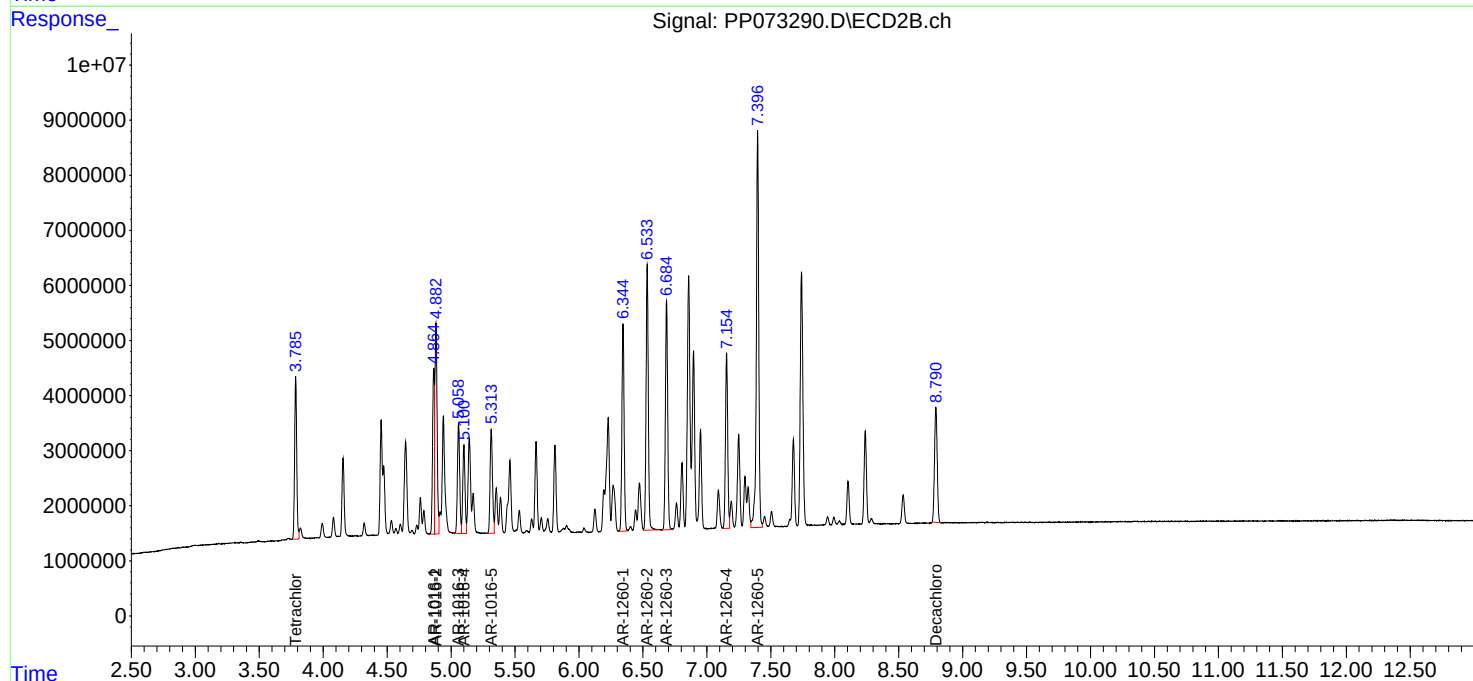
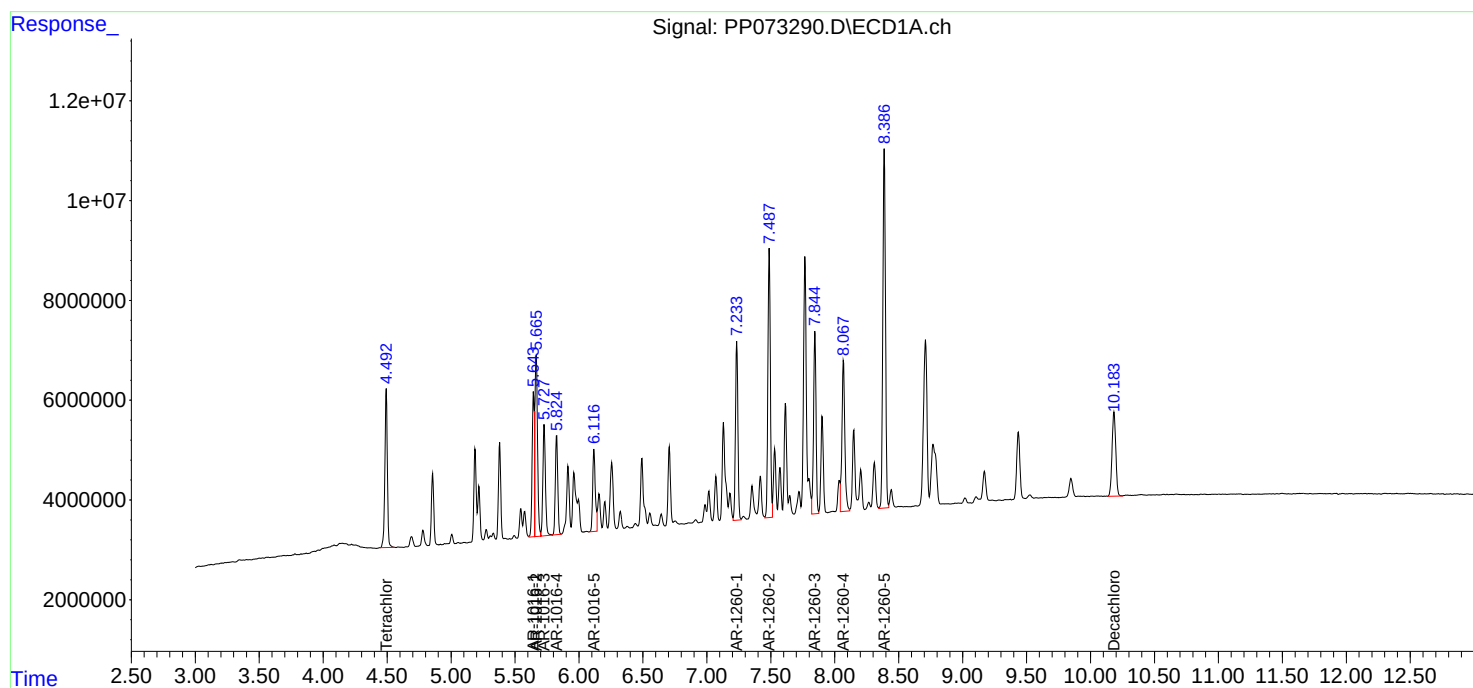
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
Data File : PP073290.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 12:42
Operator : YP\AJ
Sample : PB168622BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB168622BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:26:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Report of Analysis

Client:	CDM Smith	Date Collected:	06/24/25
Project:	South River WM Replacement	Date Received:	06/24/25
Client Sample ID:	COP-SOIL-PILEMS	SDG No.:	Q2413
Lab Sample ID:	Q2409-02MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	96.4
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073292.D	1	06/26/25 08:20	06/26/25 13:15	PB168622

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	163		4.10	17.6	ug/kg
11104-28-2	Aroclor-1221	4.20	U	4.20	17.6	ug/kg
11141-16-5	Aroclor-1232	3.90	U	3.90	17.6	ug/kg
53469-21-9	Aroclor-1242	4.20	U	4.20	17.6	ug/kg
12672-29-6	Aroclor-1248	6.10	U	6.10	17.6	ug/kg
11097-69-1	Aroclor-1254	135		3.30	17.6	ug/kg
37324-23-5	Aroclor-1262	5.20	U	5.20	17.6	ug/kg
11100-14-4	Aroclor-1268	3.70	U	3.70	17.6	ug/kg
11096-82-5	Aroclor-1260	195		3.30	17.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.0		32 - 144	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.7		32 - 175	113%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
 Data File : PP073292.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jun 2025 13:15
 Operator : YP\AJ
 Sample : Q2409-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 COP-SOIL-PILEMS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 23:27:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 08:17:15 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.493	3.786	42139835	34009283	19.964	18.875
2)	SA Decachlor...	10.183	8.791	38441152	30271662	22.495	22.680
Target Compounds							
3)	L1 AR-1016-1	5.644	4.865	31589497	29695696	434.689	432.141
4)	L1 AR-1016-2	5.665	4.883	49205123	43162753	473.032	428.889
5)	L1 AR-1016-3	5.728	5.059	28844905	24353450	441.402	445.087
6)	L1 AR-1016-4	5.824	5.101	26134618	20917218	499.889	469.526
7)	L1 AR-1016-5	6.117	5.314	25356858	24778331	507.085	448.215
26)	L6 AR-1254-1	6.491	5.665	33812904	25781419	401.703	235.125 #
27)	L6 AR-1254-2	6.707	5.813	41215029	26330487	328.666	278.493
28)	L6 AR-1254-3	7.071	6.228	25471909	57807725	194.129	391.791 #
29)	L6 AR-1254-4	7.352	6.443	20838986	9376192	173.971	96.561 #
30)	L6 AR-1254-5	7.767	6.858	98137537	67918869	858.923	522.603 #
31)	L7 AR-1260-1	7.233	6.346	57731445	50081195	654.452	528.670
32)	L7 AR-1260-2	7.487	6.534	84719407	60687889	623.470	521.211
33)	L7 AR-1260-3	7.845	6.685	56669964	51934757	496.442	498.601
34)	L7 AR-1260-4	8.068	7.155	57483081	39023319	557.842	444.768
35)	L7 AR-1260-5	8.387	7.397	118.5E6	97301364	492.306	455.957

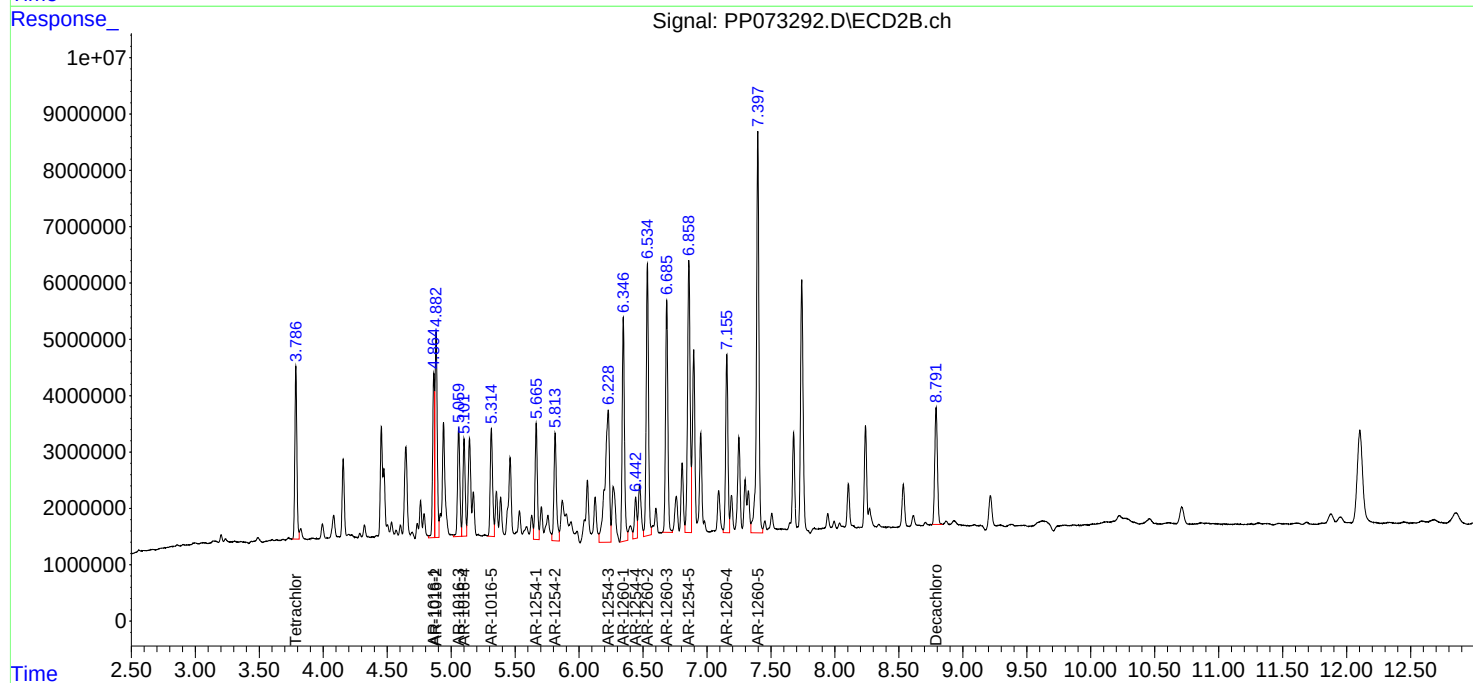
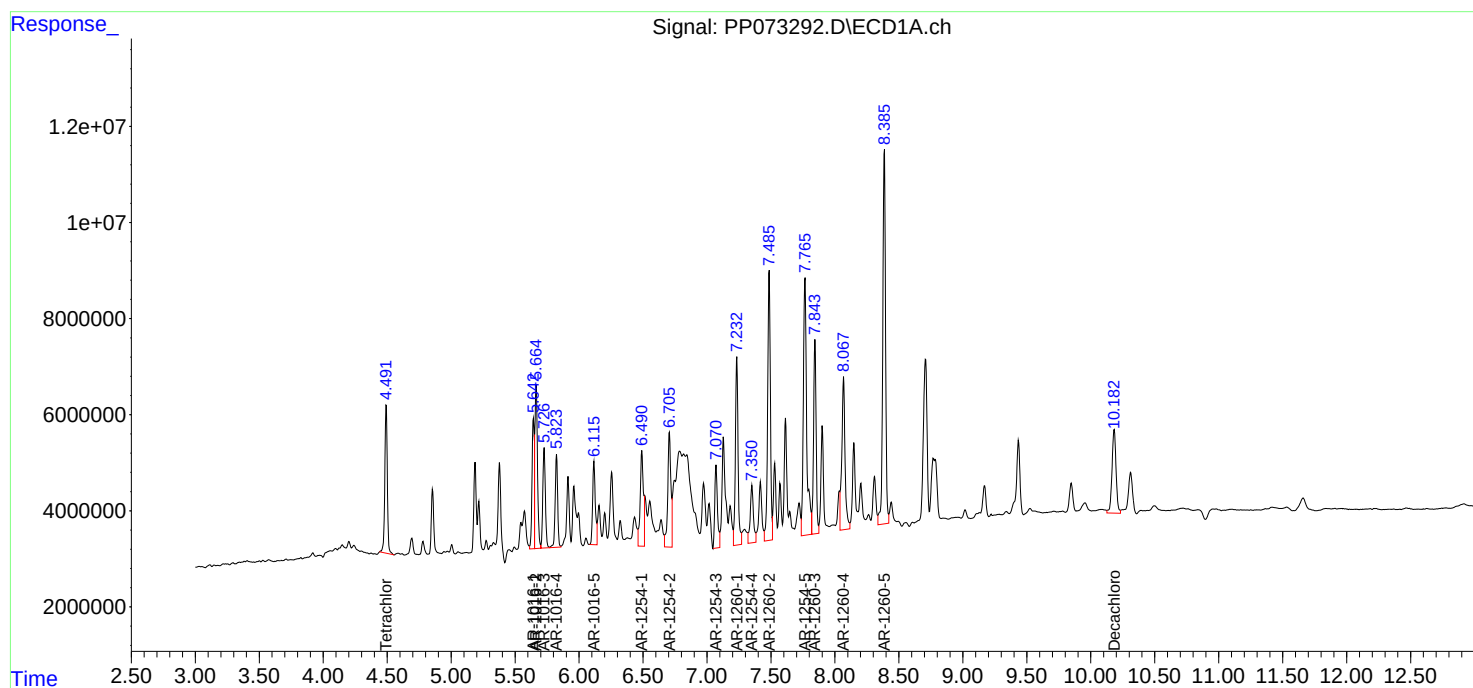
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
Data File : PP073292.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 13:15
Operator : YP\AJ
Sample : Q2409-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
COP-SOIL-PILEMS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:27:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Report of Analysis

Client:	CDM Smith	Date Collected:	06/24/25
Project:	South River WM Replacement	Date Received:	06/24/25
Client Sample ID:	COP-SOIL-PILEMSD	SDG No.:	Q2413
Lab Sample ID:	Q2409-02MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	96.4
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073293.D	1	06/26/25 08:20	06/26/25 13:31	PB168622

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	163		4.10	17.6	ug/kg
11104-28-2	Aroclor-1221	4.20	U	4.20	17.6	ug/kg
11141-16-5	Aroclor-1232	3.90	U	3.90	17.6	ug/kg
53469-21-9	Aroclor-1242	4.20	U	4.20	17.6	ug/kg
12672-29-6	Aroclor-1248	6.10	U	6.10	17.6	ug/kg
11097-69-1	Aroclor-1254	126		3.30	17.6	ug/kg
37324-23-5	Aroclor-1262	5.20	U	5.20	17.6	ug/kg
11100-14-4	Aroclor-1268	3.70	U	3.70	17.6	ug/kg
11096-82-5	Aroclor-1260	202		3.30	17.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.3		32 - 144	97%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.0		32 - 175	115%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
 Data File : PP073293.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jun 2025 13:31
 Operator : YP\AJ
 Sample : Q2409-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 COP-SOIL-PILEMSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 23:27:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 08:17:15 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.490	3.785	40796458	34591378	19.327	19.198
2)	SA Decachlor...	10.179	8.789	39338891	30306856	23.020	22.707
Target Compounds							
3)	L1 AR-1016-1	5.640	4.864	32182611	30386522	442.850	442.194
4)	L1 AR-1016-2	5.662	4.882	49471900	44510137	475.597	442.277
5)	L1 AR-1016-3	5.725	5.058	29156475	24671073	446.170	450.892
6)	L1 AR-1016-4	5.821	5.100	25678999	21603262	491.174	484.926
7)	L1 AR-1016-5	6.113	5.313	25370603	25642955	507.360	463.855
26)	L6 AR-1254-1	6.487	5.664	29658723	26864055	352.351m	244.998 #
27)	L6 AR-1254-2	6.703	5.812	39335056	27381020	313.674	289.604
28)	L6 AR-1254-3	7.068	6.226	26702435	60819084	203.508	412.201 #
29)	L6 AR-1254-4	7.349	6.441	21619956	10067672	180.491	103.682 #
30)	L6 AR-1254-5	7.763	6.858	88804745	71180903	777.240	547.703 #
31)	L7 AR-1260-1	7.230	6.344	58492327	51665843	663.078	545.398
32)	L7 AR-1260-2	7.483	6.532	85840134	62894246	631.718	540.160
33)	L7 AR-1260-3	7.841	6.684	56579533	53544278	495.650	514.053
34)	L7 AR-1260-4	8.065	7.153	66585256	39755716	646.173	453.116 #
35)	L7 AR-1260-5	8.383	7.395	119.0E6	98739303	494.397	462.695

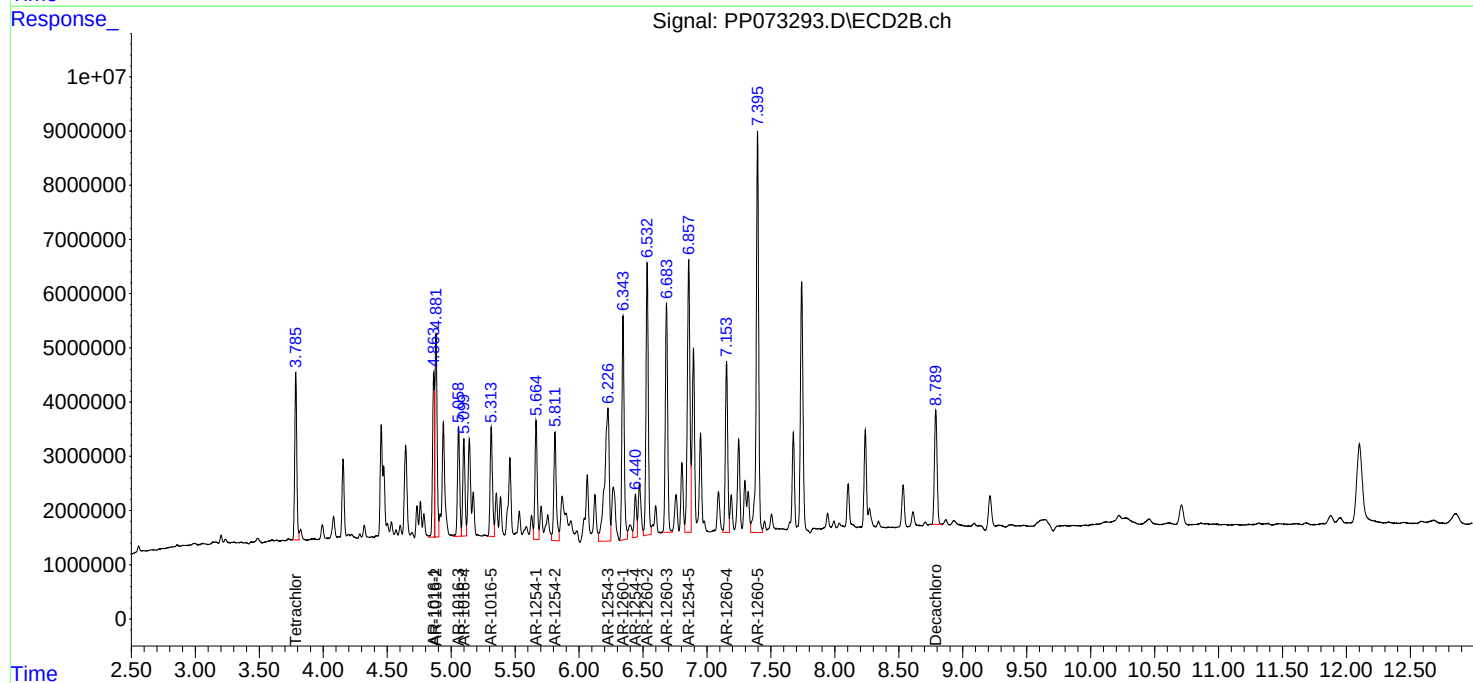
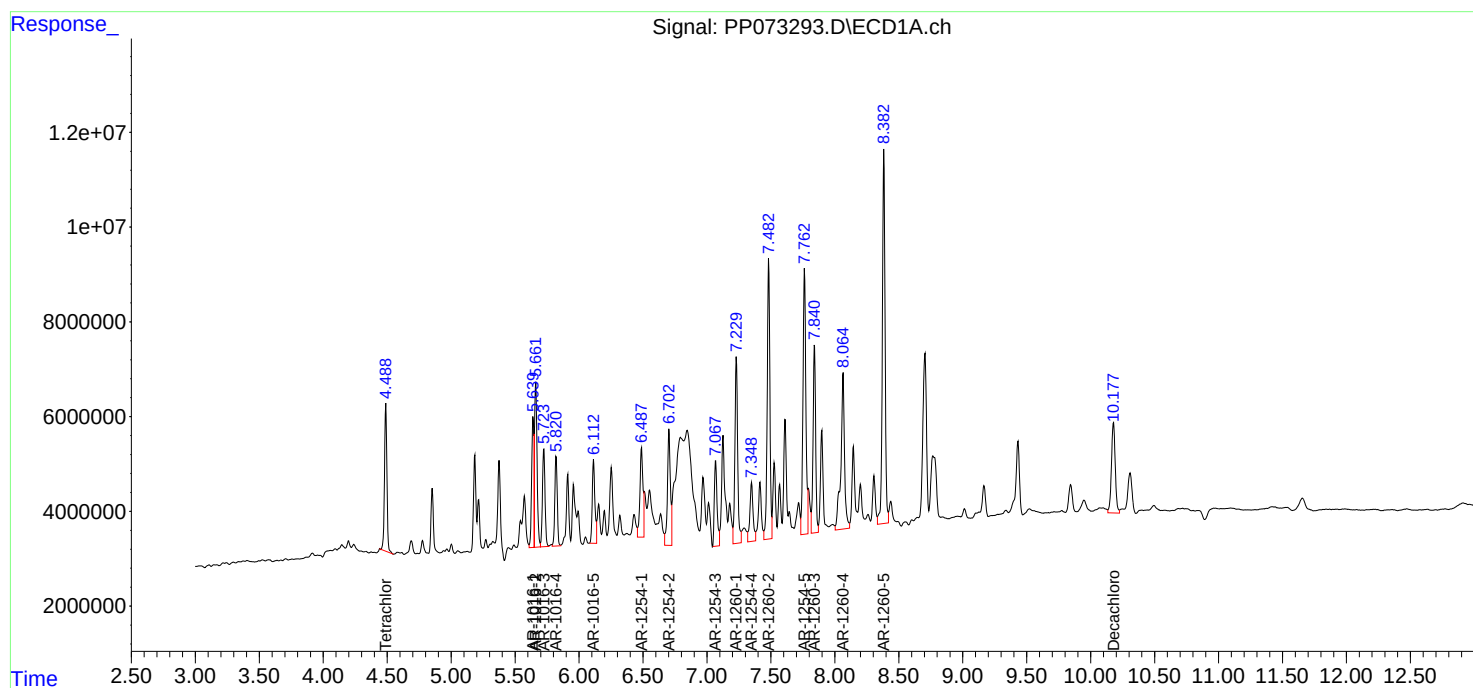
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
Data File : PP073293.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 13:31
Operator : YP\AJ
Sample : Q2409-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
COP-SOIL-PILEMSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:27:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Manual Integration Report

Sequence:

pp061725

Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC250	PP072994.D	Decachlorobiphenyl	yogesh	6/18/2025 8:42:19 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1660ICC050	PP072995.D	AR-1016-1	yogesh	6/18/2025 8:42:20 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1660ICC050	PP072995.D	AR-1016-2	yogesh	6/18/2025 8:42:20 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1660ICC050	PP072995.D	AR-1016-3	yogesh	6/18/2025 8:42:20 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1660ICC050	PP072995.D	AR-1016-4	yogesh	6/18/2025 8:42:20 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1660ICC050	PP072995.D	AR-1016-5	yogesh	6/18/2025 8:42:20 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1242ICC050	PP073002.D	AR-1242-1	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1242ICC050	PP073002.D	AR-1242-1 #2	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1242ICC050	PP073002.D	AR-1242-2	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1242ICC050	PP073002.D	AR-1242-2 #2	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1242ICC050	PP073002.D	AR-1242-3	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1242ICC050	PP073002.D	AR-1242-3 #2	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1242ICC050	PP073002.D	AR-1242-4	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software

Manual Integration Report

Sequence:

pp061725

Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242ICC050	PP073002.D	AR-1242-4 #2	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1242ICC050	PP073002.D	AR-1242-5	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1242ICC050	PP073002.D	Decachlorobiphenyl	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1268ICC050	PP073018.D	AR-1268-1	yogesh	6/18/2025 8:42:25 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software

Manual Integration Report

Sequence:	pp062625	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP073279.D	Decachlorobiphenyl #2	yogesh	6/27/2025 10:42:35 AM	 	 	Peak Integrated by Software
AR1242CCC500	PP073280.D	Decachlorobiphenyl #2	yogesh	6/27/2025 10:42:37 AM	 	 	Peak Integrated by Software
AR1248CCC500	PP073281.D	Decachlorobiphenyl #2	yogesh	6/27/2025 10:42:40 AM	 	 	Peak Integrated by Software
AR1254CCC500	PP073282.D	Decachlorobiphenyl #2	yogesh	6/27/2025 10:42:43 AM	 	 	Peak Integrated by Software
I.BLK	PP073283.D	Decachlorobiphenyl #2	yogesh	6/27/2025 10:42:45 AM	 	 	Peak Integrated by Software
Q2409-02MSD	PP073293.D	AR-1254-1	yogesh	6/27/2025 7:26:53 AM	 	 	Peak Integrated by Software
AR1660CCC500	PP073294.D	Decachlorobiphenyl #2	yogesh	6/27/2025 7:26:54 AM	 	 	Peak Integrated by Software
AR1242CCC500	PP073295.D	Decachlorobiphenyl #2	yogesh	6/27/2025 7:26:57 AM	 	 	Peak Integrated by Software
AR1254CCC500	PP073297.D	Decachlorobiphenyl #2	yogesh	6/27/2025 7:26:59 AM	 	 	Peak Integrated by Software
I.BLK	PP073298.D	Decachlorobiphenyl #2	yogesh	6/27/2025 7:27:00 AM	 	 	Peak Integrated by Software
Q2413-01	PP073299.D	Decachlorobiphenyl #2	yogesh	6/27/2025 7:27:02 AM	 	 	Peak Integrated by Software
Q2413-03	PP073301.D	Decachlorobiphenyl	yogesh	6/27/2025 7:27:04 AM	 	 	Peak Integrated by Software
Q2413-03	PP073301.D	Decachlorobiphenyl #2	yogesh	6/27/2025 7:27:04 AM	 	 	Peak Integrated by Software

Manual Integration Report

Sequence:

pp062625

Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2413-06	PP073304.D	Decachlorobiphenyl #2	yogesh	6/27/2025 7:27:06 AM	 	 	Peak Integrated by Software
AR1660CCC500	PP073309.D	AR-1016-2 #2	yogesh	6/27/2025 7:27:12 AM	 	 	Peak Integrated by Software
AR1242CCC500	PP073310.D	Decachlorobiphenyl #2	yogesh	6/27/2025 7:27:14 AM	 	 	Peak Integrated by Software
AR1254CCC500	PP073312.D	Decachlorobiphenyl #2	yogesh	6/27/2025 7:27:15 AM	 	 	Peak Integrated by Software
I.BLK	PP073313.D	Decachlorobiphenyl #2	yogesh	6/27/2025 7:27:30 AM	 	 	Peak Integrated by Software

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP061725

Review By	yogesh	Review On	6/17/2025 3:09:20 PM
Supervise By	mohammad	Supervise On	6/19/2025 2:43:36 AM
SubDirectory	PP061725	HP Acquire Method	HP Processing Method PP061725
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampleld	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP072989.D	17 Jun 2025 09:31	YP\AJ	Ok
2	I.BLK	PP072990.D	17 Jun 2025 09:47	YP\AJ	Ok
3	AR1660ICC1000	PP072991.D	17 Jun 2025 10:04	YP\AJ	Ok
4	AR1660ICC750	PP072992.D	17 Jun 2025 10:20	YP\AJ	Ok
5	AR1660ICC500	PP072993.D	17 Jun 2025 10:37	YP\AJ	Ok
6	AR1660ICC250	PP072994.D	17 Jun 2025 10:53	YP\AJ	Ok,M
7	AR1660ICC050	PP072995.D	17 Jun 2025 11:43	YP\AJ	Ok,M
8	AR1221ICC500	PP072996.D	17 Jun 2025 12:00	YP\AJ	Ok
9	AR1232ICC500	PP072997.D	17 Jun 2025 12:16	YP\AJ	Ok
10	AR1242ICC1000	PP072998.D	17 Jun 2025 14:27	YP\AJ	Ok
11	AR1242ICC750	PP072999.D	17 Jun 2025 14:43	YP\AJ	Ok
12	AR1242ICC500	PP073000.D	17 Jun 2025 15:00	YP\AJ	Ok
13	AR1242ICC250	PP073001.D	17 Jun 2025 15:16	YP\AJ	Ok
14	AR1242ICC050	PP073002.D	17 Jun 2025 15:32	YP\AJ	Ok,M
15	AR1248ICC1000	PP073003.D	17 Jun 2025 15:49	YP\AJ	Ok
16	AR1248ICC750	PP073004.D	17 Jun 2025 16:21	YP\AJ	Ok
17	AR1248ICC500	PP073005.D	17 Jun 2025 16:37	YP\AJ	Ok
18	AR1248ICC250	PP073006.D	17 Jun 2025 16:54	YP\AJ	Ok
19	AR1248ICC050	PP073007.D	17 Jun 2025 17:10	YP\AJ	Ok
20	AR1254ICC1000	PP073008.D	17 Jun 2025 17:26	YP\AJ	Ok
21	AR1254ICC750	PP073009.D	17 Jun 2025 17:43	YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP061725

Review By	yogesh	Review On	6/17/2025 3:09:20 PM
Supervise By	mohammad	Supervise On	6/19/2025 2:43:36 AM
SubDirectory	PP061725	HP Acquire Method	HP Processing Method PP061725
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	AR1254ICC500	PP073010.D	17 Jun 2025 17:59	YP\AJ	Ok
23	AR1254ICC250	PP073011.D	17 Jun 2025 18:15	YP\AJ	Ok
24	AR1254ICC050	PP073012.D	17 Jun 2025 18:32	YP\AJ	Ok
25	AR1262ICC500	PP073013.D	17 Jun 2025 18:48	YP\AJ	Ok
26	AR1268ICC1000	PP073014.D	17 Jun 2025 19:04	YP\AJ	Ok
27	AR1268ICC750	PP073015.D	17 Jun 2025 19:21	YP\AJ	Ok
28	AR1268ICC500	PP073016.D	17 Jun 2025 19:37	YP\AJ	Ok
29	AR1268ICC250	PP073017.D	17 Jun 2025 19:53	YP\AJ	Ok
30	AR1268ICC050	PP073018.D	17 Jun 2025 20:10	YP\AJ	Ok,M
31	PP061725ICV500	PP073019.D	17 Jun 2025 20:26	YP\AJ	Ok
32	AR1242ICV500	PP073020.D	17 Jun 2025 20:59	YP\AJ	Ok
33	AR1248ICV500	PP073021.D	17 Jun 2025 21:31	YP\AJ	Ok
34	AR1254ICV500	PP073022.D	17 Jun 2025 22:04	YP\AJ	Ok
35	AR1268ICV500	PP073023.D	17 Jun 2025 22:37	YP\AJ	Ok
36	DDT ANALOGUE	PP073024.D	17 Jun 2025 23:09	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP062625

Review By	yogesh	Review On	6/26/2025 10:12:11 AM
Supervise By		Supervise On	
SubDirectory	PP062625	HP Acquire Method	HP Processing Method PP061725
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampleld	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP073278.D	26 Jun 2025 08:47	YP\AJ	Ok
2	AR1660CCC500	PP073279.D	26 Jun 2025 09:04	YP\AJ	Ok,NS
3	AR1242CCC500	PP073280.D	26 Jun 2025 09:20	YP\AJ	Ok,NS
4	AR1248CCC500	PP073281.D	26 Jun 2025 09:36	YP\AJ	Ok,NS
5	AR1254CCC500	PP073282.D	26 Jun 2025 09:53	YP\AJ	Ok,NS
6	I.BLK	PP073283.D	26 Jun 2025 10:09	YP\AJ	Ok,NS
7	DDT ANALOGUE	PP073284.D	26 Jun 2025 10:25	YP\AJ	Ok
8	Q2387-01DL	PP073285.D	26 Jun 2025 10:42	YP\AJ	Ok
9	Q2387-02DL	PP073286.D	26 Jun 2025 10:58	YP\AJ	Ok
10	Q2387-03DL	PP073287.D	26 Jun 2025 11:14	YP\AJ	Ok
11	Q2421-06DL	PP073288.D	26 Jun 2025 11:31	YP\AJ	Ok,NS
12	PB168622BL	PP073289.D	26 Jun 2025 12:25	YP\AJ	Ok
13	PB168622BS	PP073290.D	26 Jun 2025 12:42	YP\AJ	Ok
14	Q2409-02	PP073291.D	26 Jun 2025 12:58	YP\AJ	Ok,NS
15	Q2409-02MS	PP073292.D	26 Jun 2025 13:15	YP\AJ	Ok
16	Q2409-02MSD	PP073293.D	26 Jun 2025 13:31	YP\AJ	Ok,NS
17	AR1660CCC500	PP073294.D	26 Jun 2025 14:37	YP\AJ	Ok,NS
18	AR1242CCC500	PP073295.D	26 Jun 2025 14:53	YP\AJ	Ok,NS
19	AR1248CCC500	PP073296.D	26 Jun 2025 15:09	YP\AJ	Ok
20	AR1254CCC500	PP073297.D	26 Jun 2025 15:26	YP\AJ	Ok,NS
21	I.BLK	PP073298.D	26 Jun 2025 15:42	YP\AJ	Ok,NS

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP062625

Review By	yogesh	Review On	6/26/2025 10:12:11 AM
Supervise By		Supervise On	
SubDirectory	PP062625	HP Acquire Method	HP Processing Method PP061725
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q2413-01	PP073299.D	26 Jun 2025 15:58	YP\AJ	Ok,NS
23	Q2413-02	PP073300.D	26 Jun 2025 16:15	YP\AJ	Ok
24	Q2413-03	PP073301.D	26 Jun 2025 16:31	YP\AJ	Ok,NS
25	Q2413-04	PP073302.D	26 Jun 2025 16:47	YP\AJ	Ok
26	Q2413-05	PP073303.D	26 Jun 2025 17:04	YP\AJ	Ok
27	Q2413-06	PP073304.D	26 Jun 2025 17:20	YP\AJ	Ok,NS
28	Q2414-01	PP073305.D	26 Jun 2025 17:36	YP\AJ	Ok
29	Q2415-01	PP073306.D	26 Jun 2025 17:52	YP\AJ	Ok
30	Q2416-01	PP073307.D	26 Jun 2025 18:09	YP\AJ	Ok,NS
31	Q2419-01	PP073308.D	26 Jun 2025 18:25	YP\AJ	Not Ok
32	AR1660CCC500	PP073309.D	26 Jun 2025 19:30	YP\AJ	Ok,NS
33	AR1242CCC500	PP073310.D	26 Jun 2025 19:47	YP\AJ	Ok,NS
34	AR1248CCC500	PP073311.D	26 Jun 2025 20:03	YP\AJ	Ok
35	AR1254CCC500	PP073312.D	26 Jun 2025 20:19	YP\AJ	Ok,NS
36	I.BLK	PP073313.D	26 Jun 2025 20:35	YP\AJ	Ok,NS

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP061725

Review By	yogesh	Review On	6/17/2025 3:09:20 PM
Supervise By	mohammad	Supervise On	6/19/2025 2:43:36 AM
SubDirectory	PP061725	HP Acquire Method	HP Processing Method PP061725

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP072989.D	17 Jun 2025 09:31		YPIAJ	Ok
2	I.BLK	I.BLK	PP072990.D	17 Jun 2025 09:47		YPIAJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP072991.D	17 Jun 2025 10:04		YPIAJ	Ok
4	AR1660ICC750	AR1660ICC750	PP072992.D	17 Jun 2025 10:20		YPIAJ	Ok
5	AR1660ICC500	AR1660ICC500	PP072993.D	17 Jun 2025 10:37		YPIAJ	Ok
6	AR1660ICC250	AR1660ICC250	PP072994.D	17 Jun 2025 10:53		YPIAJ	Ok,M
7	AR1660ICC050	AR1660ICC050	PP072995.D	17 Jun 2025 11:43		YPIAJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP072996.D	17 Jun 2025 12:00		YPIAJ	Ok
9	AR1232ICC500	AR1232ICC500	PP072997.D	17 Jun 2025 12:16		YPIAJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PP072998.D	17 Jun 2025 14:27		YPIAJ	Ok
11	AR1242ICC750	AR1242ICC750	PP072999.D	17 Jun 2025 14:43		YPIAJ	Ok
12	AR1242ICC500	AR1242ICC500	PP073000.D	17 Jun 2025 15:00		YPIAJ	Ok
13	AR1242ICC250	AR1242ICC250	PP073001.D	17 Jun 2025 15:16		YPIAJ	Ok
14	AR1242ICC050	AR1242ICC050	PP073002.D	17 Jun 2025 15:32		YPIAJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PP073003.D	17 Jun 2025 15:49		YPIAJ	Ok
16	AR1248ICC750	AR1248ICC750	PP073004.D	17 Jun 2025 16:21		YPIAJ	Ok
17	AR1248ICC500	AR1248ICC500	PP073005.D	17 Jun 2025 16:37		YPIAJ	Ok
18	AR1248ICC250	AR1248ICC250	PP073006.D	17 Jun 2025 16:54		YPIAJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP061725

Review By	yogesh	Review On	6/17/2025 3:09:20 PM
Supervise By	mohammad	Supervise On	6/19/2025 2:43:36 AM
SubDirectory	PP061725	HP Acquire Method	HP Processing Method PP061725
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	AR1248ICC050	AR1248ICC050	PP073007.D	17 Jun 2025 17:10		YPIAJ	Ok
20	AR1254ICC1000	AR1254ICC1000	PP073008.D	17 Jun 2025 17:26		YPIAJ	Ok
21	AR1254ICC750	AR1254ICC750	PP073009.D	17 Jun 2025 17:43		YPIAJ	Ok
22	AR1254ICC500	AR1254ICC500	PP073010.D	17 Jun 2025 17:59		YPIAJ	Ok
23	AR1254ICC250	AR1254ICC250	PP073011.D	17 Jun 2025 18:15		YPIAJ	Ok
24	AR1254ICC050	AR1254ICC050	PP073012.D	17 Jun 2025 18:32		YPIAJ	Ok
25	AR1262ICC500	AR1262ICC500	PP073013.D	17 Jun 2025 18:48		YPIAJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP073014.D	17 Jun 2025 19:04		YPIAJ	Ok
27	AR1268ICC750	AR1268ICC750	PP073015.D	17 Jun 2025 19:21		YPIAJ	Ok
28	AR1268ICC500	AR1268ICC500	PP073016.D	17 Jun 2025 19:37		YPIAJ	Ok
29	AR1268ICC250	AR1268ICC250	PP073017.D	17 Jun 2025 19:53		YPIAJ	Ok
30	AR1268ICC050	AR1268ICC050	PP073018.D	17 Jun 2025 20:10		YPIAJ	Ok,M
31	PP061725ICV500	ICVPP061725	PP073019.D	17 Jun 2025 20:26		YPIAJ	Ok
32	AR1242ICV500	ICVPP061725AR1242	PP073020.D	17 Jun 2025 20:59		YPIAJ	Ok
33	AR1248ICV500	ICVPP061725AR1248	PP073021.D	17 Jun 2025 21:31		YPIAJ	Ok
34	AR1254ICV500	ICVPP061725AR1254	PP073022.D	17 Jun 2025 22:04		YPIAJ	Ok
35	AR1268ICV500	ICVPP061725AR1268	PP073023.D	17 Jun 2025 22:37		YPIAJ	Ok
36	DDT ANALOGUE	DDT ANALOGUE	PP073024.D	17 Jun 2025 23:09		YPIAJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP062625

Review By	yogesh	Review On	6/26/2025 10:12:11 AM
Supervise By		Supervise On	
SubDirectory	PP062625	HP Acquire Method	HP Processing Method PP061725

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP073278.D	26 Jun 2025 08:47		YPIAJ	Ok
2	AR1660CCC500	AR1660CCC500	PP073279.D	26 Jun 2025 09:04		YPIAJ	Ok,NS
3	AR1242CCC500	AR1242CCC500	PP073280.D	26 Jun 2025 09:20		YPIAJ	Ok,NS
4	AR1248CCC500	AR1248CCC500	PP073281.D	26 Jun 2025 09:36		YPIAJ	Ok,NS
5	AR1254CCC500	AR1254CCC500	PP073282.D	26 Jun 2025 09:53		YPIAJ	Ok,NS
6	I.BLK	I.BLK	PP073283.D	26 Jun 2025 10:09		YPIAJ	Ok,NS
7	DDT ANALOGUE	DDT ANALOGUE	PP073284.D	26 Jun 2025 10:25		YPIAJ	Ok
8	Q2387-01DL	AUD-25-101DL	PP073285.D	26 Jun 2025 10:42	AR1254 hit	YPIAJ	Ok
9	Q2387-02DL	AUD-25-102DL	PP073286.D	26 Jun 2025 10:58	AR1254 hit	YPIAJ	Ok
10	Q2387-03DL	AUD-25-103DL	PP073287.D	26 Jun 2025 11:14	AR1254 hit	YPIAJ	Ok
11	Q2421-06DL	62325-ADL	PP073288.D	26 Jun 2025 11:31	AR1242 hits	YPIAJ	Ok,NS
12	PB168622BL	PB168622BL	PP073289.D	26 Jun 2025 12:25		YPIAJ	Ok
13	PB168622BS	PB168622BS	PP073290.D	26 Jun 2025 12:42		YPIAJ	Ok
14	Q2409-02	COP-SOIL-PILE	PP073291.D	26 Jun 2025 12:58	AR1254+1260 Hit	YPIAJ	Ok,NS
15	Q2409-02MS	COP-SOIL-PILEMS	PP073292.D	26 Jun 2025 13:15		YPIAJ	Ok
16	Q2409-02MSD	COP-SOIL-PILEMSD	PP073293.D	26 Jun 2025 13:31		YPIAJ	Ok,NS
17	AR1660CCC500	AR1660CCC500	PP073294.D	26 Jun 2025 14:37		YPIAJ	Ok,NS
18	AR1242CCC500	AR1242CCC500	PP073295.D	26 Jun 2025 14:53		YPIAJ	Ok,NS

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP062625

Review By	yogesh	Review On	6/26/2025 10:12:11 AM
Supervise By		Supervise On	
SubDirectory	PP062625	HP Acquire Method	HP Processing Method PP061725
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	AR1248CCC500	AR1248CCC500	PP073296.D	26 Jun 2025 15:09		YPIAJ	Ok
20	AR1254CCC500	AR1254CCC500	PP073297.D	26 Jun 2025 15:26		YPIAJ	Ok,NS
21	I.BLK	I.BLK	PP073298.D	26 Jun 2025 15:42		YPIAJ	Ok,NS
22	Q2413-01	TP-35	PP073299.D	26 Jun 2025 15:58		YPIAJ	Ok,NS
23	Q2413-02	TP-34	PP073300.D	26 Jun 2025 16:15		YPIAJ	Ok
24	Q2413-03	TP-77	PP073301.D	26 Jun 2025 16:31		YPIAJ	Ok,NS
25	Q2413-04	TP-74	PP073302.D	26 Jun 2025 16:47		YPIAJ	Ok
26	Q2413-05	TP-73	PP073303.D	26 Jun 2025 17:04		YPIAJ	Ok
27	Q2413-06	TP-72	PP073304.D	26 Jun 2025 17:20		YPIAJ	Ok,NS
28	Q2414-01	WC-1	PP073305.D	26 Jun 2025 17:36		YPIAJ	Ok
29	Q2415-01	WC-1	PP073306.D	26 Jun 2025 17:52		YPIAJ	Ok
30	Q2416-01	MH-G/H	PP073307.D	26 Jun 2025 18:09		YPIAJ	Ok,NS
31	Q2419-01	EO-3-6-25-2025	PP073308.D	26 Jun 2025 18:25	AR1268Hit , AR1268 CCC missing	YPIAJ	Not Ok
32	AR1660CCC500	AR1660CCC500	PP073309.D	26 Jun 2025 19:30		YPIAJ	Ok,NS
33	AR1242CCC500	AR1242CCC500	PP073310.D	26 Jun 2025 19:47		YPIAJ	Ok,NS
34	AR1248CCC500	AR1248CCC500	PP073311.D	26 Jun 2025 20:03		YPIAJ	Ok
35	AR1254CCC500	AR1254CCC500	PP073312.D	26 Jun 2025 20:19		YPIAJ	Ok,NS
36	I.BLK	I.BLK	PP073313.D	26 Jun 2025 20:35		YPIAJ	Ok,NS

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 6/26/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:10
In Date: 06/25/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:14
Out Date: 06/26/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB136262

Lab ID	Client SampleID	Dish #	Dish Wt (g) (A)	Sample Wt (g)	Dish + Sample Wt (g) (B)	Dish+Dry Sample Wt (g) (C)	% Solid	Comments
Q2413-01	TP-35	1	1.18	10.41	11.59	10.42	88.8	
Q2413-02	TP-34	2	1.13	10.60	11.73	10.88	92.0	
Q2413-03	TP-77	3	1.15	10.65	11.8	10.88	91.4	
Q2413-04	TP-74	4	1.15	10.83	11.98	10.84	89.5	
Q2413-05	TP-73	5	1.13	10.86	11.99	9.5	77.1	
Q2413-06	TP-72	6	1.16	10.74	11.9	10.5	87.0	
Q2414-01	WC-1	7	1.19	10.50	11.69	10.58	89.4	
Q2414-02	WC-1-EPH	8	1.17	10.08	11.25	10.22	89.8	
Q2414-03	WC-1-VOC	9	1.15	10.83	11.98	10.97	90.7	
Q2414-04	WC-1	10	1.19	10.50	11.69	10.58	89.4	
Q2415-01	WC-1	11	1.19	10.63	11.82	10.72	89.7	
Q2415-02	WC-1-EPH	12	1.15	10.00	11.15	10.12	89.7	
Q2415-03	WC-1-VOC	13	1.19	10.27	11.46	10.4	89.7	
Q2416-01	MH-G/H	14	1.15	10.86	12.01	10.89	89.7	
Q2416-02	MH-G/H-EPH	15	1.14	10.41	11.55	10.52	90.1	
Q2416-03	MH-G/H-VOC	16	1.12	10.57	11.69	10.8	91.6	
Q2416-04	MH-G/H	17	1.15	10.86	12.01	10.89	89.7	
Q2419-01	EO-03-06252025	26	1.17	10.53	11.7	10.97	93.1	
Q2419-02	EO-03-06252025-E2	27	1.13	10.23	11.36	10.36	90.2	
Q2420-01	72-11933	18	1.18	10.49	11.67	11.03	93.9	
Q2421-01	62325	19	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2421-02	624-A	20	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2421-03	624-B	21	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2421-04	624-C	22	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2421-05	624-D	23	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2421-06	62325-A	24	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2422-01	60263	25	1.00	1.00	2.00	2.00	100.0	oil sample
Q2423-01	RT915	28	1.19	10.63	11.82	10.88	91.2	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 6/26/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:10
In Date: 06/25/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:14
Out Date: 06/26/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB136262

Lab ID	Client SampleID	Dish #	Dish Wt (g) (A)	Sample Wt (g)	Dish + Sample Wt (g) (B)	Dish+Dry Sample Wt (g) (C)	% Solid	Comments
Q2423-02	RT915	29	1.14	10.45	11.59	10.84	92.8	
Q2425-01	COMP-1	30	1.19	10.38	11.57	9.17	76.9	
Q2425-02	COMP-2	31	1.15	10.37	11.52	9.41	79.7	
Q2425-03	COMP-3	32	1.12	10.71	11.83	9.97	82.6	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

136262

WorkList Name : %1-062525

WorkList ID : 190366

Department : Wet-Chemistry

Date : 06-25-2025 08:11:19

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2413-01	TP-35	Solid	Percent Solids	Cool 4 deg C	CAMP02	D41	06/24/2025	Chemtech -SO
Q2413-02	TP-34	Solid	Percent Solids	Cool 4 deg C	CAMP02	D41	06/24/2025	Chemtech -SO
Q2413-03	TP-77	Solid	Percent Solids	Cool 4 deg C	CAMP02	D41	06/24/2025	Chemtech -SO
Q2413-04	TP-74	Solid	Percent Solids	Cool 4 deg C	CAMP02	D41	06/24/2025	Chemtech -SO
Q2413-05	TP-73	Solid	Percent Solids	Cool 4 deg C	CAMP02	D41	06/24/2025	Chemtech -SO
Q2413-06	TP-72	Solid	Percent Solids	Cool 4 deg C	CAMP02	D41	06/24/2025	Chemtech -SO
Q2414-01	WC-1	Solid	Percent Solids	Cool 4 deg C	CAMP02	D41	06/24/2025	Chemtech -SO
Q2414-02	WC-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG01		06/25/2025	Chemtech -SO
Q2414-03	WC-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG01	A33	06/25/2025	Chemtech -SO
Q2414-04	WC-1	Solid	Percent Solids	Cool 4 deg C	PSEG01	A33	06/25/2025	Chemtech -SO
Q2415-01	WC-1	Solid	Percent Solids	Cool 4 deg C	PSEG01		06/25/2025	Chemtech -SO
Q2415-02	WC-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	06/24/2025	Chemtech -SO
Q2415-03	WC-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	06/24/2025	Chemtech -SO
Q2416-01	MH-G/H	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	06/24/2025	Chemtech -SO
Q2416-02	MH-G/H-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03		06/25/2025	Chemtech -SO
Q2416-03	MH-G/H-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	06/25/2025	Chemtech -SO
Q2416-04	MH-G/H	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	06/25/2025	Chemtech -SO
Q2419-01	EO-03-06252025	Solid	Percent Solids	Cool 4 deg C	PSEG03		06/25/2025	Chemtech -SO
Q2419-02	EO-03-06252025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D51	06/25/2025	Chemtech -SO
Q2420-01	72-11933	Solid	Percent Solids	Cool 4 deg C	PSEG05	D51	06/25/2025	Chemtech -SO
Q2421-01	62325	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/25/2025	Chemtech -SO
					PSEG03	D51	06/25/2025	Chemtech -SO

Date/Time 06/25/25 15:10 Date/Time 06/25/25
 Raw Sample Received by: spwc Raw Sample Received by: CP SM
 Raw Sample Relinquished by: CP SM Raw Sample Relinquished by: spwc

WORKLIST(Hardcopy Internal Chain)

136262

WorkList Name : %1-062525

WorkList ID : 190366

Department : Wet-Chemistry

Date : 06-25-2025 08:11:19

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2421-02	624-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/25/2025	Chemtech -SO
Q2421-03	624-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/25/2025	Chemtech -SO
Q2421-04	624-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/25/2025	Chemtech -SO
Q2421-05	624-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/25/2025	Chemtech -SO
Q2421-06	62325-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/25/2025	Chemtech -SO
Q2422-01	60263	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/25/2025	Chemtech -SO
Q2423-01	RT915	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/25/2025	Chemtech -SO
Q2423-02	RT915	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/25/2025	Chemtech -SO
Q2425-01	COMP-1	Solid	Percent Solids	Cool 4 deg C	POWE02	D51	06/25/2025	Chemtech -SO
Q2425-02	COMP-2	Solid	Percent Solids	Cool 4 deg C	POWE02	D51	06/24/2025	Chemtech -SO
Q2425-03	COMP-3	Solid	Percent Solids	Cool 4 deg C	POWE02	D51	06/24/2025	Chemtech -SO

06/25/25 15:10

Date/Time

Raw Sample Received by:

sf wocj

Raw Sample Relinquished by:

cp sm

Date/Time

06/25/25

Raw Sample Received by:

cp sm

Raw Sample Relinquished by:

sf wocj

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: Acid Cleanup

Matrix : Solid

Welgh By: EH **Extraction By:** RJ

Balance check: RJ **Filter By:** RJ

Balance ID: EX-SC-2 **pH Meter ID:** N/A

pH Strip Lot#: N/A **Hood ID:** 3,7

Extraction Start Date : 06/26/2025

Extraction Start Time : 08:20

Extraction End Date : 06/26/2025

Extraction End Time : 11:30

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

Standarded Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP24650
Surrogate	1.0ML	200 PPB	PP24663
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone/1:1	N/A	EP2613
Baked Na2SO4	N/A	EP2622
Sand	N/A	E2865
Hexane	N/A	E3945
H2SO4 1:1	N/A	EP2610
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS723, Q2410-01 & Q2422-01 used Ltd. volume as sample are oily debris & oil.

KD Bath ID: N/A **Envap ID:** NEVAP-02

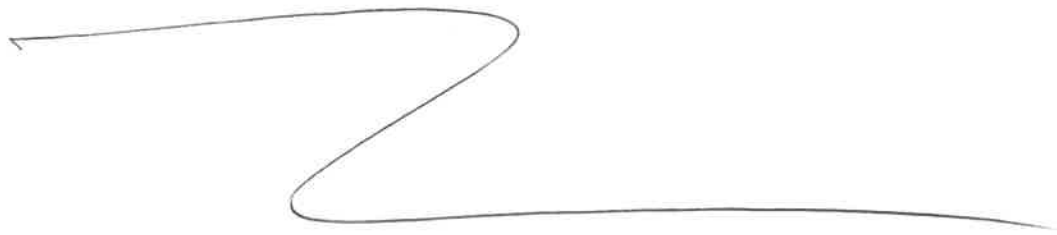
KD Bath Temperature: N/A **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/26/25	RS (EG + Lab)	R. Pesh/PeB Carb
11:35	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 06/26/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168622BL	ABLK622	PCB	30.01	N/A	ritesh	Evelyn	10			U2-1
PB168622BS	ALCS622	PCB	30.02	N/A	ritesh	Evelyn	10			2
Q2409-02	COP-SOIL-PILE	PCB	30.05	N/A	ritesh	Evelyn	10	D		3
Q2409-02MS	COP-SOIL-PILEMS	PCB	30.03	N/A	ritesh	Evelyn	10	D		4
Q2409-02MS D	COP-SOIL-PILEMSD	PCB	30.06	N/A	ritesh	Evelyn	10	D		5
Q2410-01	TRE-25-0021	PCB	5.03	N/A	ritesh	Evelyn	10	D	Oily Debris	6
Q2413-01	TP-35	PCB	30.01	N/A	ritesh	Evelyn	10	E		U3-1
Q2413-02	TP-34	PCB	30.06	N/A	ritesh	Evelyn	10	E		2
Q2413-03	TP-77	PCB	30.04	N/A	ritesh	Evelyn	10	E		3
Q2413-04	TP-74	PCB	30.07	N/A	ritesh	Evelyn	10	E		4
Q2413-05	TP-73	PCB	30.03	N/A	ritesh	Evelyn	10	E		5
Q2413-06	TP-72	PCB	30.06	N/A	ritesh	Evelyn	10	E		6
Q2414-01	WC-1	PCB	30.08	N/A	ritesh	Evelyn	10	E		U6-1
Q2415-01	WC-1	PCB	30.05	N/A	ritesh	Evelyn	10	A		2
Q2416-01	MH-G/H	PCB	30.03	N/A	ritesh	Evelyn	10	E		3
Q2419-01	EO-03-06252025	PCB	30.01	N/A	ritesh	Evelyn	10	E		4
Q2420-01	72-11933	PCB	30.09	N/A	ritesh	Evelyn	10	E		5
Q2422-01	60263	PCB	1.05	N/A	ritesh	Evelyn	10	A	Oil	
Q2423-01	RT915	PCB	30.02	N/A	ritesh	Evelyn	10	E		6
Q2425-01	COMP-1	PCB Group1	30.01	N/A	ritesh	Evelyn	10	E		U1-1
Q2425-02	COMP-2	PCB Group1	30.04	N/A	ritesh	Evelyn	10	E		2
Q2425-03	COMP-3	PCB Group1	30.07	N/A	ritesh	Evelyn	10	E		3



RS
6/26

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2409

WorkList ID : 190398

Department : Extraction

Date : 06-26-2025 08:15:13

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2409-02	COP-SOIL-PILE	Solid	PCB	Cool 4 deg C	COPP02	D51	06/24/2025	8082A
Q2410-01	TRE-25-0021	Solid	PCB	Cool 4 deg C	PSEG03	D41	06/24/2025	8082A
Q2413-01	TP-35	Solid	PCB	Cool 4 deg C	CAMP02	D41	06/24/2025	8082A
Q2413-02	TP-34	Solid	PCB	Cool 4 deg C	CAMP02	D41	06/24/2025	8082A
Q2413-03	TP-77	Solid	PCB	Cool 4 deg C	CAMP02	D41	06/24/2025	8082A
Q2413-04	TP-74	Solid	PCB	Cool 4 deg C	CAMP02	D41	06/24/2025	8082A
Q2413-05	TP-73	Solid	PCB	Cool 4 deg C	CAMP02	D41	06/24/2025	8082A
Q2413-06	TP-72	Solid	PCB	Cool 4 deg C	CAMP02	D41	06/24/2025	8082A
Q2414-01	WC-1	Solid	PCB	Cool 4 deg C	PSEG01	A33	06/25/2025	8082A
Q2415-01	WC-1	Solid	PCB	Cool 4 deg C	PSEG03		06/24/2025	8082A
Q2416-01	MH-G/H	Solid	PCB	Cool 4 deg C	PSEG03	A42	06/25/2025	8082A
Q2419-01	EO-03-06252025	Solid	PCB	Cool 4 deg C	PSEG05	D51	06/25/2025	8082A
Q2420-01	72-11933	Solid	PCB	Cool 4 deg C	PSEG03	D41	06/25/2025	8082A
Q2422-01	60263	Solid	PCB	Cool 4 deg C	PSEG03	D51	06/25/2025	8082A
Q2423-01	RT915	Solid	PCB	Cool 4 deg C	PSEG03	D51	06/25/2025	8082A
Q2425-01	COMP-1	Solid	PCB Group1	Cool 4 deg C	POWE02	D51	06/24/2025	8082A
Q2425-02	COMP-2	Solid	PCB Group1	Cool 4 deg C	POWE02	D51	06/24/2025	8082A
Q2425-03	COMP-3	Solid	PCB Group1	Cool 4 deg C	POWE02	D51	06/24/2025	8082A

Date/Time 06/26/25 8:15
 Raw Sample Received by: RJ (Jeffrey)
 Raw Sample Relinquished by: [Signature]

Date/Time 06/26/25 18:45
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: RJ (Jeffrey)



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: CDM SMITH
ADDRESS: 110 FIELDCREST AVE #8 6TH FLOOR
CITY: EDISON STATE: NJ ZIP: 08837
ATTENTION: MARCIE ENCINAS
PHONE: 732 590 4679 FAX: 732 225 7851

CLIENT PROJECT INFORMATION

PROJECT NAME: SOUTH RIVER WM REPLACEMENT
PROJECT NO.: 302781 LOCATION: SOUTH RIVER NJ
PROJECT MANAGER: MARCIE ENCINAS
e-mail: ENCINASMA@CDMSMITH.COM
PHONE: 732 590 4679 FAX: 732 225 7851

CLIENT BILLING INFORMATION

BILL TO: CDM SMITH PO#:
ADDRESS: 110 FIELDCREST AVE #8 6TH FLOOR
CITY: EDISON STATE: NJ ZIP: 08837
ATTENTION: MARCIE ENCINAS PHONE: 732 590 4679

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☒ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other _____
☐ EDD FORMAT

TCL VOL
TCL SVOL
TAL METALS
PCB
PESTICIDES
HERBICIDES
DRUGS

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	TP-35	S		X	6/23/25	0820	6	X	X	X	X	X	X	X			E
2.	TP-34	S		X	6/23/25	0905	6	X	X	X	X	X	X	X			E
3.	TP-77	S		X	6/23/25	1015	6	X	X	X	X	X	X	X			F
4.	TP-74	S		X	6/23/25	1115	6	X	X	X	X	X	X	X			E
5.	TP-73	S		X	6/23/25	1250	6	X	X	X	X	X	X	X			E
6.	TP-72	S		X	6/24/25	0805	6	X	X	X	X	X	X	X			E
7.																	E
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. <i>[Signature]</i>	DATE/TIME: 6/24/25 1500	RECEIVED BY: <i>[Signature]</i> 6-24-25 1500	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 31 °C
RELINQUISHED BY SAMPLER: 2. <i>[Signature]</i>	DATE/TIME:	RECEIVED BY: <i>[Signature]</i>	Comments:
RELINQUISHED BY SAMPLER: 3. <i>[Signature]</i>	DATE/TIME: 6-24-25	RECEIVED BY: 3.	Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete
☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2413 CAMP02

Order Date : 6/24/2025 3:05:00 PM

Project Mgr :

Client Name : CDM Smith

Project Name : South River WM Replacem

Report Type : Level 1

Client Contact : Marcie Ann Encinas

Receive DateTime : 6/24/2025 12:00:00 AM

EDD Type : EXCEL NOCLEANUP

Invoice Name : CDM Smith

Purchase Order :

Hard Copy Date :

Invoice Contact : Marcie Ann Encinas

Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2413-01	TP-35	Solid	06/24/2025	08:20					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2413-02	TP-34	Solid	06/24/2025	09:05					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2413-03	TP-77	Solid	06/24/2025	10:15					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2413-04	TP-74	Solid	06/24/2025	11:15					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2413-05	TP-73	Solid	06/24/2025	12:50					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2413-06	TP-72	Solid	06/24/2025	08:05					
					VOC-TCLVOA-10		8260D	10 Bus. Days	

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2413 CAMP02

Order Date : 6/24/2025 3:05:00 PM

Project Mgr :

Client Name : CDM Smith

Project Name : South River WM Replacem

Report Type : Level 1

Client Contact : Marcie Ann Encinas

Receive DateTime : 6/24/2025 12:00:00 AM

EDD Type : EXCEL NOCLEANUP

Invoice Name : CDM Smith

Purchase Order :

Hard Copy Date :

Invoice Contact : Marcie Ann Encinas

Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
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Relinquished By :

Date / Time : 6/25/25 0935

Received By :

Date / Time : 6/25/25 9:35

Storage Area : VOA Refridgerator Room