

Cover Page

Order ID : Q1036

Project ID : E9306 - Northpoint - 4101 Arthur Kill Rd

Client : ENTACT

Lab Sample Number

Q1036-01
Q1036-02

Client Sample Number

NP-WS-002
NP-WS-002

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

Signature : _____

Date: 1/10/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1036

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: KETAN PATEL

Date: 01/10/2025

LAB CHRONICLE

OrderID:	Q1036	OrderDate:	1/8/2025 1:06:00 PM
Client:	ENTACT	Project:	E9306 - Northpoint - 4101 Arthur Kill Rd
Contact:	Wyatt Seel	Location:	N51,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1036-01	NP-WS-002	WATER	PCB	8082A	01/08/25	01/09/25	01/09/25	01/08/25



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Hit Summary Sheet
SW-846

SDG No.: Q1036

Order ID: Q1036

Client: ENTACT

Project ID: E9306 - Northpoint - 4101 Arthur Kill

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.: Q1036

Client: ENTACT

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PP068914.D	PIBLK-PP068914.D	Tetrachloro-m-xylene	1	20	21.4	107		30 (10)	150 (157)
		Decachlorobiphenyl	1	20	23.6	118		30 (10)	150 (173)
		Tetrachloro-m-xylene	2	20	21.8	109		30 (10)	150 (157)
		Decachlorobiphenyl	2	20	22.9	115		30 (10)	150 (173)
I.BLK-PP069032.D	PIBLK-PP069032.D	Tetrachloro-m-xylene	1	20	21.6	108		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	21.2	106		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	21.2	106		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	20.8	104		70 (60)	130 (140)
PB165988BL	PB165988BL	Tetrachloro-m-xylene	1	20	20.2	101		30 (10)	150 (157)
		Decachlorobiphenyl	1	20	20.1	100		30 (10)	150 (173)
		Tetrachloro-m-xylene	2	20	19.9	100		30 (10)	150 (157)
		Decachlorobiphenyl	2	20	19.5	97		30 (10)	150 (173)
PB165988BS	PB165988BS	Tetrachloro-m-xylene	1	20	21.3	106		30 (10)	150 (157)
		Decachlorobiphenyl	1	20	20.8	104		30 (10)	150 (173)
		Tetrachloro-m-xylene	2	20	20.4	102		30 (10)	150 (157)
		Decachlorobiphenyl	2	20	19.2	96		30 (10)	150 (173)
PB165988BSD	PB165988BSD	Tetrachloro-m-xylene	1	20	21.3	106		30 (10)	150 (157)
		Decachlorobiphenyl	1	20	20.7	104		30 (10)	150 (173)
		Tetrachloro-m-xylene	2	20	20.9	105		30 (10)	150 (157)
		Decachlorobiphenyl	2	20	20.2	101		30 (10)	150 (173)
Q1036-01	NP-WS-002	Tetrachloro-m-xylene	1	20	19.1	96		30 (10)	150 (157)
		Decachlorobiphenyl	1	20	14.4	72		30 (10)	150 (173)
		Tetrachloro-m-xylene	2	20	19.4	97		30 (10)	150 (157)
		Decachlorobiphenyl	2	20	14.3	72		30 (10)	150 (173)
I.BLK-PP069046.D	PIBLK-PP069046.D	Tetrachloro-m-xylene	1	20	21.3	107		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	21.4	107		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	20.8	104		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	21.6	108		70 (60)	130 (140)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1036

Client: ENTACT

Analytical Method: **8082A** **Datafile :** PP069034.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB165988BS	AR1016	5	4.60	ug/L	92				40 (61)	140 (112)	
	AR1260	5	4.30	ug/L	86				40 (66)	140 (113)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1036

Client: ENTACT

Analytical Method: **8082A** **Datafile :** PP069035.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB165988BSD	AR1016	5	4.60	ug/L	92	0			40 (61)	140 (112)	20 (20)
	AR1260	5	4.30	ug/L	86	0			40 (66)	140 (113)	20 (20)

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165988BL

Lab Name: CHEMTECH

Contract: ENTA05

Lab Code: CHEM Case No.: Q1036

SAS No.: Q1036 SDG NO.: Q1036

Lab Sample ID: PB165988BL

Lab File ID: PP069033.D

Matrix: (soil/water) WATER

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 01/09/2025

Date Analyzed (1): 01/09/2025

Date Analyzed (2): 01/09/2025

Time Analyzed (1): 13:38

Time Analyzed (2): 13:38

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
PB165988BS	PB165988BS	PP069034.D	01/09/2025	01/09/2025
PB165988BSD	PB165988BSD	PP069035.D	01/09/2025	01/09/2025
NP-WS-002	Q1036-01	PP069041.D	01/09/2025	01/09/2025

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	01/08/25
Project:	E9306 - Northpoint - 4101 Arthur Kill Rd	Date Received:	01/08/25
Client Sample ID:	NP-WS-002	SDG No.:	Q1036
Lab Sample ID:	Q1036-01	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069041.D	1	01/09/25 08:20	01/09/25 15:49	PB165988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.4		30 (10) - 150 (157)	97%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.4		30 (10) - 150 (173)	72%	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\PP010925\
 Data File : PP069041.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jan 2025 15:49
 Operator : YP\AJ
 Sample : Q1036-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 NP-WS-002

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/10/2025
 Supervised By :Ankita Jodhani 01/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 09 16:17:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 11:05:55 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...	4.668	3.981	26621883	18899105	19.135	19.361m
2) SA Decachlor...	10.516	9.106	16069030	17212640	14.393	14.328

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010925\
Data File : PP069041.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jan 2025 15:49
Operator : YP\AJ
Sample : Q1036-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

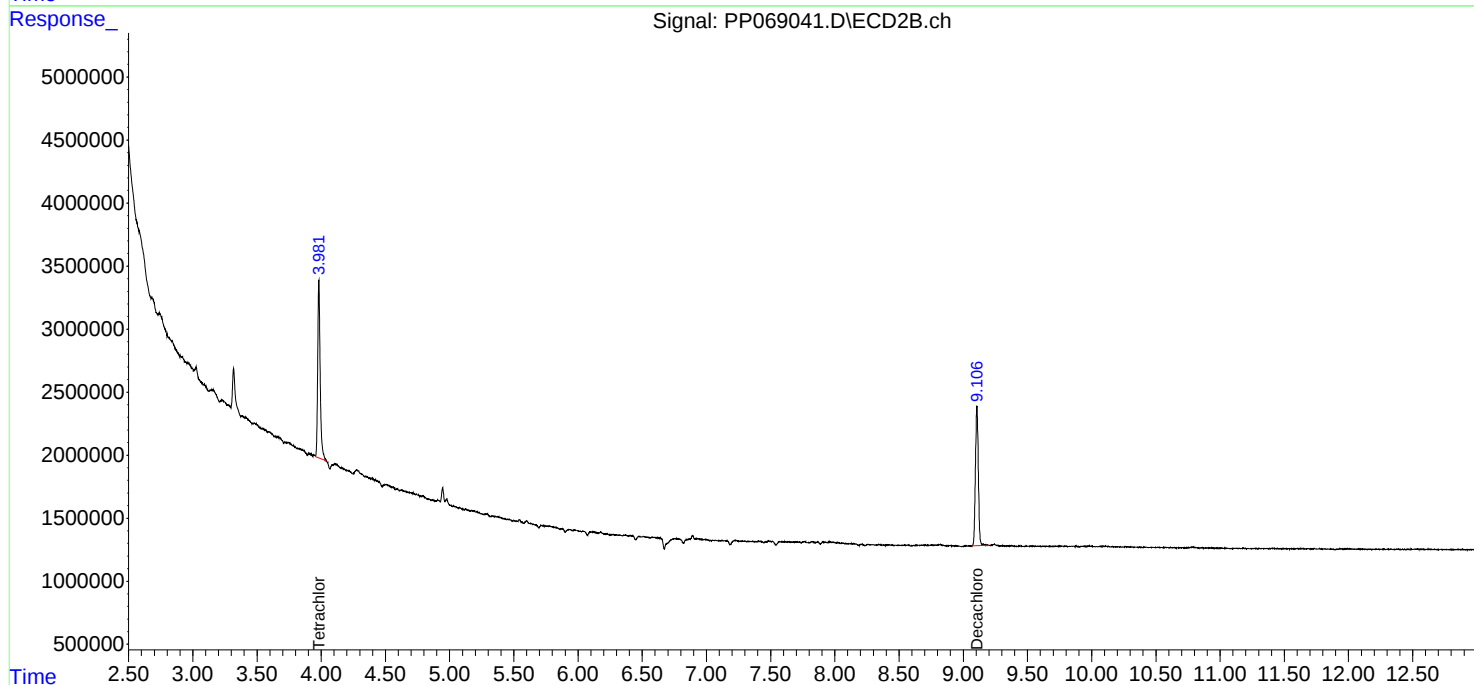
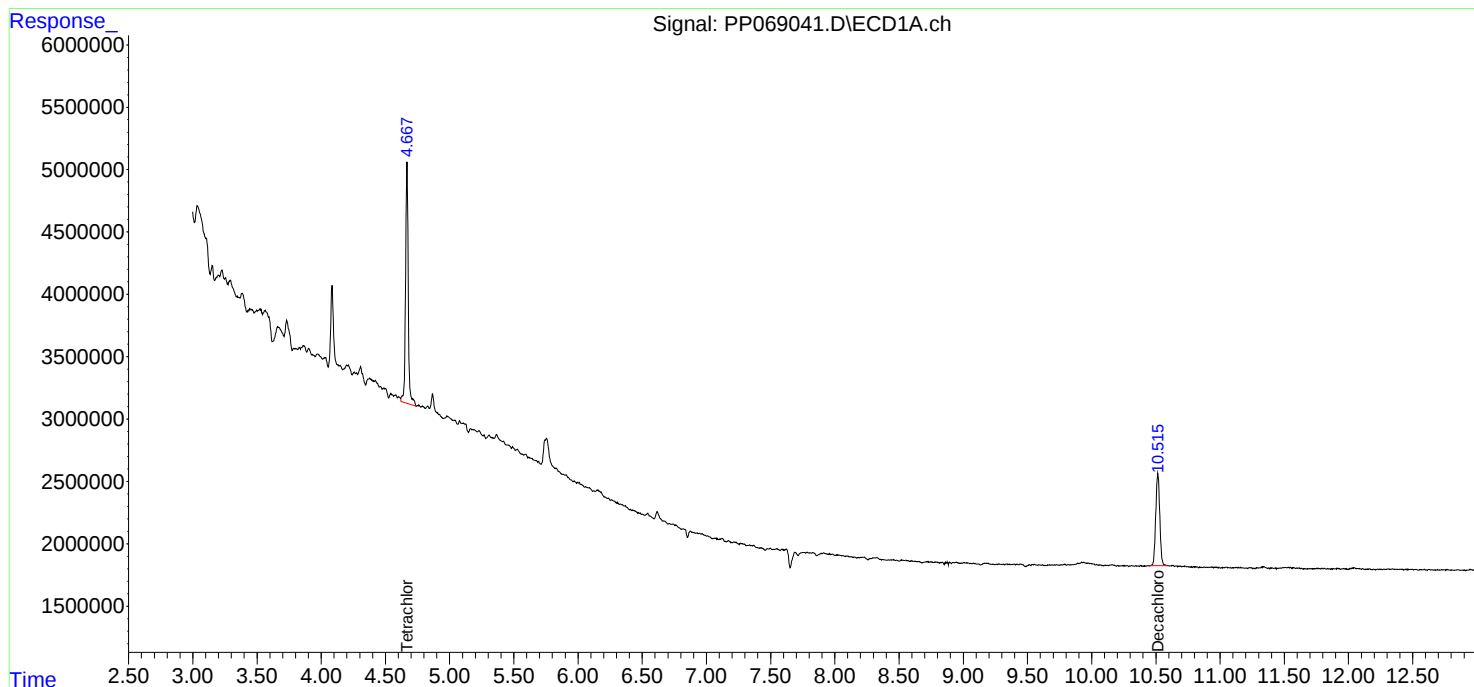
Instrument :
ECD_P
ClientSampleId :
NP-WS-002

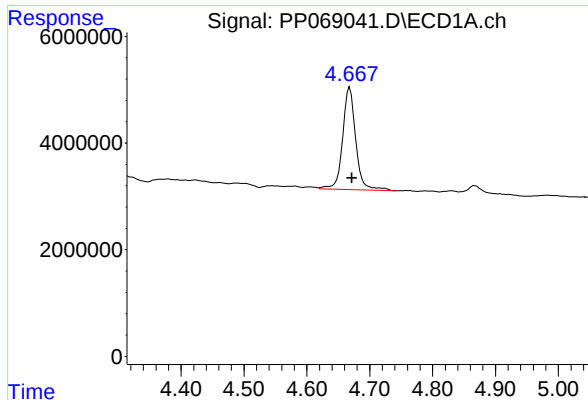
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/10/2025
Supervised By :Ankita Jodhani 01/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 09 16:17:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 11:05:55 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





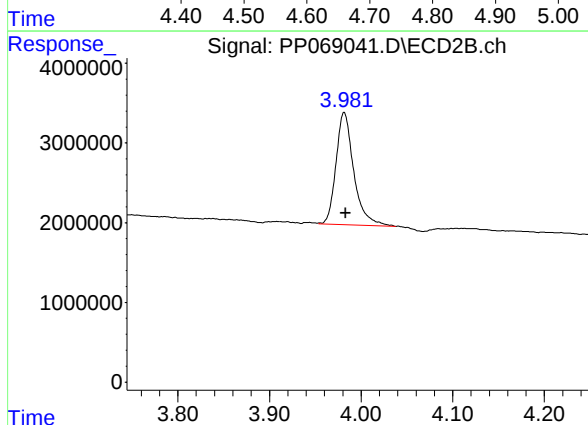
#1 Tetrachloro-m-xylene

R.T.: 4.668 min
Delta R.T.: -0.004 min
Response: 26621883
Conc: 19.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
NP-WS-002

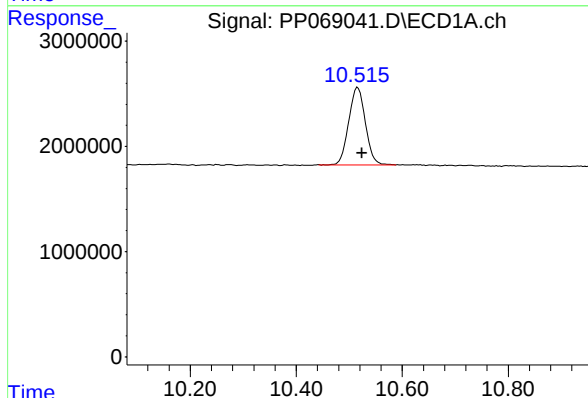
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/10/2025
Supervised By :Ankita Jodhani 01/10/2025



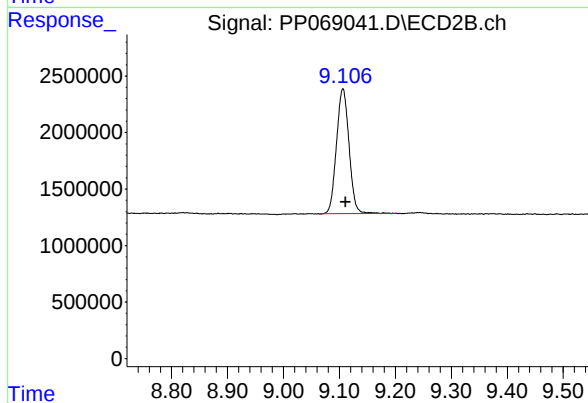
#1 Tetrachloro-m-xylene

R.T.: 3.981 min
Delta R.T.: -0.002 min
Response: 18899105
Conc: 19.36 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.516 min
Delta R.T.: -0.008 min
Response: 16069030
Conc: 14.39 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.106 min
Delta R.T.: -0.005 min
Response: 17212640
Conc: 14.33 ng/ml



CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Contract:	<u>ENTA05</u>						
Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1036</u>	SAS No.:	<u>Q1036</u>	SDG NO.:	<u>Q1036</u>
Instrument ID:	<u>ECD_P</u>	Calibration Date(s):		<u>01/06/2025</u>	<u>01/07/2025</u>		
		Calibration Times:		<u>19:57</u>	<u>03:16</u>		

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

LAB FILE ID:	RT 1000 =	<u>PP068915.D</u>	RT 750 =	<u>PP068916.D</u>	
RT 500 =	PP068917.D	RT 250 =	PP068918.D	RT 050 =	PP068919.D

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.53	10.52	10.53	10.53	10.53	10.53	10.43	10.63
Tetrachloro-m-xylene	4.67	4.67	4.68	4.67	4.67	4.67	4.57	4.77

RETENTION TIMES OF INITIAL CALIBRATION

Contract:	<u>ENTA05</u>						
Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1036</u>	SAS No.:	<u>Q1036</u>	SDG NO.:	<u>Q1036</u>
Instrument ID:	<u>ECD_P</u>	Calibration Date(s):		<u>01/06/2025</u>	<u>01/07/2025</u>		
		Calibration Times:		<u>19:57</u>	<u>03:16</u>		

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

LAB FILE ID: RT 1000 = PP068915.D RT 750 = PP068916.D
RT 500 = PP068917.D RT 250 = PP068918.D RT 050 = PP068919.D

[illegible]



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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	9.11	9.11	9.11	9.11	9.11	9.11	9.01	9.21
Tetrachloro-m-xylene	3.98	3.99	3.98	3.99	3.99	3.99	3.89	4.09

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: ENTA05
Lab Code: CHEM **Case No.:** Q1036 **SAS No.:** Q1036 **SDG NO.:** Q1036
Instrument ID: ECD_P **Calibration Date(s):** 01/06/2025 01/07/2025
Calibration Times: 19:57 03:16

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

LAB FILE ID:		CF 1000 = <u>PP068915.D</u>		CF 750 = <u>PP068916.D</u>			
CF 500 = <u>PP068917.D</u>		CF 250 = <u>PP068918.D</u>		CF 050 = <u>PP068919.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	40885041	42512889	44289716	47071260	49420440	44835869
Aroclor-1016-2	(2)	62798143	66870065	71355832	74463520	60581160	67213744
Aroclor-1016-3	(3)	38906215	41190977	43337062	44705104	42803280	42188528
Aroclor-1016-4	(4)	32017271	33989945	35396090	37112512	36407480	34984660
Aroclor-1016-5	(5)	31333269	33431283	34724498	36878872	36588000	34591184
Aroclor-1260-1	(1)	55297007	58192836	62922684	69154760	68099580	62733373
Aroclor-1260-2	(2)	67660862	71484929	76227518	82167320	81110380	75730202
Aroclor-1260-3	(3)	58632775	61433135	65701952	71094008	71146000	65601574
Aroclor-1260-4	(4)	59030440	62369265	66379830	72014688	71257740	66210393
Aroclor-1260-5	(5)	114116479	119881285	126090058	134301316	131412820	125160392
Decachlorobiphenyl		1023741880	1056425320	1121292880	1210658840	1170227200	1116469224
Tetrachloro-m-xylene		1326275610	1382087027	1468306860	1479335360	1300426400	1391286251
Aroclor-1242-1	(1)	34530888	35835835	38265986	39688008	36986960	37061535
Aroclor-1242-2	(2)	53812431	57030873	58285280	60713132	56990340	57366411
Aroclor-1242-3	(3)	33081940	34635303	35614556	36593920	32098720	34404888
Aroclor-1242-4	(4)	27124048	28554160	29011970	30535176	28553820	28755835
Aroclor-1242-5	(5)	28568682	30265879	31460328	34073560	32548420	31383374
Decachlorobiphenyl		1057852260	1096409133	1155210300	1246587680	1198216600	1150855195
Tetrachloro-m-xylene		1394590290	1447491667	1467964440	1549944240	1381835600	1448365247
Aroclor-1248-1	(1)	26695957	28363937	29113116	30696272	32268960	29427648
Aroclor-1248-2	(2)	39758611	41635612	43966204	45812740	44431240	43120881
Aroclor-1248-3	(3)	43369699	45590668	48109160	50175608	48642380	47177503
Aroclor-1248-4	(4)	48885695	51390620	54733604	57272840	56221120	53700776
Aroclor-1248-5	(5)	48278095	50482795	53357482	55918364	52049580	52017263
Decachlorobiphenyl		1066892850	1123847293	1166223560	1225696720	1209265600	1158385205
Tetrachloro-m-xylene		1361089130	1427544907	1477014820	1525467280	1364872200	1431197667
Aroclor-1254-1	(1)	49172649	49533699	53610608	58077532	55866960	53252290
Aroclor-1254-2	(2)	74069643	77837235	82015762	86380616	86228260	81306303
Aroclor-1254-3	(3)	74567235	77904277	81251544	85540744	83625320	80577824
Aroclor-1254-4	(4)	56677692	58857921	61471660	64793644	62695060	60899195
Aroclor-1254-5	(5)	58716523	62776568	66462096	67494376	64118280	63913569
Decachlorobiphenyl		1066838960	1102446147	1164362860	1216202280	1160296800	1142029409
Tetrachloro-m-xylene		1365775780	1425990440	1463637820	1512114920	1328566000	1419216992
Aroclor-1268-1	(1)	171965956	177687748	186682010	194675404	192886820	184779588



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Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	154222187	158538831	166288358	172425976	164689060	163232882	4
Aroclor-1268-3	(3)	132497790	136244848	143110640	148784080	145166140	141160700	5
Aroclor-1268-4	(4)	52619884	54911151	57926548	58342576	54828300	55725692	4
Aroclor-1268-5	(5)	378200294	382944067	400675634	416373980	405222020	396683199	4
Decachlorobiphenyl		1745780270	1802805640	1904368380	1971078840	1937468800	1872300386	5
Tetrachloro-m-xylene		1365175360	1389613933	1450454560	1456482120	1340302600	1400405715	4

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: ENTA05
Lab Code: CHEM **Case No.:** Q1036 **SAS No.:** Q1036 **SDG NO.:** Q1036
Instrument ID: ECD_P **Calibration Date(s):** 01/06/2025 01/07/2025
Calibration Times: 19:57 03:16

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

LAB FILE ID:		CF 1000 = <u>PP068915.D</u>		CF 750 = <u>PP068916.D</u>			
CF 500 = <u>PP068917.D</u>		CF 250 = <u>PP068918.D</u>		CF 050 = <u>PP068919.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	29491720	31871205	35002460	37188936	35609200	33832704
Aroclor-1016-2	(2)	43905696	46895139	51079918	59834124	49947760	50332527
Aroclor-1016-3	(3)	24591042	26218015	28467334	29753780	26453500	27096734
Aroclor-1016-4	(4)	21752440	23319543	25647084	27056044	25429040	24640830
Aroclor-1016-5	(5)	26864500	28975405	32107876	32642752	30388580	30195823
Aroclor-1260-1	(1)	50390605	53012508	58700244	62769480	61600300	57294627
Aroclor-1260-2	(2)	58350095	59819339	67189098	72555824	71470420	65876955
Aroclor-1260-3	(3)	56856247	58933307	66166408	70041080	69921440	64383696
Aroclor-1260-4	(4)	50536167	50055928	57211992	62777372	59480660	56012424
Aroclor-1260-5	(5)	113748686	110133253	122878600	134950020	132356860	122813484
Decachlorobiphenyl		1055952250	1078345120	1181870400	1328006000	1362385800	1201311914
Tetrachloro-m-xylene		921448750	960676413	1002945440	1051065280	944696000	976166377
Aroclor-1242-1	(1)	25904769	27693345	29421300	31654716	32061380	29347102
Aroclor-1242-2	(2)	38827344	40647475	42253498	45564736	43218900	42102391
Aroclor-1242-3	(3)	21506578	22670196	23486094	24288540	24384700	23267222
Aroclor-1242-4	(4)	22209738	23492983	24690230	25684072	25766040	24368613
Aroclor-1242-5	(5)	26270830	28162075	29282028	30515800	30936940	29033535
Decachlorobiphenyl		1065489030	1201310467	1161897160	1288078080	1369157600	1217186467
Tetrachloro-m-xylene		958809120	1008718787	1019527140	1074481240	990259000	1010359057
Aroclor-1248-1	(1)	20093138	22105341	23598424	24146056	25052820	22999156
Aroclor-1248-2	(2)	29632170	32533207	34508544	36839176	37195000	34141619
Aroclor-1248-3	(3)	31007140	33988465	35908688	37877684	37882320	35332859
Aroclor-1248-4	(4)	36296413	39507735	41759214	44484412	43761000	41161755
Aroclor-1248-5	(5)	34689161	38121964	39504132	41178700	39937060	38686203
Decachlorobiphenyl		1094465140	1151641293	1242326740	1360729280	1293380600	1228508611
Tetrachloro-m-xylene		941029690	986176773	1020381960	1054278600	985643400	997502085
Aroclor-1254-1	(1)	54013826	55348175	60179124	66113132	65004480	60131747
Aroclor-1254-2	(2)	47307501	48908441	53313688	59053240	58911200	53498814
Aroclor-1254-3	(3)	74830722	75469891	83014460	89549424	88739340	82320767
Aroclor-1254-4	(4)	41013798	41461259	45272902	49531452	47721160	45000114
Aroclor-1254-5	(5)	68187162	69945763	75883524	79998908	79038140	74610699
Decachlorobiphenyl		1087096440	1107415987	1209539480	1317992920	1429766000	1230362165
Tetrachloro-m-xylene		1009511300	1003719773	1056322440	1076595560	991234800	1027476775
Aroclor-1268-1	(1)	148439751	158177365	166475976	163027408	175252540	162274608



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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	137898942	145673481	153326760	149568992	153368500	147967335	4
Aroclor-1268-3	(3)	122316439	129783148	136690276	135543656	139957980	132858300	5
Aroclor-1268-4	(4)	50957332	53350585	56471448	56057256	49474280	53262180	6
Aroclor-1268-5	(5)	371642320	386230217	400122764	389095000	402465320	389911124	3
Decachlorobiphenyl		1815118270	1907478640	2025499340	2052352080	2187263600	1997542386	7
Tetrachloro-m-xylene		980182400	966201333	1012184220	1043386960	1003939400	1001178863	3



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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: ENTA05

Lab Code: CHEM Case No.: Q1036 SAS No.: Q1036 SDG NO.: Q1036

Instrument ID: ECD_P Date(s) Analyzed: 01/06/2025 01/07/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.87	4.77	4.97	17785200
		2	4.96	4.86	5.06	12871900
		3	5.04	4.94	5.14	38767800
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	5.04	4.94	5.14	29682400
		2	5.57	5.47	5.67	16809200
		3	5.86	5.76	5.96	31337200
		4	6.02	5.92	6.12	15643200
		5	6.11	6.01	6.21	12044900
Aroclor-1262	500	1	8.28	8.18	8.38	79133000
		2	8.62	8.52	8.72	144417000
		3	8.95	8.85	9.05	102560000
		4	9.04	8.94	9.14	83101200
		5	9.72	9.62	9.82	50821400



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: ENTA05

Lab Code: CHEM Case No.: Q1036 SAS No.: Q1036 SDG NO.: Q1036

Instrument ID: ECD_P Date(s) Analyzed: 01/06/2025 01/07/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.20	4.10	4.30	13491500
		2	4.29	4.19	4.39	10378200
		3	4.36	4.26	4.46	31049200
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.36	4.26	4.46	24630800
		2	5.10	5.00	5.20	23918600
		3	5.28	5.18	5.38	12560200
		4	5.37	5.27	5.47	11992000
		5	5.54	5.44	5.64	12836200
Aroclor-1262	500	1	7.14	7.04	7.24	79852400
		2	7.40	7.30	7.50	69928200
		3	7.93	7.83	8.03	57593000
		4	7.99	7.89	8.09	100831000
		5	8.51	8.41	8.61	48819800

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
 Data File : PP068915.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jan 2025 19:57
 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: Jan 07 02:40:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 02:39:00 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...	4.672	3.983	132.6E6	92144875	90.327	91.874
2) SA Decachlor...	10.523	9.112	102.4E6	105.6E6	91.300	89.346
Target Compounds						
3) L1 AR-1016-1	5.833	5.085	40885041	29491720	923.127	842.561
4) L1 AR-1016-2	5.854	5.105	62798143	43905696	880.070	859.549
5) L1 AR-1016-3	5.918	5.285	38906215	24591042	897.758	863.834
6) L1 AR-1016-4	6.015	5.324	32017271	21752440	904.543	848.145
7) L1 AR-1016-5	6.310	5.542	31333269	26864500	902.339	836.695
31) L7 AR-1260-1	7.433	6.584	55297007	50390605	878.809	858.439
32) L7 AR-1260-2	7.687	6.772	67660862	58350095	887.617	868.446
33) L7 AR-1260-3	8.047	6.929	58632775	56856247	892.405	859.292
34) L7 AR-1260-4	8.280	7.402	59030440	50536167	889.283	883.314
35) L7 AR-1260-5	8.612	7.641	114.1E6	113.7E6	905.039	925.700

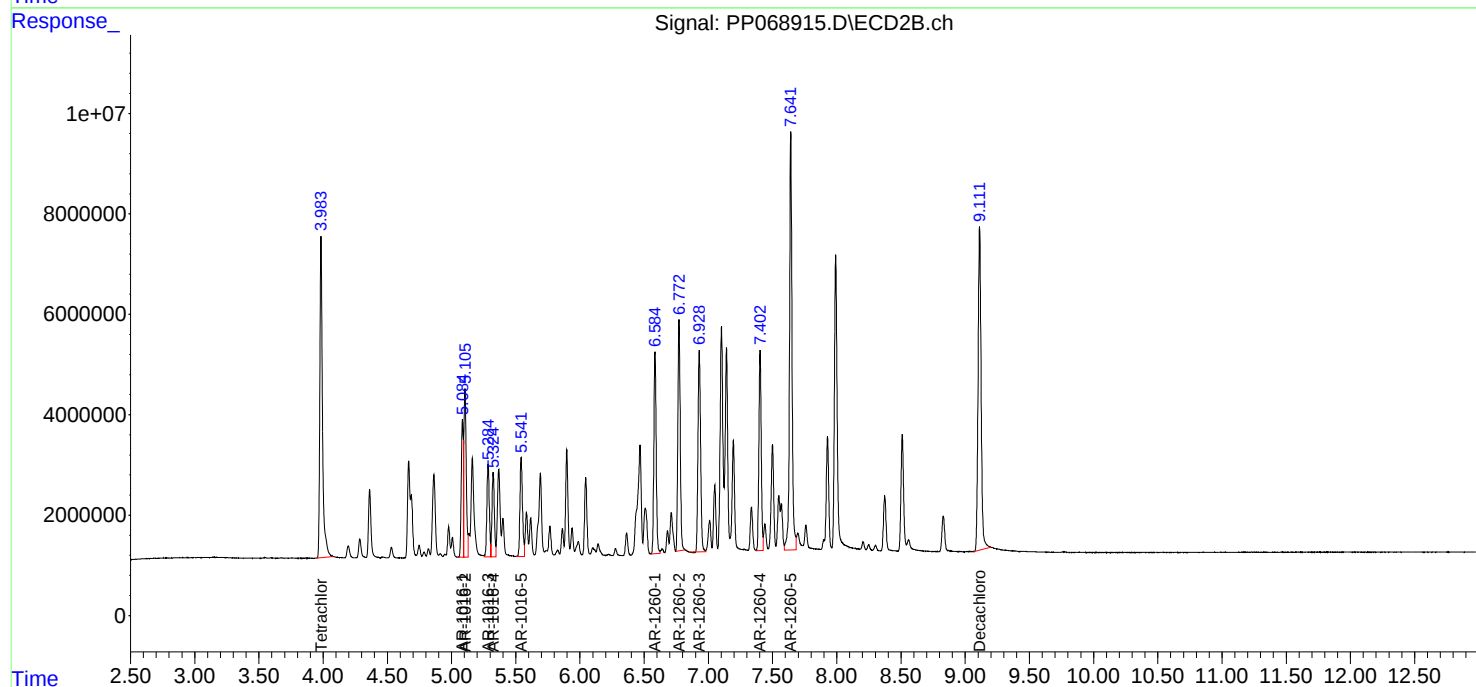
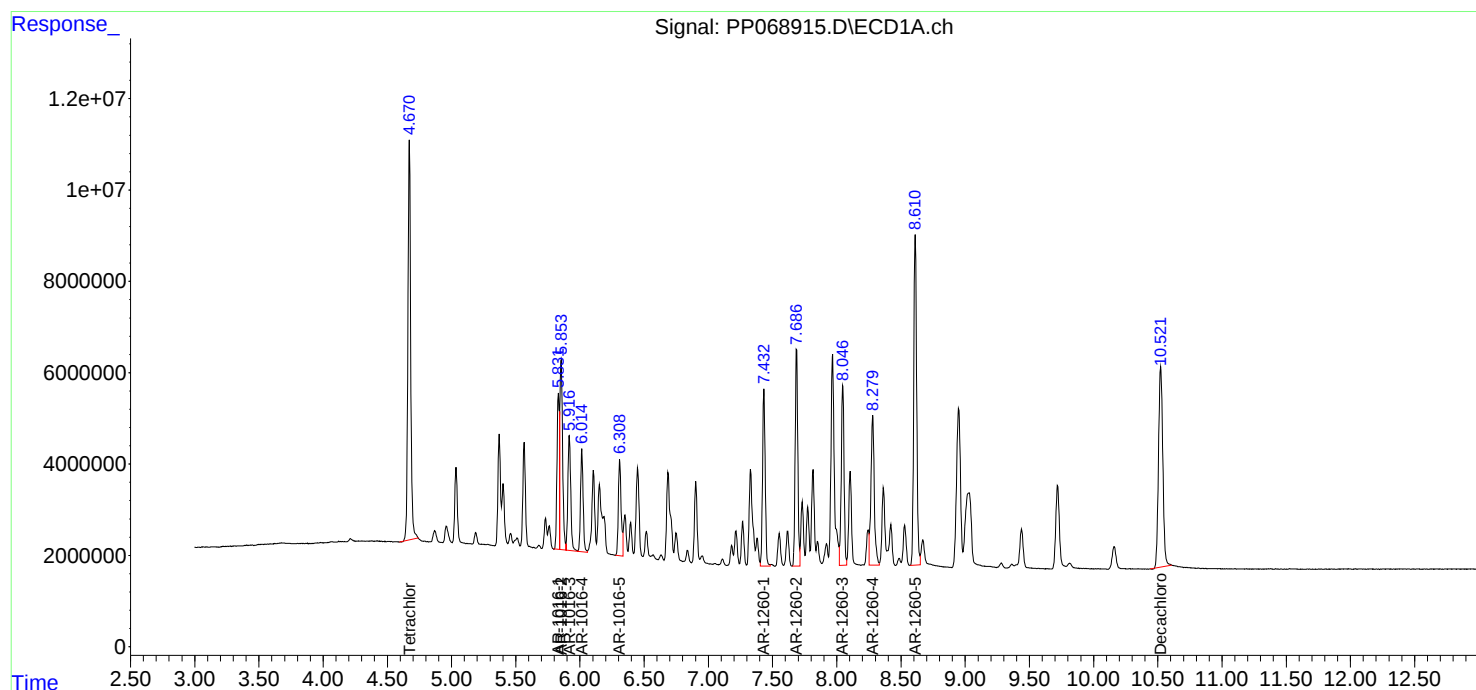
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Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068915.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 19:57
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 02:40:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 02:39:00 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\PP010625\
 Data File : PP068916.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jan 2025 20:13
 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: Jan 07 02:41:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 02:39:00 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...	4.672	3.983	103.7E6	72050731	70.596	71.839
2) SA Decachlor...	10.525	9.112	79231899	80875884	70.661	68.430
Target Compounds						
3) L1 AR-1016-1	5.834	5.085	31884667	23903404	719.911	682.906
4) L1 AR-1016-2	5.855	5.104	50152549	35171354	702.851	688.555
5) L1 AR-1016-3	5.919	5.283	30893233	19663511	712.859	690.739
6) L1 AR-1016-4	6.016	5.324	25492459	17489657	720.205	681.935
7) L1 AR-1016-5	6.311	5.541	25073462	21731554	722.068	676.829
31) L7 AR-1260-1	7.434	6.584	43644627	39759381	693.623	677.329
32) L7 AR-1260-2	7.688	6.771	53613697	44864504	703.338	667.735
33) L7 AR-1260-3	8.048	6.928	46074851	44199980	701.271	668.012
34) L7 AR-1260-4	8.281	7.402	46776949	37541946	704.686	656.190
35) L7 AR-1260-5	8.612	7.642	89910964	82599940	713.069	672.208

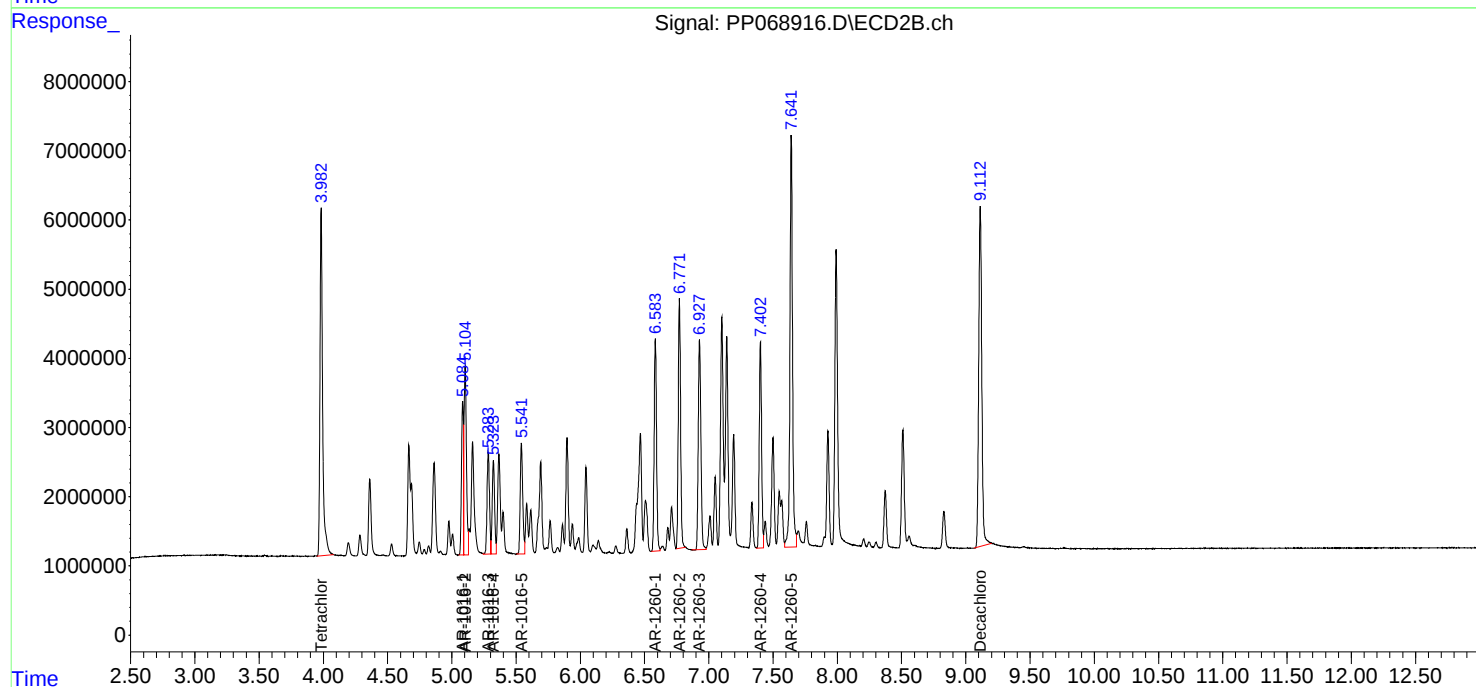
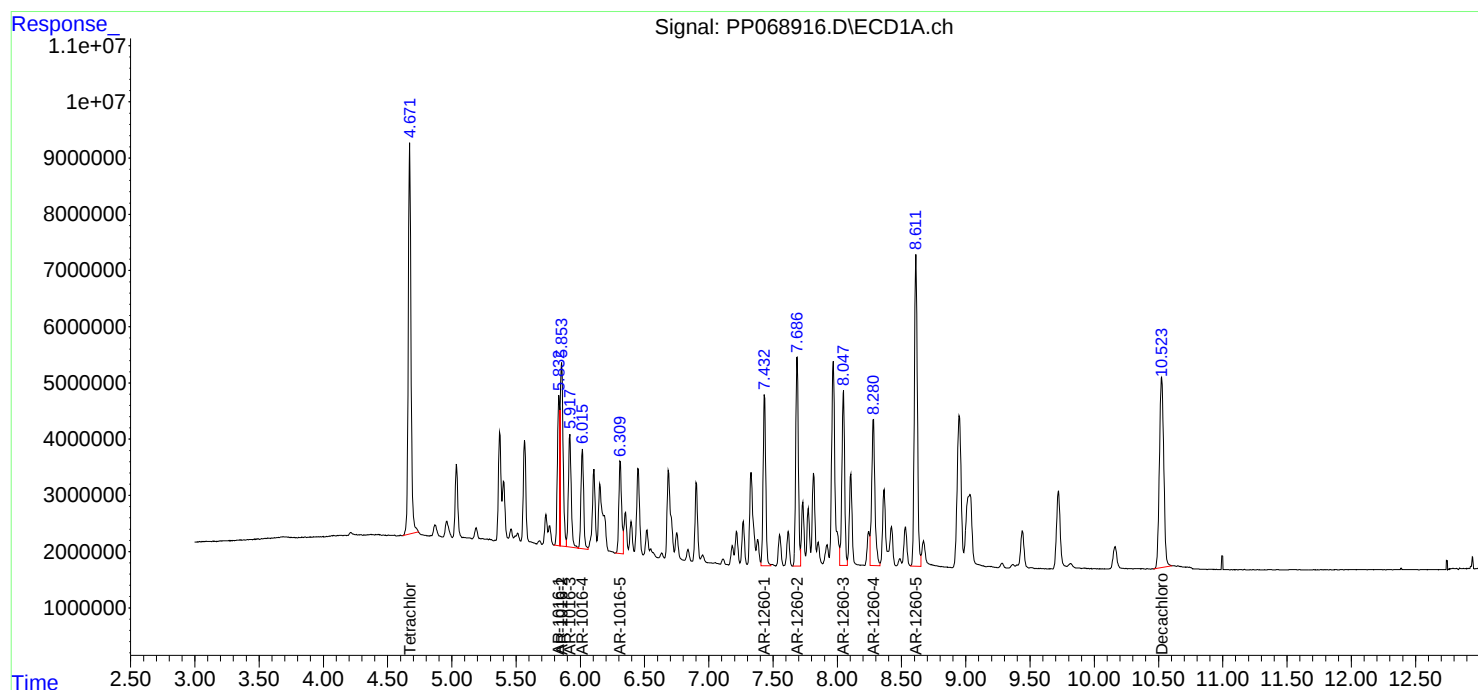
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Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068916.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 20:13
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 02:41:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 02:39:00 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\PP010625\
 Data File : PP068917.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jan 2025 20:30
 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: Jan 07 02:41:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 02:39:00 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...	4.672	3.983	73415343	50147272	50.000	50.000
2) SA Decachlor...	10.524	9.111	56064644	59093520	50.000	50.000
Target Compounds						
3) L1 AR-1016-1	5.832	5.085	22144858	17501230	500.000	500.000
4) L1 AR-1016-2	5.854	5.104	35677916	25539959	500.000	500.000
5) L1 AR-1016-3	5.918	5.284	21668531	14233667	500.000	500.000
6) L1 AR-1016-4	6.016	5.324	17698045	12823542	500.000	500.000
7) L1 AR-1016-5	6.310	5.542	17362249	16053938	500.000	500.000
31) L7 AR-1260-1	7.433	6.584	31461342	29350122	500.000	500.000
32) L7 AR-1260-2	7.687	6.772	38113759	33594549	500.000	500.000
33) L7 AR-1260-3	8.047	6.928	32850976	33083204	500.000	500.000
34) L7 AR-1260-4	8.280	7.402	33189915	28605996	500.000	500.000
35) L7 AR-1260-5	8.613	7.641	63045029	61439300	500.000	500.000

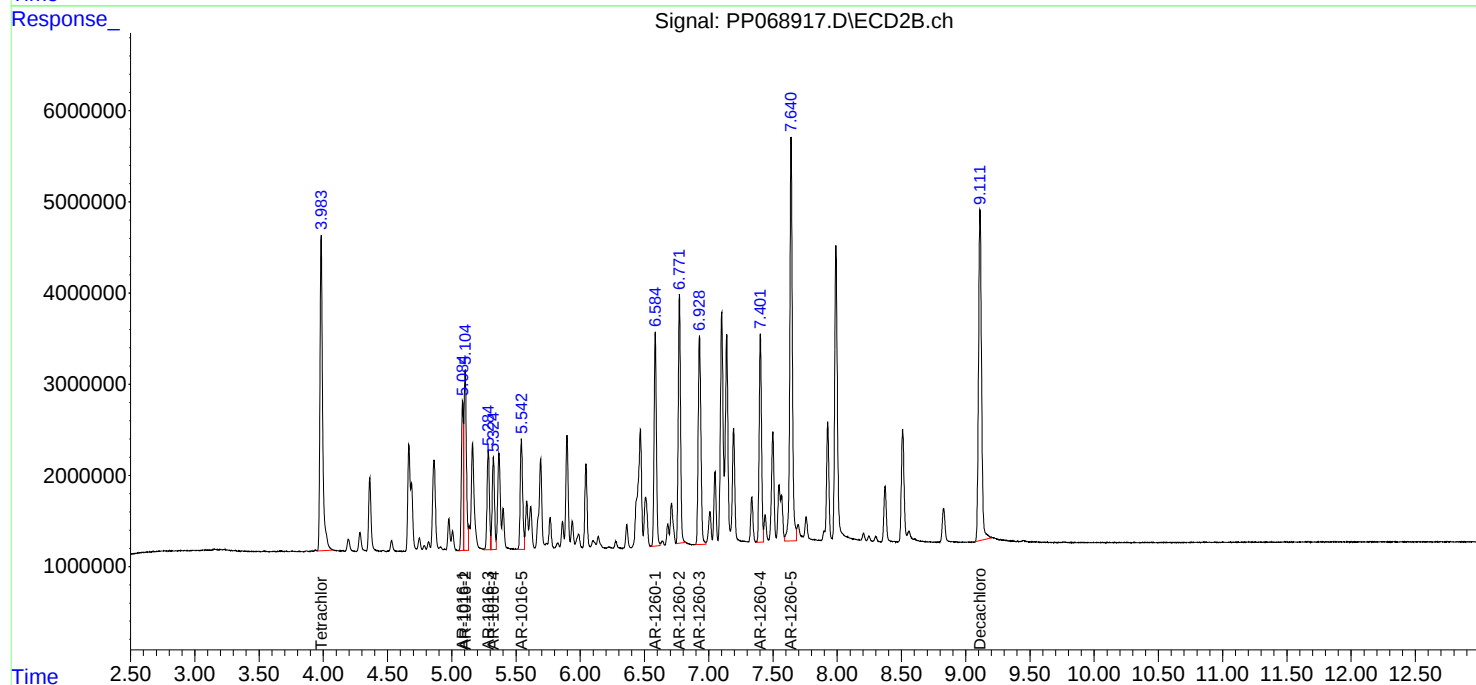
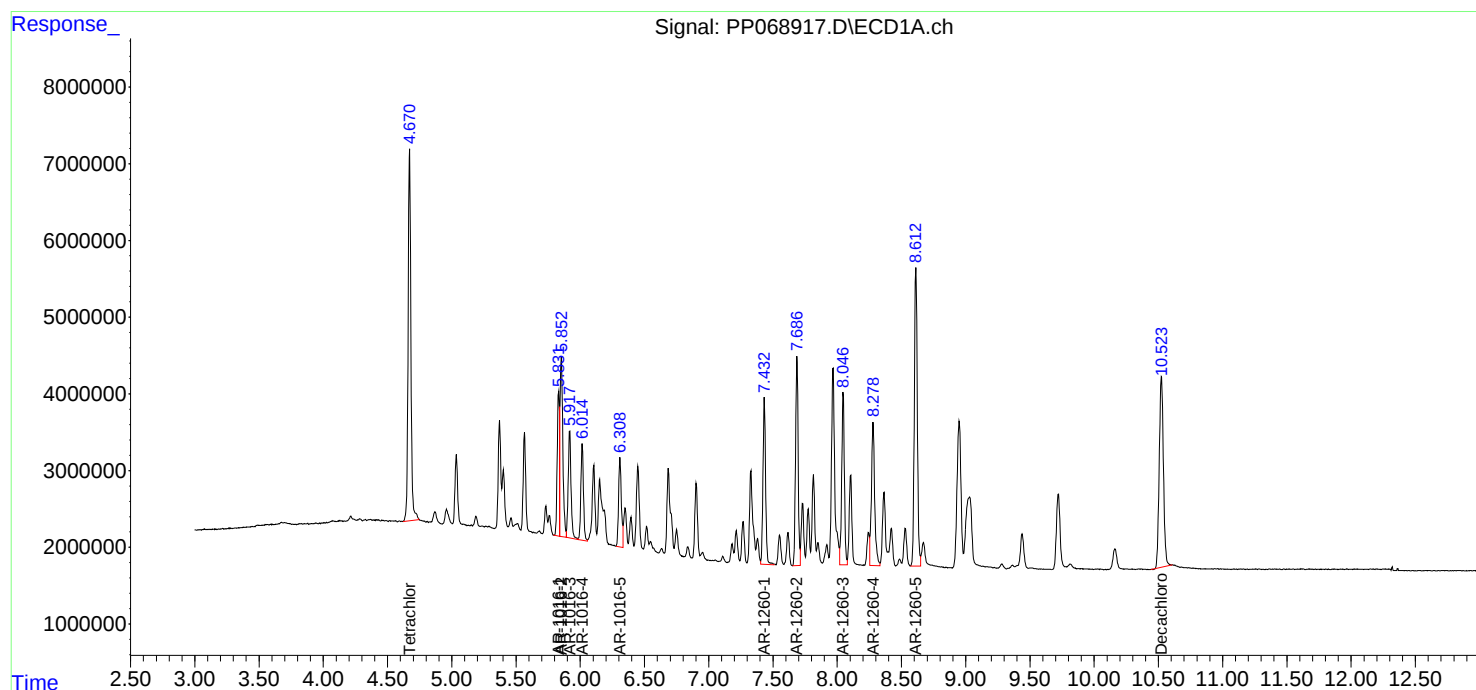
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Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068917.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 20:30
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 02:41:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 02:39:00 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\PP010625\
 Data File : PP068918.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jan 2025 20:46
 Operator : YP\AJ
 Sample : AR1660ICC250
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 07 02:41:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 02:39:00 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...	4.671	3.982	36983384	26276632	25.188	26.199
2) SA Decachlor...	10.524	9.110	30266471	33200150	26.992	28.091
Target Compounds						
3) L1 AR-1016-1	5.832	5.085	11767815	9297234	265.701	265.617
4) L1 AR-1016-2	5.854	5.104	18615880	14958531	260.888	292.846
5) L1 AR-1016-3	5.917	5.284	11176276	7438445	257.892	261.298
6) L1 AR-1016-4	6.015	5.324	9278128	6764011	262.123	263.734
7) L1 AR-1016-5	6.310	5.542	9219718	8160688	265.510	254.165
31) L7 AR-1260-1	7.433	6.584	17288690	15692370	274.761	267.331
32) L7 AR-1260-2	7.687	6.771	20541830	18138956	269.481	269.969
33) L7 AR-1260-3	8.047	6.928	17773502	17510270	270.517	264.640
34) L7 AR-1260-4	8.280	7.402	18003672	15694343	271.222	274.319
35) L7 AR-1260-5	8.612	7.640	33575329	33737505	266.281	274.560

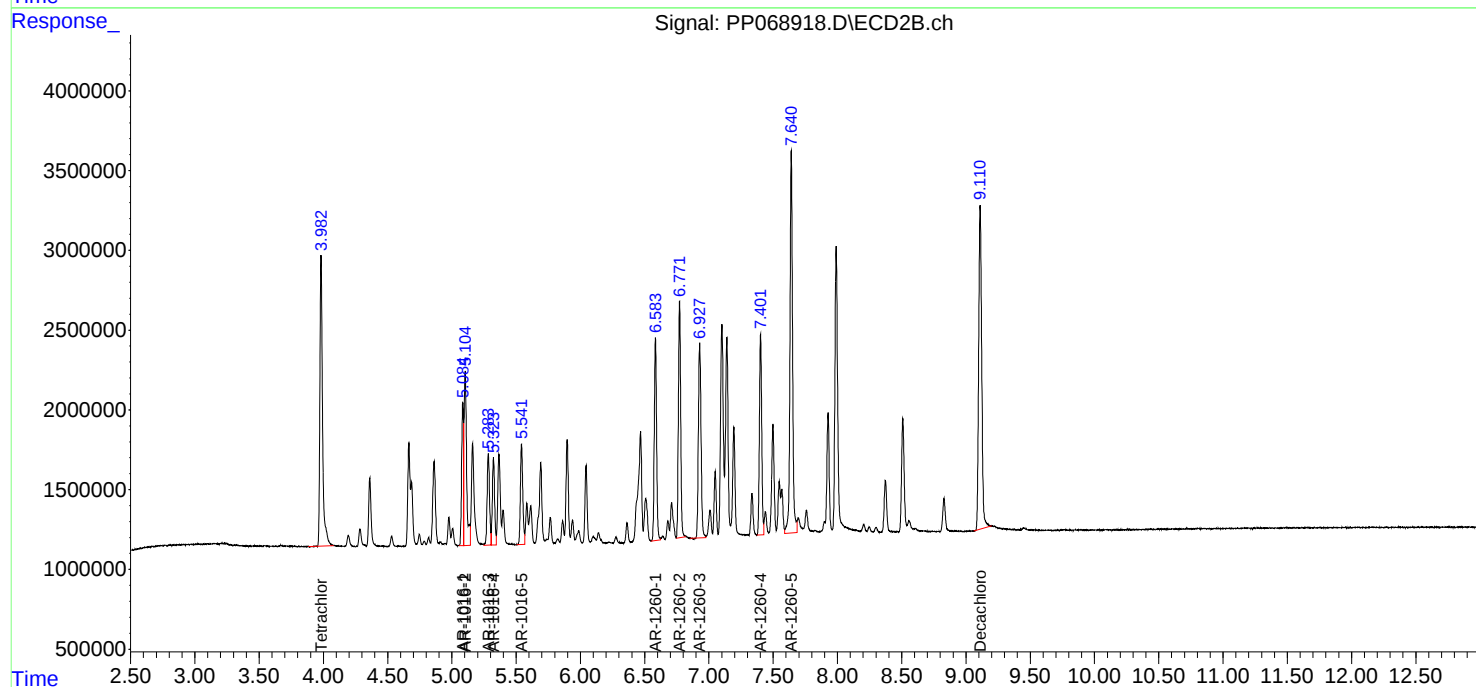
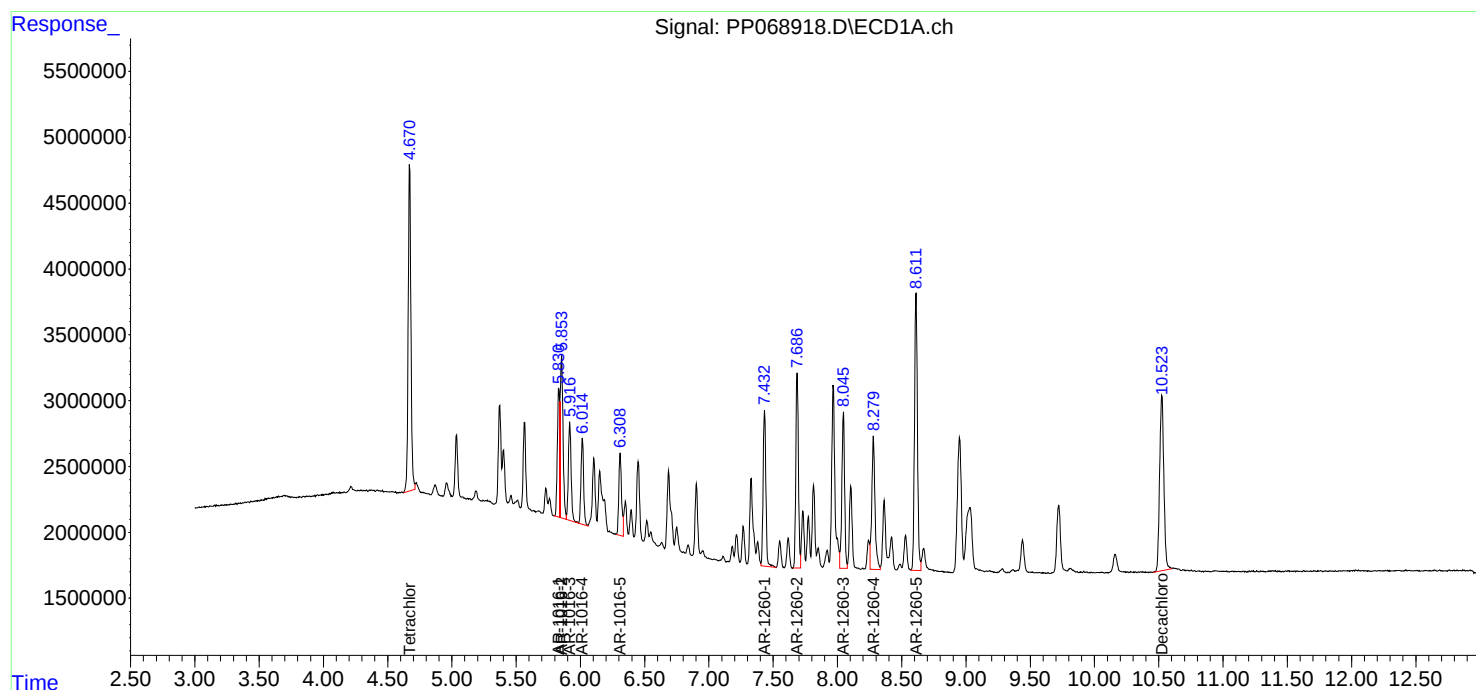
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068918.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 20:46
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 02:41:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 02:39:00 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\PP010625\
 Data File : PP068919.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jan 2025 21:02
 Operator : YP\AJ
 Sample : AR1660ICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/07/2025
 Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 07 02:41:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 02:39:00 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...	4.673	3.983	6502132	4723480	4.428	4.710
2) SA Decachlor...	10.525	9.112	5851136	6811929	5.218	5.764
Target Compounds						
3) L1 AR-1016-1	5.832	5.086	2471022	1780460	55.792m	50.867
4) L1 AR-1016-2	5.854	5.105	3029058	2497388	42.450m	48.892
5) L1 AR-1016-3	5.918	5.284	2140164	1322675	49.384	46.463
6) L1 AR-1016-4	6.016	5.324	1820374	1271452	51.429	49.575
7) L1 AR-1016-5	6.311	5.542	1829400	1519429	52.683	47.323
31) L7 AR-1260-1	7.434	6.585	3404979	3080015	54.114	52.470
32) L7 AR-1260-2	7.688	6.772	4055519	3573521	53.203	53.186
33) L7 AR-1260-3	8.048	6.928	3557300	3496072	54.143	52.838
34) L7 AR-1260-4	8.281	7.402	3562887	2974033	53.674	51.983
35) L7 AR-1260-5	8.613	7.642	6570641	6617843	52.111	53.857

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068919.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 21:02
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

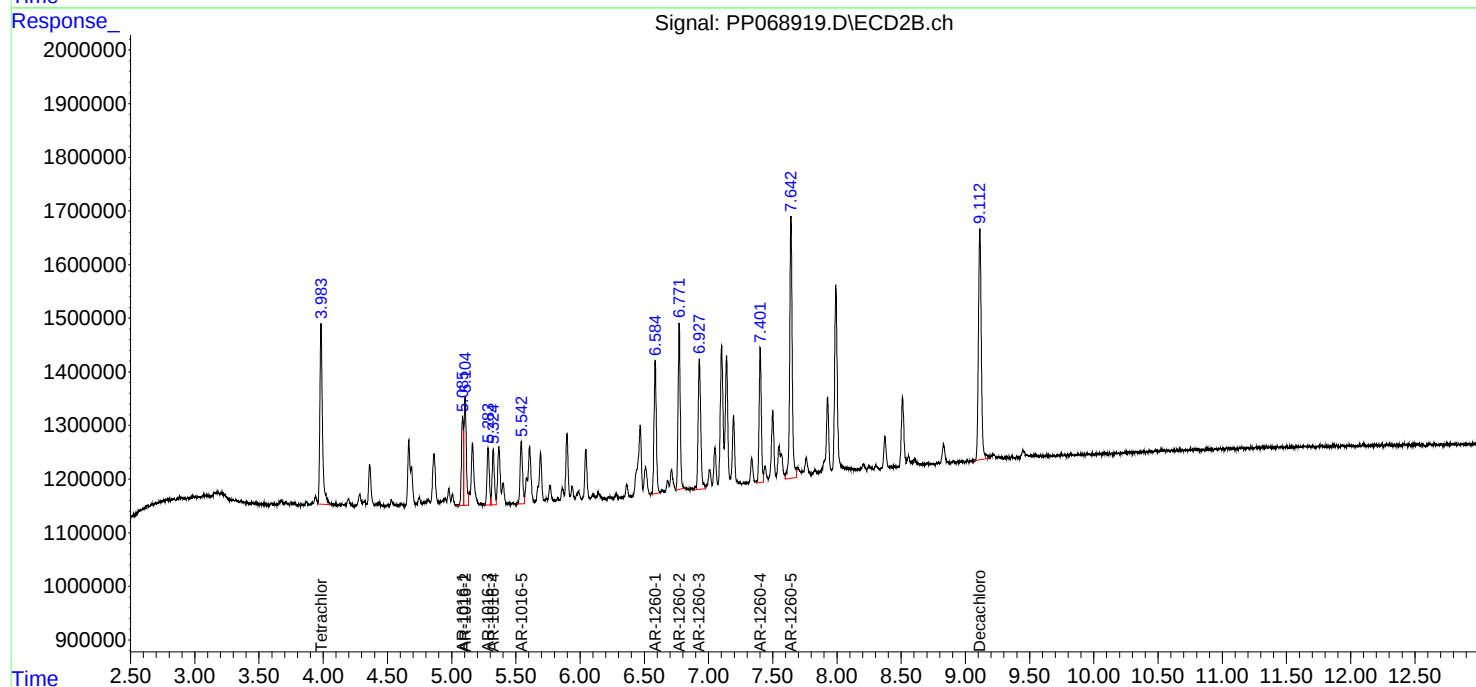
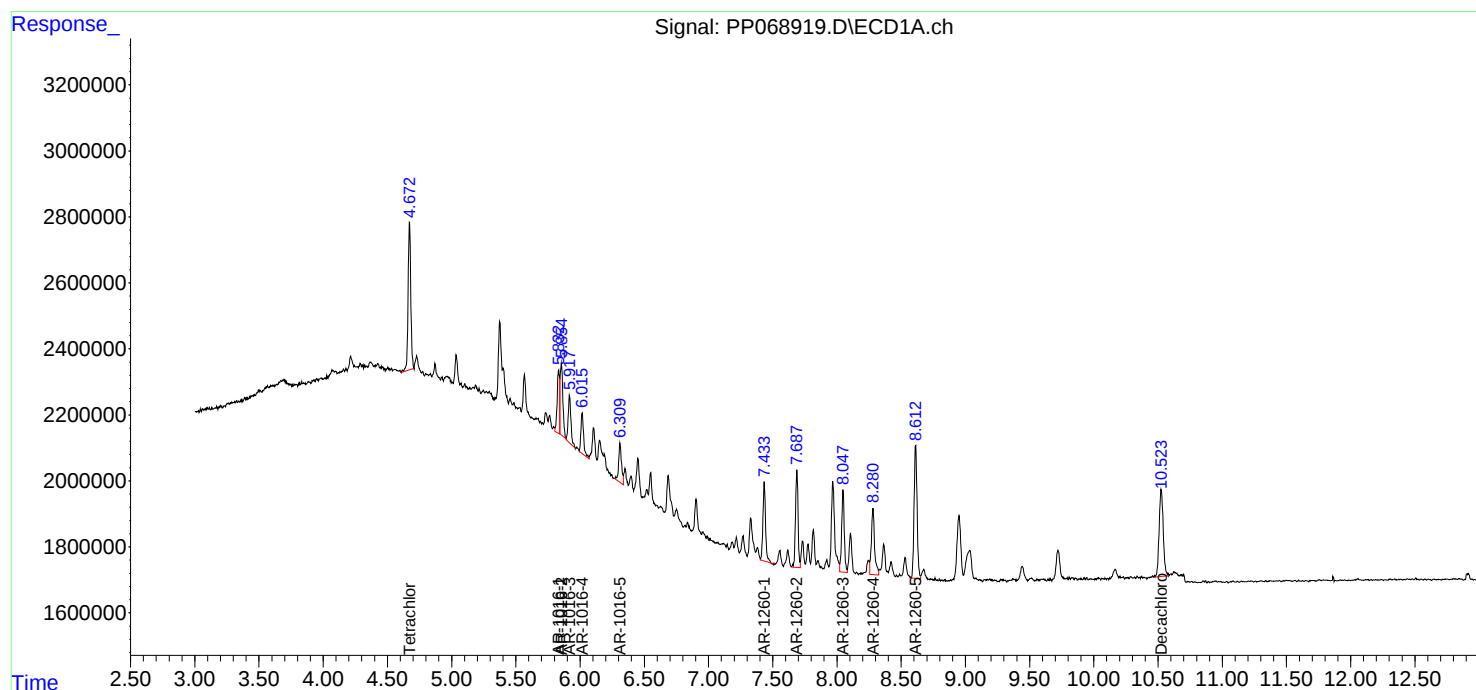
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 02:41:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 02:39:00 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\PP010625\
 Data File : PP068920.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jan 2025 21:19
 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: Jan 07 03:22:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 03:22:21 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...	4.672	3.983	75140981	52106220	50.000	50.000
2) SA Decachlor...	10.525	9.112	57933955	62437321	50.000	50.000
Target Compounds						
8) L2 AR-1221-1	4.873	4.197	8892583	6745743	500.000	500.000
9) L2 AR-1221-2	4.960	4.285	6435961	5189108	500.000	500.000
10) L2 AR-1221-3	5.036	4.362	19383914	15524592	500.000	500.000

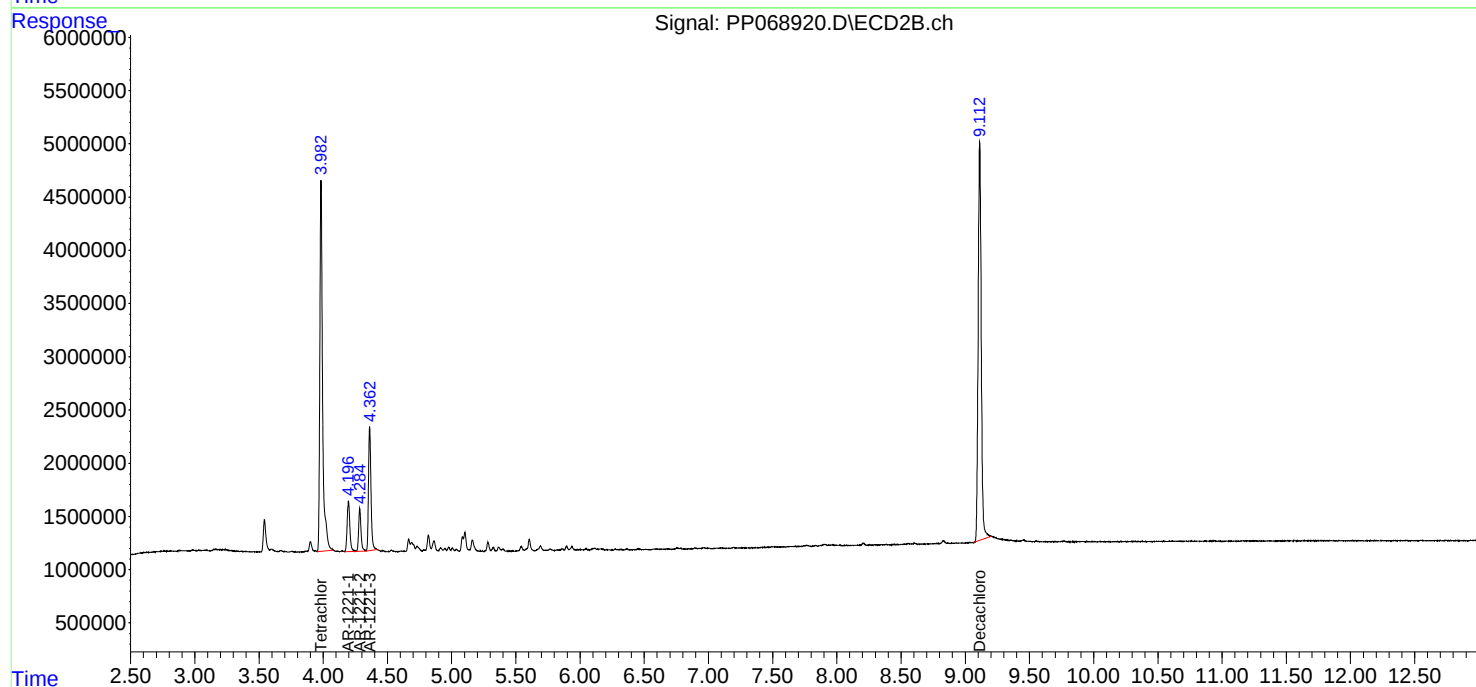
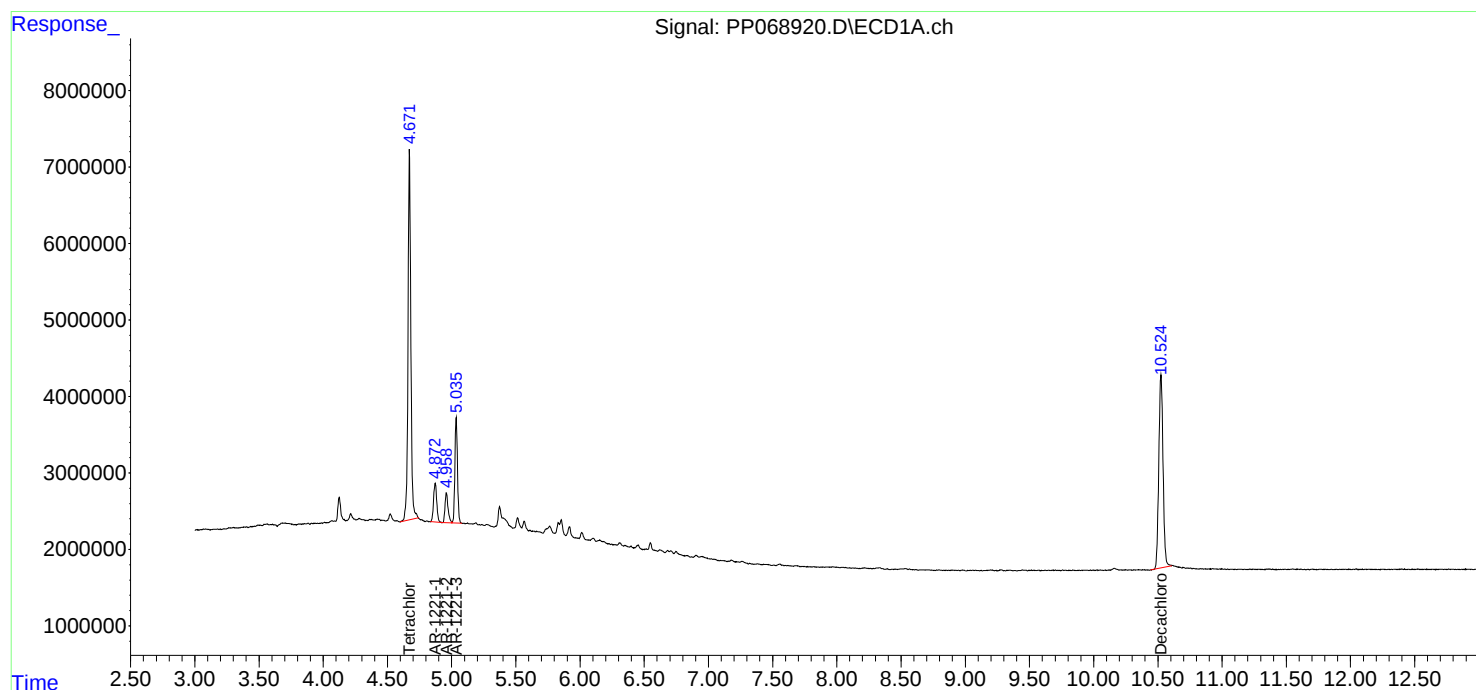
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068920.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 21:19
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: Jan 07 03:22:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 03:22:21 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\PP010625\
 Data File : PP068921.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jan 2025 21:35
 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: Jan 07 03:21:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 03:20:42 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...	4.673	3.982	71729141	49915828	50.000	50.000
2) SA Decachlor...	10.523	9.112	55413073	57538612	50.000	50.000
Target Compounds						
11) L3 AR-1232-1	5.037	4.362	14841168	12315360	500.000	500.000
12) L3 AR-1232-2	5.567	5.104	8404612	11959335	500.000	500.000
13) L3 AR-1232-3	5.855	5.283	15668569	6280083	500.000	500.000
14) L3 AR-1232-4	6.017	5.367	7821612	5995978	500.000	500.000
15) L3 AR-1232-5	6.107	5.542	6022471	6418092	500.000	500.000

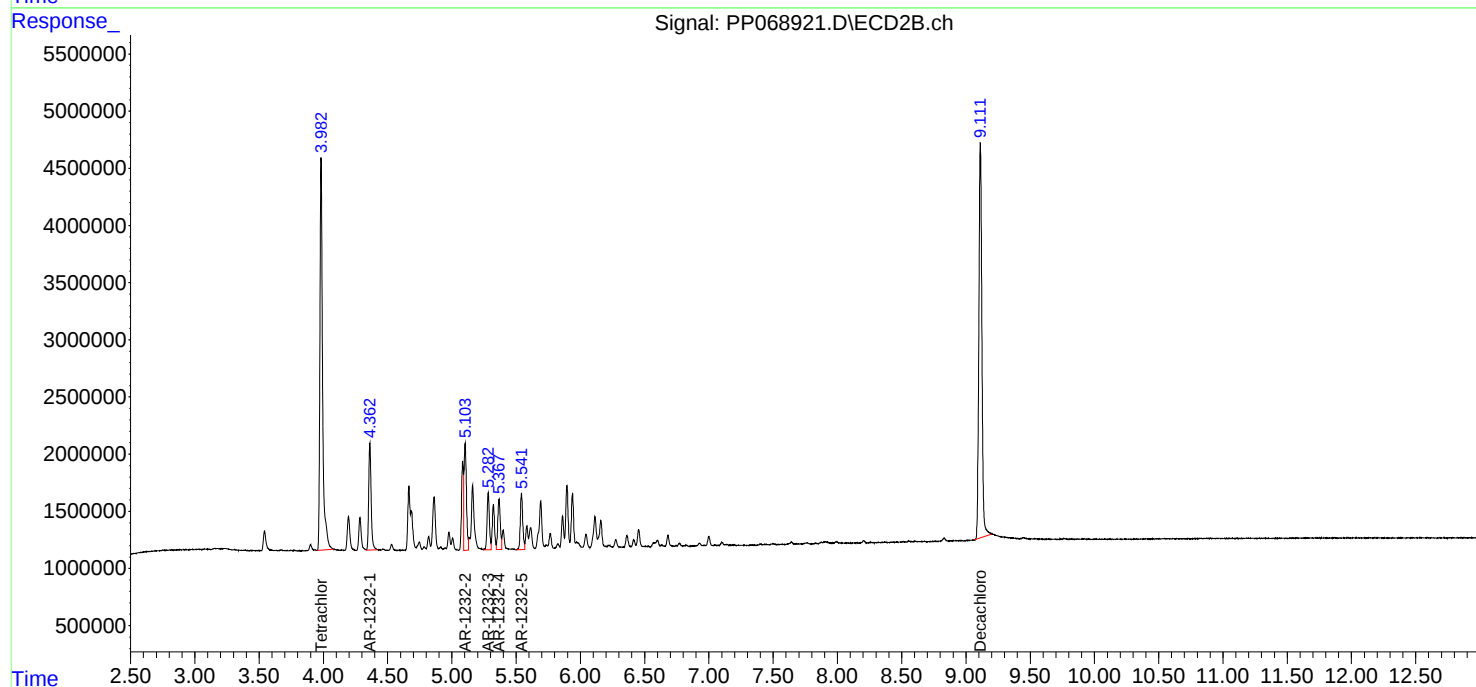
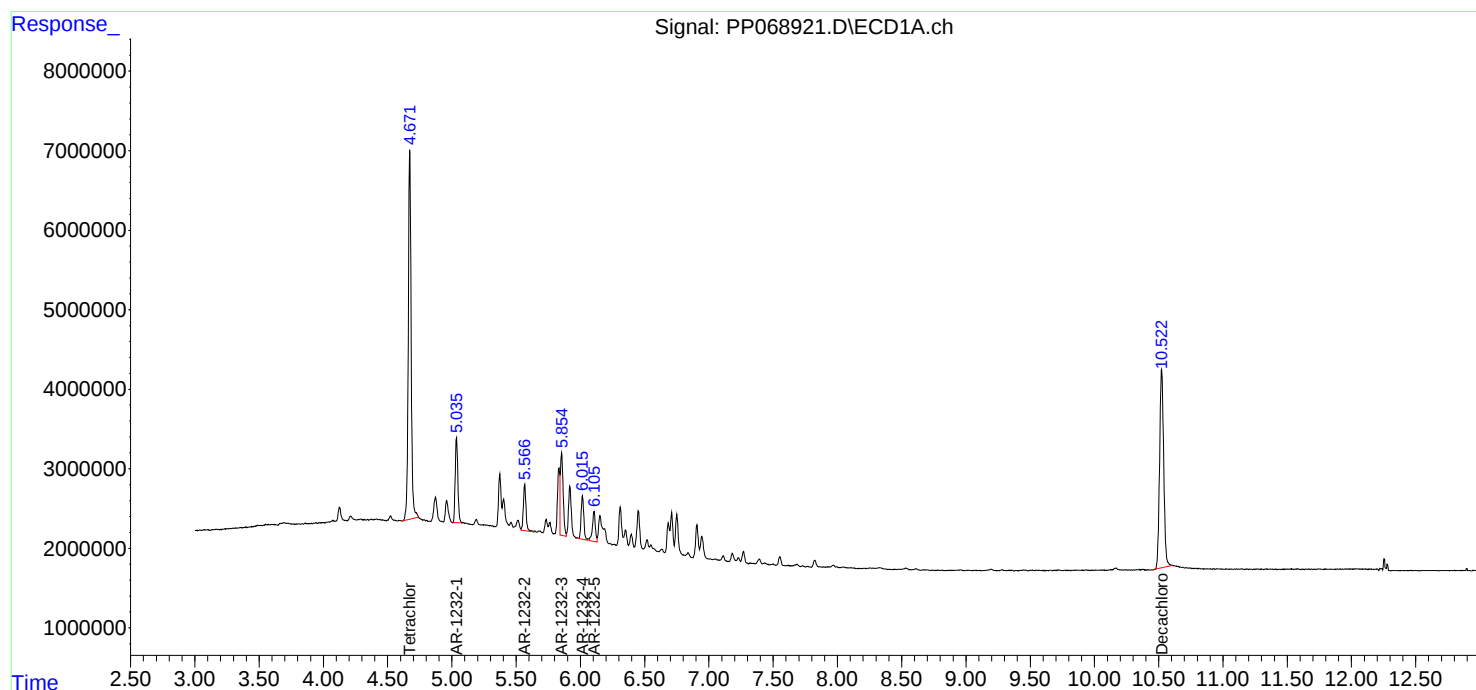
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068921.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 21:35
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: Jan 07 03:21:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 03:20:42 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\PP010625\
 Data File : PP068922.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jan 2025 21:51
 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: Jan 07 10:47:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 10:44:41 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...	4.672	3.984	139.5E6	95880912	97.437	96.931
2) SA Decachlor...	10.525	9.112	105.8E6	106.5E6	95.601	95.672
Target Compounds						
16) L4 AR-1242-1	5.833	5.086	34530888	25904769	948.692	936.440
17) L4 AR-1242-2	5.855	5.105	53812431	38827344	960.099	957.744
18) L4 AR-1242-3	5.918	5.285	33081940	21506578	963.133	956.004
19) L4 AR-1242-4	6.016	5.368	27124048	22209738	966.369	947.111
20) L4 AR-1242-5	6.750	5.897	28568682	26270830	951.829	945.796

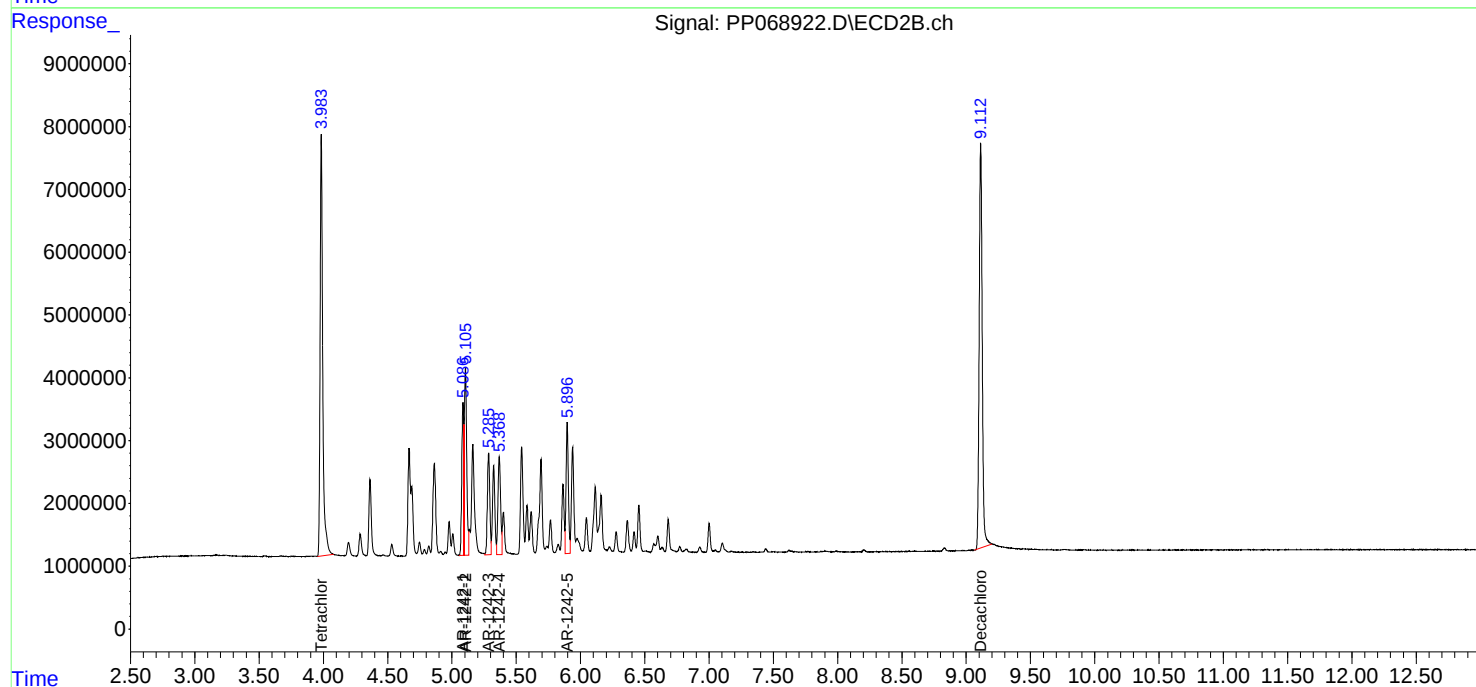
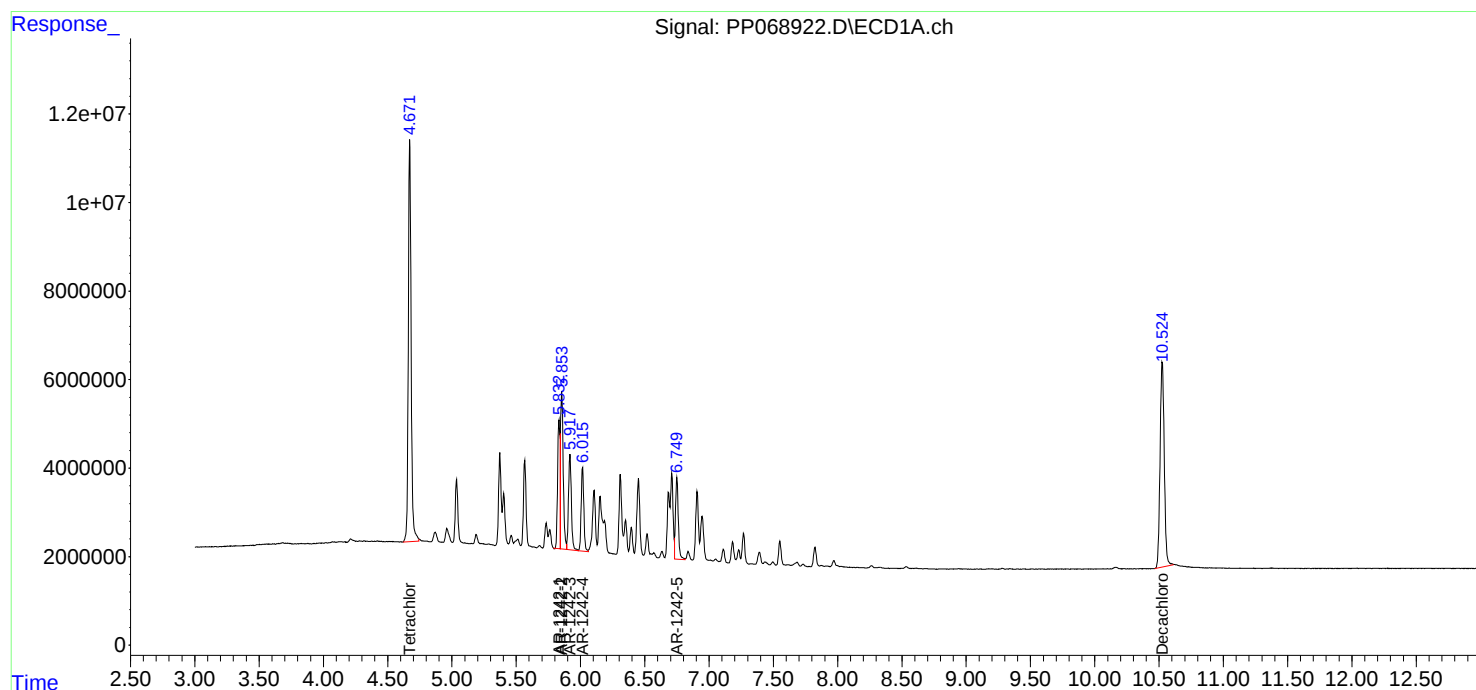
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068922.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 21:51
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: Jan 07 10:47:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 10:44:41 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\PP010625\
 Data File : PP068923.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jan 2025 22:07
 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: Jan 07 10:51:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 10:50:59 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...	4.673	3.983	108.6E6	75653909	75.564	75.982
2) SA Decachlor...	10.524	9.111	82230685	90098285	74.541	78.833
Target Compounds						
16) L4 AR-1242-1	5.834	5.084	26876876	20770009	742.232	750.548
17) L4 AR-1242-2	5.856	5.104	42773155	30485606	758.710	751.319
18) L4 AR-1242-3	5.919	5.283	25976477	17002647	754.167	753.854
19) L4 AR-1242-4	6.017	5.367	21415620	17619737	758.611	750.916
20) L4 AR-1242-5	6.751	5.896	22699409	21121556	754.176	756.910

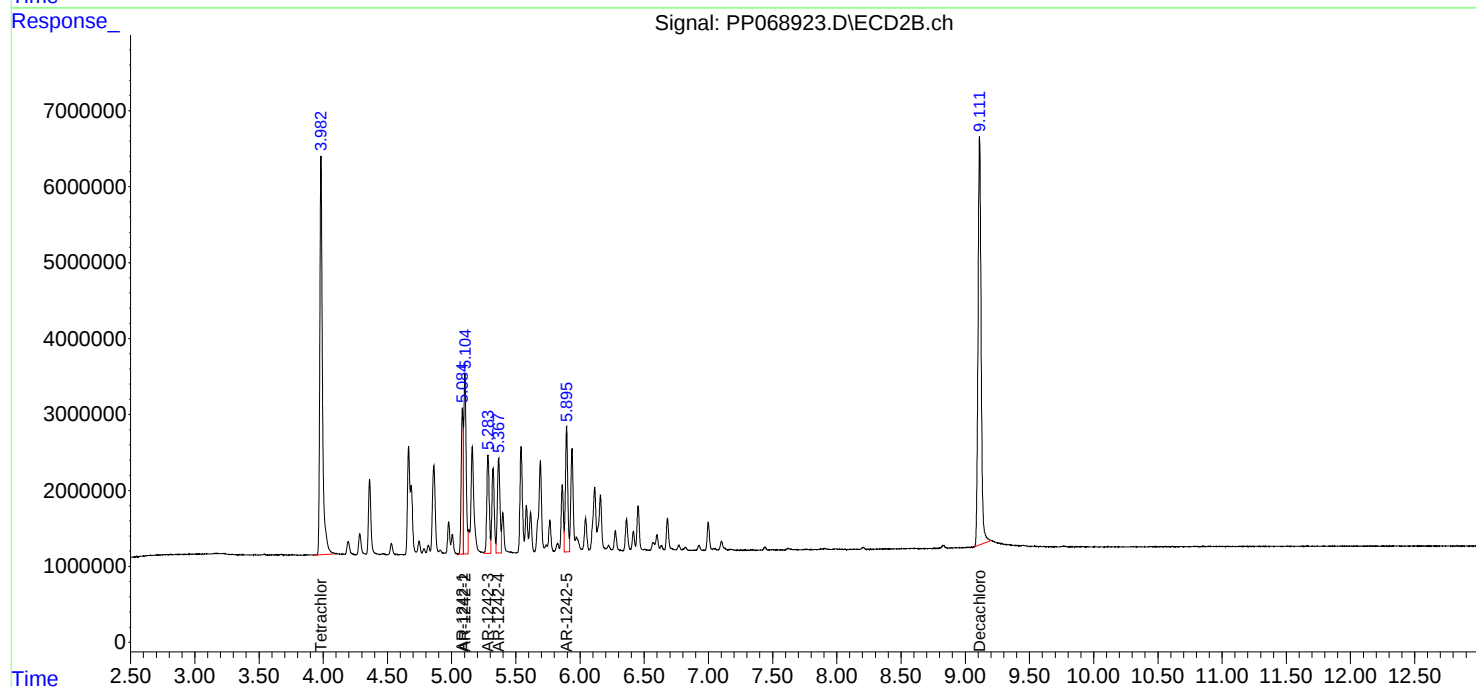
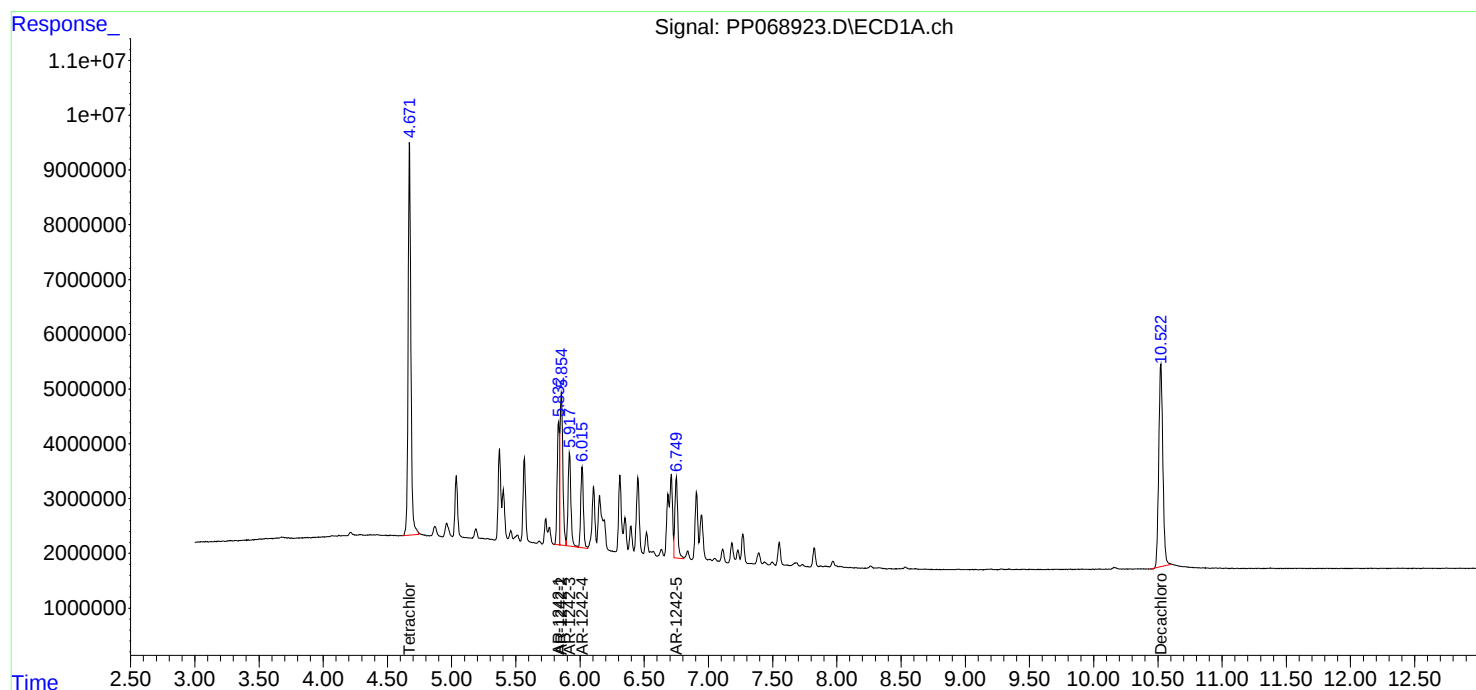
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068923.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 22:07
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: Jan 07 10:51:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 10:50:59 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\PP010625\
 Data File : PP068924.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jan 2025 22:24
 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: Jan 07 10:45:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 10:44:41 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...	4.673	3.983	73398222	50976357	50.000	50.000
2) SA Decachlor...	10.525	9.112	57760515	58094858	50.000	50.000
Target Compounds						
16) L4 AR-1242-1	5.834	5.084	19132993	14710650	500.000	500.000
17) L4 AR-1242-2	5.855	5.104	29142640	21126749	500.000	500.000
18) L4 AR-1242-3	5.919	5.284	17807278	11743047	500.000	500.000
19) L4 AR-1242-4	6.017	5.367	14505985	12345115	500.000	500.000
20) L4 AR-1242-5	6.751	5.896	15730164	14641014	500.000	500.000

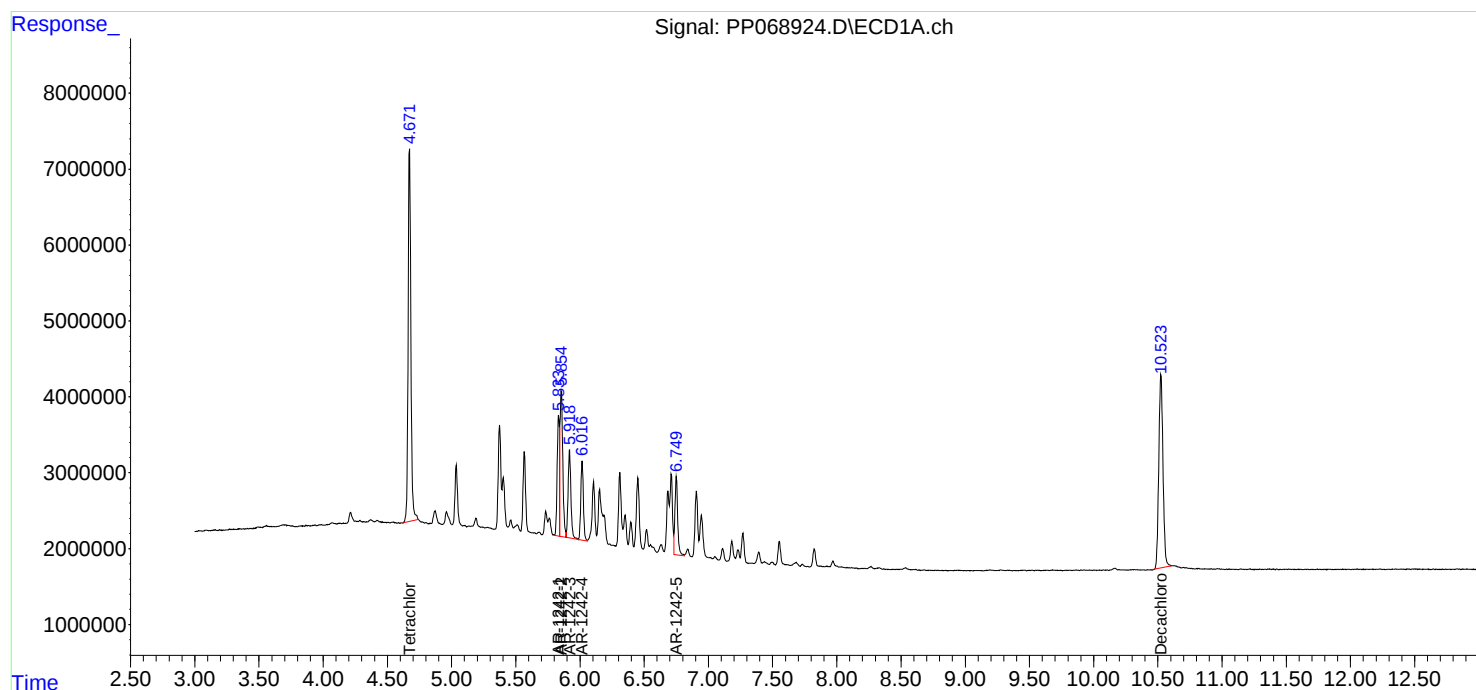
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068924.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 22:24
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: Jan 07 10:45:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 10:44:41 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\PP010625\
 Data File : PP068925.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jan 2025 22:40
 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: Jan 07 10:53:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 10:53:27 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...	4.673	3.983	38748606	26862031	26.450	26.455
2) SA Decachlor...	10.525	9.111	31164692	32201952	27.361	27.308
Target Compounds						
16) L4 AR-1242-1	5.835	5.085	9922002	7913679	267.582	276.041
17) L4 AR-1242-2	5.856	5.104	15178283	11391184	264.152	272.365
18) L4 AR-1242-3	5.920	5.284	9148480	6072135	261.524	264.145
19) L4 AR-1242-4	6.017	5.368	7633794	6421018	265.004	267.328
20) L4 AR-1242-5	6.752	5.896	8518390	7628950	273.973	267.142

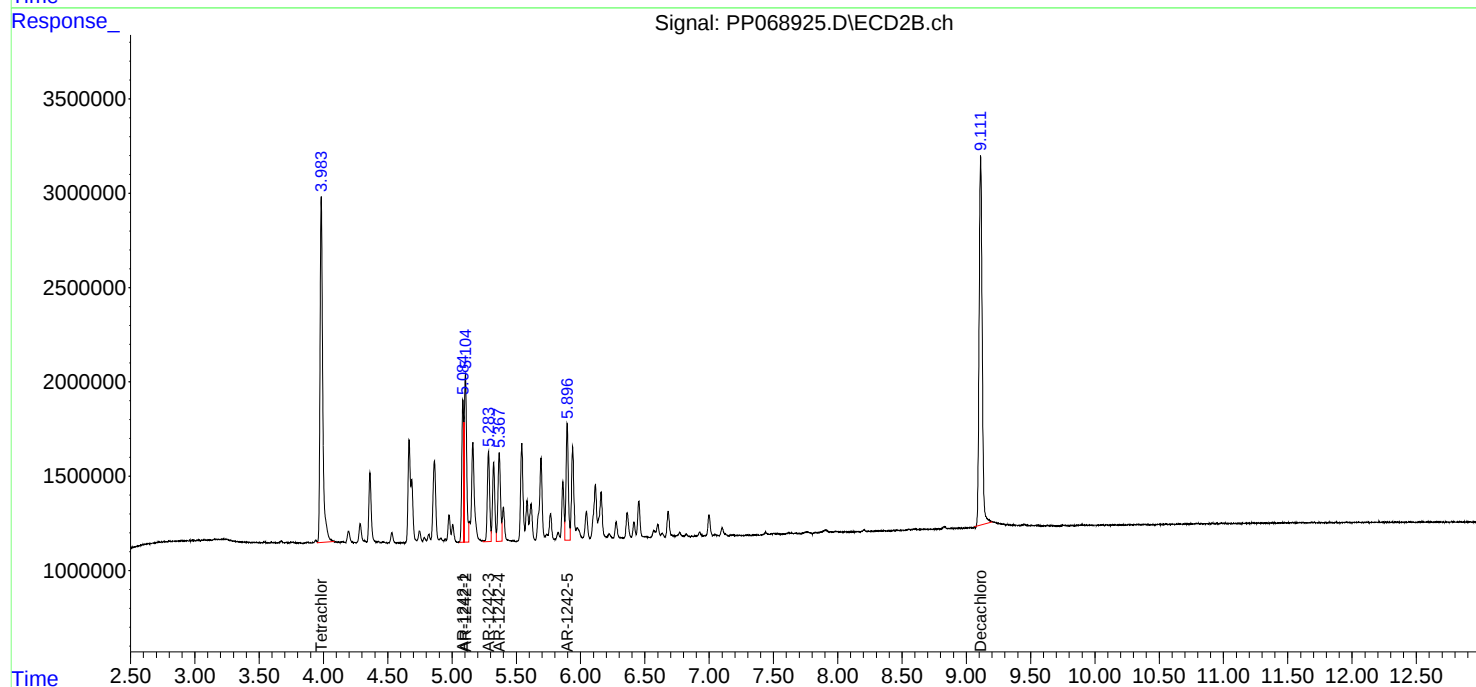
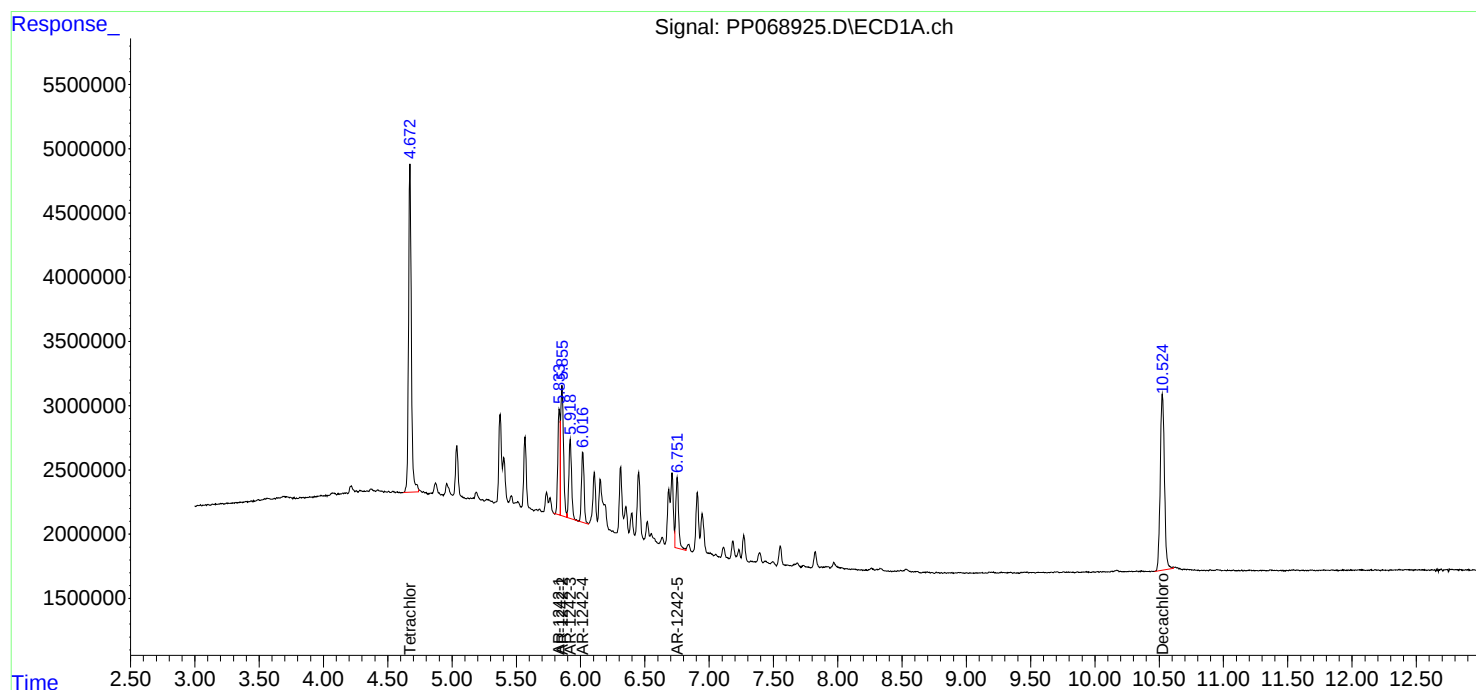
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068925.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 22:40
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: Jan 07 10:53:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 10:53:27 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\PP010625\
 Data File : PP068926.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jan 2025 22:56
 Operator : YP\AJ
 Sample : AR1242ICCO50
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICCO50

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 07 10:56:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 10:55:58 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...	4.672	3.982	6909178	4951295	4.770	4.901
2) SA Decachlor...	10.525	9.111	5991083	6845788	5.206	5.624
Target Compounds						
16) L4 AR-1242-1	5.835	5.085	1849348	1603069	49.899	54.624
17) L4 AR-1242-2	5.855	5.104	2849517	2160945	49.672	51.326
18) L4 AR-1242-3	5.920	5.284	1604936	1219235	46.648	52.401
19) L4 AR-1242-4	6.017	5.368	1427691	1288302	49.649	52.867
20) L4 AR-1242-5	6.750	5.896	1627421	1546847	51.856	53.278

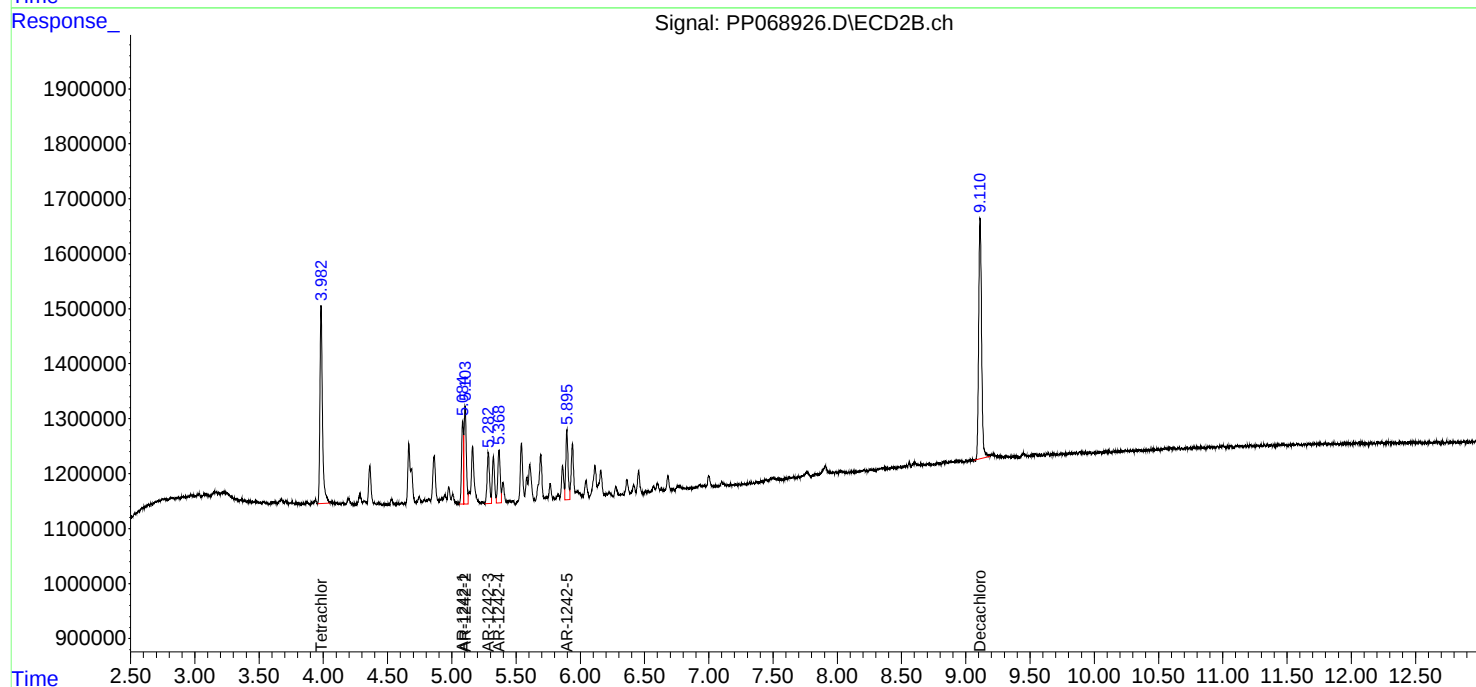
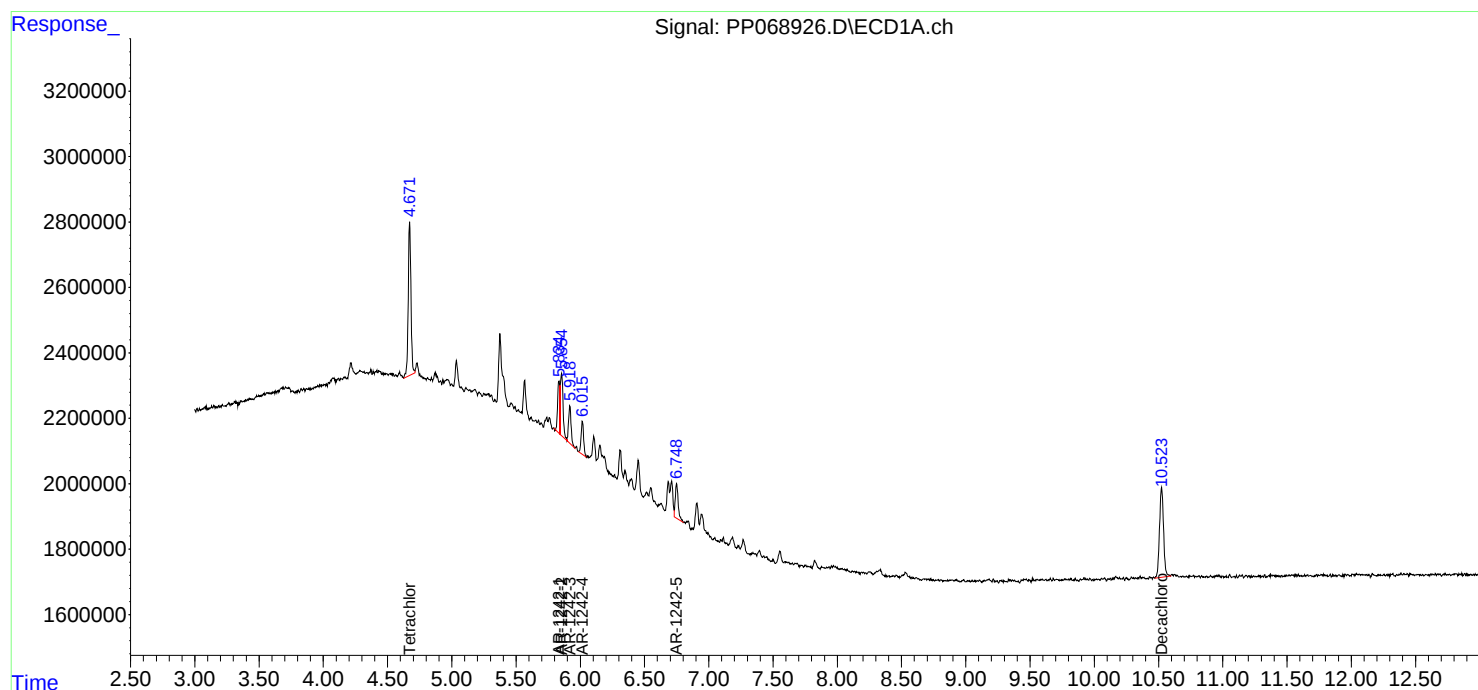
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068926.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 22:56
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 10:56:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 10:55:58 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\PP010625\
 Data File : PP068927.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jan 2025 23:12
 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: Jan 07 04:00:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 03:59:19 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...	4.671	3.984	136.1E6	94102969	92.151	92.223
2) SA Decachlor...	10.522	9.113	106.7E6	109.4E6	91.483	88.098
Target Compounds						
21) L5 AR-1248-1	5.832	5.086	26695957	20093138	916.974	851.461
22) L5 AR-1248-2	6.104	5.325	39758611	29632170	904.299	858.691
23) L5 AR-1248-3	6.309	5.369	43369699	31007140	901.485	863.500
24) L5 AR-1248-4	6.709	5.543	48885695	36296413	893.157	869.183
25) L5 AR-1248-5	6.749	5.940	48278095	34689161	904.805	878.115

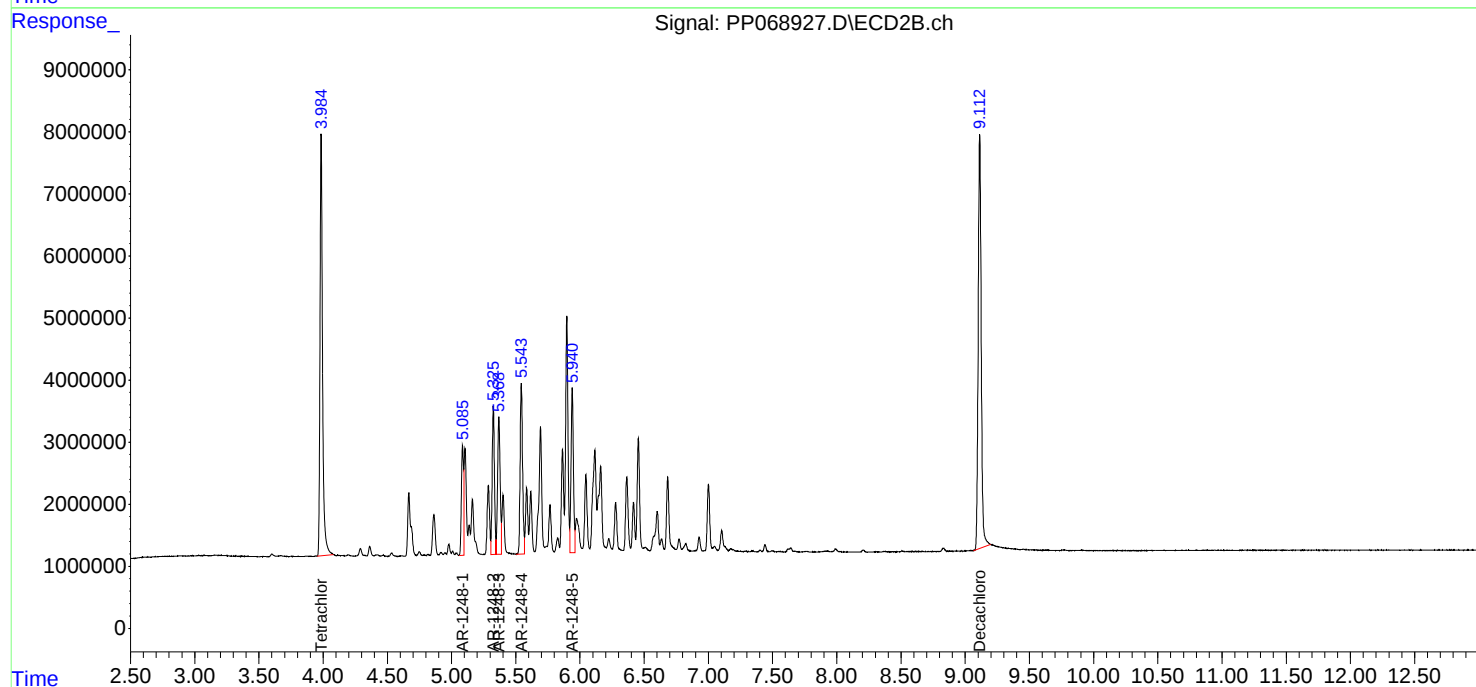
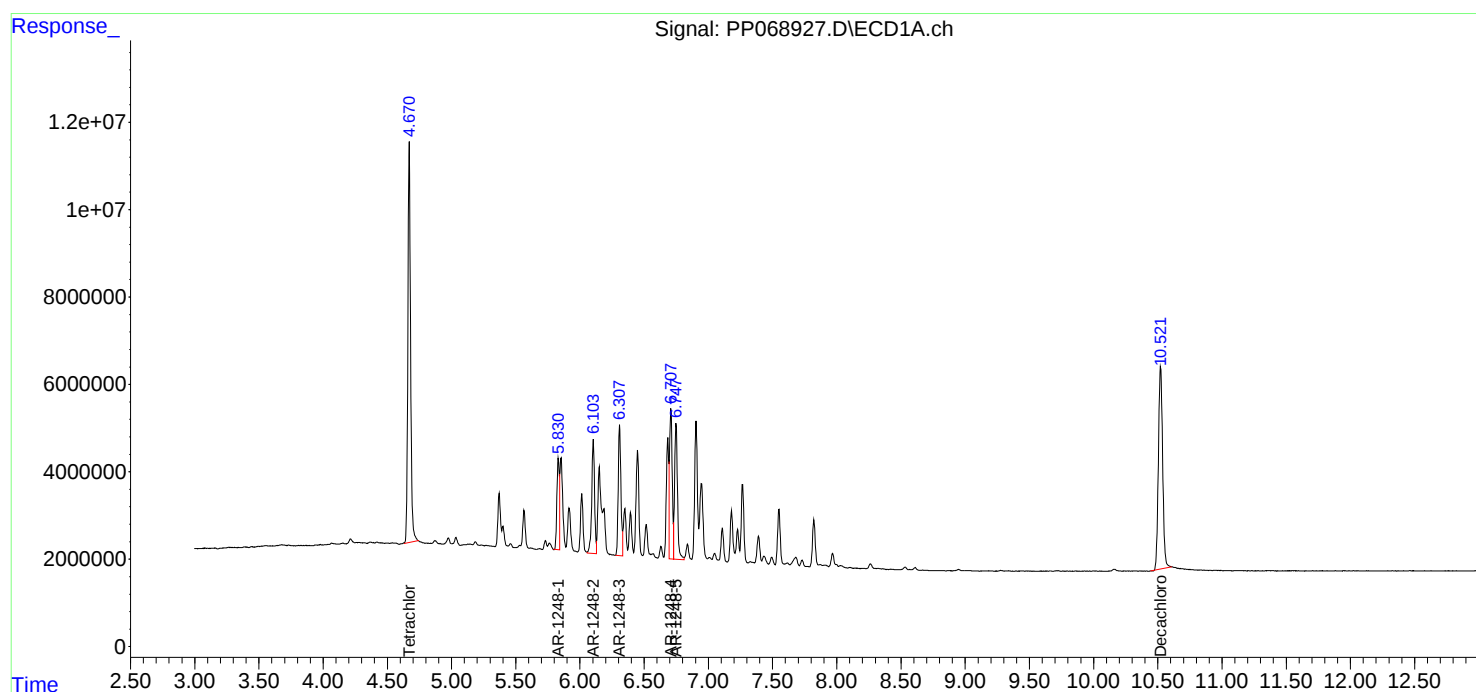
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068927.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 23:12
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: Jan 07 04:00:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 03:59:19 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\PP010625\
 Data File : PP068928.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jan 2025 23:29
 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: Jan 07 04:00:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 03:59:19 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...	4.673	3.983	107.1E6	73963258	72.488	72.486
2) SA Decachlor...	10.524	9.112	84288547	86373097	72.275	69.525
Target Compounds						
21) L5 AR-1248-1	5.833	5.084	21272953	16579006	730.700	702.547
22) L5 AR-1248-2	6.107	5.323	31226709	24399905	710.243	707.069
23) L5 AR-1248-3	6.311	5.367	34193001	25491349	710.738	709.894
24) L5 AR-1248-4	6.710	5.541	38542965	29630801	704.192	709.563
25) L5 AR-1248-5	6.750	5.939	37862096	28591473	709.593	723.759

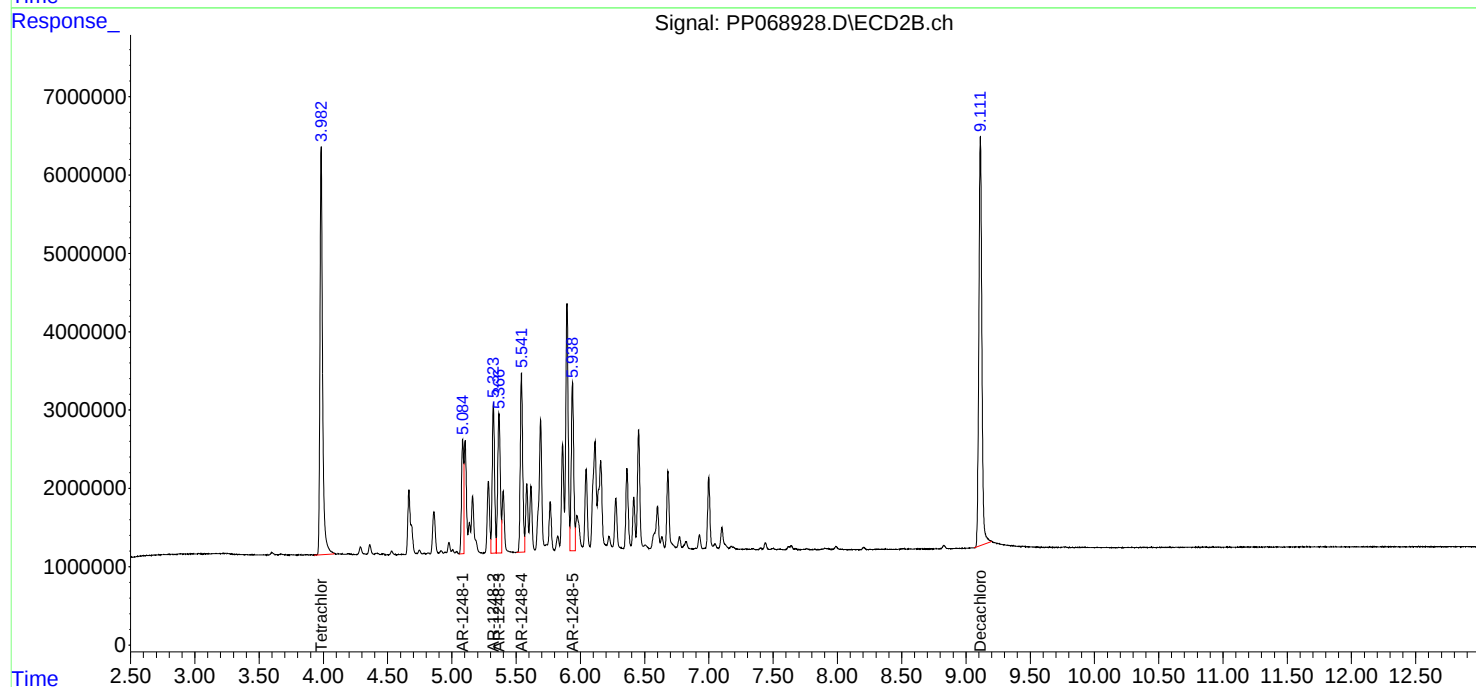
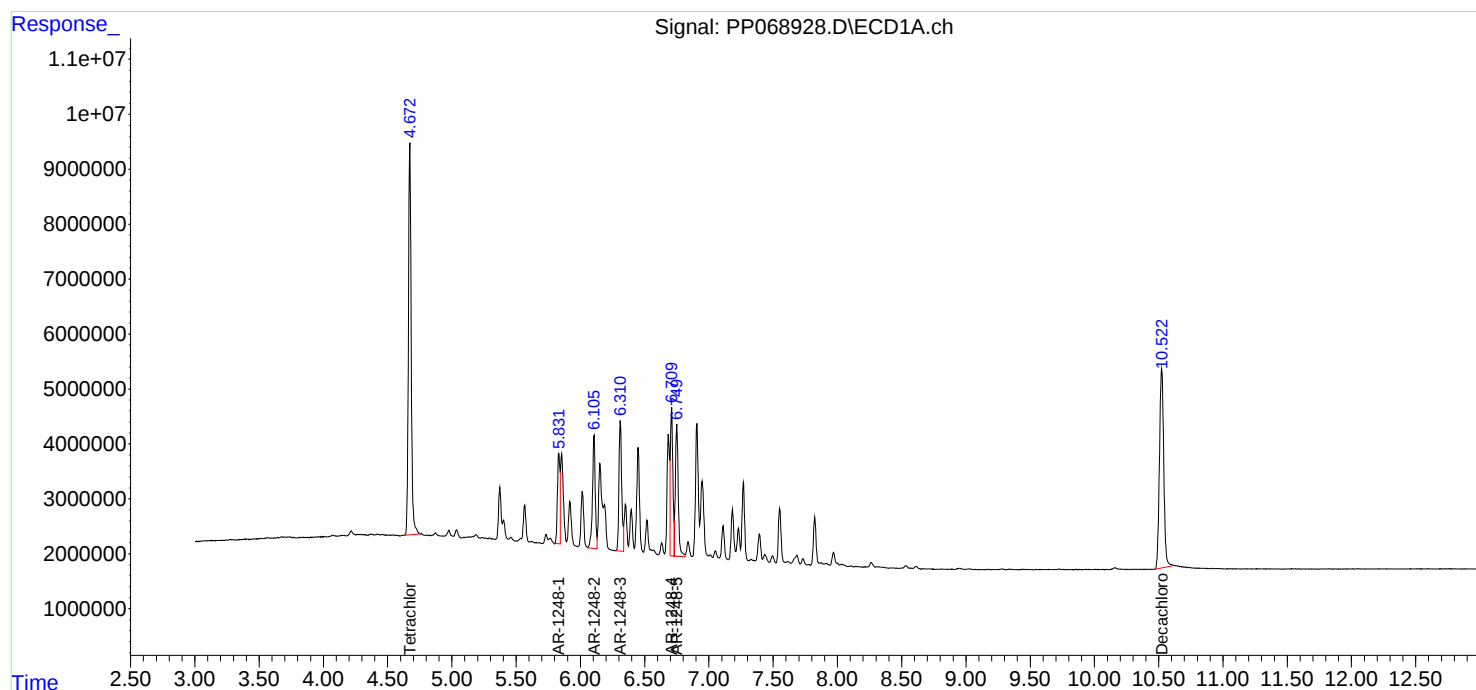
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068928.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 23:29
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: Jan 07 04:00:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 03:59:19 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\PP010625\
 Data File : PP068929.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jan 2025 23:45
 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: Jan 07 04:00:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 03:59:19 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...	4.674	3.983	73850741	51019098	50.000	50.000
2) SA Decachlor...	10.525	9.111	58311178	62116337	50.000	50.000
Target Compounds						
21) L5 AR-1248-1	5.835	5.085	14556558	11799212	500.000	500.000
22) L5 AR-1248-2	6.108	5.324	21983102	17254272	500.000	500.000
23) L5 AR-1248-3	6.312	5.367	24054580	17954344	500.000	500.000
24) L5 AR-1248-4	6.712	5.542	27366802	20879607	500.000	500.000
25) L5 AR-1248-5	6.752	5.939	26678741	19752066	500.000	500.000

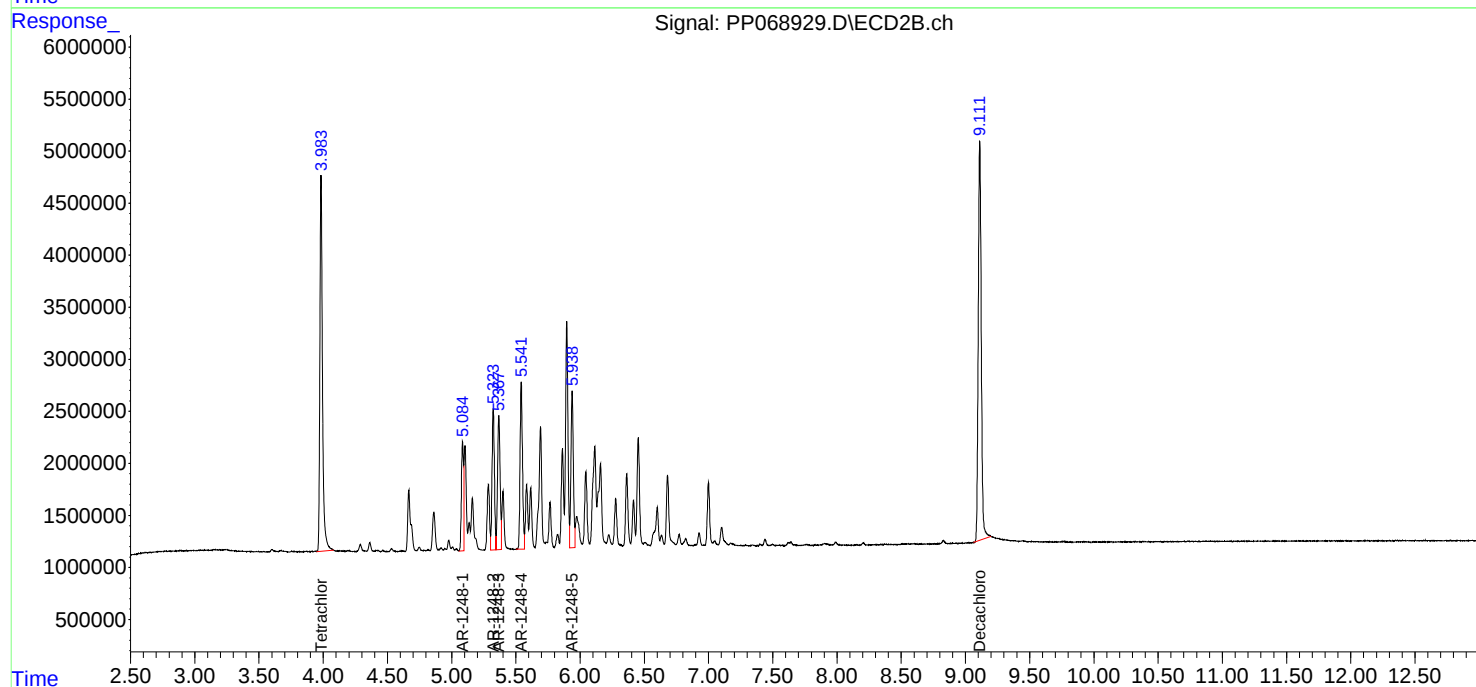
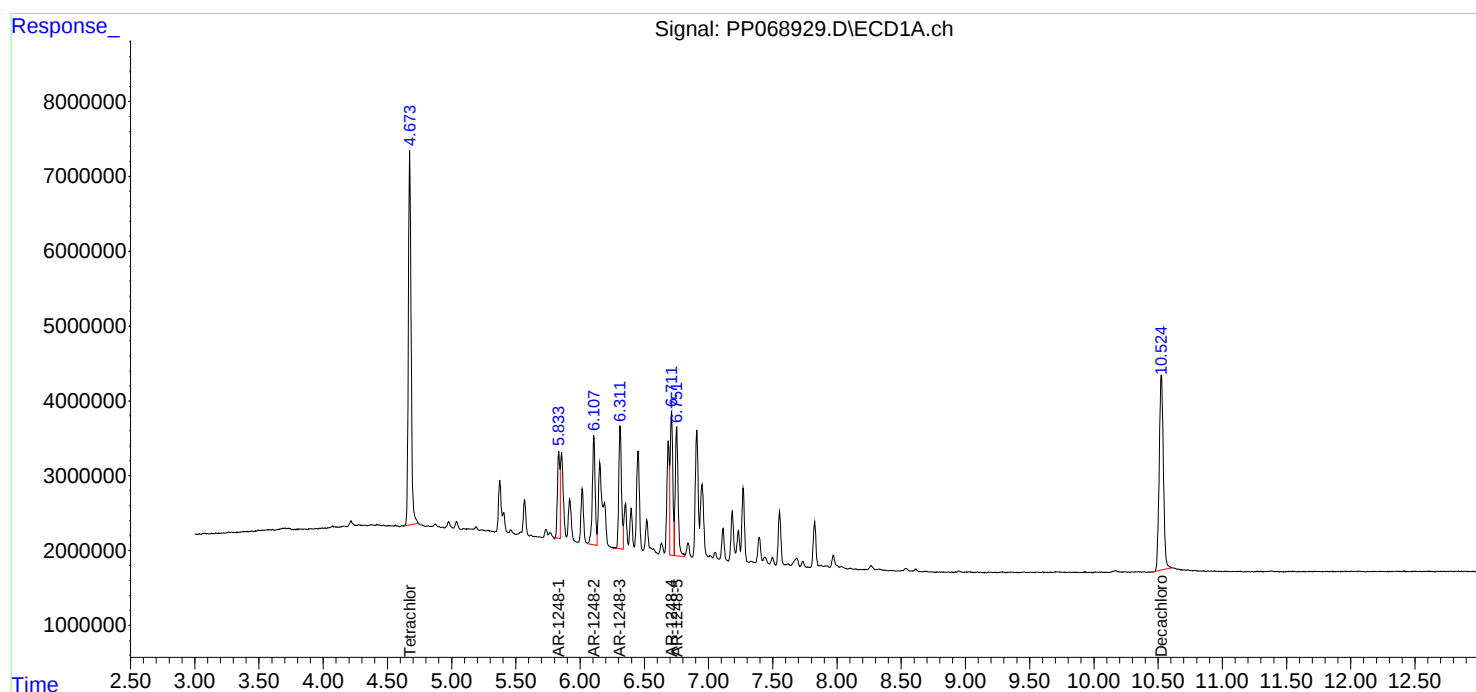
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068929.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 23:45
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: Jan 07 04:00:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 03:59:19 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\PP010625\
 Data File : PP068930.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jan 2025 00:01
 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: Jan 07 04:00:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 03:59:19 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...	4.673	3.984	38136682	26356965	25.820	25.830
2) SA Decachlor...	10.524	9.113	30642418	34018232	26.275	27.383
Target Compounds						
21) L5 AR-1248-1	5.833	5.086	7674068	6036514	263.595	255.802
22) L5 AR-1248-2	6.106	5.325	11453185	9209794	260.500	266.884
23) L5 AR-1248-3	6.310	5.368	12543902	9469421	260.738	263.708
24) L5 AR-1248-4	6.710	5.543	14318210	11121103	261.598	266.315
25) L5 AR-1248-5	6.750	5.940	13979591	10294675	261.999	260.597

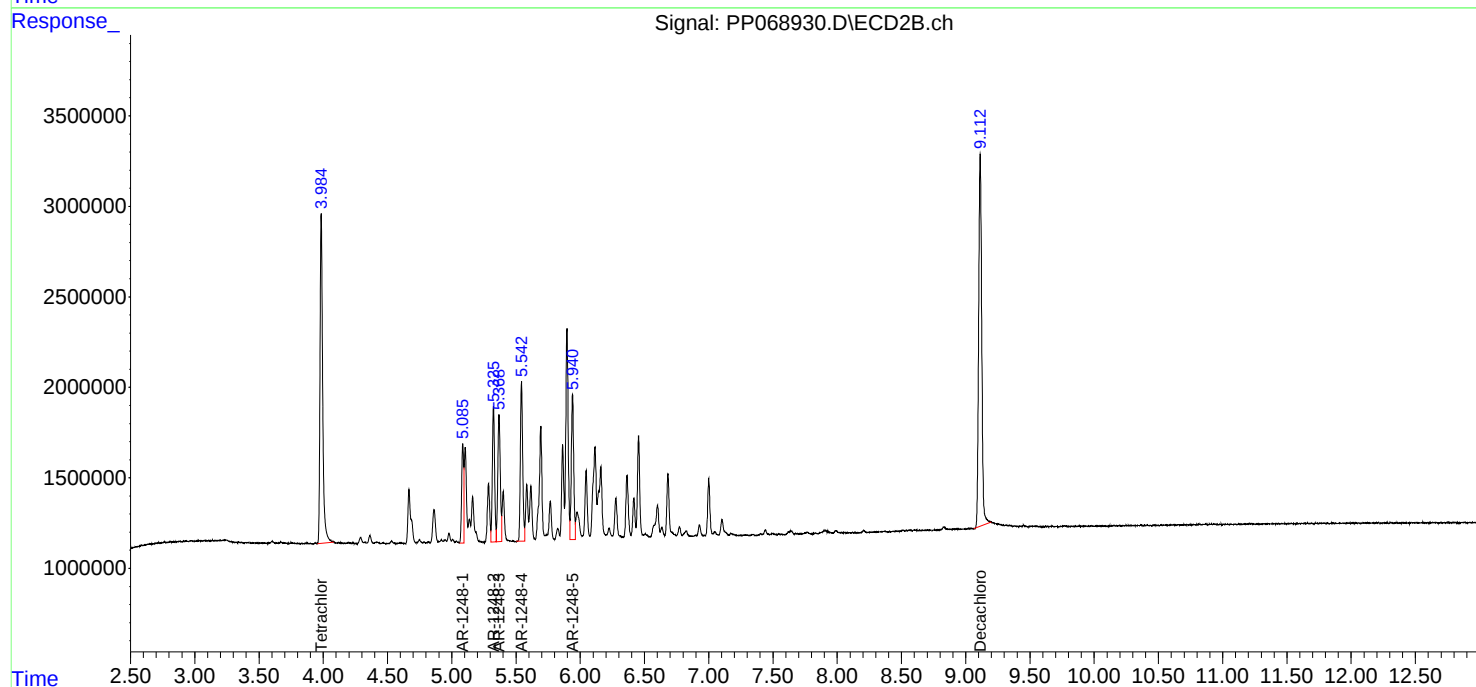
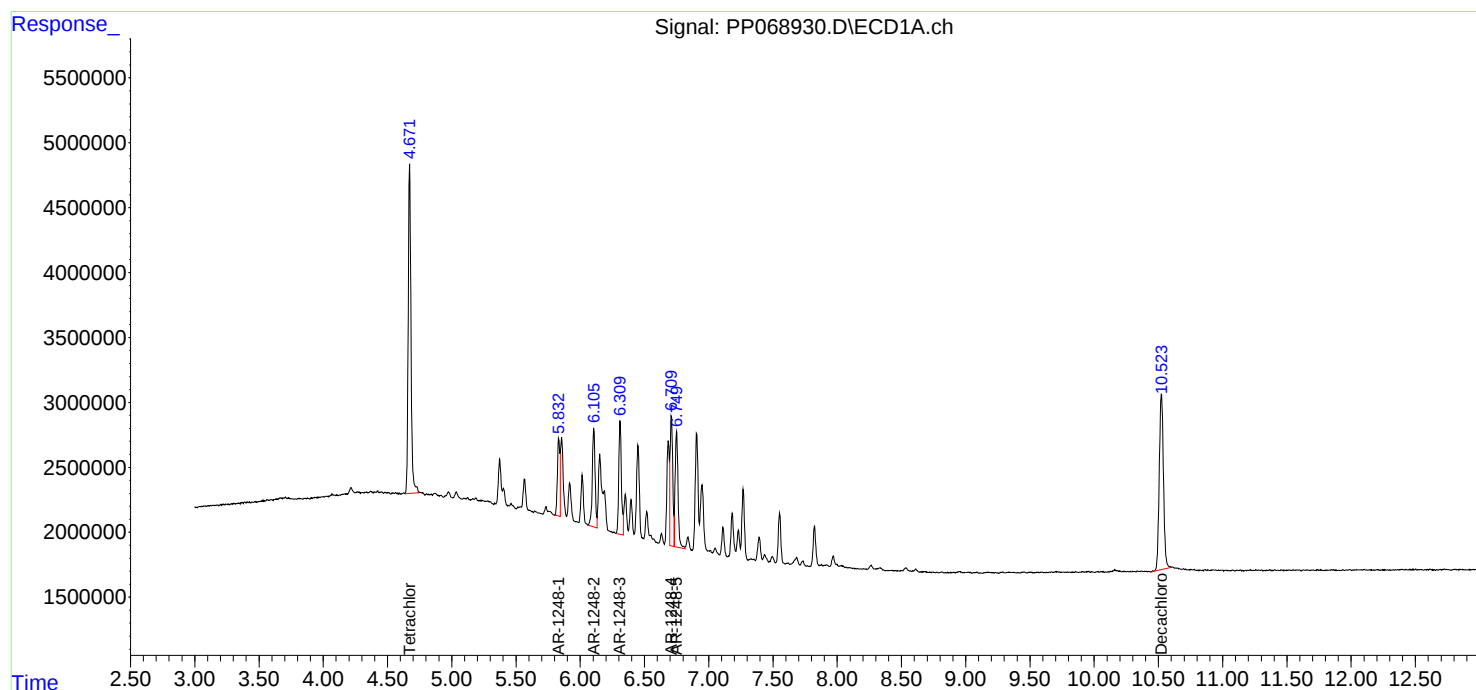
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068930.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 00:01
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: Jan 07 04:00:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 03:59:19 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\PP010625\
 Data File : PP068931.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jan 2025 00:17
 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: Jan 07 04:00:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 03:59:19 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...	4.675	3.983	6824361	4928217	4.620	4.830
2) SA Decachlor...	10.525	9.111	6046328	6466903	5.185	5.205
Target Compounds						
21) L5 AR-1248-1	5.835	5.085	1613448	1252641	55.420	53.082
22) L5 AR-1248-2	6.107	5.324	2221562	1859750	50.529	53.892
23) L5 AR-1248-3	6.313	5.367	2432119	1894116	50.554	52.748
24) L5 AR-1248-4	6.712	5.542	2811056	2188050	51.359	52.397
25) L5 AR-1248-5	6.752	5.939	2602479	1996853	48.774	50.548

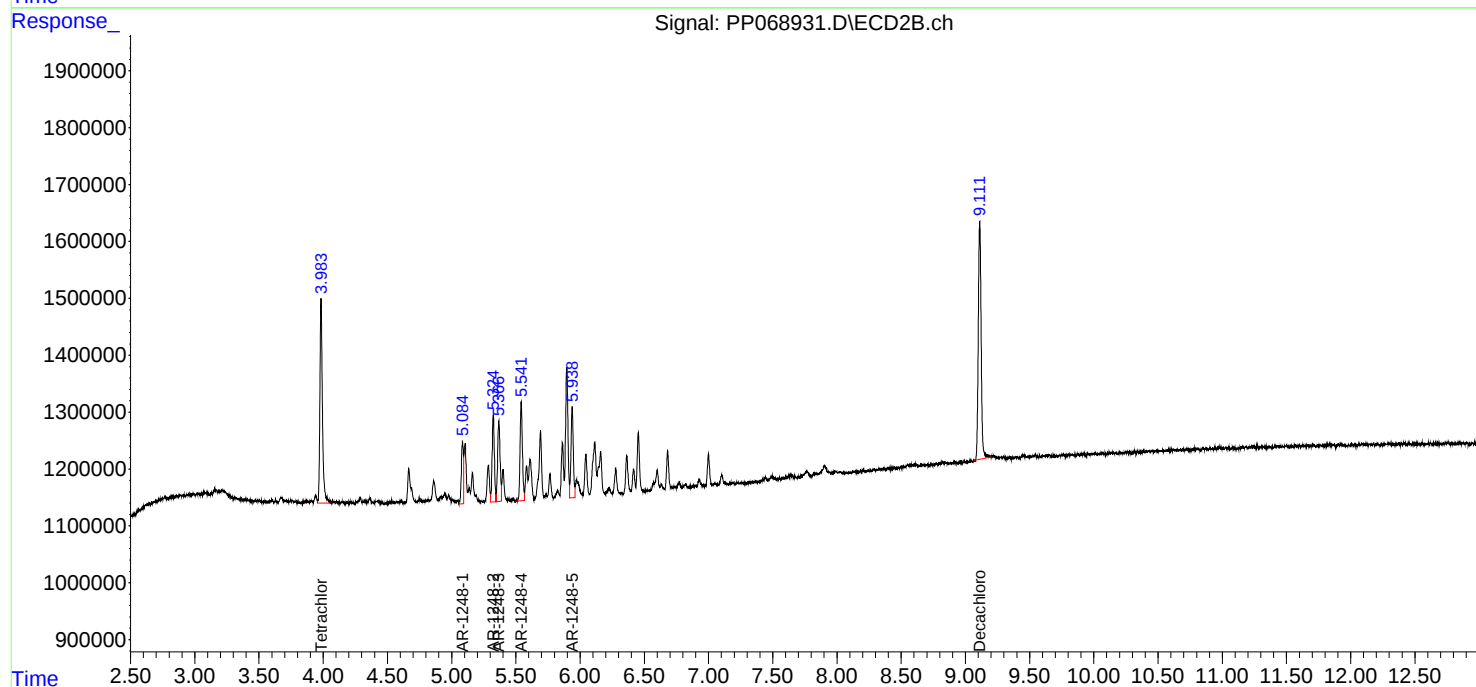
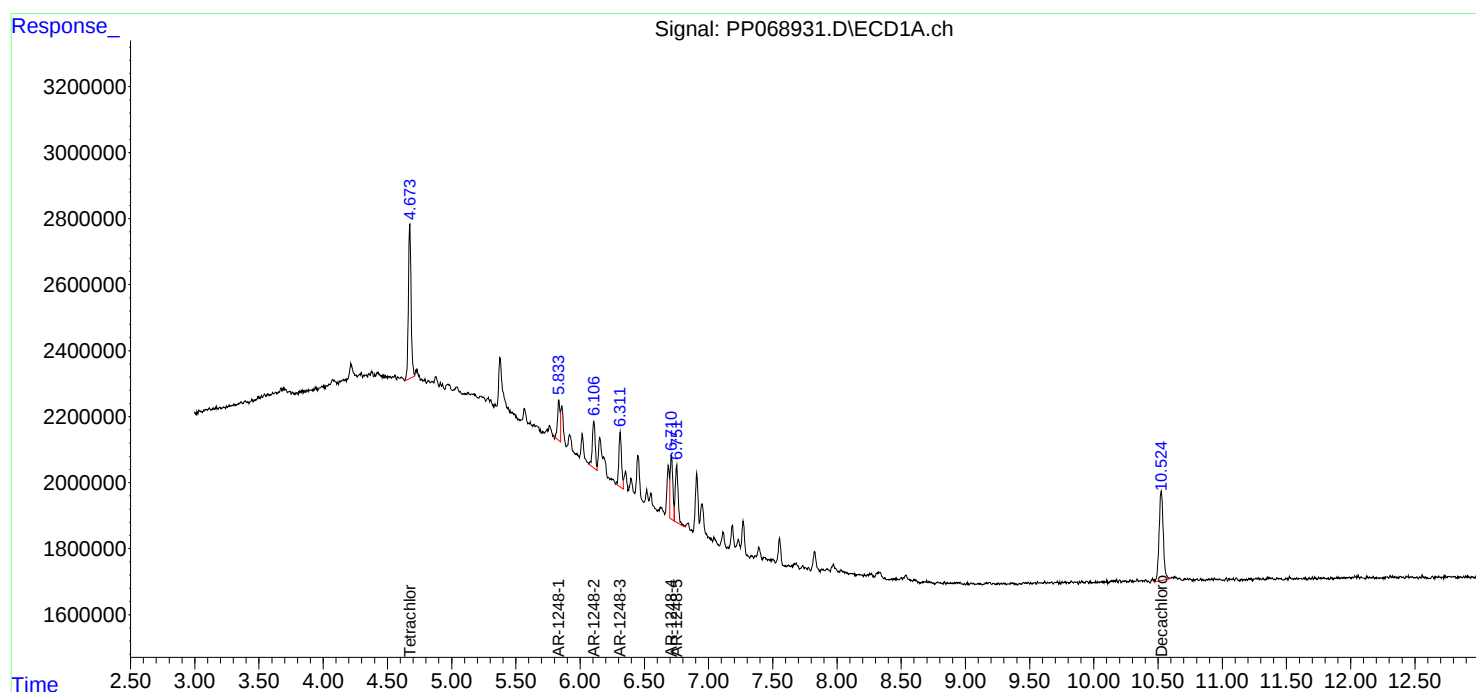
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068931.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 00:17
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: Jan 07 04:00:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 03:59:19 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\PP010625\
 Data File : PP068932.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jan 2025 00:34
 Operator : YP\AJ
 Sample : AR1254ICC1000
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC1000

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/07/2025
 Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 07 04:54:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 04:31:10 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...	4.673	3.983	136.6E6	101.0E6	93.314	95.568
2) SA Decachlor...	10.522	9.111	106.7E6	108.7E6	91.624	89.877
Target Compounds						
26) L6 AR-1254-1	6.686	5.898	49172649	54013826	946.144m	897.551
27) L6 AR-1254-2	6.905	6.045	74069643	47307501	903.115	887.343
28) L6 AR-1254-3	7.269	6.453	74567235	74830722	917.733	901.418
29) L6 AR-1254-4	7.552	6.682	56677692	41013798	922.013	905.924
30) L6 AR-1254-5	7.969	7.102	58716523	68187162	880.203m	898.577

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068932.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 00:34
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

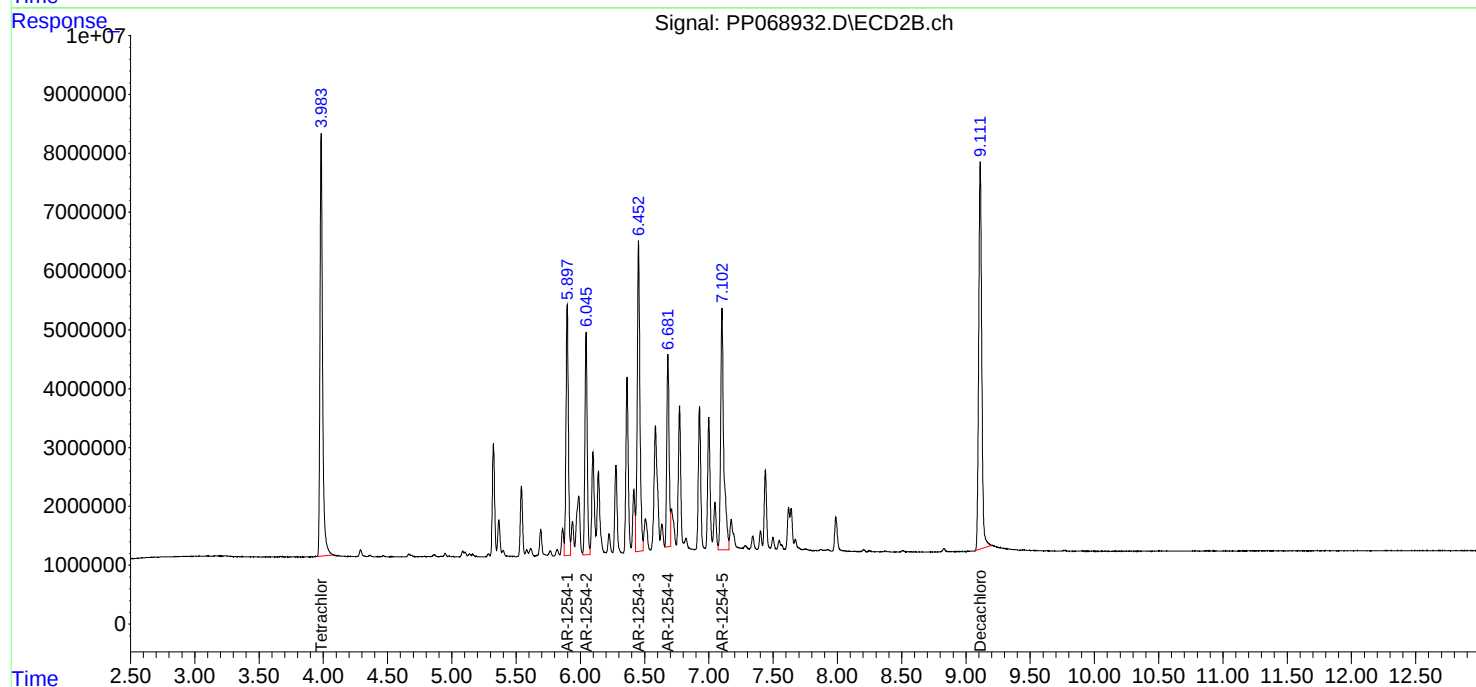
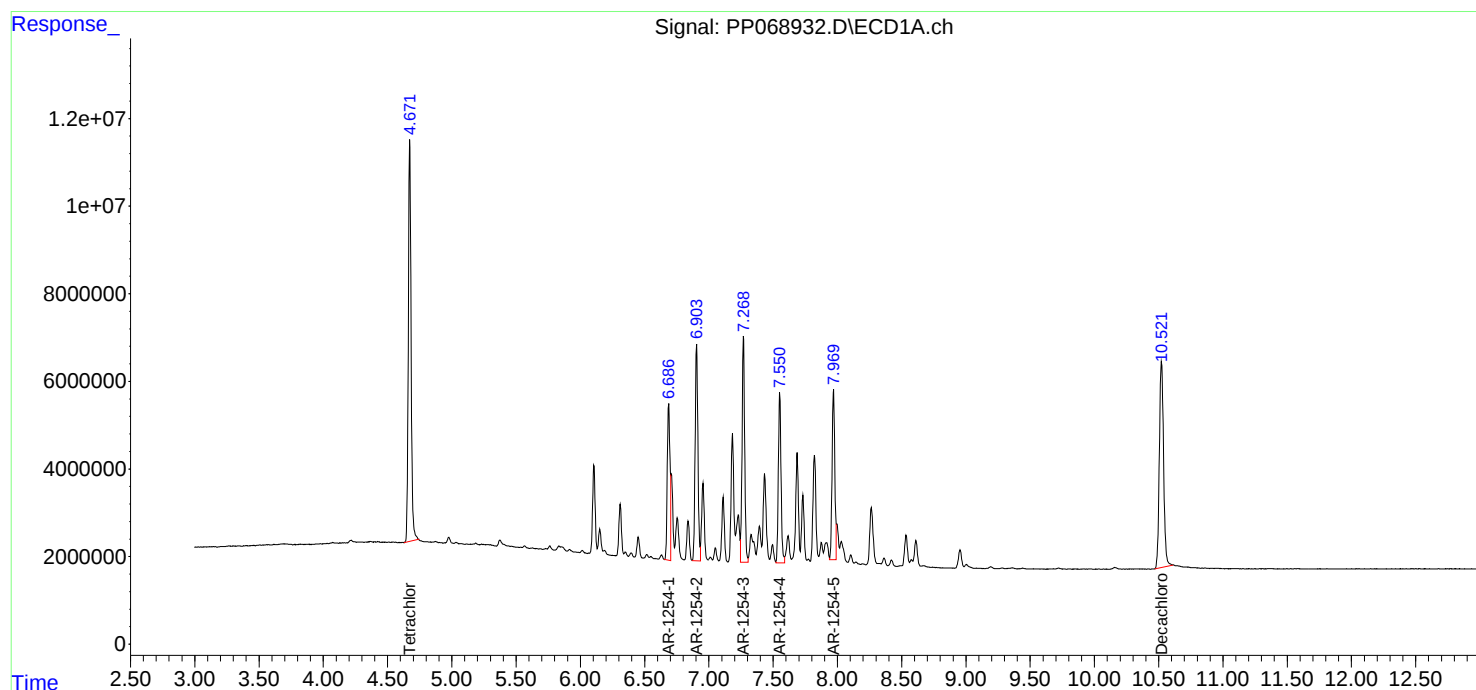
Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:54:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 04:31:10 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\PP010625\
 Data File : PP068933.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jan 2025 00:50
 Operator : YP\AJ
 Sample : AR1254ICC750
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC750

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/07/2025
 Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 07 04:54:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 04:31:10 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...	4.671	3.984	106.9E6	75278983	73.071	71.265
2) SA Decachlor...	10.523	9.112	82683461	83056199	71.012	68.668
Target Compounds						
26) L6 AR-1254-1	6.685	5.898	37150274	41511131	714.819m	689.793
27) L6 AR-1254-2	6.903	6.046	58377926	36681331	711.789	688.028
28) L6 AR-1254-3	7.267	6.454	58428208	56602418	719.103	681.838
29) L6 AR-1254-4	7.550	6.682	44143441	31095944	718.110	686.856
30) L6 AR-1254-5	7.967	7.104	47082426	52459322	705.800m	691.314

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068933.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 00:50
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

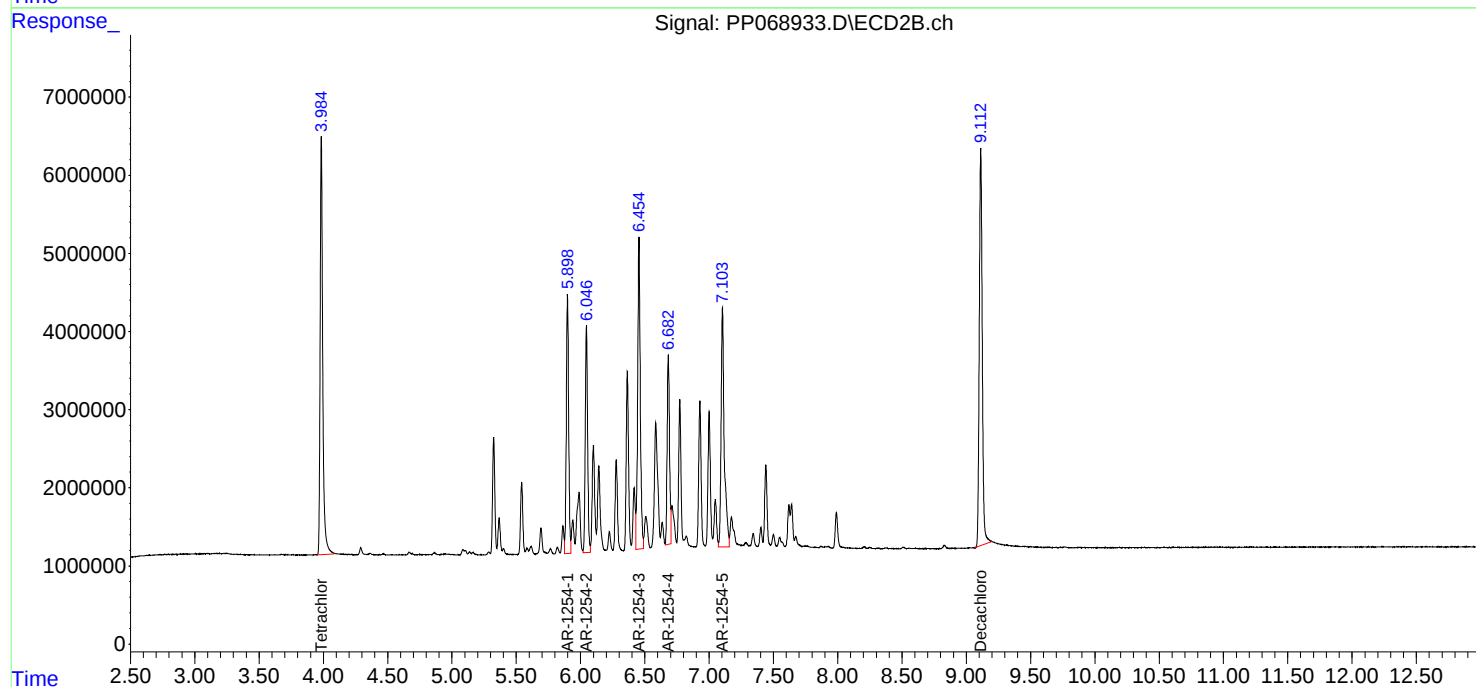
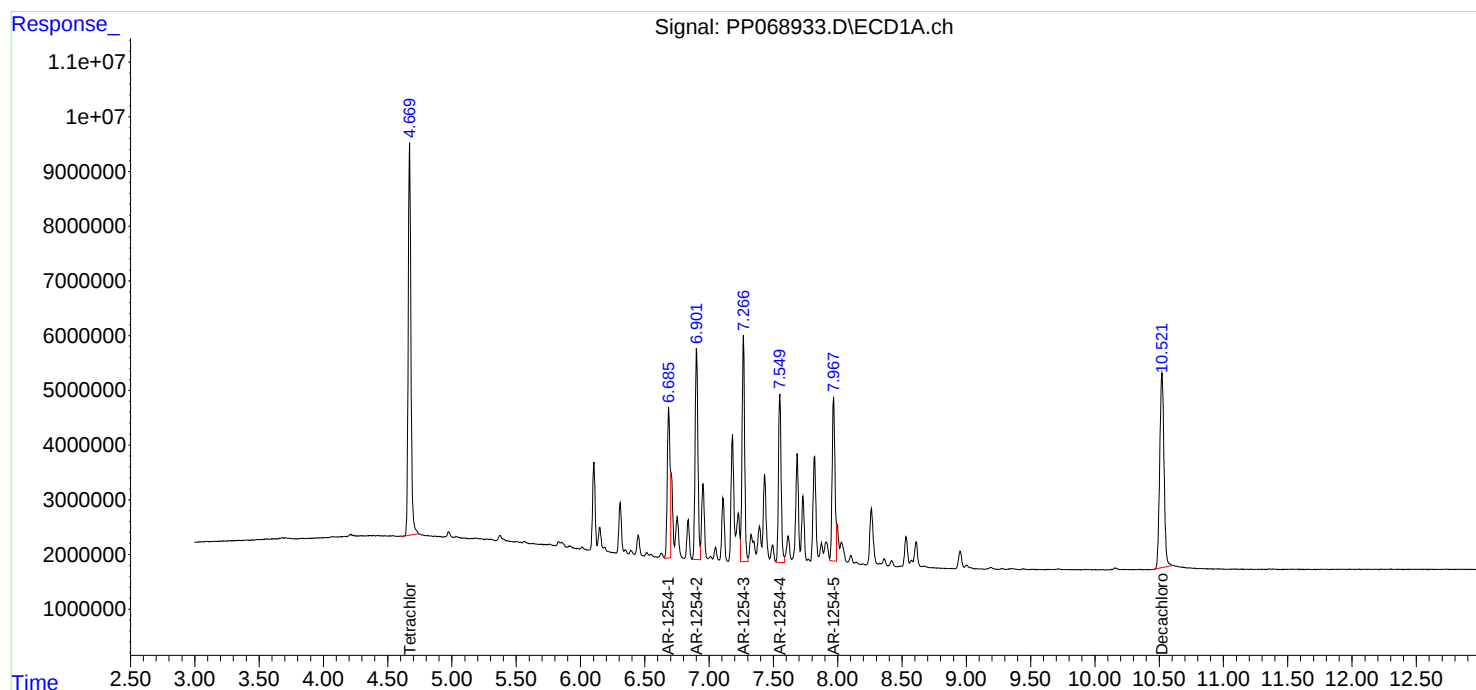
Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:54:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 04:31:10 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\PP010625\
 Data File : PP068934.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jan 2025 01:06
 Operator : YP\AJ
 Sample : AR1254ICC500
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC500

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/07/2025
 Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 07 04:54:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 04:31:10 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...	4.673	3.984	73181891	52816122	50.000	50.000
2) SA Decachlor...	10.524	9.112	58218143	60476974	50.000	50.000
Target Compounds						
26) L6 AR-1254-1	6.687	5.898	26805304	30089562	515.768m	500.000
27) L6 AR-1254-2	6.905	6.046	41007881	26656844	500.000	500.000
28) L6 AR-1254-3	7.270	6.454	40625772	41507230	500.000	500.000
29) L6 AR-1254-4	7.552	6.682	30735830	22636451	500.000	500.000
30) L6 AR-1254-5	7.969	7.103	33231048	37941762	498.158m	500.000

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068934.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 01:06
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

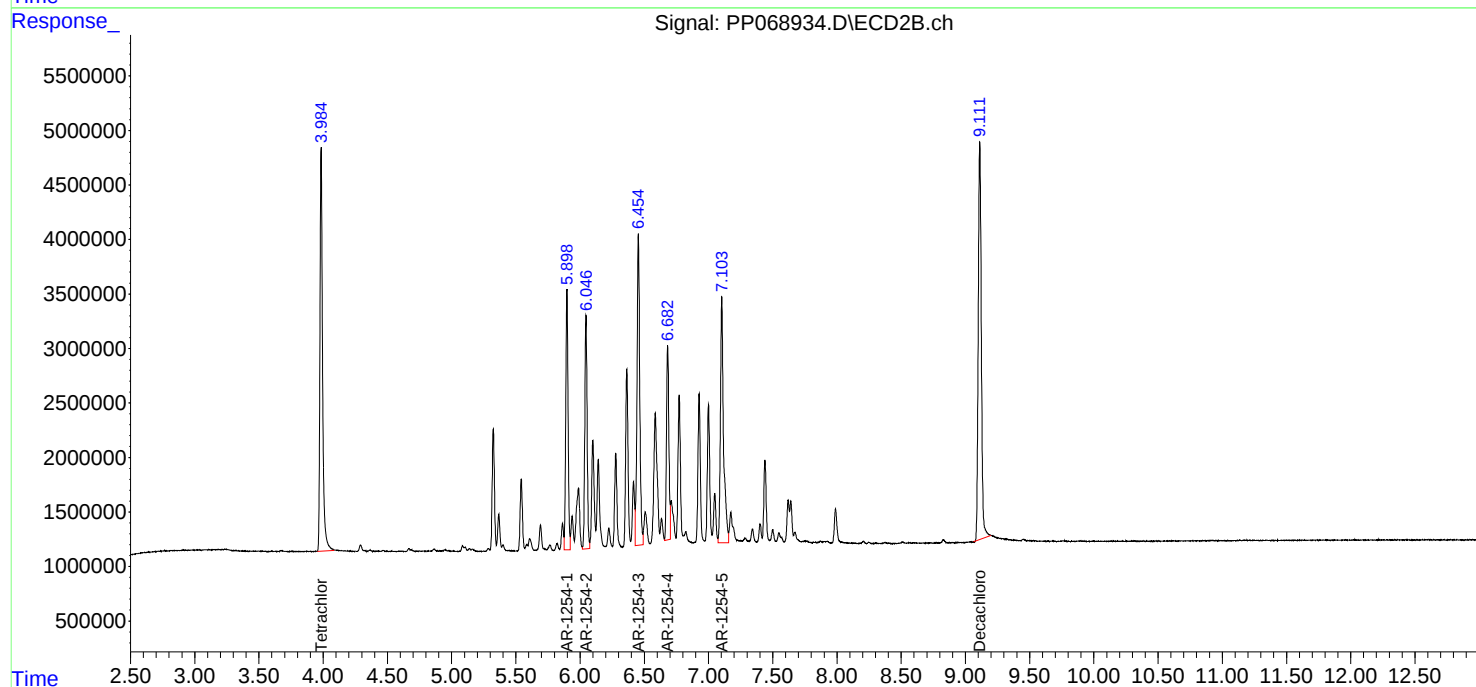
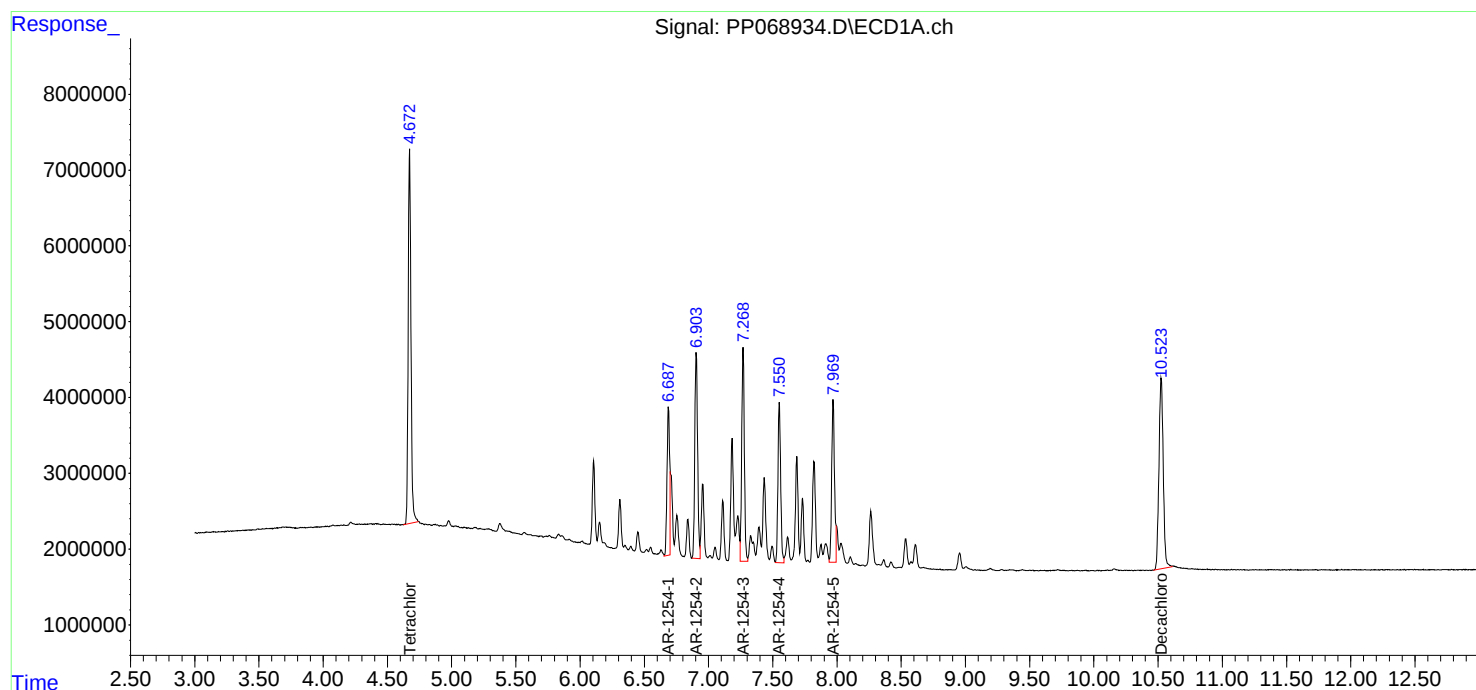
Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:54:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 04:31:10 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\PP010625\
 Data File : PP068935.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jan 2025 01:22
 Operator : YP\AJ
 Sample : AR1254ICC250
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC250

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/07/2025
 Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 07 04:55:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 04:31:10 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...	4.672	3.983	37802873	26914889	25.828	25.480
2) SA Decachlor...	10.524	9.112	30405057	32949823	26.113	27.242
Target Compounds						
26) L6 AR-1254-1	6.686	5.898	14519383	16528283	279.371m	274.651
27) L6 AR-1254-2	6.904	6.045	21595154	14763310	263.305	276.914
28) L6 AR-1254-3	7.268	6.454	21385186	22387356	263.197	269.680
29) L6 AR-1254-4	7.551	6.682	16198411	12382863	263.510	273.516
30) L6 AR-1254-5	7.968	7.102	16873594	19999727	252.947m	263.558

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068935.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 01:22
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

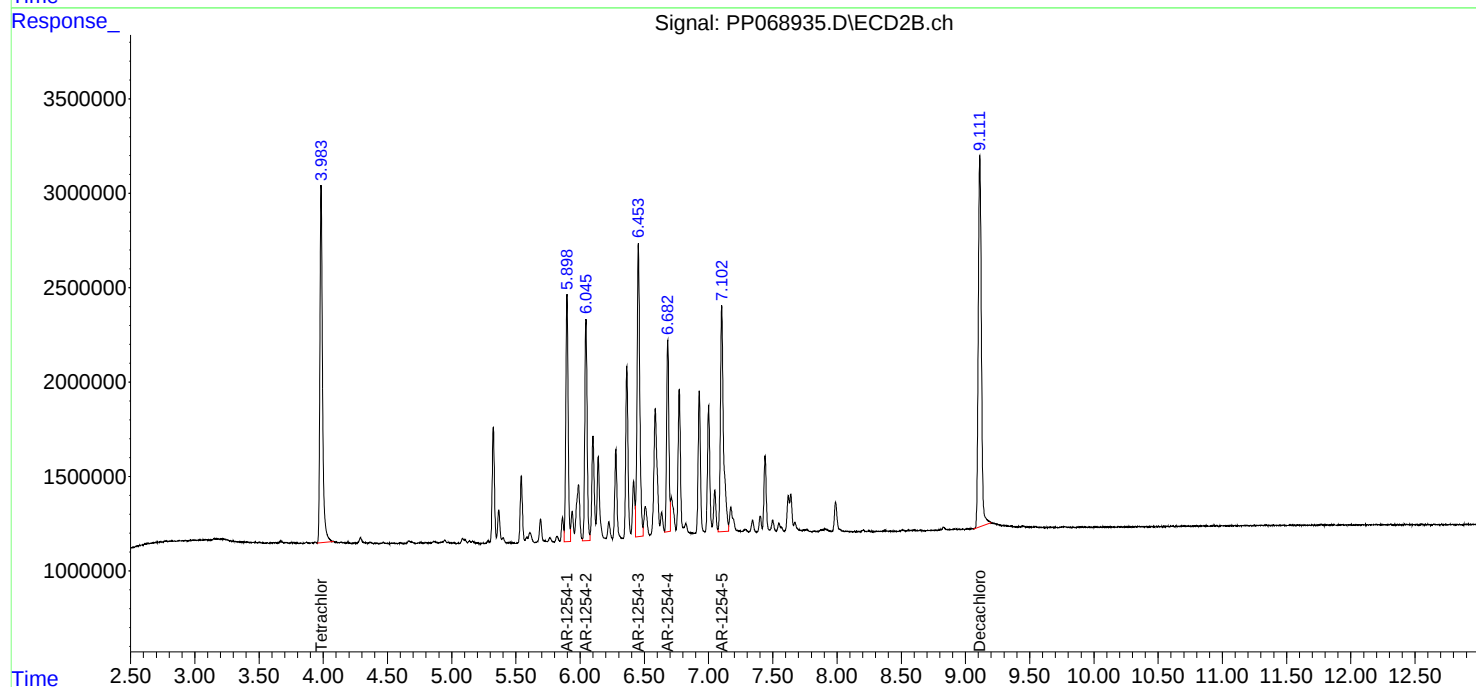
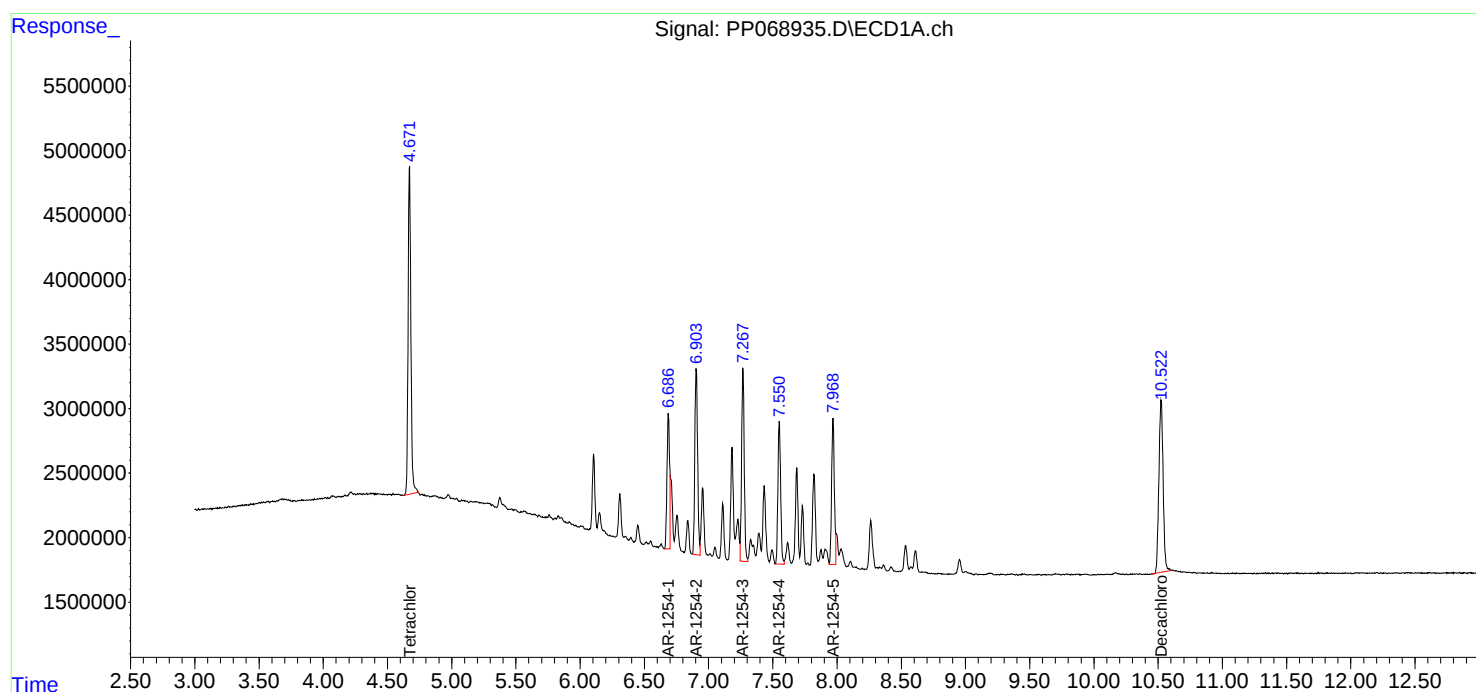
Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:55:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 04:31:10 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\PP010625\
 Data File : PP068936.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jan 2025 01:39
 Operator : YP\AJ
 Sample : AR1254ICC050
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/07/2025
 Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 07 04:55:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 04:31:10 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...	4.673	3.984	6642830	4956174	4.539	4.692
2) SA Decachlor...	10.525	9.113	5801484	7148830	4.983	5.910
Target Compounds						
26) L6 AR-1254-1	6.687	5.898	2793348	3250224	53.748m	54.009
27) L6 AR-1254-2	6.906	6.047	4311413	2945560	52.568	55.250
28) L6 AR-1254-3	7.270	6.454	4181266	4436967	51.461	53.448
29) L6 AR-1254-4	7.553	6.683	3134753	2386058	50.995	52.704
30) L6 AR-1254-5	7.970	7.104	3205914	3951907	48.059m	52.079

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068936.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 01:39
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

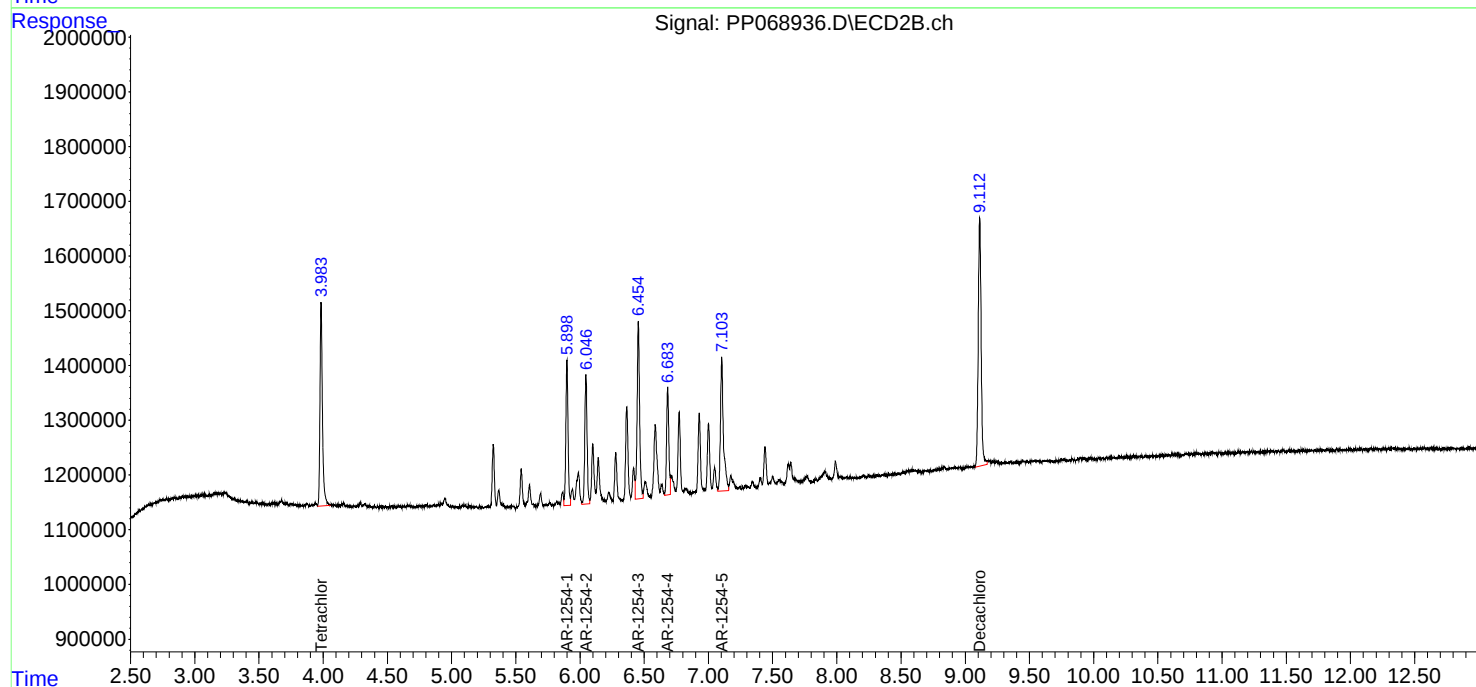
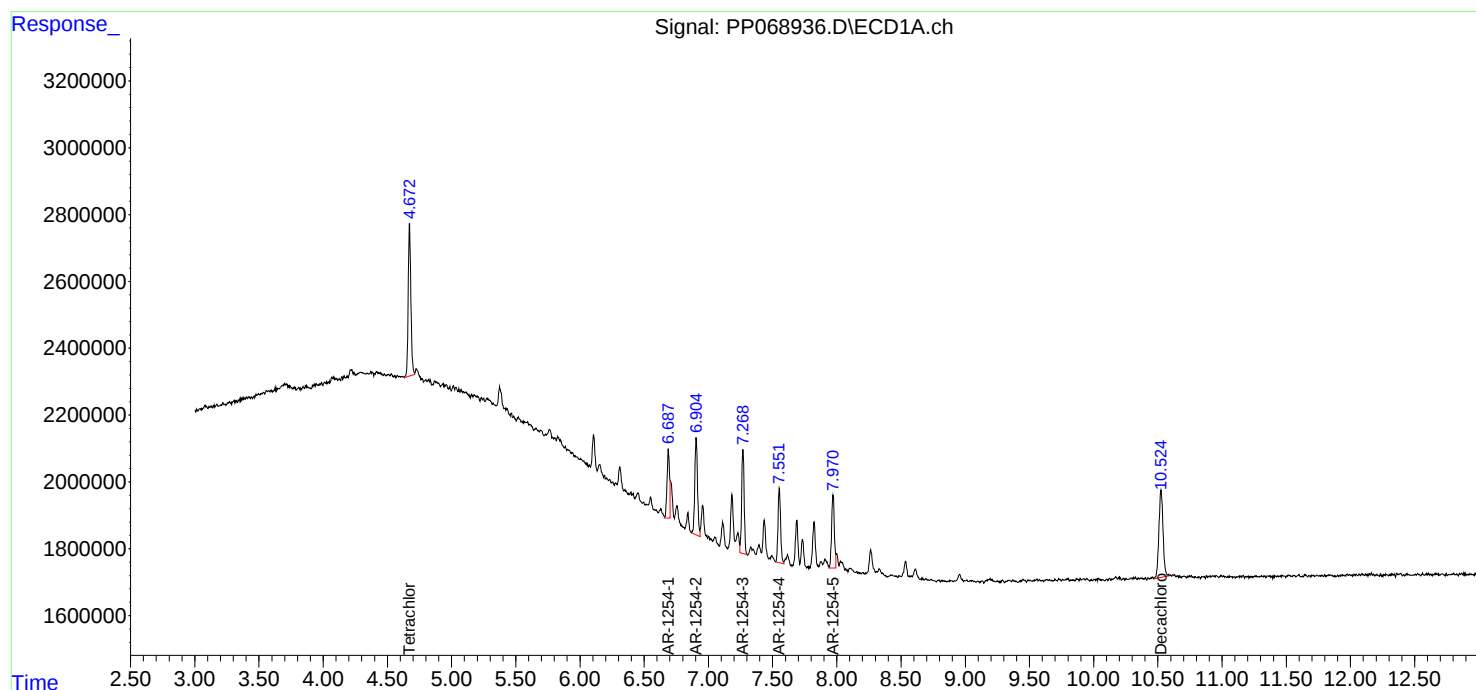
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:55:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 04:31:10 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\PP010625\
 Data File : PP068937.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jan 2025 01:55
 Operator : YP\AJ
 Sample : AR1262ICC500
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1262ICC500

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/07/2025
 Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 07 05:36:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 05:36:09 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...	4.675	3.984	69507266	51457459	50.000	50.000
2) SA Decachlor...	10.525	9.113	55889671	59383163	50.000	50.000
Target Compounds						
36) L8 AR-1262-1	8.284	7.142	39566513	39926161	500.000	500.000
37) L8 AR-1262-2	8.615	7.404	72208330	34964080	500.000	500.000
38) L8 AR-1262-3	8.945	7.929	51279962	28796538	499.554m	500.000
39) L8 AR-1262-4	9.036	7.993	41550636	50415682	500.000	500.000
40) L8 AR-1262-5	9.724	8.511	25410731	24409877	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\PP010625\
Data File : PP068937.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 01:55
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

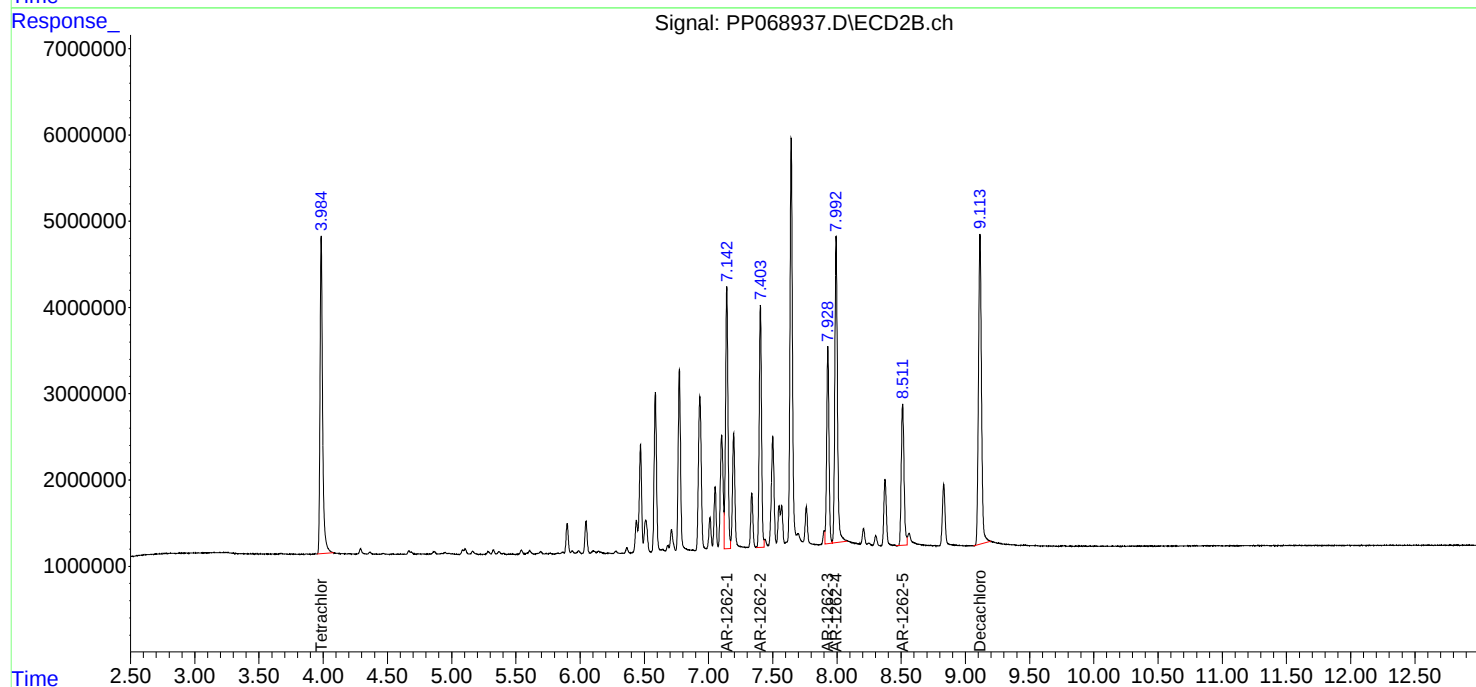
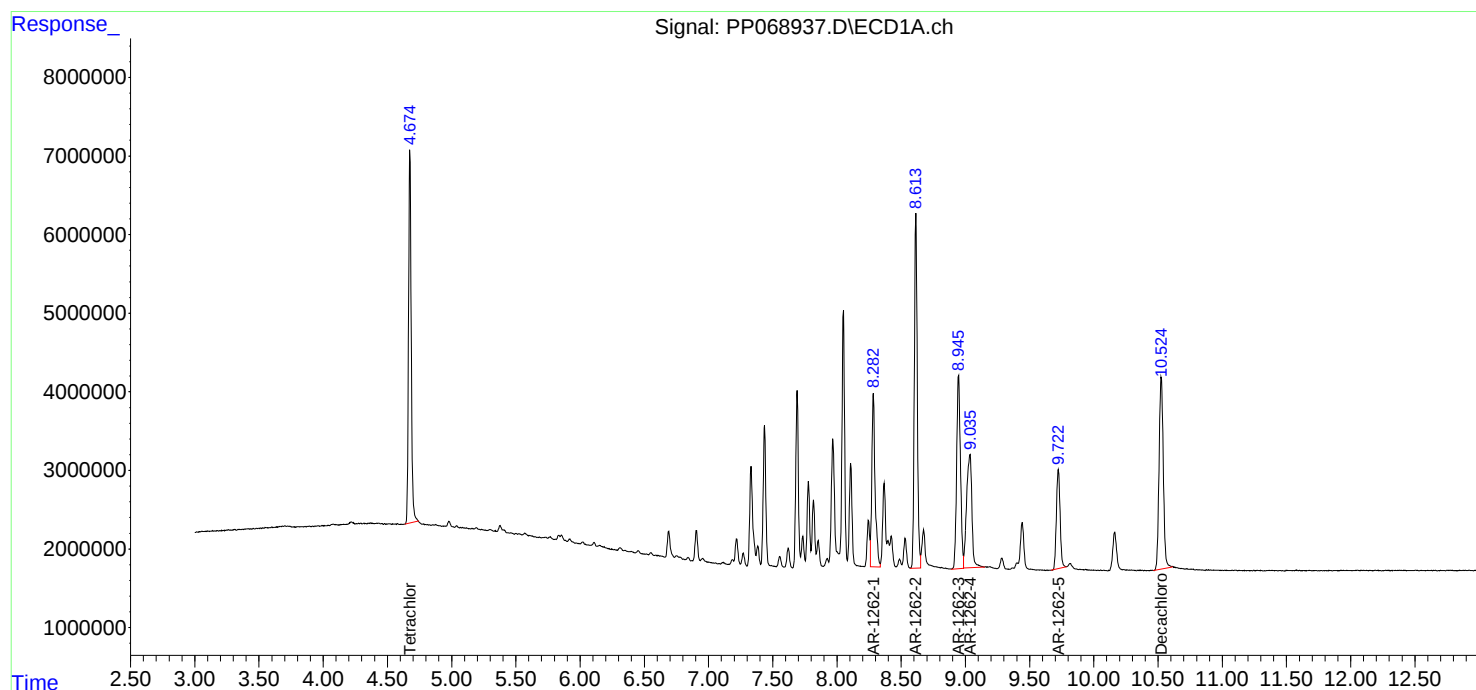
Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 05:36:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:36:09 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\PP010625\
 Data File : PP068938.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jan 2025 02:11
 Operator : YP\AJ
 Sample : AR1268ICC1000
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC1000

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/07/2025
 Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 07 05:43:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 05:43:25 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...	4.674	3.984	136.5E6	98018240	94.121	96.838
2) SA Decachlor...	10.526	9.112	174.6E6	181.5E6	91.672	89.613
Target Compounds						
41) L9 AR-1268-1	8.941	7.927	172.0E6	148.4E6	920.795m	887.800m
42) L9 AR-1268-2	9.041	7.993	154.2E6	137.9E6	927.438	899.379
43) L9 AR-1268-3	9.285	8.206	132.5E6	122.3E6	925.842	894.844
44) L9 AR-1268-4	9.723	8.511	52619884	50957332	908.390	902.356
45) L9 AR-1268-5	10.164	8.830	378.2E6	371.6E6	943.906	928.821

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068938.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 02:11
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

AR1268ICC1000

Manual Integrations

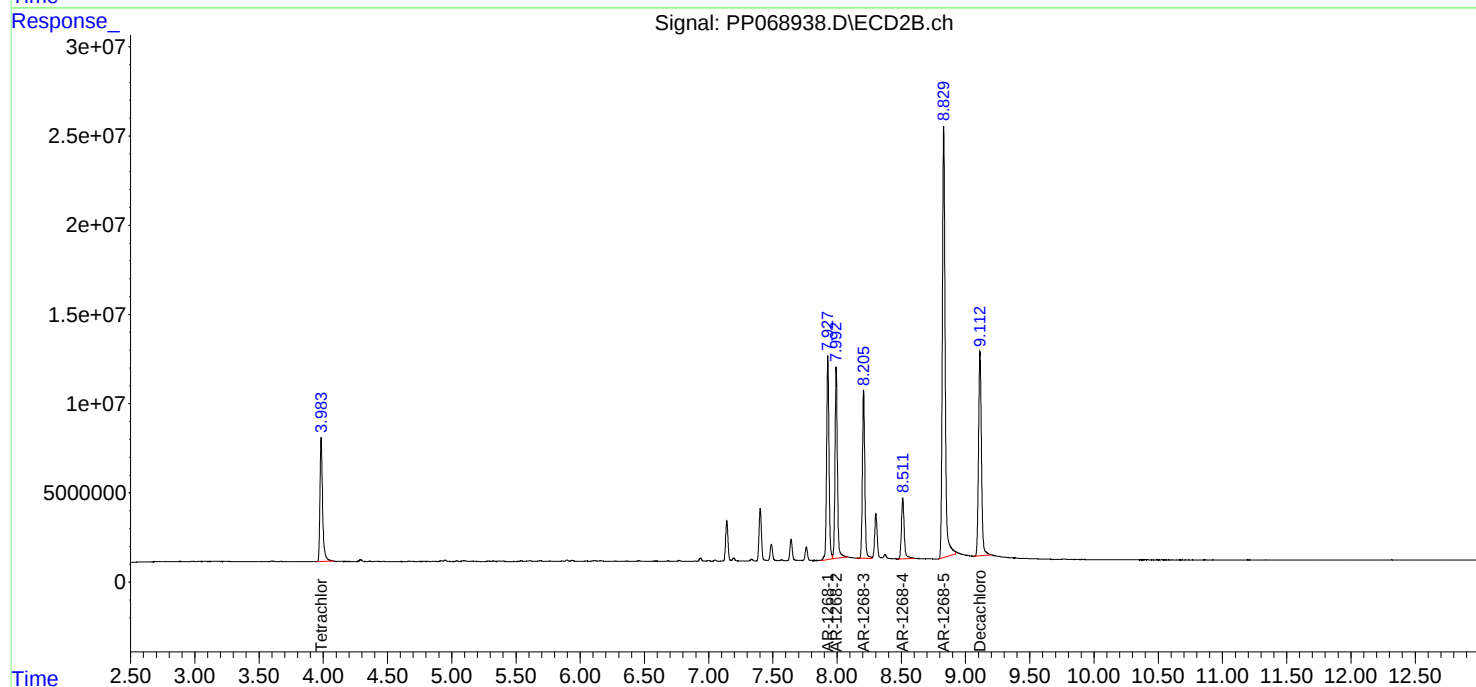
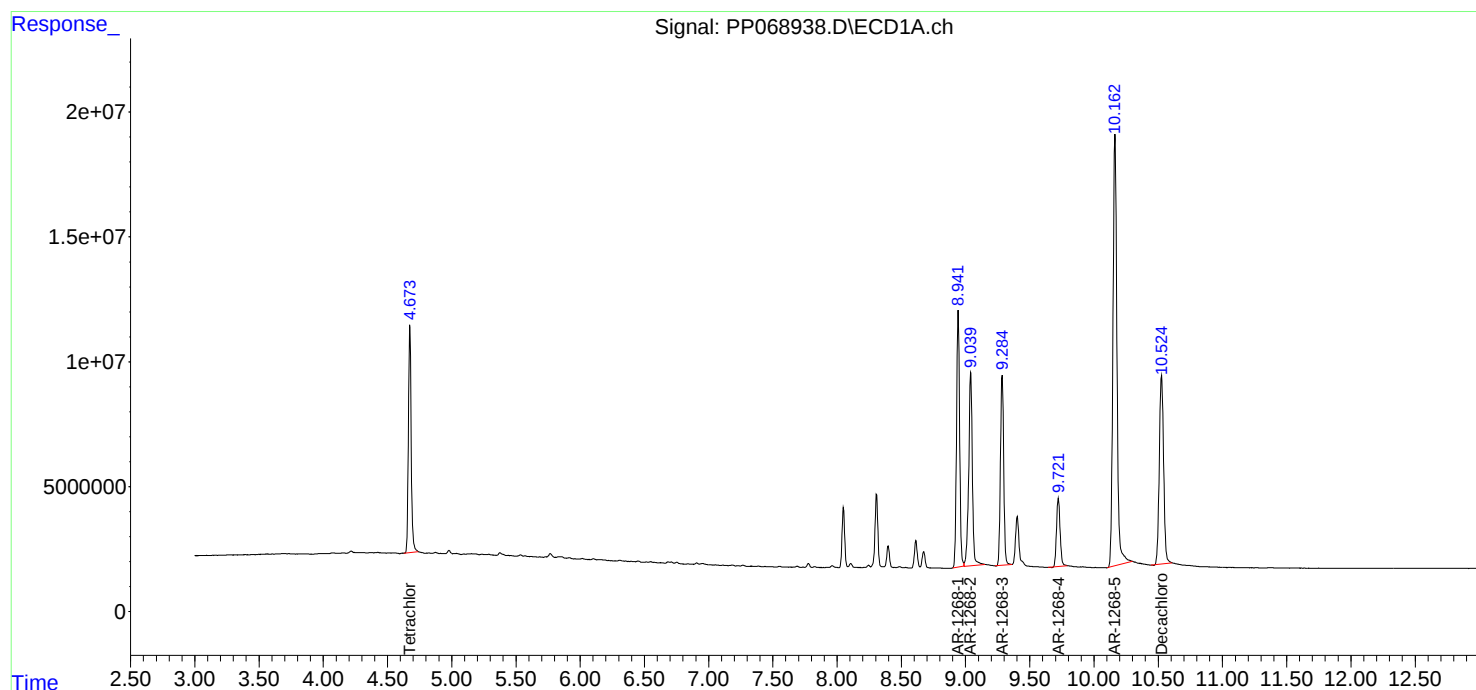
APPROVED

Reviewed By :Yogesh Patel 01/07/2025

Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 05:43:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:43:25 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\PP010625\
 Data File : PP068939.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jan 2025 02:27
 Operator : YP\AJ
 Sample : AR1268ICC750
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC750

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/07/2025
 Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 07 05:44:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 05:43:25 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...	4.672	3.985	104.2E6	72465100	71.854	71.593
2) SA Decachlor...	10.524	9.113	135.2E6	143.1E6	71.000	70.630
Target Compounds						
41) L9 AR-1268-1	8.939	7.927	133.3E6	118.6E6	713.575m	709.529m
42) L9 AR-1268-2	9.039	7.993	118.9E6	109.3E6	715.048	712.564
43) L9 AR-1268-3	9.283	8.207	102.2E6	97337361	714.018	712.102
44) L9 AR-1268-4	9.720	8.511	41183363	40012939	710.958	708.552
45) L9 AR-1268-5	10.161	8.831	287.2E6	289.7E6	716.809	723.959

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068939.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 02:27
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

AR1268ICC750

Manual Integrations

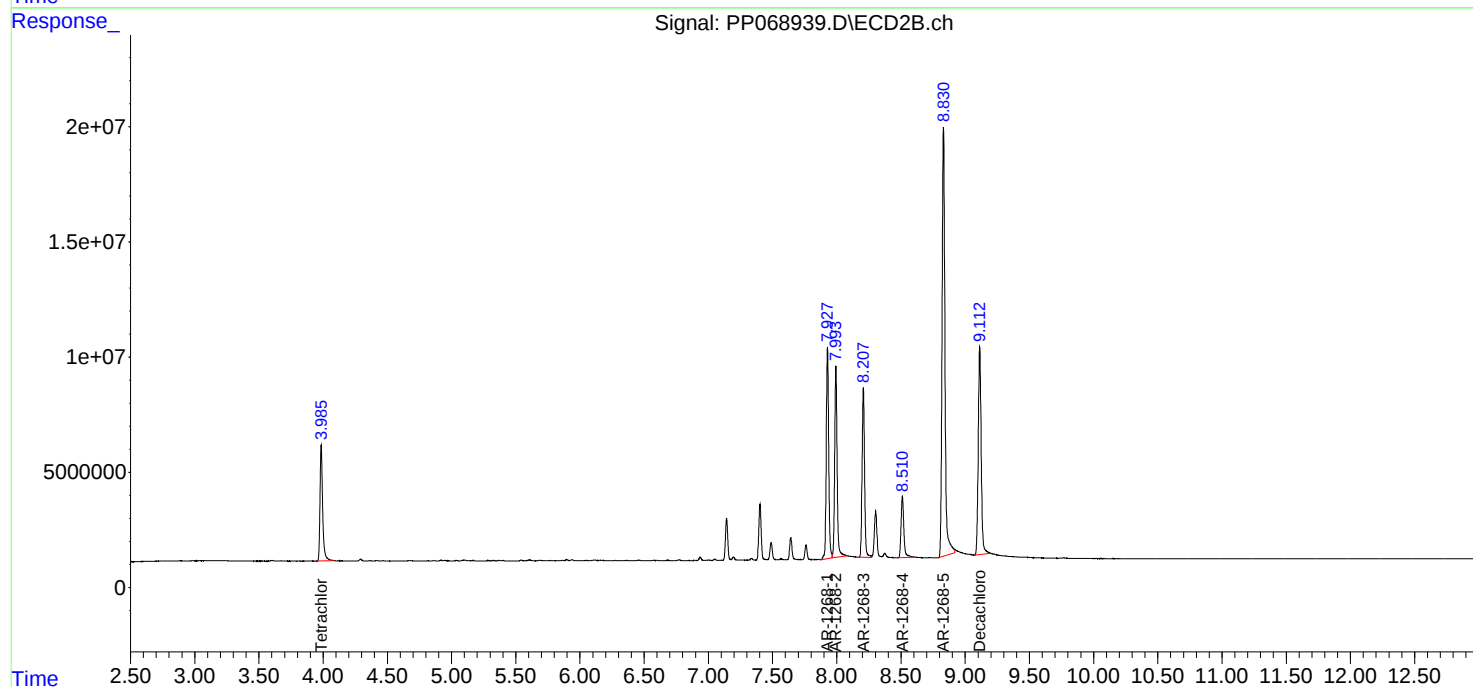
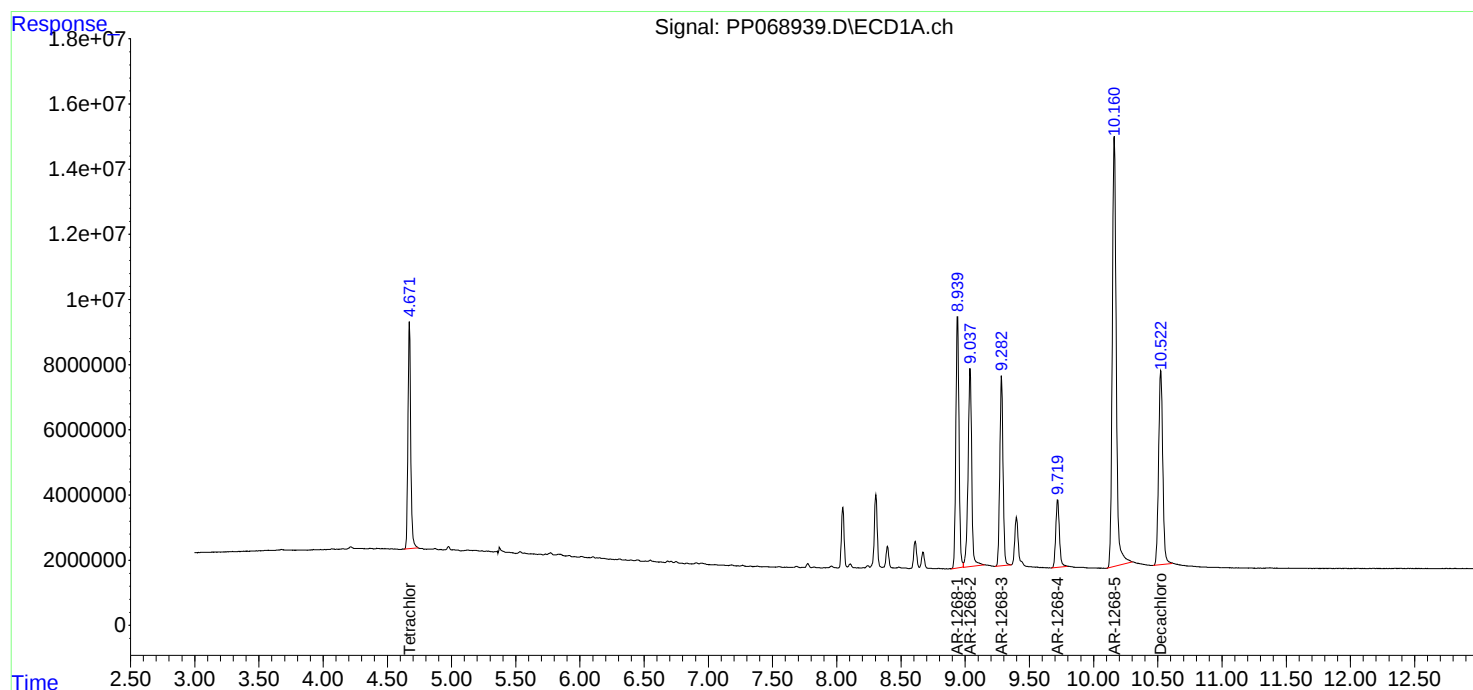
APPROVED

Reviewed By :Yogesh Patel 01/07/2025

Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 05:44:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:43:25 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\PP010625\
 Data File : PP068940.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jan 2025 02:44
 Operator : YP\AJ
 Sample : AR1268ICC500
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC500

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/07/2025
 Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 07 05:44:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 05:43:25 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...	4.675	3.984	72522728	50609211	50.000	50.000
2) SA Decachlor...	10.525	9.112	95218419	101.3E6	50.000	50.000
Target Compounds						
41) L9 AR-1268-1	8.942	7.927	93341005	83237988	499.796m	497.836m
42) L9 AR-1268-2	9.041	7.992	83144179	76663380	500.000	500.000
43) L9 AR-1268-3	9.286	8.206	71555320	68345138	500.000	500.000
44) L9 AR-1268-4	9.723	8.510	28963274	28235724	500.000	500.000
45) L9 AR-1268-5	10.163	8.829	200.3E6	200.1E6	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\PP010625\
Data File : PP068940.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 02:44
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

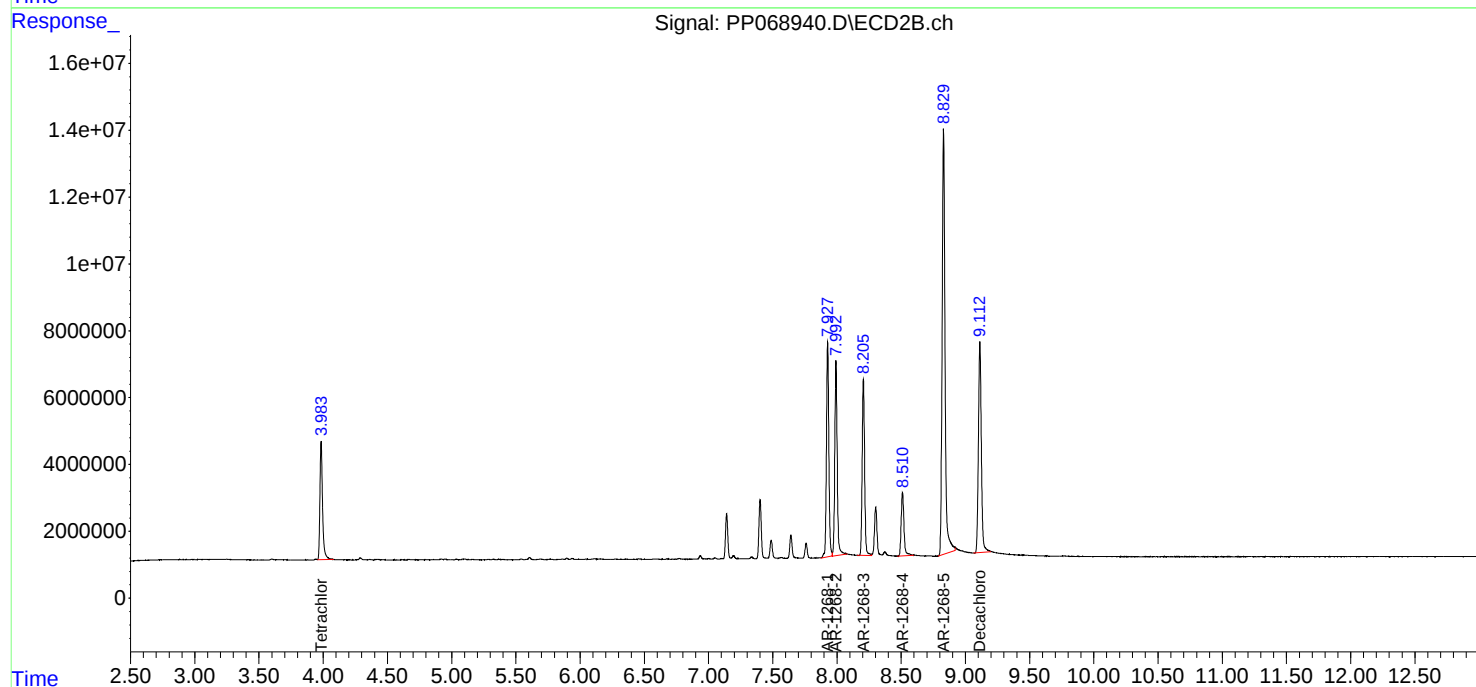
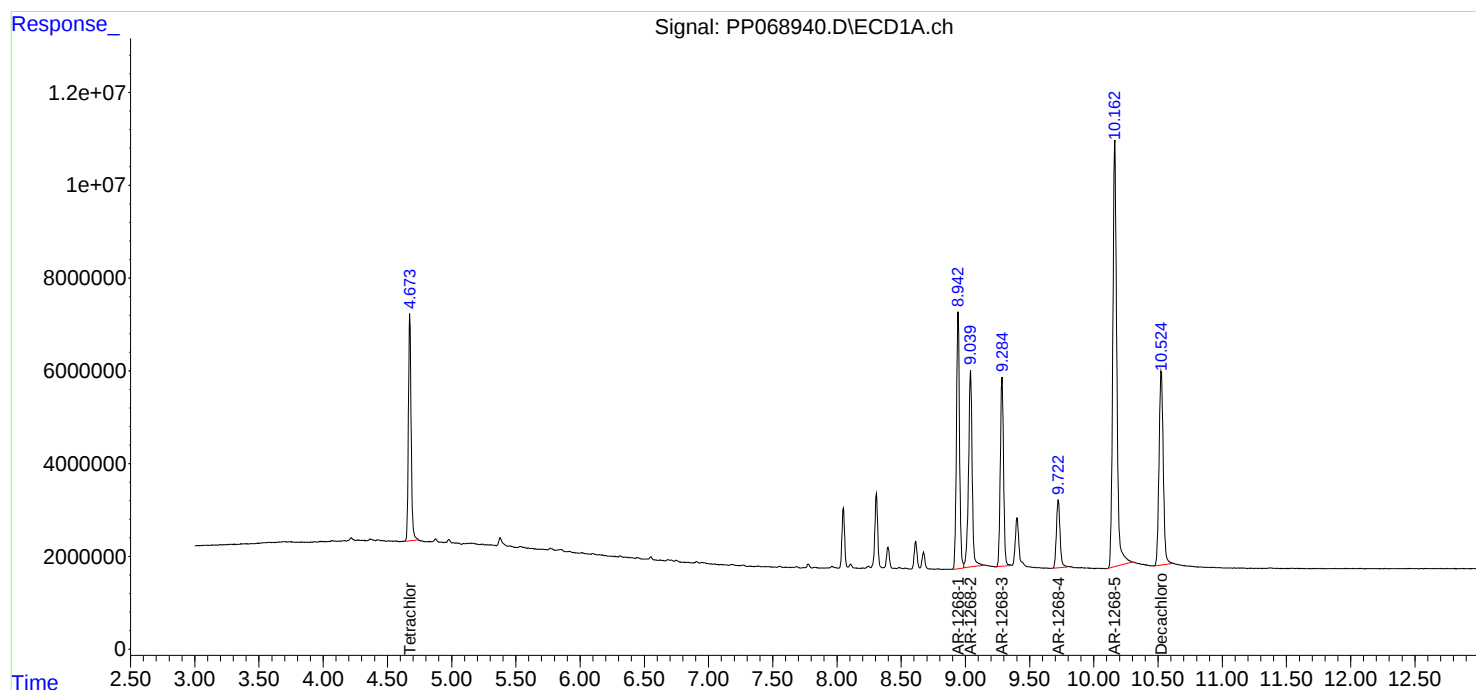
Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 05:44:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:43:25 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\PP010625\
 Data File : PP068941.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jan 2025 03:00
 Operator : YP\AJ
 Sample : AR1268ICC250
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC250

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/07/2025
 Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 07 05:44:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 05:43:25 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...	4.674	3.985	36412053	26084674	25.104	25.771
2) SA Decachlor...	10.527	9.112	49276971	51308802	25.876	25.331
Target Compounds						
41) L9 AR-1268-1	8.942	7.927	48668851	40756852	260.598m	243.762m
42) L9 AR-1268-2	9.041	7.993	43106494	37392248	259.227	243.873
43) L9 AR-1268-3	9.286	8.206	37196020	33885914	259.911	247.903
44) L9 AR-1268-4	9.723	8.511	14585644	14014314	251.795	248.166
45) L9 AR-1268-5	10.164	8.831	104.1E6	97273750	259.795	243.110

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068941.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 03:00
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

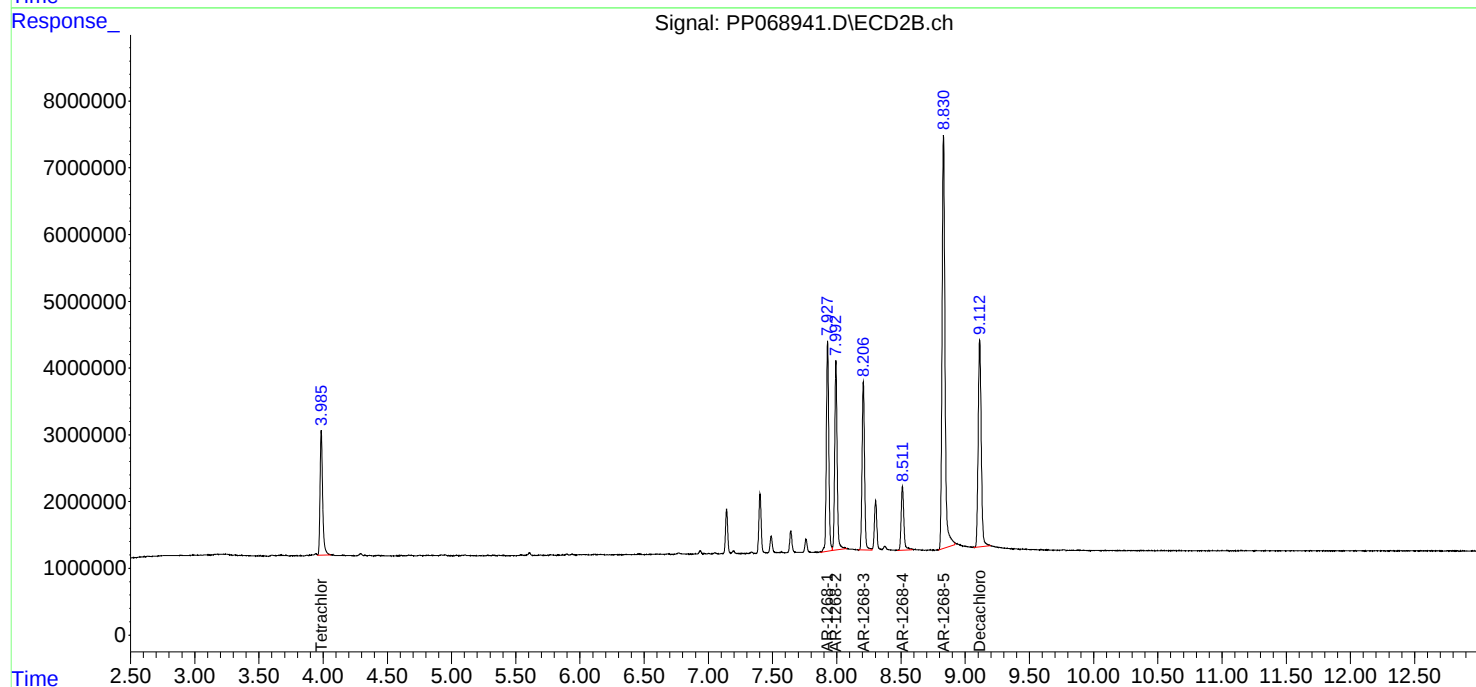
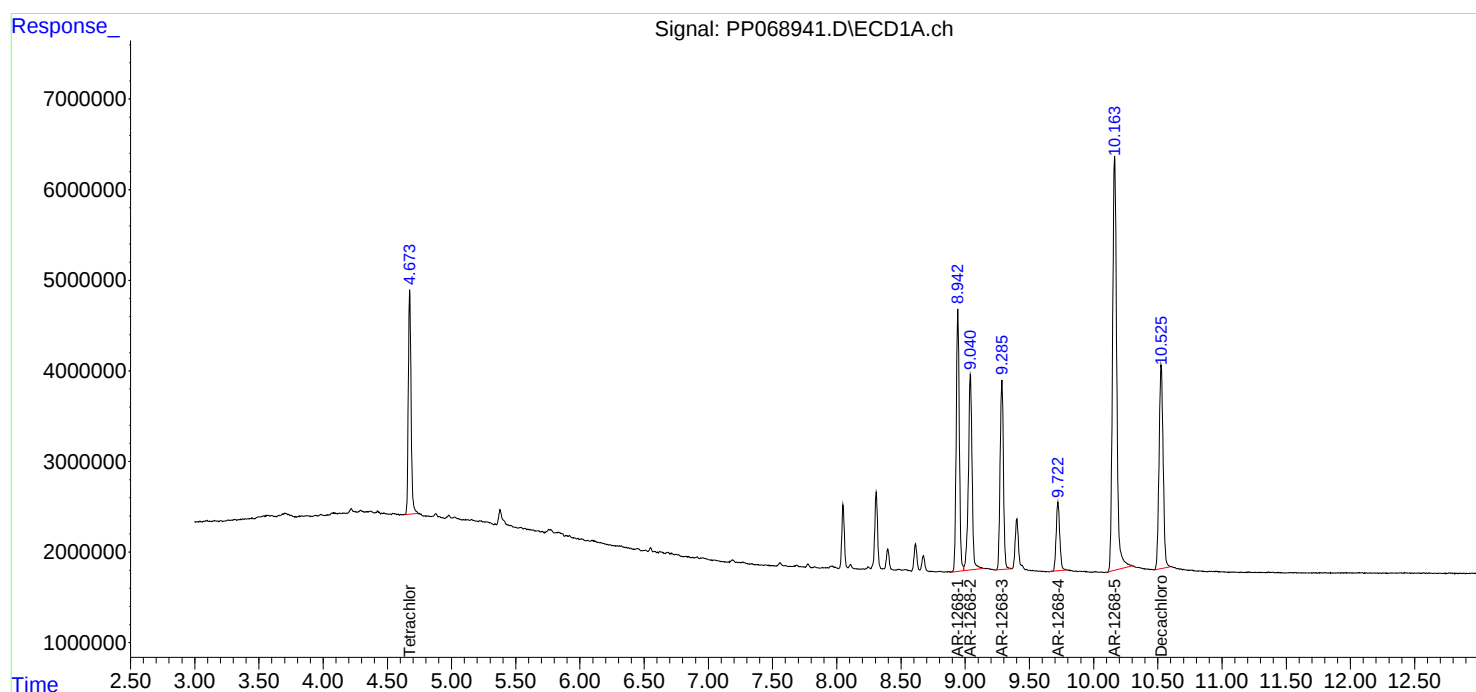
Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 05:44:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:43:25 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\PP010625\
 Data File : PP068942.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jan 2025 03:16
 Operator : YP\AJ
 Sample : AR1268ICC050
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/07/2025
 Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 07 05:44:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 05:43:25 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...	4.674	3.985	6701513	5019697	4.620	4.959
2) SA Decachlor...	10.525	9.113	9687344	10936318	5.087	5.399
Target Compounds						
41) L9 AR-1268-1	8.941	7.928	9644341	8762627	51.641m	52.408m
42) L9 AR-1268-2	9.039	7.993	8234453	7668425	49.519	50.014
43) L9 AR-1268-3	9.284	8.207	7258307	6997899	50.718	51.195
44) L9 AR-1268-4	9.721	8.511	2741415	2473714	47.326	43.805
45) L9 AR-1268-5	10.162	8.830	20261101	20123266	50.567	50.293

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068942.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 03:16
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

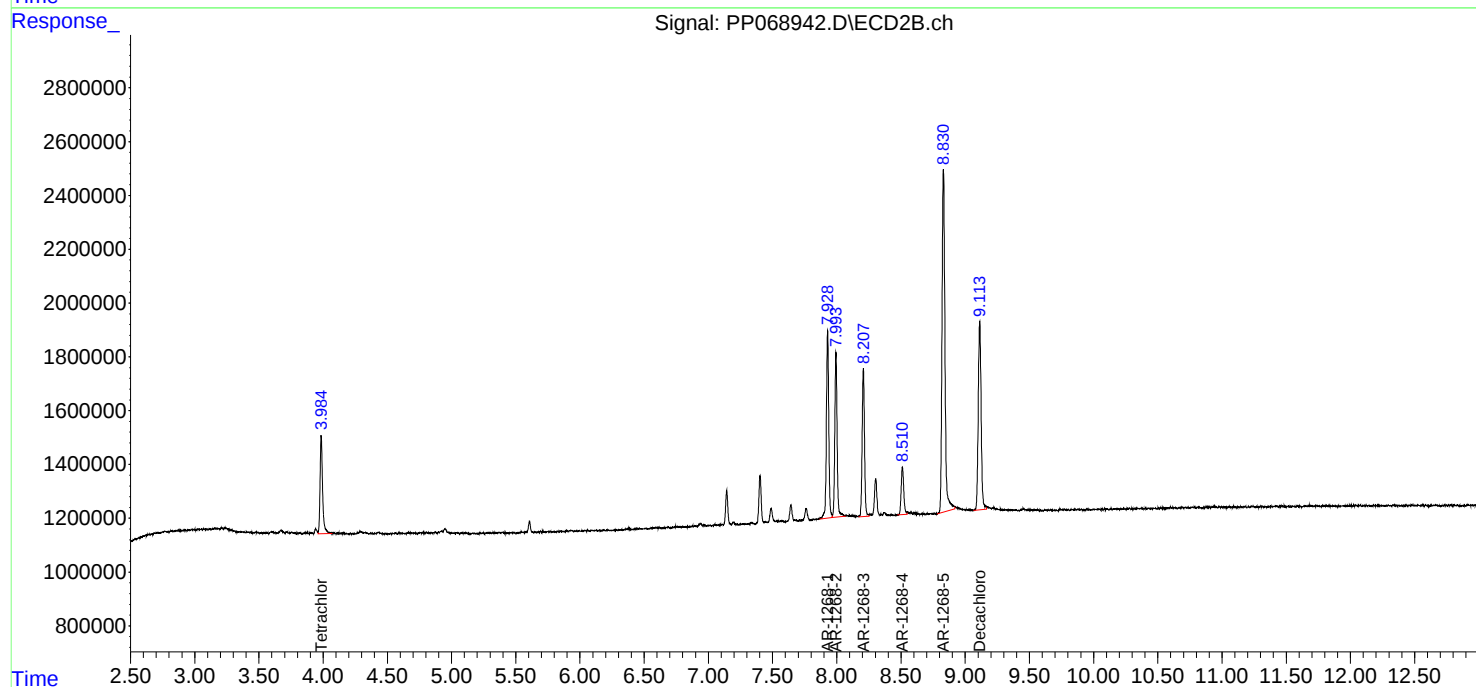
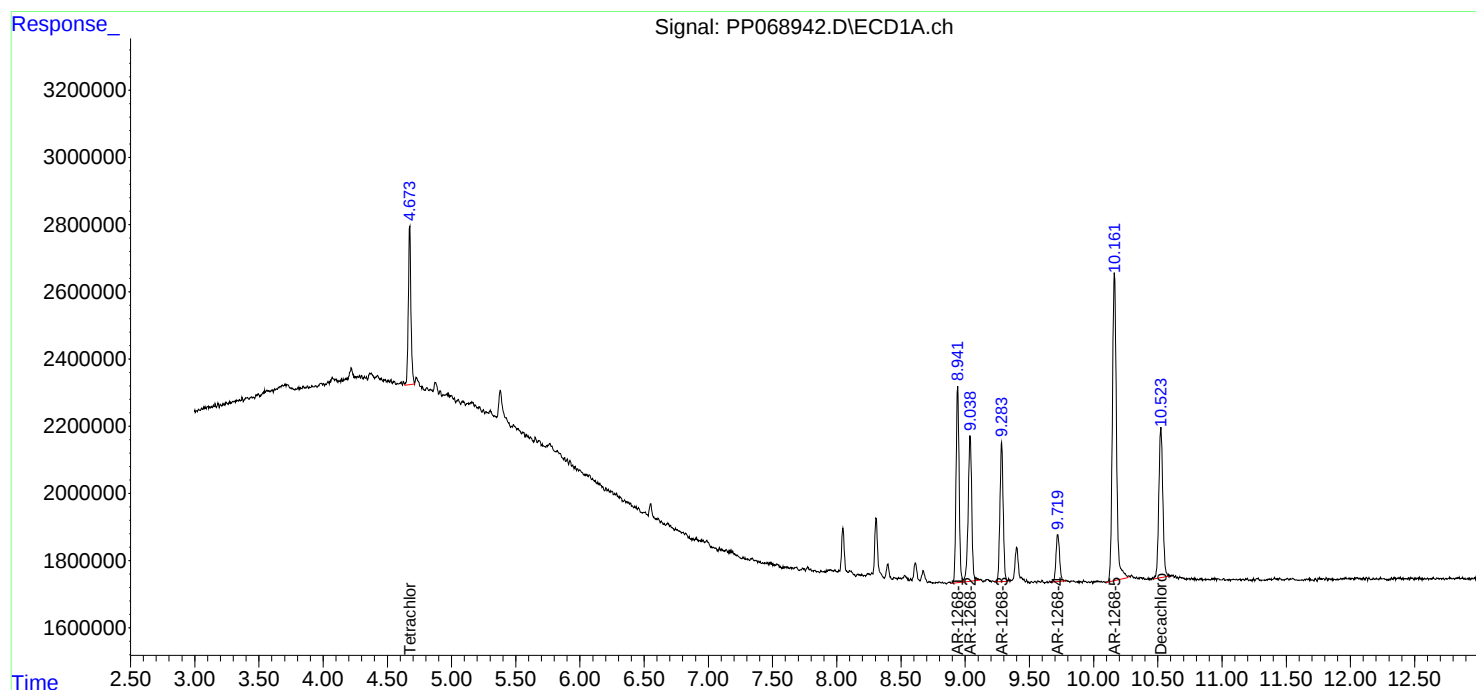
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 05:44:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:43:25 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\PP010625\
 Data File : PP068943.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jan 2025 03:32
 Operator : YP\AJ
 Sample : PP010625ICV500
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP010625

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 07 06:01:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 05:59:50 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...	4.673	3.985	76007312	53616375	54.631	54.925
2) SA Decachlor...	10.524	9.114	58354001	60290302	52.267	50.187
Target Compounds						
3) L1 AR-1016-1	5.834	5.086	23102887	17950123	515.277	530.555
4) L1 AR-1016-2	5.856	5.106	36005559	26123062	535.687	519.010
5) L1 AR-1016-3	5.919	5.286	22116175	14786653	524.222	545.699
6) L1 AR-1016-4	6.017	5.325	18043603	13170856	515.758	534.514
7) L1 AR-1016-5	6.311	5.543	18027643	16255783	521.163	538.345
31) L7 AR-1260-1	7.435	6.586	32628934	28981816	520.121	505.838
32) L7 AR-1260-2	7.688	6.773	40274439	33476023	531.815	508.160
33) L7 AR-1260-3	8.048	6.930	35139944	32930217	535.657	511.468
34) L7 AR-1260-4	8.281	7.404	34692265	29049333	523.970	518.623
35) L7 AR-1260-5	8.613	7.643	67251763	63035387	537.325	513.261

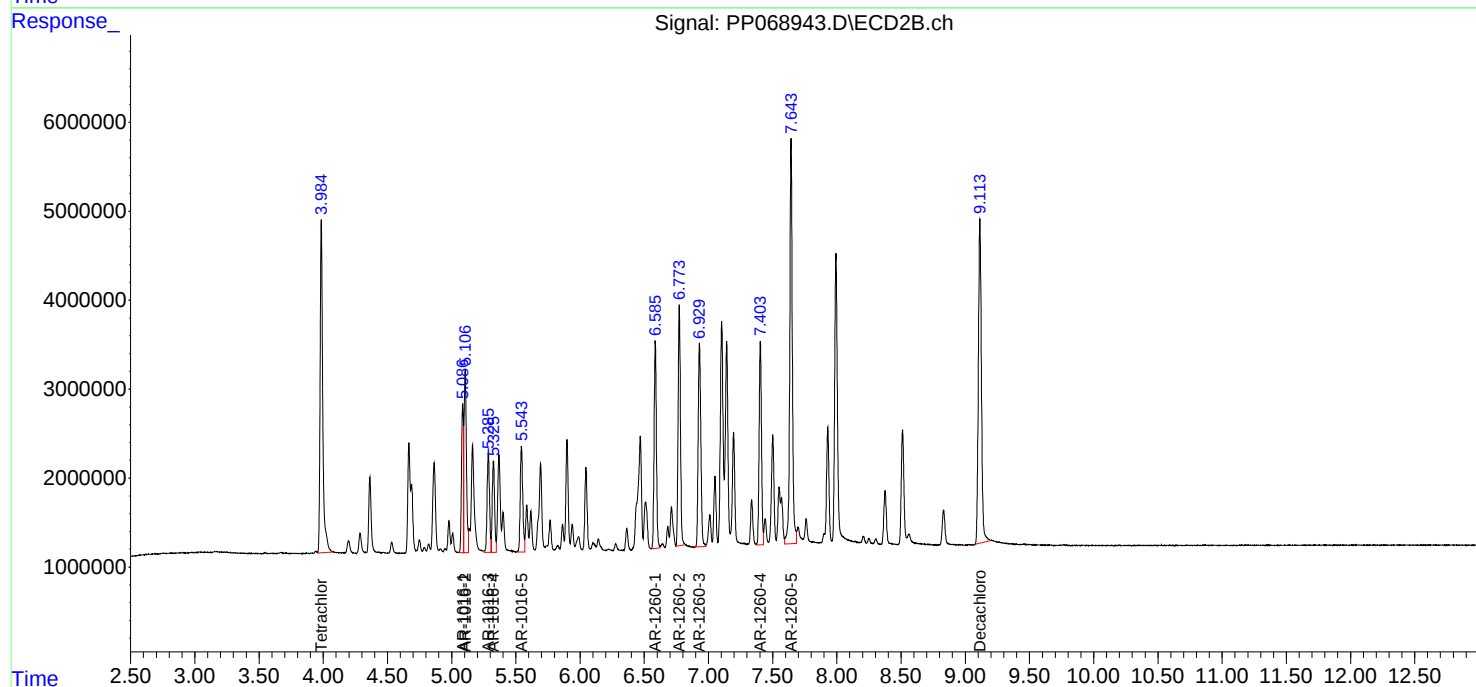
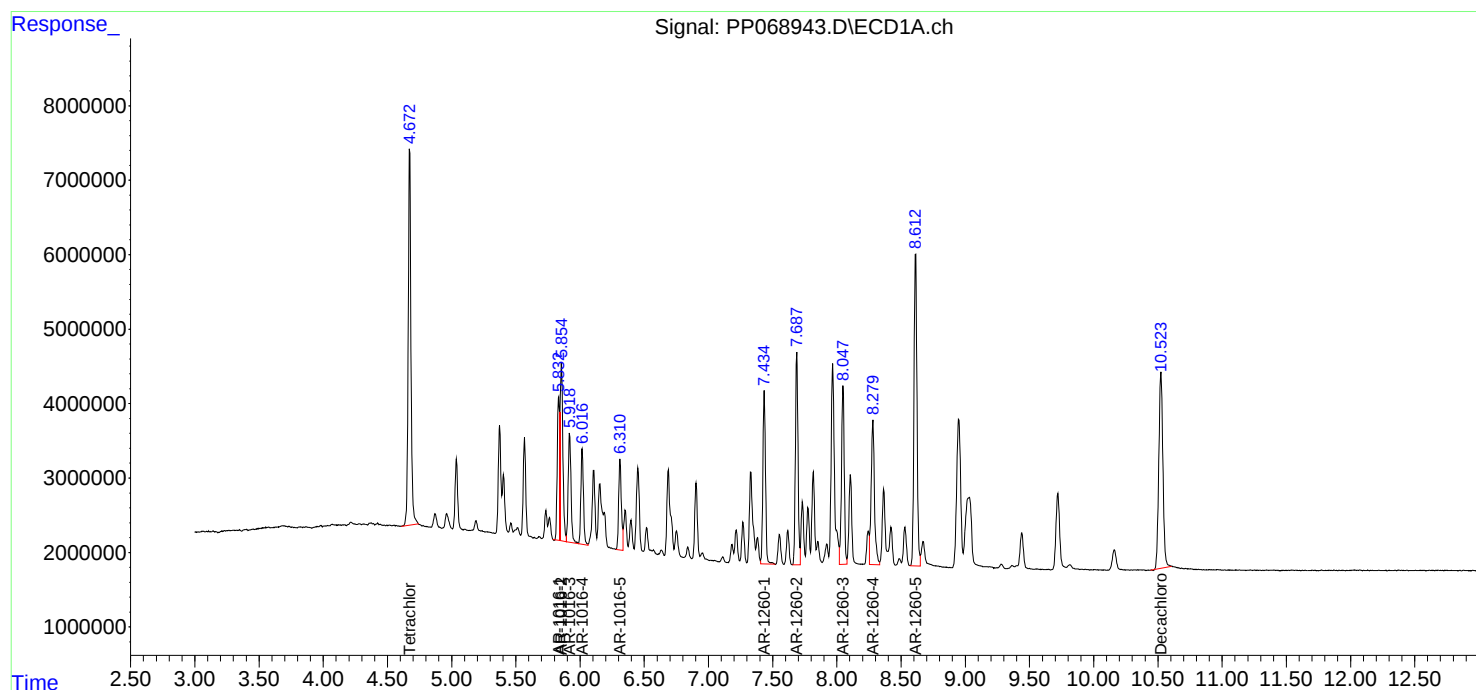
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068943.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 03:32
Operator : YP\AJ
Sample : PP010625ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP010625

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 06:01:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:59:50 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
 Data File : PP068944.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jan 2025 03:48
 Operator : YP\AJ
 Sample : AR1242ICV500
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP010625

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 07 10:57:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 10:57:08 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...	4.675	3.985	75633026	53984632	52.220	53.431
2) SA Decachlor...	10.527	9.113	59522370	62456747	51.720	51.312
Target Compounds						
16) L4 AR-1242-1	5.836	5.086	19340084	15145231	521.837	516.072
17) L4 AR-1242-2	5.857	5.106	30173510	21920241	525.979	520.641
18) L4 AR-1242-3	5.921	5.286	18312969	12216268	532.278	525.042
19) L4 AR-1242-4	6.019	5.369	14826631	12877419	515.604	528.443
20) L4 AR-1242-5	6.752	5.898	16021625	15008675	510.513	516.943

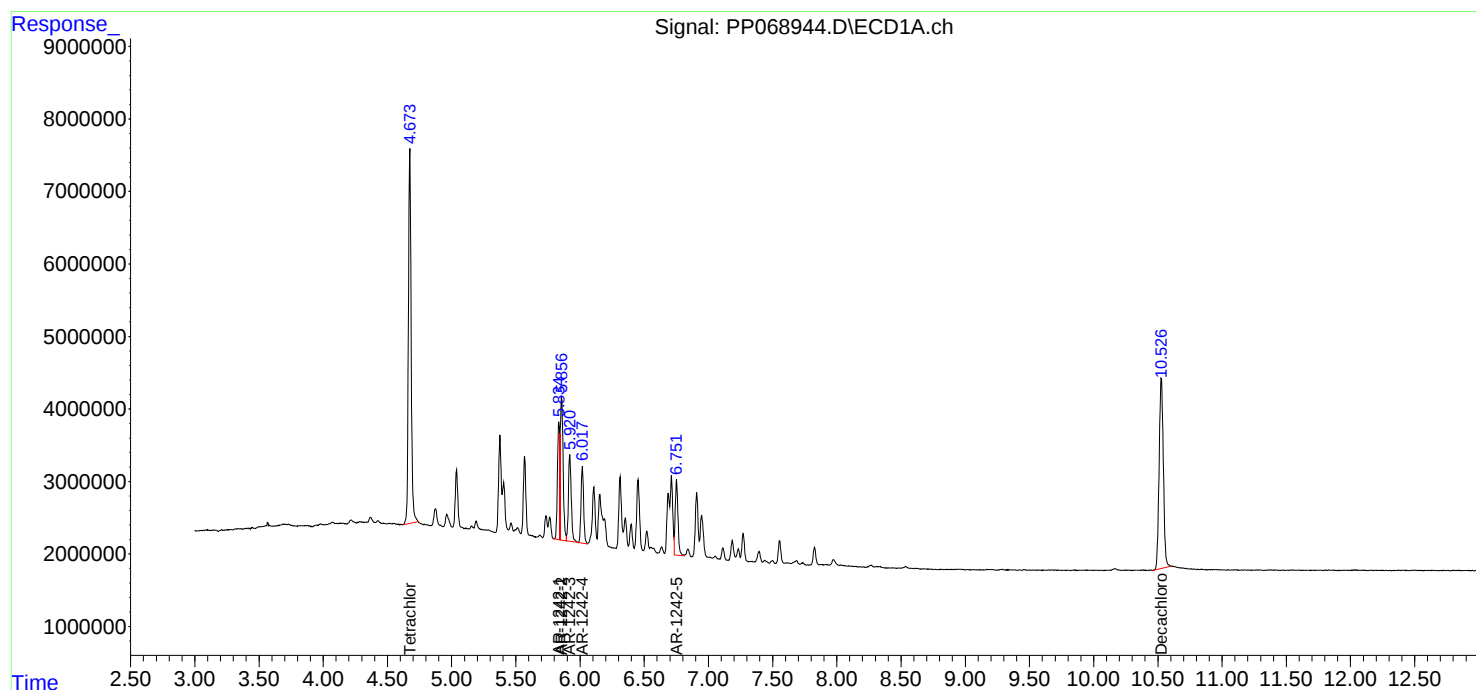
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068944.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 03:48
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP010625

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 10:57:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 10:57:08 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\PP010625\
 Data File : PP068945.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jan 2025 04:05
 Operator : YP\AJ
 Sample : AR1248ICV500
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP010625

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 07 05:55:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 05:54:40 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...	4.672	3.984	76546084	53218812	53.484	53.352
2) SA Decachlor...	10.524	9.113	61065669	65982257	52.716	53.709
Target Compounds						
21) L5 AR-1248-1	5.833	5.086	14935906	12453303	507.547	541.468
22) L5 AR-1248-2	6.106	5.325	22553448	18424233	523.028	539.641
23) L5 AR-1248-3	6.311	5.368	24868596	19117861	527.128	541.079
24) L5 AR-1248-4	6.711	5.542	28214843	21741044	525.408	528.186
25) L5 AR-1248-5	6.750	5.939	27442361	20603468	527.563	532.579

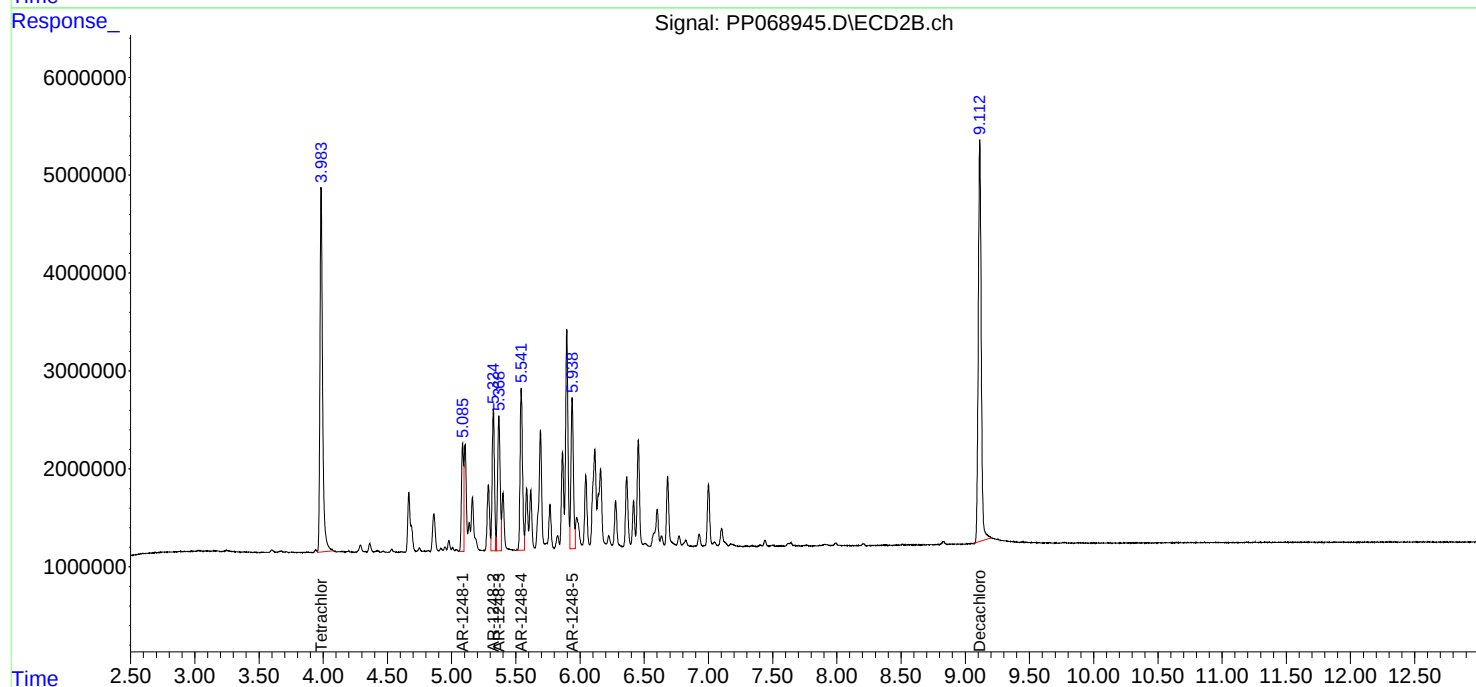
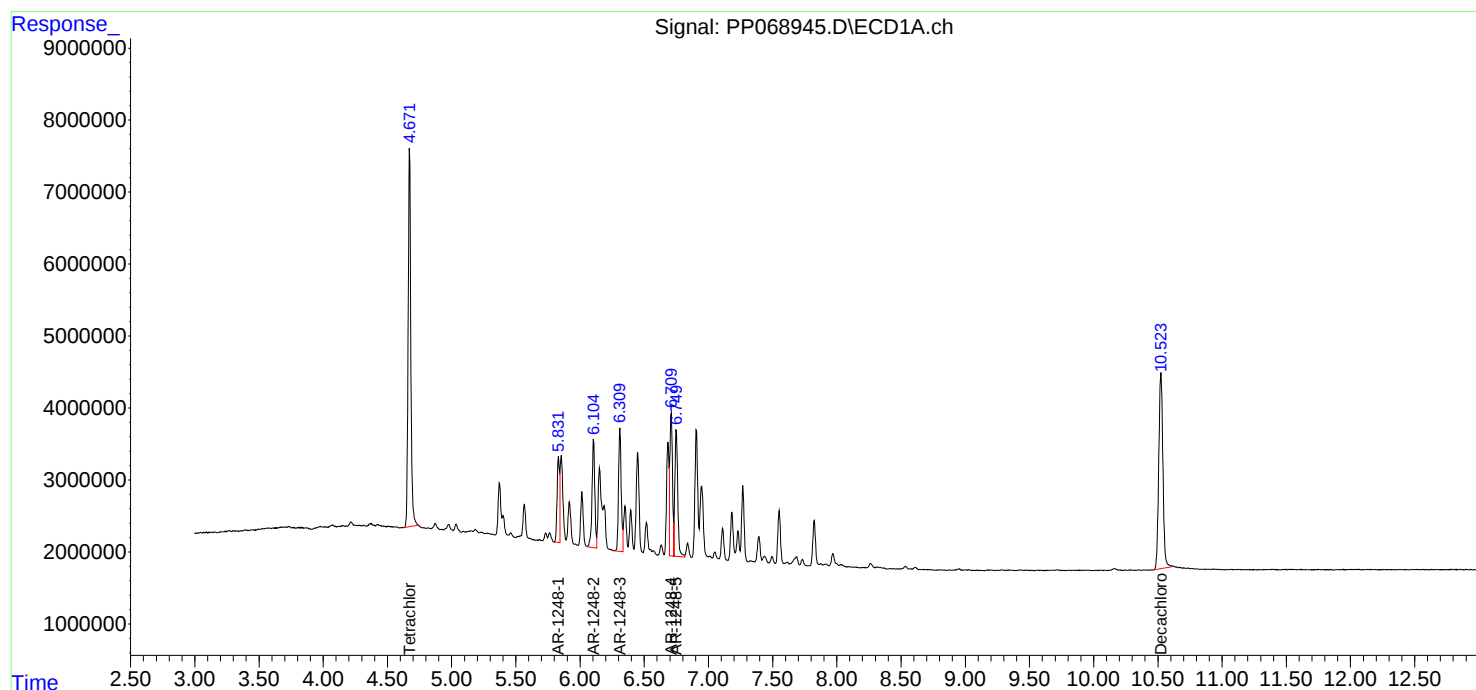
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068945.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 04:05
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP010625

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 05:55:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:54:40 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\PP010625\
 Data File : PP068946.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jan 2025 04:21
 Operator : YP\AJ
 Sample : AR1254ICV500
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP010625

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/07/2025
 Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 07 04:55:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 04:31:10 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...	4.675	3.985	76900922	55729128	52.541	52.758
2) SA Decachlor...	10.526	9.113	61345705	63520580	52.686	52.516
Target Compounds						
26) L6 AR-1254-1	6.689	5.899	28517259	31814360	548.708m	528.661
27) L6 AR-1254-2	6.907	6.047	42499134	28025650	518.183	525.675
28) L6 AR-1254-3	7.271	6.455	42679794	43666057	525.280	526.005
29) L6 AR-1254-4	7.554	6.683	32222102	24035176	524.178	530.895
30) L6 AR-1254-5	7.970	7.104	33328008	39589013	499.611m	521.708

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068946.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 04:21
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

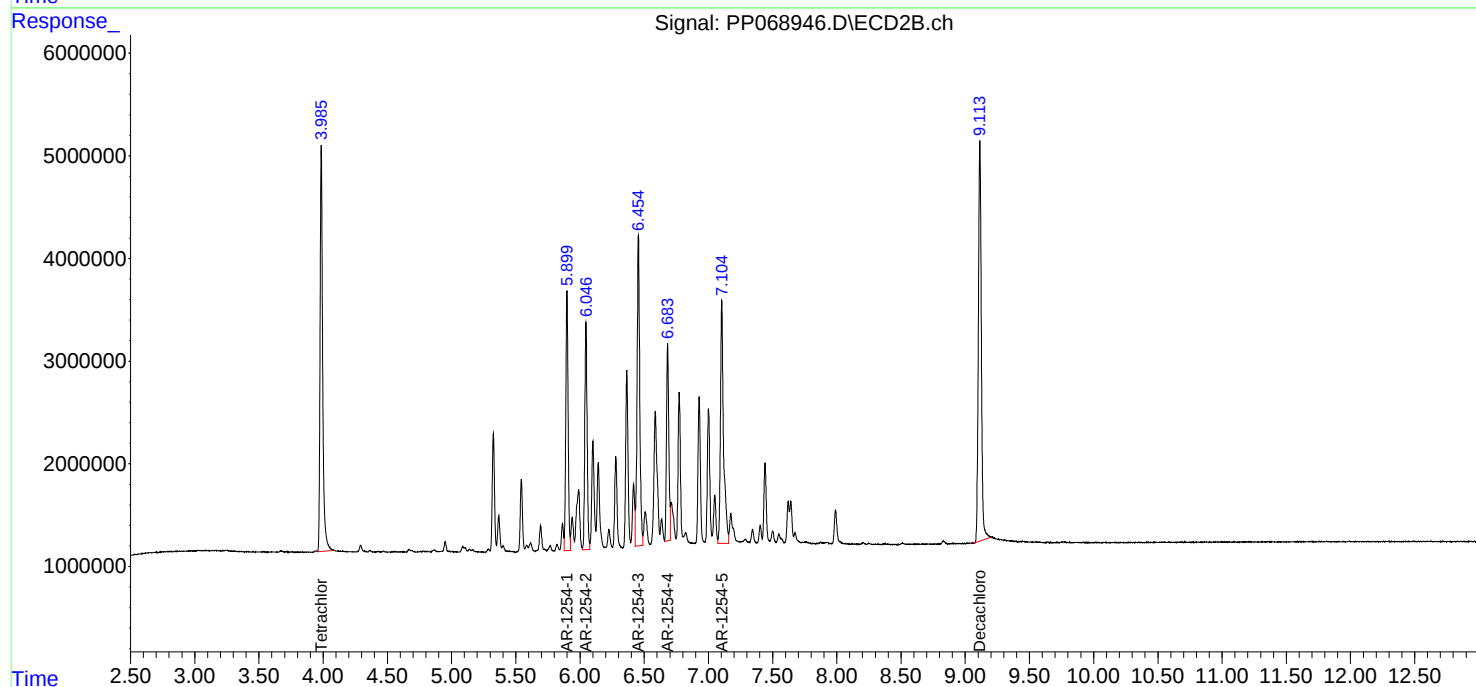
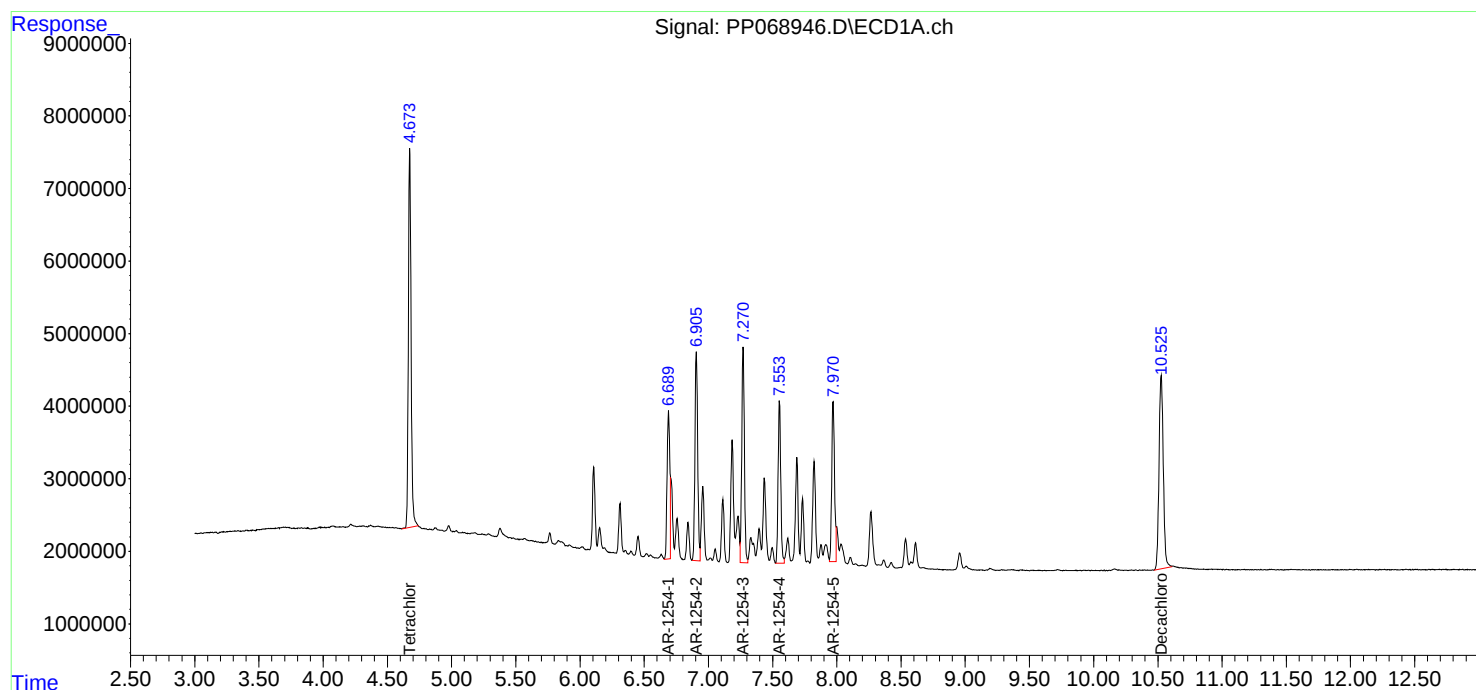
Instrument :
ECD_P
ClientSampleId :
ICVPP010625

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/07/2025
Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 04:55:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 04:31:10 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\PP010625\
 Data File : PP068947.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jan 2025 04:37
 Operator : YP\AJ
 Sample : AR1268ICV500
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP010625

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/07/2025
 Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 07 05:45:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 05:43:25 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...	4.674	3.985	75573682	53172725	52.103	52.533
2) SA Decachlor...	10.525	9.113	98837163	104.3E6	51.900	51.479
Target Compounds						
41) L9 AR-1268-1	8.940	7.928	98017727	86304665	524.838m	516.177m
42) L9 AR-1268-2	9.040	7.993	87375737	79847574	525.447	520.767
43) L9 AR-1268-3	9.285	8.207	74759536	70603074	522.390	516.519
44) L9 AR-1268-4	9.722	8.511	29783145	29509345	514.154	522.553
45) L9 AR-1268-5	10.162	8.830	210.4E6	204.9E6	525.166	511.979

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068947.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2025 04:37
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

ICVPP010625

Manual Integrations

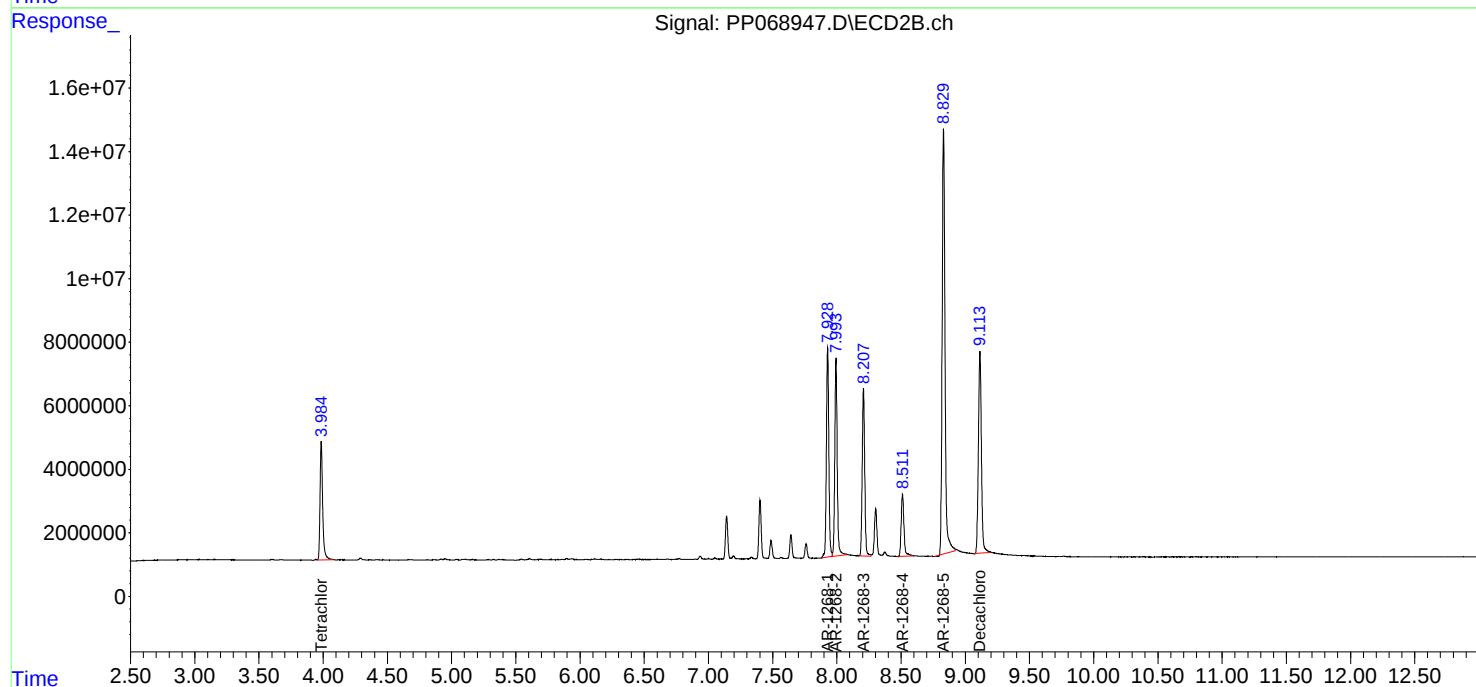
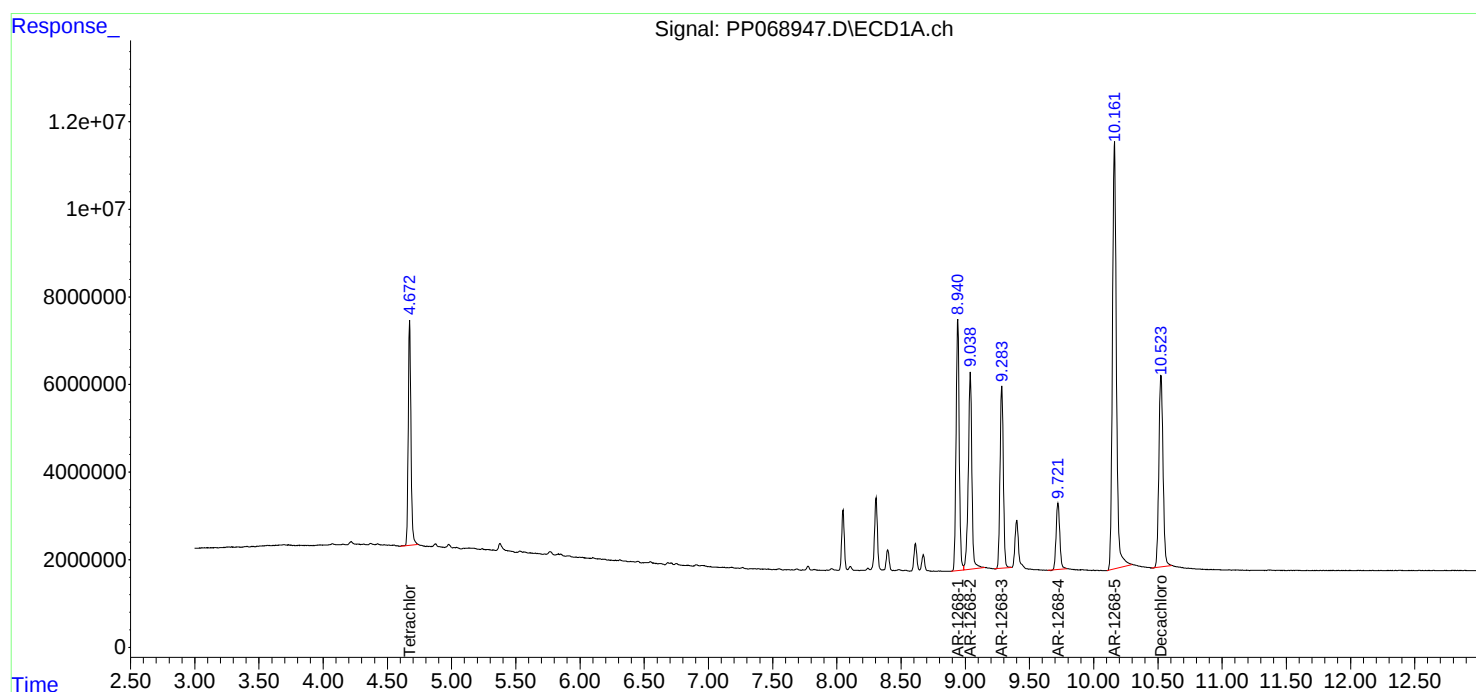
APPROVED

Reviewed By :Yogesh Patel 01/07/2025

Supervised By :Ankita Jodhani 01/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 05:45:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 05:43:25 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: ENTA05

Lab Code: CHEM Case No.: Q1036 SAS No.: Q1036 SDG NO.: Q1036

Continuing Calib Date: 01/09/2025 Initial Calibration Date(s): 01/06/2025 01/07/2025

Continuing Calib Time: 09:18 Initial Calibration Time(s): 19:57 03:16

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-2	(2)	5.85	5.85	5.75	5.95	0.00
Aroclor-1016-3	(3)	5.92	5.92	5.82	6.02	0.01
Aroclor-1016-4	(4)	6.01	6.02	5.92	6.12	0.01
Aroclor-1016-5	(5)	6.31	6.31	6.21	6.41	0.00
Aroclor-1260-1	(1)	7.43	7.43	7.33	7.53	0.00
Aroclor-1260-2	(2)	7.69	7.69	7.59	7.79	0.01
Aroclor-1260-3	(3)	8.05	8.05	7.95	8.15	0.00
Aroclor-1260-4	(4)	8.28	8.28	8.18	8.38	0.00
Aroclor-1260-5	(5)	8.61	8.61	8.51	8.71	0.00
Tetrachloro-m-xylene		4.67	4.67	4.57	4.77	0.00
Decachlorobiphenyl		10.52	10.52	10.42	10.62	0.00



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q1036 SAS No.: Q1036 SDG NO.: Q1036

Continuing Calib Date: 01/09/2025 Initial Calibration Date(s): 01/06/2025 01/07/2025

Continuing Calib Time: 09:18 Initial Calibration Time(s): 19:57 03:16

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.08	5.09	4.99	5.19	0.01
Aroclor-1016-2	(2)	5.10	5.10	5.00	5.20	0.00
Aroclor-1016-3	(3)	5.28	5.28	5.18	5.38	0.00
Aroclor-1016-4	(4)	5.32	5.32	5.22	5.42	0.00
Aroclor-1016-5	(5)	5.54	5.54	5.44	5.64	0.00
Aroclor-1260-1	(1)	6.58	6.58	6.48	6.68	0.00
Aroclor-1260-2	(2)	6.77	6.77	6.67	6.87	0.00
Aroclor-1260-3	(3)	6.93	6.93	6.83	7.03	0.00
Aroclor-1260-4	(4)	7.40	7.40	7.30	7.50	0.00
Aroclor-1260-5	(5)	7.64	7.64	7.54	7.74	0.00
Tetrachloro-m-xylene		3.98	3.98	3.88	4.08	0.00
Decachlorobiphenyl		9.11	9.11	9.01	9.21	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q1036 SAS No.: Q1036 SDG NO.: Q1036

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 01/06/2025 01/06/2025

Client Sample No.: CCAL01 Date Analyzed: 01/09/2025

Lab Sample No.: AR1660CCC500 Data File : PP069028.D Time Analyzed: 09:18

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.831	5.732	5.932	497.120	500.000	-0.6
Aroclor-1016-2	5.852	5.754	5.954	501.470	500.000	0.3
Aroclor-1016-3	5.915	5.818	6.018	486.560	500.000	-2.7
Aroclor-1016-4	6.014	5.916	6.116	490.350	500.000	-1.9
Aroclor-1016-5	6.308	6.210	6.410	479.370	500.000	-4.1
Aroclor-1260-1	7.431	7.333	7.533	465.800	500.000	-6.8
Aroclor-1260-2	7.685	7.587	7.787	472.270	500.000	-5.5
Aroclor-1260-3	8.046	7.947	8.147	462.620	500.000	-7.5
Aroclor-1260-4	8.278	8.180	8.380	456.880	500.000	-8.6
Aroclor-1260-5	8.610	8.513	8.713	470.290	500.000	-5.9
Decachlorobiphenyl	10.519	10.424	10.624	45.690	50.000	-8.6
Tetrachloro-m-xylene	4.670	4.572	4.772	50.990	50.000	2.0



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CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q1036 SAS No.: Q1036 SDG NO.: Q1036

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 01/06/2025 01/06/2025

Client Sample No.: CCAL01 Date Analyzed: 01/09/2025

Lab Sample No.: AR1660CCC500 Data File : PP069028.D Time Analyzed: 09:18

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.082	4.985	5.185	515.680	500.000	3.1
Aroclor-1016-2	5.102	5.004	5.204	497.310	500.000	-0.5
Aroclor-1016-3	5.282	5.184	5.384	520.120	500.000	4.0
Aroclor-1016-4	5.322	5.224	5.424	495.360	500.000	-0.9
Aroclor-1016-5	5.540	5.442	5.642	495.730	500.000	-0.9
Aroclor-1260-1	6.582	6.484	6.684	470.540	500.000	-5.9
Aroclor-1260-2	6.769	6.672	6.872	478.210	500.000	-4.4
Aroclor-1260-3	6.925	6.828	7.028	467.480	500.000	-6.5
Aroclor-1260-4	7.399	7.302	7.502	462.660	500.000	-7.5
Aroclor-1260-5	7.638	7.541	7.741	457.010	500.000	-8.6
Decachlorobiphenyl	9.107	9.011	9.211	43.020	50.000	-14.0
Tetrachloro-m-xylene	3.982	3.883	4.083	51.370	50.000	2.7

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010925\
 Data File : PP069028.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jan 2025 09:18
 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: Jan 09 15:57:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 11:05:55 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...	4.670	3.982	70943966	50140943	50.992	51.365
2) SA Decachlor...	10.519	9.107	51008654	51677648	45.687	43.018
Target Compounds						
3) L1 AR-1016-1	5.831	5.082	22289005	17446982	497.124	515.684
4) L1 AR-1016-2	5.852	5.102	33705616	25030695	501.469	497.307
5) L1 AR-1016-3	5.915	5.282	20527448	14093669	486.565	520.124
6) L1 AR-1016-4	6.014	5.322	17154836	12206065	490.353	495.359
7) L1 AR-1016-5	6.308	5.540	16581846	14968894	479.366	495.727
31) L7 AR-1260-1	7.431	6.582	29221090	26959526	465.798	470.542
32) L7 AR-1260-2	7.685	6.769	35764881	31502995	472.267	478.210
33) L7 AR-1260-3	8.046	6.925	30348682	30097959	462.621	467.478
34) L7 AR-1260-4	8.278	7.399	30250329	25914477	456.882	462.656
35) L7 AR-1260-5	8.610	7.638	58862023	56127569	470.293	457.015

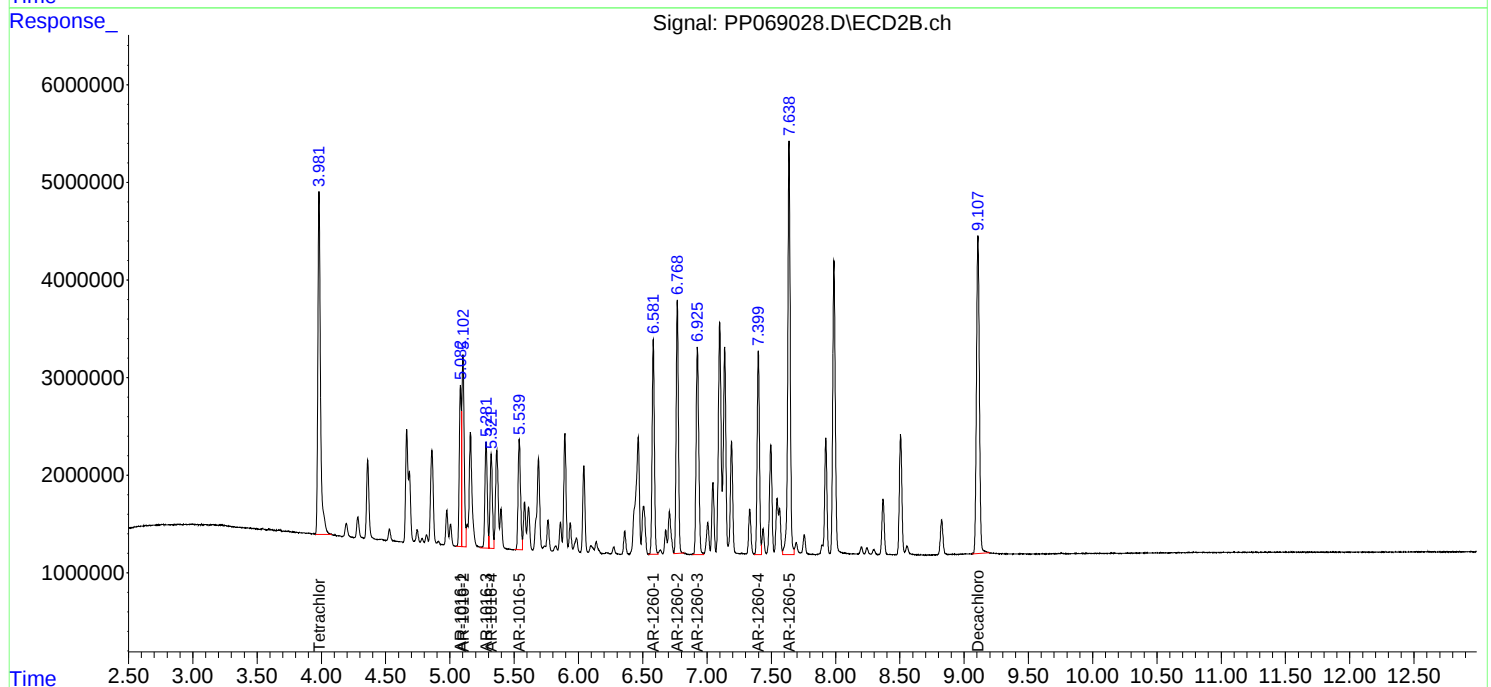
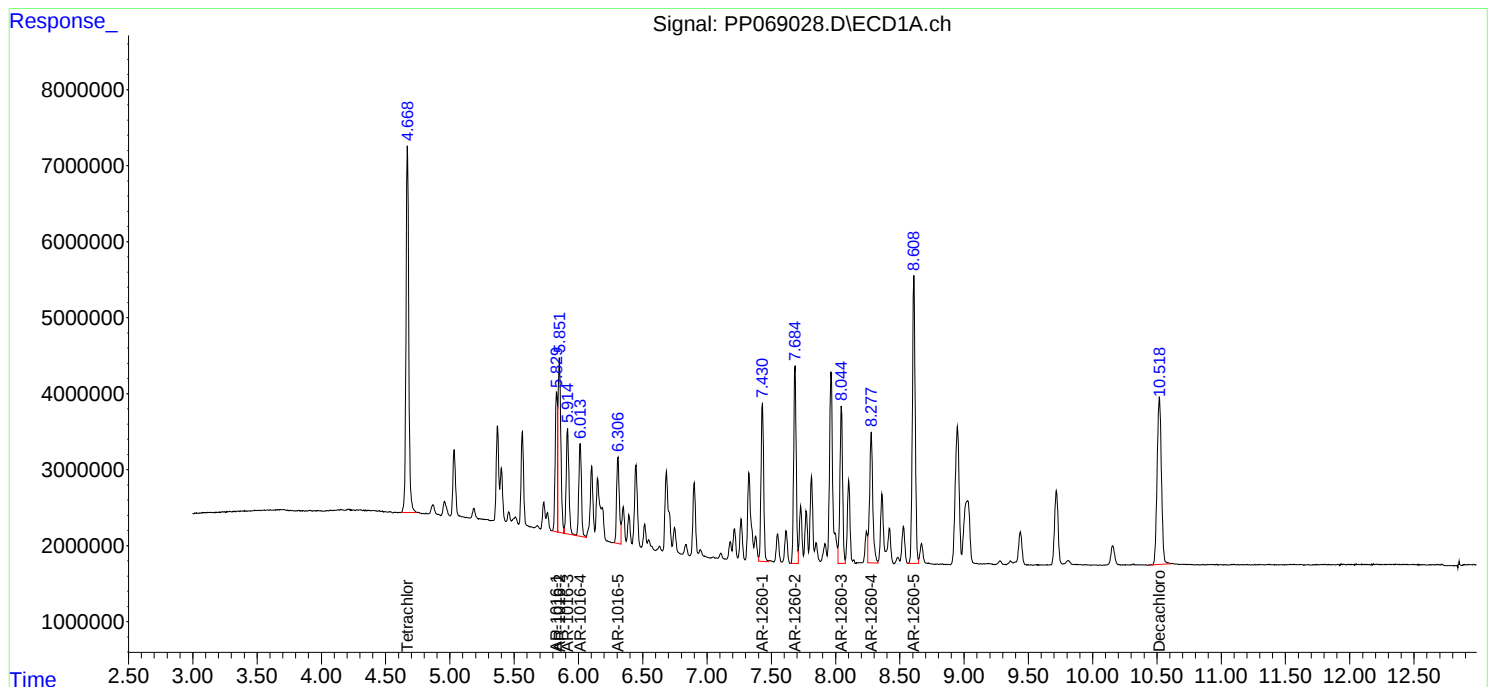
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010925\
Data File : PP069028.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jan 2025 09:18
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: Jan 09 15:57:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 11:05:55 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





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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q1036 SAS No.: Q1036 SDG NO.: Q1036

Continuing Calib Date: 01/09/2025 Initial Calibration Date(s): 01/06/2025 01/07/2025

Continuing Calib Time: 16:37 Initial Calibration Time(s): 19:57 03:16

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-2	(2)	5.85	5.85	5.75	5.95	0.00
Aroclor-1016-3	(3)	5.92	5.92	5.82	6.02	0.00
Aroclor-1016-4	(4)	6.02	6.02	5.92	6.12	0.01
Aroclor-1016-5	(5)	6.31	6.31	6.21	6.41	0.00
Aroclor-1260-1	(1)	7.43	7.43	7.33	7.53	0.00
Aroclor-1260-2	(2)	7.69	7.69	7.59	7.79	0.01
Aroclor-1260-3	(3)	8.05	8.05	7.95	8.15	0.00
Aroclor-1260-4	(4)	8.28	8.28	8.18	8.38	0.00
Aroclor-1260-5	(5)	8.61	8.61	8.51	8.71	0.00
Tetrachloro-m-xylene		4.67	4.67	4.57	4.77	0.00
Decachlorobiphenyl		10.52	10.52	10.42	10.62	0.00



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

CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q1036 SAS No.: Q1036 SDG NO.: Q1036

Continuing Calib Date: 01/09/2025 Initial Calibration Date(s): 01/06/2025 01/07/2025

Continuing Calib Time: 16:37 Initial Calibration Time(s): 19:57 03:16

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.08	5.09	4.99	5.19	0.01
Aroclor-1016-2	(2)	5.10	5.10	5.00	5.20	0.00
Aroclor-1016-3	(3)	5.28	5.28	5.18	5.38	0.00
Aroclor-1016-4	(4)	5.32	5.32	5.22	5.42	0.00
Aroclor-1016-5	(5)	5.54	5.54	5.44	5.64	0.00
Aroclor-1260-1	(1)	6.58	6.58	6.48	6.68	0.00
Aroclor-1260-2	(2)	6.77	6.77	6.67	6.87	0.00
Aroclor-1260-3	(3)	6.92	6.93	6.83	7.03	0.01
Aroclor-1260-4	(4)	7.40	7.40	7.30	7.50	0.00
Aroclor-1260-5	(5)	7.64	7.64	7.54	7.74	0.00
Tetrachloro-m-xylene		3.98	3.98	3.88	4.08	0.00
Decachlorobiphenyl		9.11	9.11	9.01	9.21	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q1036 SAS No.: Q1036 SDG NO.: Q1036

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 01/06/2025 01/06/2025

Client Sample No.: CCAL02 Date Analyzed: 01/09/2025

Lab Sample No.: AR1660CCC500 Data File : PP069042.D Time Analyzed: 16:37

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.831	5.732	5.932	474.140	500.000	-5.2
Aroclor-1016-2	5.853	5.754	5.954	480.960	500.000	-3.8
Aroclor-1016-3	5.917	5.818	6.018	463.630	500.000	-7.3
Aroclor-1016-4	6.015	5.916	6.116	462.630	500.000	-7.5
Aroclor-1016-5	6.309	6.210	6.410	466.720	500.000	-6.7
Aroclor-1260-1	7.432	7.333	7.533	457.950	500.000	-8.4
Aroclor-1260-2	7.685	7.587	7.787	473.710	500.000	-5.3
Aroclor-1260-3	8.045	7.947	8.147	458.450	500.000	-8.3
Aroclor-1260-4	8.278	8.180	8.380	449.000	500.000	-10.2
Aroclor-1260-5	8.609	8.513	8.713	463.570	500.000	-7.3
Decachlorobiphenyl	10.517	10.424	10.624	44.640	50.000	-10.7
Tetrachloro-m-xylene	4.671	4.572	4.772	49.240	50.000	-1.5



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CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q1036 SAS No.: Q1036 SDG NO.: Q1036

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 01/06/2025 01/06/2025

Client Sample No.: CCAL02 Date Analyzed: 01/09/2025

Lab Sample No.: AR1660CCC500 Data File : PP069042.D Time Analyzed: 16:37

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.081	4.985	5.185	495.440	500.000	-0.9
Aroclor-1016-2	5.101	5.004	5.204	471.120	500.000	-5.8
Aroclor-1016-3	5.281	5.184	5.384	490.340	500.000	-1.9
Aroclor-1016-4	5.321	5.224	5.424	467.500	500.000	-6.5
Aroclor-1016-5	5.539	5.442	5.642	471.800	500.000	-5.6
Aroclor-1260-1	6.580	6.484	6.684	445.290	500.000	-10.9
Aroclor-1260-2	6.767	6.672	6.872	451.630	500.000	-9.7
Aroclor-1260-3	6.924	6.828	7.028	437.520	500.000	-12.5
Aroclor-1260-4	7.398	7.302	7.502	435.010	500.000	-13.0
Aroclor-1260-5	7.637	7.541	7.741	449.030	500.000	-10.2
Decachlorobiphenyl	9.106	9.011	9.211	41.870	50.000	-16.3
Tetrachloro-m-xylene	3.981	3.883	4.083	48.210	50.000	-3.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010925\
 Data File : PP069042.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jan 2025 16:37
 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: Jan 09 16:50:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 11:05:55 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...	4.671	3.981	68511975	47064995	49.244	48.214
2) SA Decachlor...	10.517	9.106	49842943	50293797	44.643	41.866
Target Compounds						
3) L1 AR-1016-1	5.831	5.081	21258340	16762168	474.137	495.443
4) L1 AR-1016-2	5.853	5.101	32327083	23712612	480.959	471.119
5) L1 AR-1016-3	5.917	5.281	19559683	13286705	463.626	490.343
6) L1 AR-1016-4	6.015	5.321	16185008	11519475	462.632	467.495
7) L1 AR-1016-5	6.309	5.539	16144346	14246507	466.719	471.804
31) L7 AR-1260-1	7.432	6.580	28729043	25512725	457.955	445.290
32) L7 AR-1260-2	7.685	6.767	35874172	29752209	473.710	451.633
33) L7 AR-1260-3	8.045	6.924	30074873	28169456	458.447	437.525
34) L7 AR-1260-4	8.278	7.398	29728712	24365813	449.004	435.007
35) L7 AR-1260-5	8.609	7.637	58020772	55147195	463.571	449.032

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

Analytical Sequence

Client: ENTACT

SDG No.: Q1036

Project: E9306 - Northpoint - 4101 Arthur Kill Rd

Instrument ID: ECD_P

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 01/06/2025

01/06/2025

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	01/06/2025	19:41	PP068914.D	10.52	4.67
AR1660ICC1000	AR1660ICC1000	01/06/2025	19:57	PP068915.D	10.52	4.67
AR1660ICC750	AR1660ICC750	01/06/2025	20:13	PP068916.D	10.53	4.67
AR1660ICC500	AR1660ICC500	01/06/2025	20:30	PP068917.D	10.52	4.67
AR1660ICC250	AR1660ICC250	01/06/2025	20:46	PP068918.D	10.52	4.67
AR1660ICC050	AR1660ICC050	01/06/2025	21:02	PP068919.D	10.53	4.67
AR1221ICC500	AR1221ICC500	01/06/2025	21:19	PP068920.D	10.53	4.67
AR1232ICC500	AR1232ICC500	01/06/2025	21:35	PP068921.D	10.52	4.67
AR1242ICC1000	AR1242ICC1000	01/06/2025	21:51	PP068922.D	10.53	4.67
AR1242ICC750	AR1242ICC750	01/06/2025	22:07	PP068923.D	10.52	4.67
AR1242ICC500	AR1242ICC500	01/06/2025	22:24	PP068924.D	10.53	4.67
AR1242ICC250	AR1242ICC250	01/06/2025	22:40	PP068925.D	10.53	4.67
AR1242ICC050	AR1242ICC050	01/06/2025	22:56	PP068926.D	10.53	4.67
AR1248ICC1000	AR1248ICC1000	01/06/2025	23:12	PP068927.D	10.52	4.67
AR1248ICC750	AR1248ICC750	01/06/2025	23:29	PP068928.D	10.52	4.67
AR1248ICC500	AR1248ICC500	01/06/2025	23:45	PP068929.D	10.53	4.67
AR1248ICC250	AR1248ICC250	01/07/2025	00:01	PP068930.D	10.52	4.67
AR1248ICC050	AR1248ICC050	01/07/2025	00:17	PP068931.D	10.53	4.68
AR1254ICC1000	AR1254ICC1000	01/07/2025	00:34	PP068932.D	10.52	4.67
AR1254ICC750	AR1254ICC750	01/07/2025	00:50	PP068933.D	10.52	4.67
AR1254ICC500	AR1254ICC500	01/07/2025	01:06	PP068934.D	10.52	4.67
AR1254ICC250	AR1254ICC250	01/07/2025	01:22	PP068935.D	10.52	4.67
AR1254ICC050	AR1254ICC050	01/07/2025	01:39	PP068936.D	10.53	4.67
AR1262ICC500	AR1262ICC500	01/07/2025	01:55	PP068937.D	10.53	4.68
AR1268ICC1000	AR1268ICC1000	01/07/2025	02:11	PP068938.D	10.53	4.67
AR1268ICC750	AR1268ICC750	01/07/2025	02:27	PP068939.D	10.52	4.67
AR1268ICC500	AR1268ICC500	01/07/2025	02:44	PP068940.D	10.53	4.68
AR1268ICC250	AR1268ICC250	01/07/2025	03:00	PP068941.D	10.53	4.67
AR1268ICC050	AR1268ICC050	01/07/2025	03:16	PP068942.D	10.53	4.67
AR1660CCC500	AR1660CCC500	01/09/2025	09:18	PP069028.D	10.52	4.67
IBLK	IBLK	01/09/2025	10:23	PP069032.D	10.52	4.67
PB165988BL	PB165988BL	01/09/2025	13:38	PP069033.D	10.53	4.68
PB165988BS	PB165988BS	01/09/2025	13:55	PP069034.D	10.52	4.67
PB165988BSD	PB165988BSD	01/09/2025	14:11	PP069035.D	10.52	4.67
NP-WS-002	Q1036-01	01/09/2025	15:49	PP069041.D	10.52	4.67
AR1660CCC500	AR1660CCC500	01/09/2025	16:37	PP069042.D	10.52	4.67
IBLK	IBLK	01/09/2025	17:42	PP069046.D	10.52	4.67

Analytical Sequence

Client: ENTACT	SDG No.: Q1036
Project: E9306 - Northpoint - 4101 Arthur Kill Rd	Instrument ID: ECD_P
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 01/06/2025 01/06/2025

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	01/06/2025	19:41	PP068914.D	9.11	3.98
AR1660ICC1000	AR1660ICC1000	01/06/2025	19:57	PP068915.D	9.11	3.98
AR1660ICC750	AR1660ICC750	01/06/2025	20:13	PP068916.D	9.11	3.98
AR1660ICC500	AR1660ICC500	01/06/2025	20:30	PP068917.D	9.11	3.98
AR1660ICC250	AR1660ICC250	01/06/2025	20:46	PP068918.D	9.11	3.98
AR1660ICC050	AR1660ICC050	01/06/2025	21:02	PP068919.D	9.11	3.98
AR1221ICC500	AR1221ICC500	01/06/2025	21:19	PP068920.D	9.11	3.98
AR1232ICC500	AR1232ICC500	01/06/2025	21:35	PP068921.D	9.11	3.98
AR1242ICC1000	AR1242ICC1000	01/06/2025	21:51	PP068922.D	9.11	3.98
AR1242ICC750	AR1242ICC750	01/06/2025	22:07	PP068923.D	9.11	3.98
AR1242ICC500	AR1242ICC500	01/06/2025	22:24	PP068924.D	9.11	3.98
AR1242ICC250	AR1242ICC250	01/06/2025	22:40	PP068925.D	9.11	3.98
AR1242ICC050	AR1242ICC050	01/06/2025	22:56	PP068926.D	9.11	3.98
AR1248ICC1000	AR1248ICC1000	01/06/2025	23:12	PP068927.D	9.11	3.98
AR1248ICC750	AR1248ICC750	01/06/2025	23:29	PP068928.D	9.11	3.98
AR1248ICC500	AR1248ICC500	01/06/2025	23:45	PP068929.D	9.11	3.98
AR1248ICC250	AR1248ICC250	01/07/2025	00:01	PP068930.D	9.11	3.98
AR1248ICC050	AR1248ICC050	01/07/2025	00:17	PP068931.D	9.11	3.98
AR1254ICC1000	AR1254ICC1000	01/07/2025	00:34	PP068932.D	9.11	3.98
AR1254ICC750	AR1254ICC750	01/07/2025	00:50	PP068933.D	9.11	3.98
AR1254ICC500	AR1254ICC500	01/07/2025	01:06	PP068934.D	9.11	3.98
AR1254ICC250	AR1254ICC250	01/07/2025	01:22	PP068935.D	9.11	3.98
AR1254ICC050	AR1254ICC050	01/07/2025	01:39	PP068936.D	9.11	3.98
AR1262ICC500	AR1262ICC500	01/07/2025	01:55	PP068937.D	9.11	3.98
AR1268ICC1000	AR1268ICC1000	01/07/2025	02:11	PP068938.D	9.11	3.98
AR1268ICC750	AR1268ICC750	01/07/2025	02:27	PP068939.D	9.11	3.99
AR1268ICC500	AR1268ICC500	01/07/2025	02:44	PP068940.D	9.11	3.98
AR1268ICC250	AR1268ICC250	01/07/2025	03:00	PP068941.D	9.11	3.99
AR1268ICC050	AR1268ICC050	01/07/2025	03:16	PP068942.D	9.11	3.99
AR1660CCC500	AR1660CCC500	01/09/2025	09:18	PP069028.D	9.11	3.98
IBLK	IBLK	01/09/2025	10:23	PP069032.D	9.11	3.98
PB165988BL	PB165988BL	01/09/2025	13:38	PP069033.D	9.11	3.98
PB165988BS	PB165988BS	01/09/2025	13:55	PP069034.D	9.13	4.01
PB165988BSD	PB165988BSD	01/09/2025	14:11	PP069035.D	9.11	3.98
NP-WS-002	Q1036-01	01/09/2025	15:49	PP069041.D	9.11	3.98
AR1660CCC500	AR1660CCC500	01/09/2025	16:37	PP069042.D	9.11	3.98
IBLK	IBLK	01/09/2025	17:42	PP069046.D	9.11	3.98

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB165988BS

Contract: ENTA05

Lab Code: CHEM Case No.: Q1036 SAS No.: Q1036 SDG NO.: Q1036

Lab Sample ID: PB165988BS Date(s) Analyzed: 01/09/2025 01/09/2025

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 PP069034.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.829	5.779	5.879	4.69	4.60	4.44
COLUMN 1	2	5.851	5.801	5.901	4.70		
	3	5.914	5.864	5.964	4.54		
	4	6.012	5.962	6.062	4.57		
	5	6.306	6.256	6.356	4.50		
	1	5.105	5.055	5.155	4.63		
COLUMN 2	2	5.124	5.074	5.174	4.38	4.40	
	3	5.304	5.254	5.354	4.58		
	4	5.344	5.294	5.394	4.27		
	5	5.562	5.512	5.612	4.27		
Aroclor-1260	1	7.429	7.379	7.479	4.72	4.30	2.35
COLUMN 1	2	7.683	7.633	7.733	4.72		
	3	8.044	7.994	8.094	3.81		
	4	8.276	8.226	8.326	4.06		
	5	8.608	8.558	8.658	4.06		
	1	6.604	6.554	6.654	4.42		
COLUMN 2	2	6.791	6.741	6.841	4.55	4.20	
	3	6.947	6.897	6.997	4.42		
	4	7.422	7.372	7.472	3.80		
	5	7.66	7.61	7.71	3.88		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB165988BSD

Contract: ENTA05

Lab Code: CHEM

Case No.: Q1036

SAS No.: Q1036

SDG NO.: Q1036

Lab Sample ID: PB165988BSD

Date(s) Analyzed: 01/09/2025

01/09/2025

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 PP069035.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.831	5.781	5.881	4.52	4.60	2.2
COLUMN 1	2	5.853	5.803	5.903	4.90		
	3	5.916	5.866	5.966	4.62		
	4	6.014	5.964	6.064	4.66		
	5	6.308	6.258	6.358	4.51		
	1	5.083	5.033	5.133	4.68		
COLUMN 2	2	5.102	5.052	5.152	4.47	4.50	
	3	5.282	5.232	5.332	4.61		
	4	5.321	5.271	5.371	4.29		
	5	5.539	5.489	5.589	4.31		
Aroclor-1260	1	7.432	7.382	7.482	4.72	4.30	0
COLUMN 1	2	7.686	7.636	7.736	4.78		
	3	8.045	7.995	8.095	3.83		
	4	8.277	8.227	8.327	4.06		
	5	8.61	8.56	8.66	4.08		
	1	6.581	6.531	6.631	4.54		
COLUMN 2	2	6.769	6.719	6.819	4.70	4.30	
	3	6.924	6.874	6.974	4.53		
	4	7.398	7.348	7.448	3.93		
	5	7.639	7.589	7.689	4.03		



QC SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	E9306 - Northpoint - 4101 Arthur Kill Rd	Date Received:	
Client Sample ID:	PB165988BL	SDG No.:	Q1036
Lab Sample ID:	PB165988BL	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069033.D	1	01/09/25 08:20	01/09/25 13:38	PB165988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.2		30 (10) - 150 (157)	101%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.1		30 (10) - 150 (173)	100%	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\PP010925\
Data File : PP069033.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jan 2025 13:38
Operator : YP\AJ
Sample : PB165988BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB165988BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 09 16:00:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 11:05:55 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

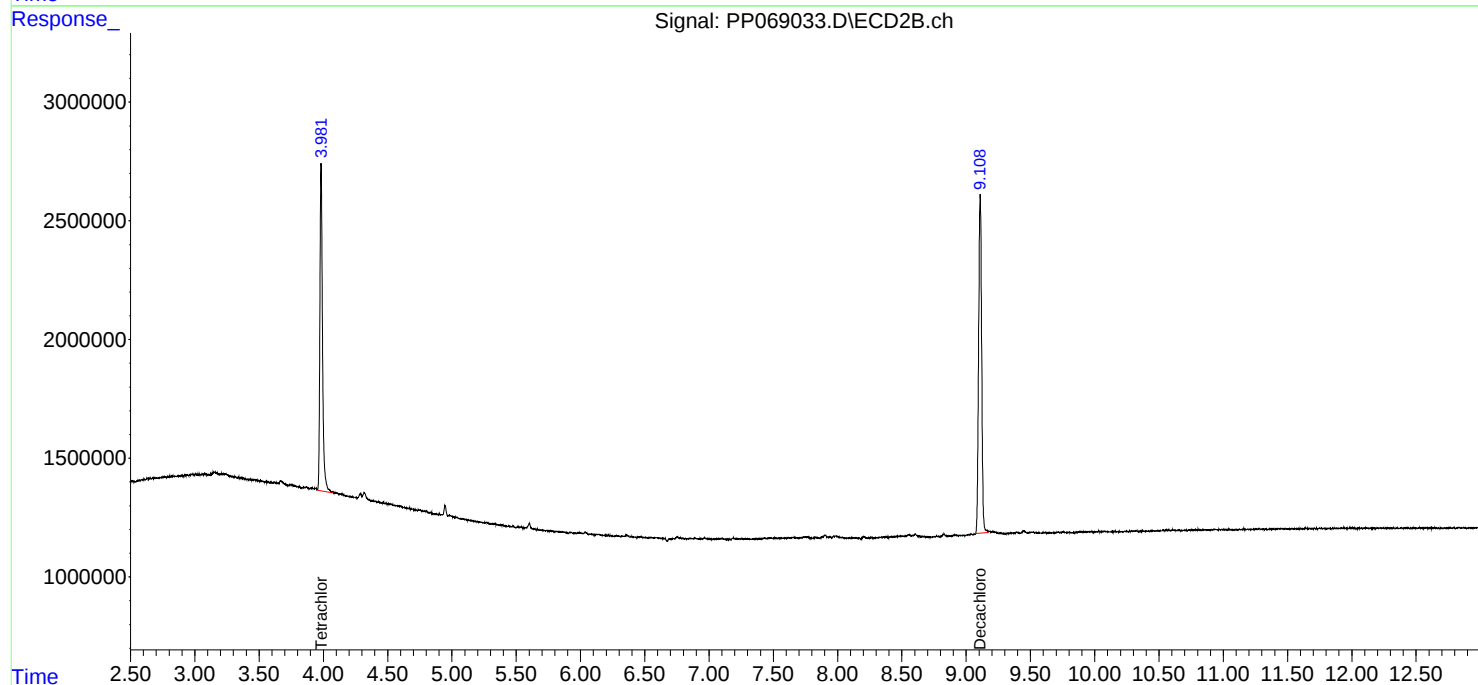
System Monitoring Compounds						
1) SA Tetrachlo...	4.675	3.982	28096501	19473718	20.195	19.949
2) SA Decachlor...	10.528	9.109	22431691	23388548	20.092	19.469

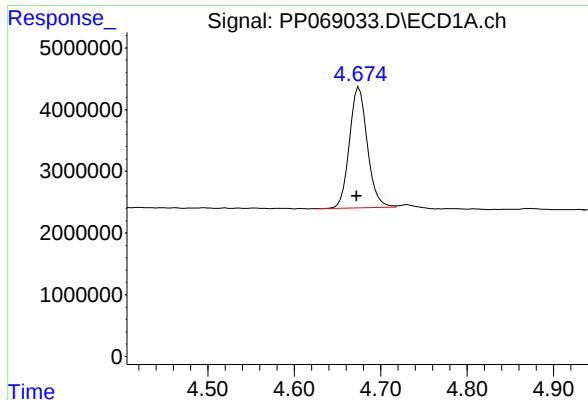
Target Compounds

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

Instrument :
ECD_P
ClientSampleId :
PB165988BL

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

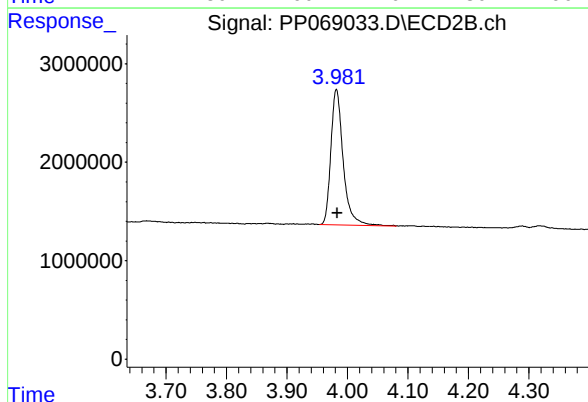




#1 Tetrachloro-m-xylene

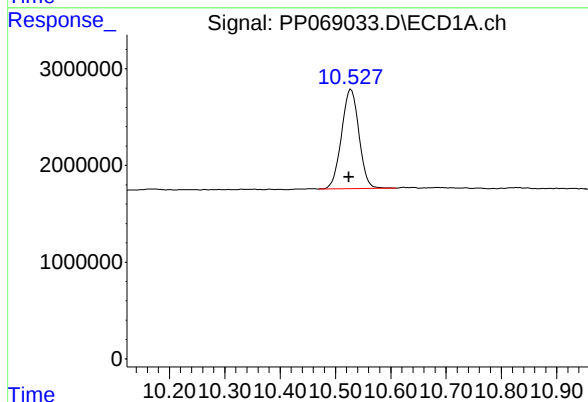
R.T.: 4.675 min
Delta R.T.: 0.003 min
Response: 28096501
Conc: 20.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB165988BL



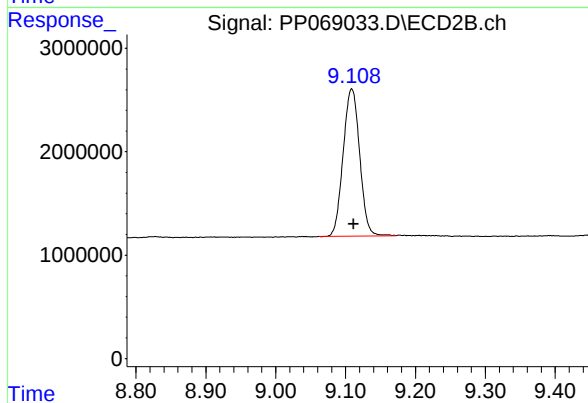
#1 Tetrachloro-m-xylene

R.T.: 3.982 min
Delta R.T.: -0.001 min
Response: 19473718
Conc: 19.95 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.528 min
Delta R.T.: 0.004 min
Response: 22431691
Conc: 20.09 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.109 min
Delta R.T.: -0.003 min
Response: 23388548
Conc: 19.47 ng/ml

Report of Analysis

Client:	ENTACT	Date Collected:	01/06/25
Project:	E9306 - Northpoint - 4101 Arthur Kill Rd	Date Received:	01/06/25
Client Sample ID:	PIBLK-PP068914.D	SDG No.:	Q1036
Lab Sample ID:	I.BLK-PP068914.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP068914.D	1		01/06/25	PP010625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.8		30 (10) - 150 (157)	109%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.6		30 (10) - 150 (173)	118%	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\PP010625\
 Data File : PP068914.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jan 2025 19:41
 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: Jan 07 06:09:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 06:08:12 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...	4.671	3.981	29835646	21313219	21.445	21.834
2) SA Decachlor...	10.522	9.111	26326285	27562017	23.580	22.943

Target Compounds

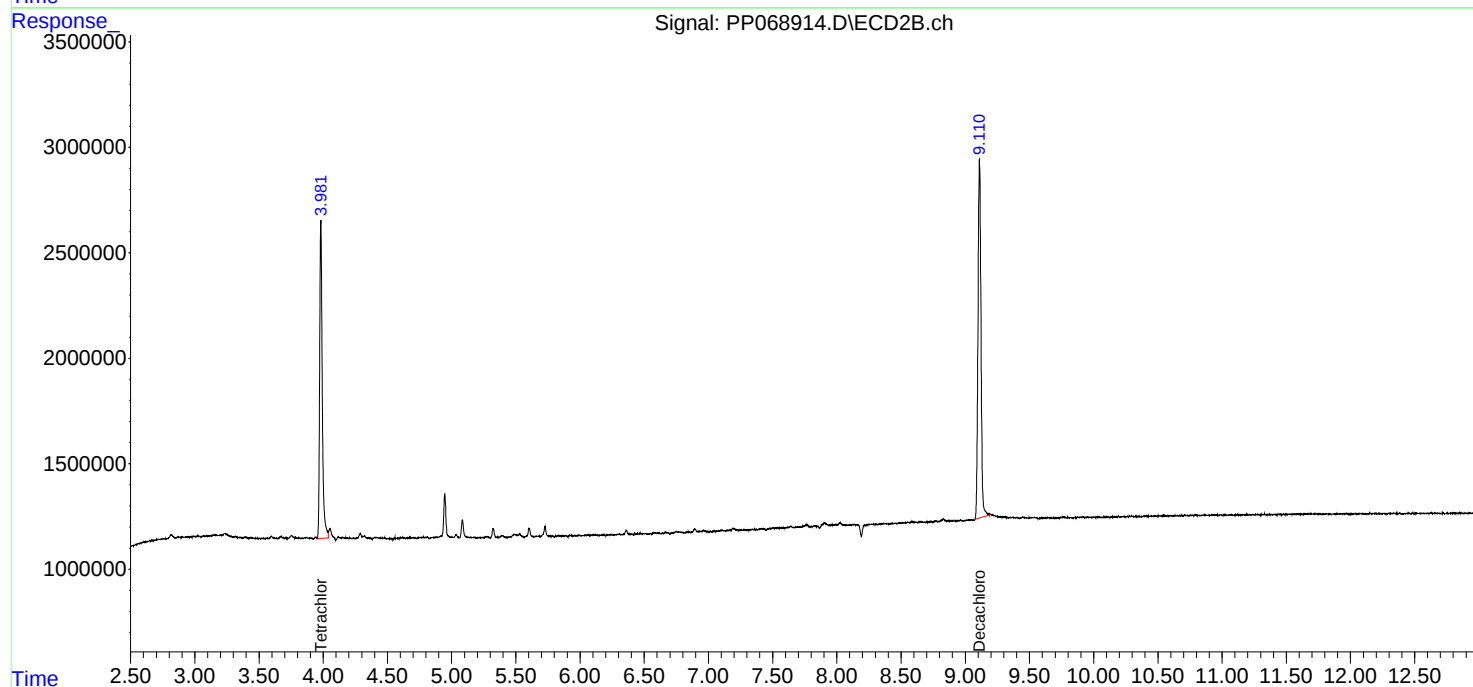
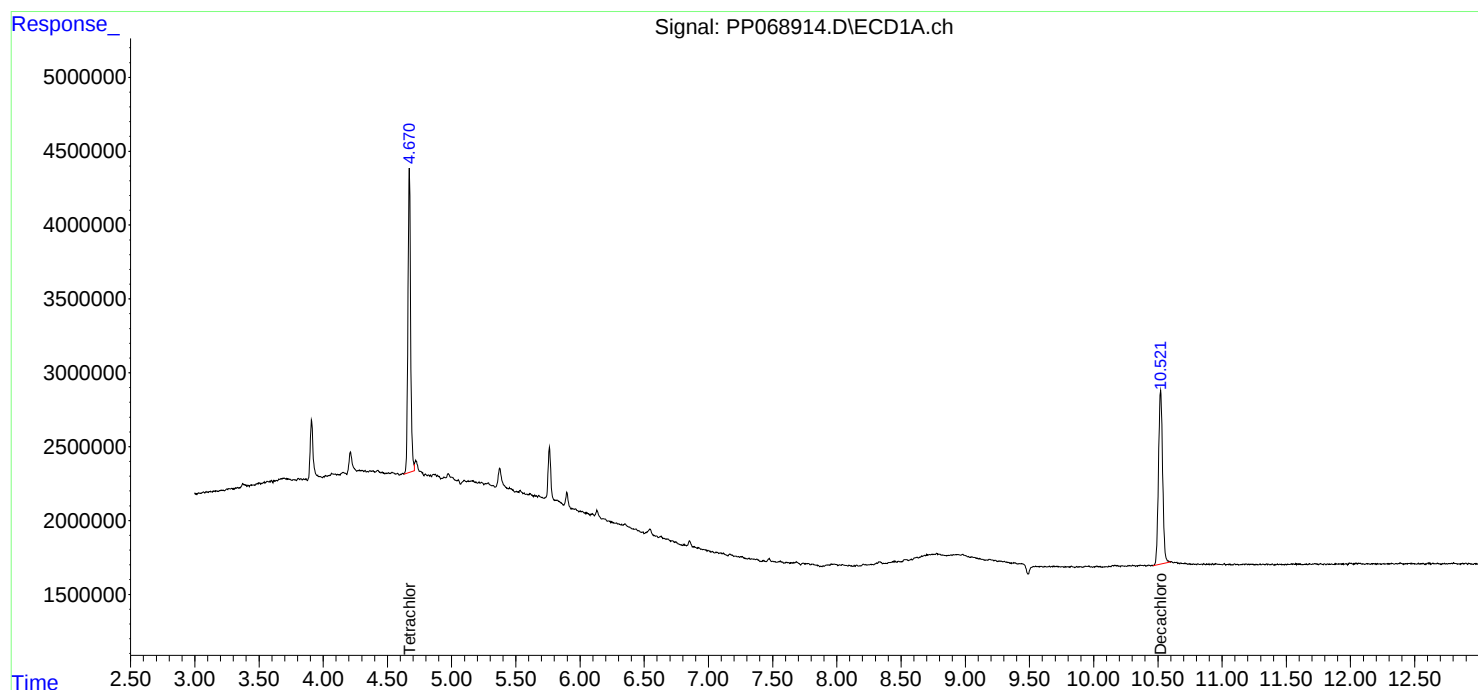
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

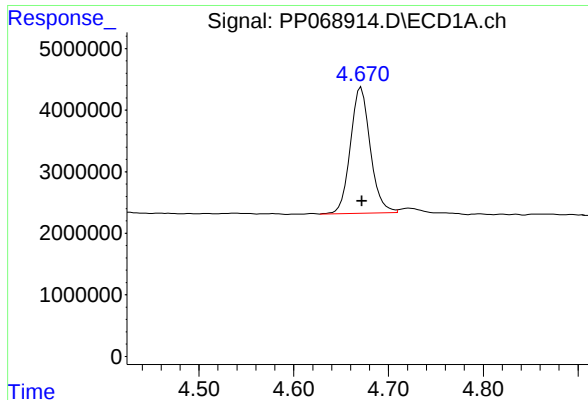
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010625\
Data File : PP068914.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jan 2025 19:41
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 07 06:09:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 06:08:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

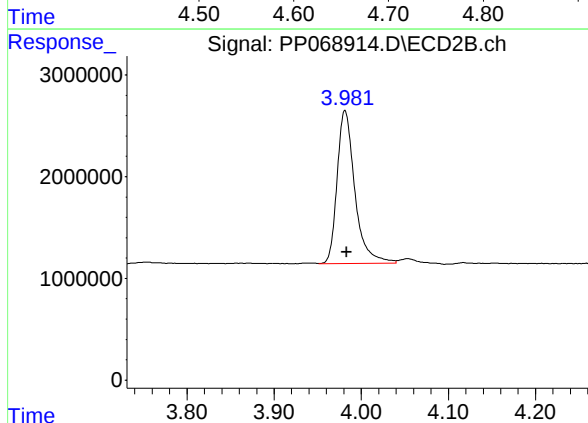




#1 Tetrachloro-m-xylene

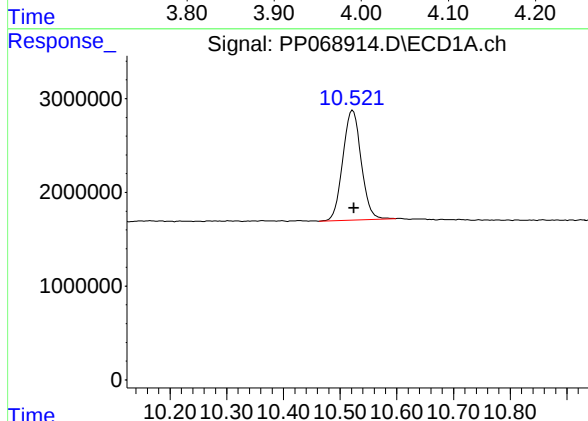
R.T.: 4.671 min
Delta R.T.: 0.000 min
Response: 29835646
Conc: 21.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



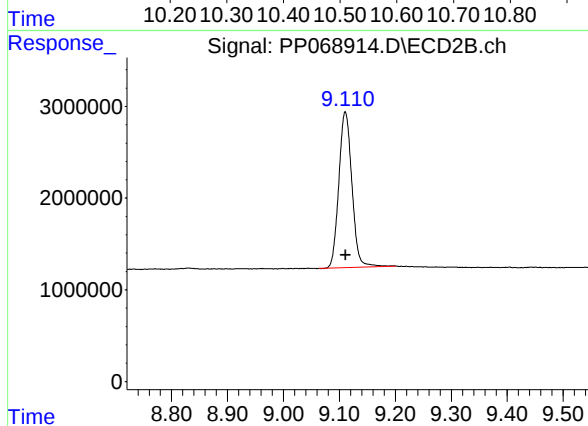
#1 Tetrachloro-m-xylene

R.T.: 3.981 min
Delta R.T.: -0.002 min
Response: 21313219
Conc: 21.83 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.522 min
Delta R.T.: -0.002 min
Response: 26326285
Conc: 23.58 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.111 min
Delta R.T.: 0.000 min
Response: 27562017
Conc: 22.94 ng/ml

Report of Analysis

Client:	ENTACT	Date Collected:	01/09/25
Project:	E9306 - Northpoint - 4101 Arthur Kill Rd	Date Received:	01/09/25
Client Sample ID:	PIBLK-PP069032.D	SDG No.:	Q1036
Lab Sample ID:	I.BLK-PP069032.D	Matrix:	WATER
Analytical Method:	SW8082A	% 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
PP069032.D	1		01/09/25	PP010925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.2		70 (60) - 130 (140)	106%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.8		70 (60) - 130 (140)	104%	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\PP010925\
 Data File : PP069032.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jan 2025 10:23
 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: Jan 09 15:59:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 11:05:55 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...	4.669	3.981	30019202	20720894	21.577	21.227
2) SA Decachlor...	10.517	9.106	23689768	25027793	21.218	20.834

Target Compounds

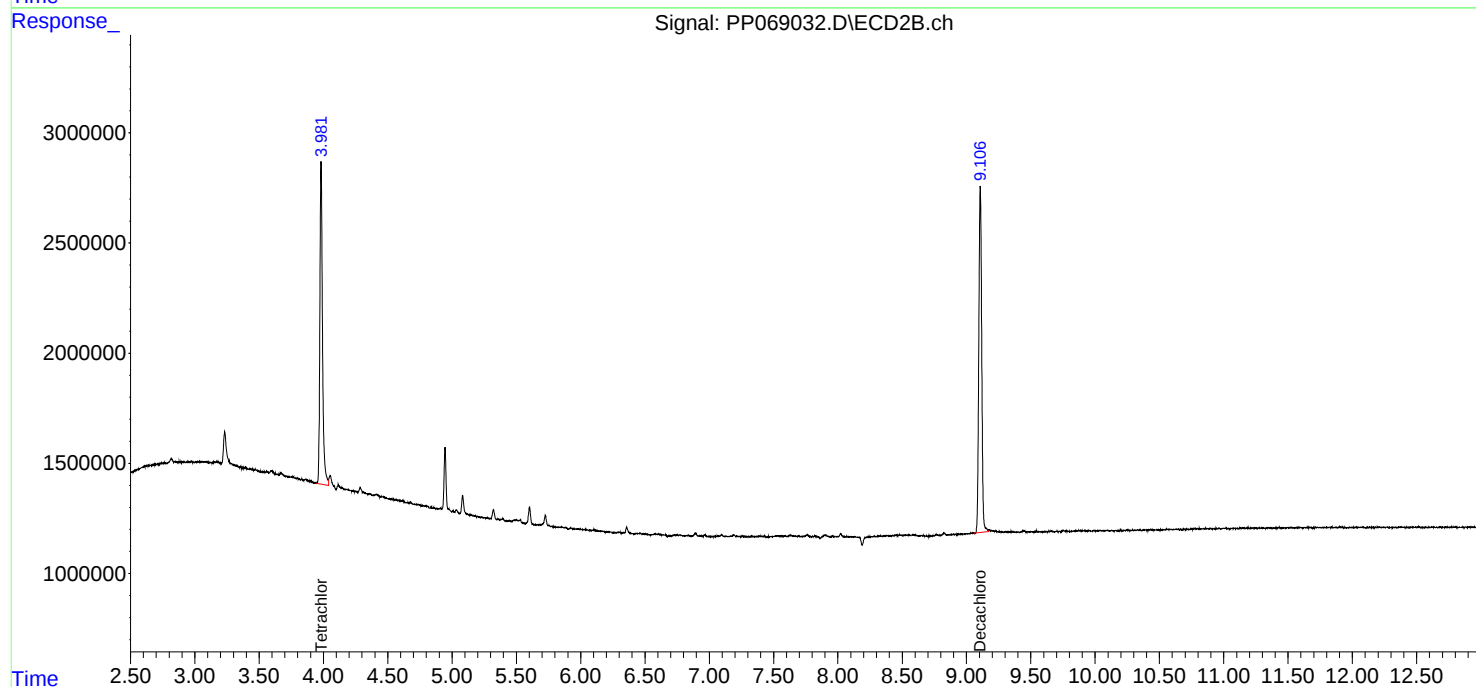
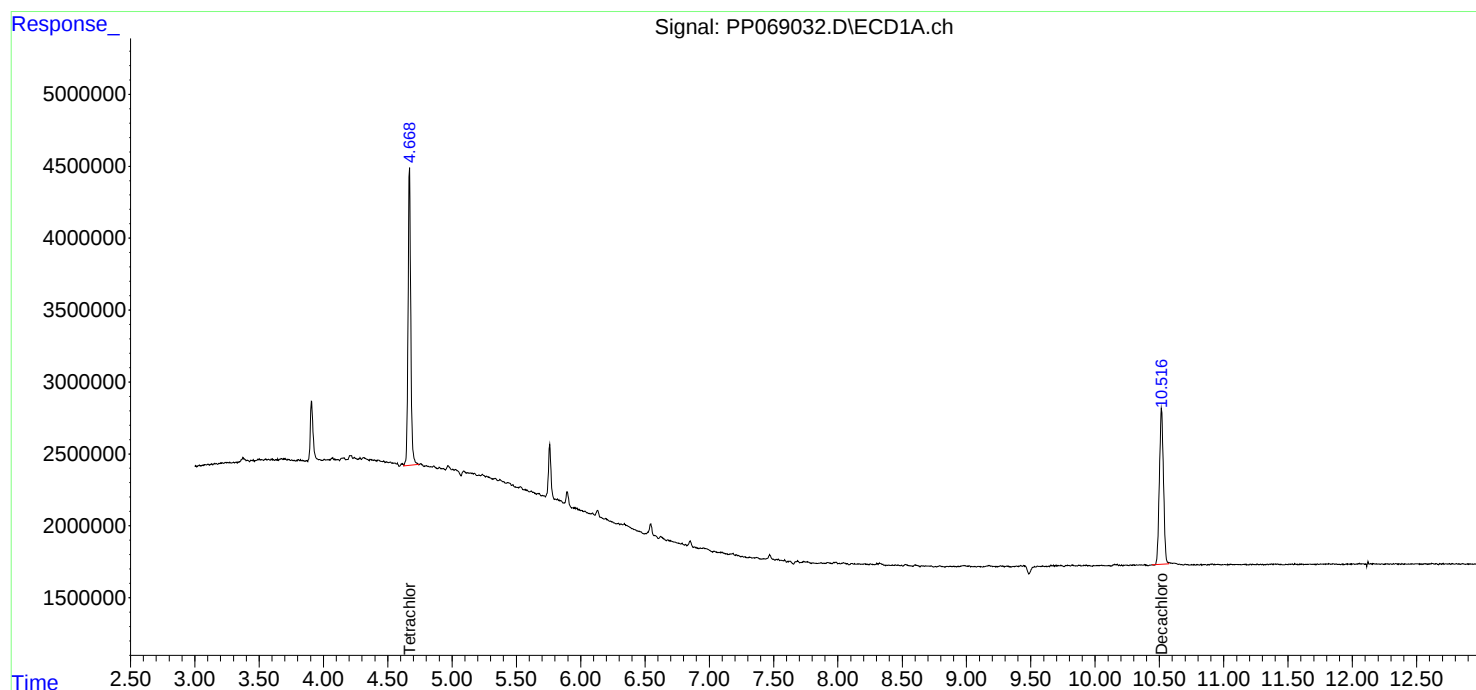
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

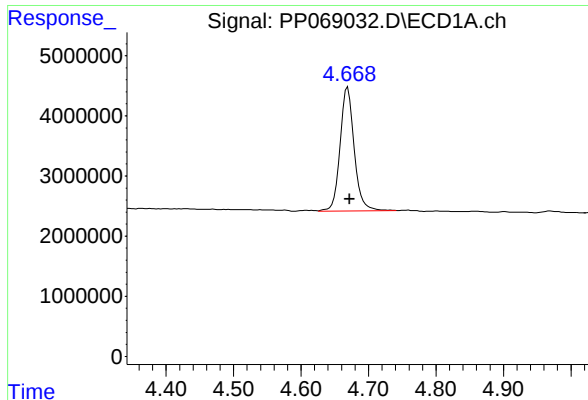
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010925\
Data File : PP069032.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jan 2025 10:23
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 09 15:59:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 11:05:55 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

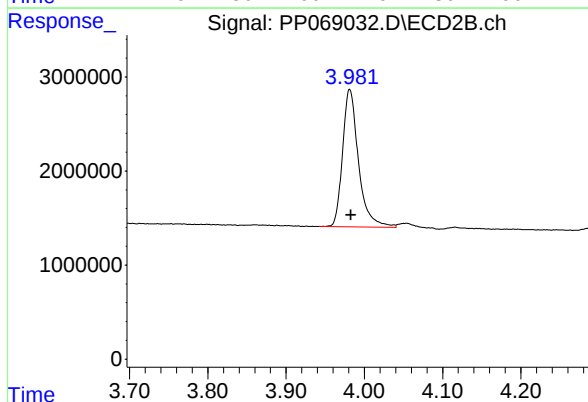




#1 Tetrachloro-m-xylene

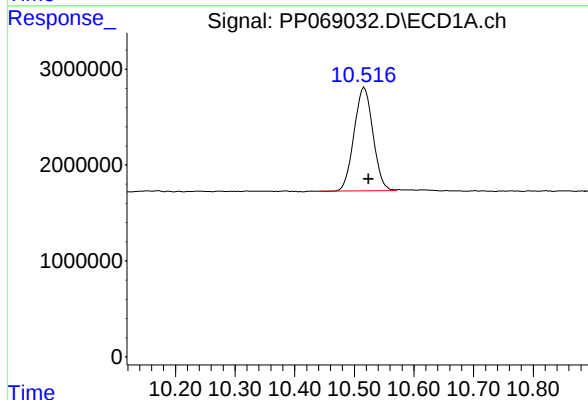
R.T.: 4.669 min
Delta R.T.: -0.003 min
Response: 30019202
Conc: 21.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



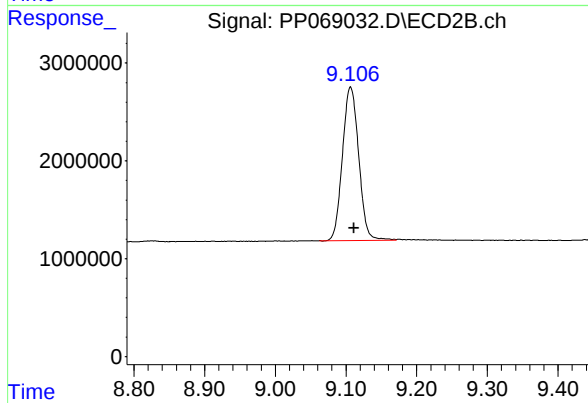
#1 Tetrachloro-m-xylene

R.T.: 3.981 min
Delta R.T.: -0.002 min
Response: 20720894
Conc: 21.23 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.517 min
Delta R.T.: -0.007 min
Response: 23689768
Conc: 21.22 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.106 min
Delta R.T.: -0.005 min
Response: 25027793
Conc: 20.83 ng/ml

Report of Analysis

Client:	ENTACT		Date Collected:	01/09/25	
Project:	E9306 - Northpoint - 4101 Arthur Kill Rd		Date Received:	01/09/25	
Client Sample ID:	PIBLK-PP069046.D		SDG No.:	Q1036	
Lab Sample ID:	I.BLK-PP069046.D		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069046.D	1		01/09/25	PP010925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.8		70 (60) - 130 (140)	104%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.4		70 (60) - 130 (140)	107%	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\PP010925\
Data File : PP069046.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jan 2025 17:42
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: Jan 09 18:09:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 11:05:55 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...	4.669	3.980	29677794	20315357	21.331	20.811
2) SA Decachlor...	10.517	9.106	23858871	25927336	21.370	21.583

Target Compounds

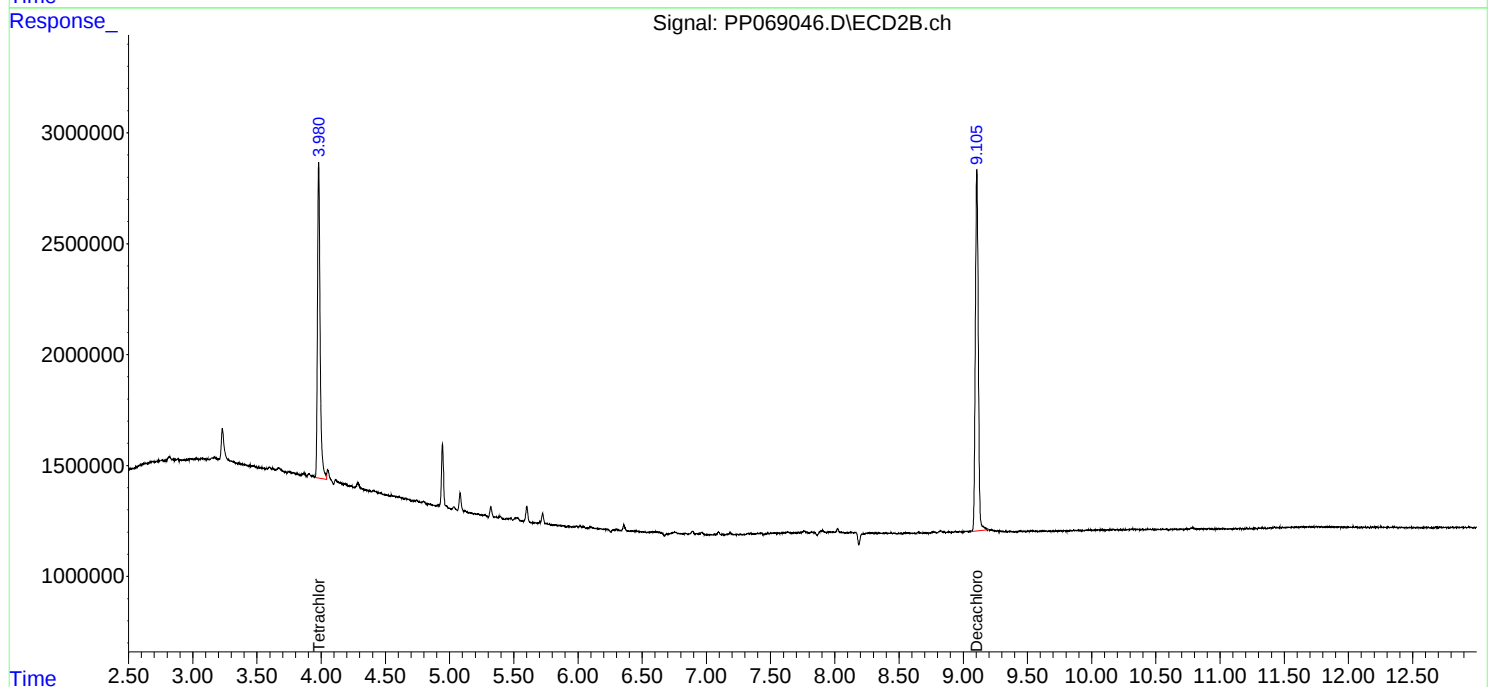
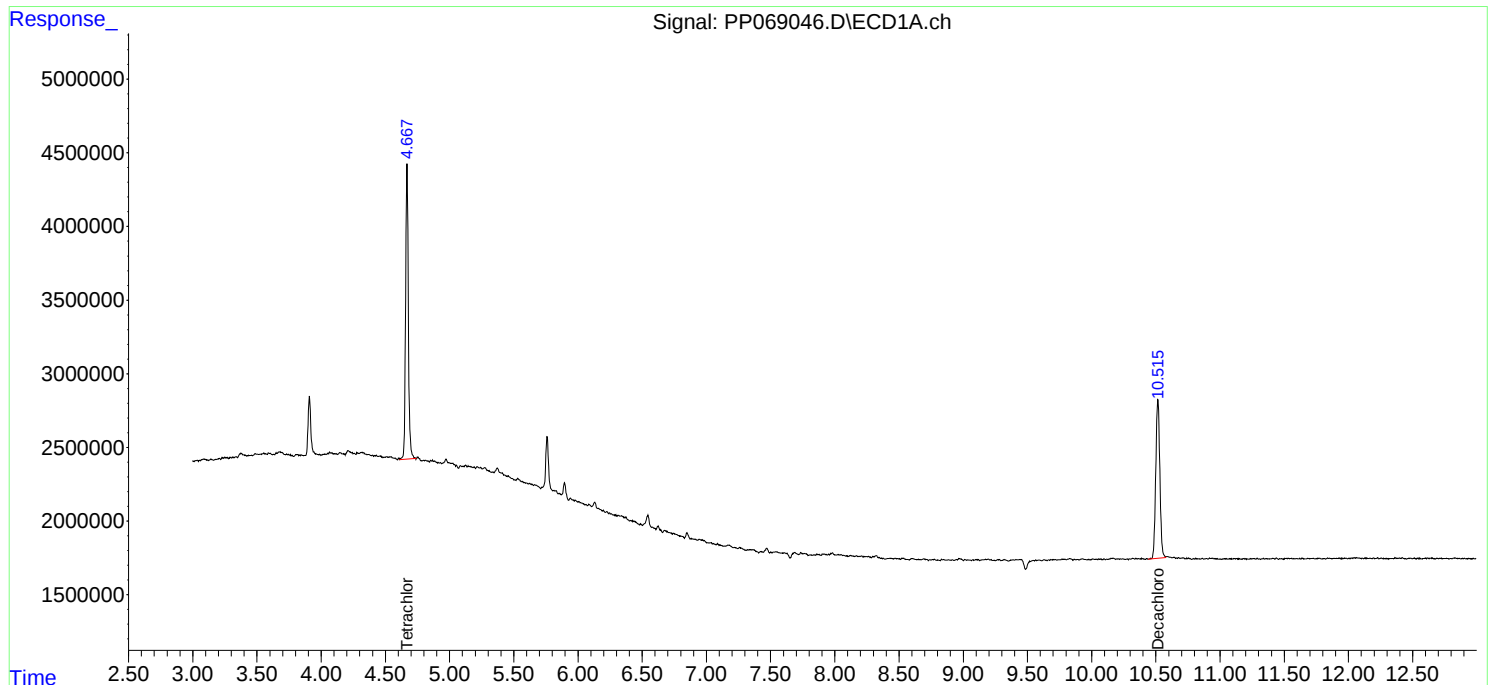
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

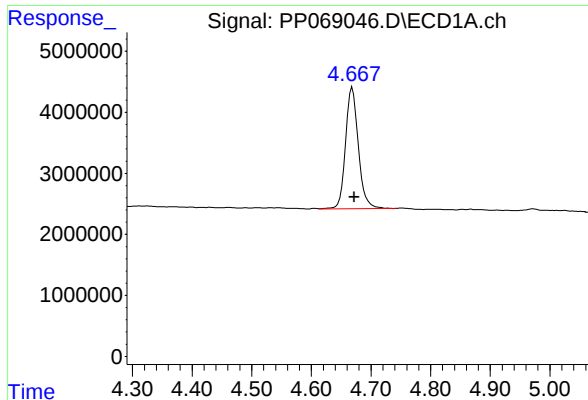
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010925\
Data File : PP069046.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jan 2025 17:42
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 09 18:09:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 11:05:55 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

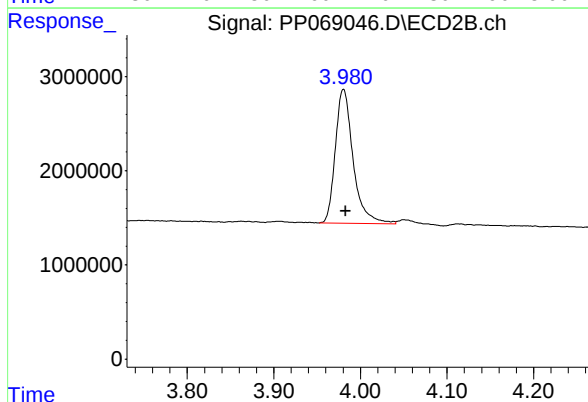




#1 Tetrachloro-m-xylene

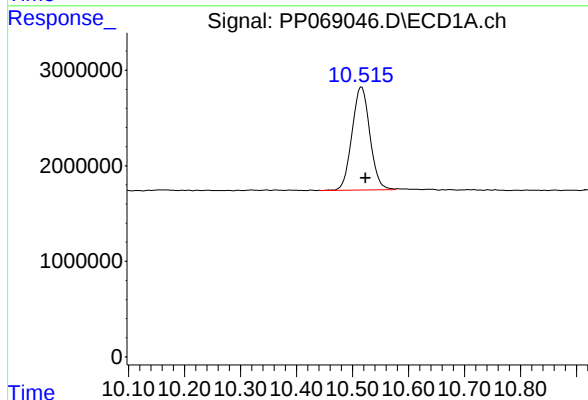
R.T.: 4.669 min
Delta R.T.: -0.003 min
Response: 29677794
Conc: 21.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



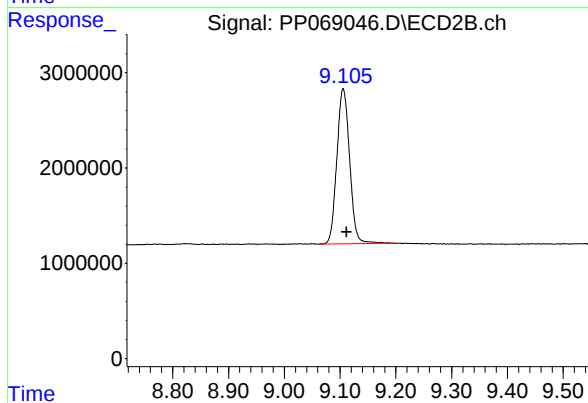
#1 Tetrachloro-m-xylene

R.T.: 3.980 min
Delta R.T.: -0.003 min
Response: 20315357
Conc: 20.81 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.517 min
Delta R.T.: -0.007 min
Response: 23858871
Conc: 21.37 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.106 min
Delta R.T.: -0.006 min
Response: 25927336
Conc: 21.58 ng/ml

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	E9306 - Northpoint - 4101 Arthur Kill Rd	Date Received:	
Client Sample ID:	PB165988BS	SDG No.:	Q1036
Lab Sample ID:	PB165988BS	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069034.D	1	01/09/25 08:20	01/09/25 13:55	PB165988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	4.60		0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
11096-82-5	Aroclor-1260	4.30		0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.3		30 (10) - 150 (157)	106%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.8		30 (10) - 150 (173)	104%	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\PP010925\
 Data File : PP069034.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jan 2025 13:55
 Operator : YP\AJ
 Sample : PB165988BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PB165988BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/10/2025
 Supervised By :Ankita Jodhani 01/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 09 16:00:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 11:05:55 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...	4.668	4.005	29576294	19923200	21.258	20.410
2) SA Decachlor...	10.519	9.130	23222455	23081288	20.800	19.213
Target Compounds						
3) L1 AR-1016-1	5.829	5.105	21017039	15662460	468.755	462.938
4) L1 AR-1016-2	5.851	5.124	31580644	22022580	469.854	437.542m
5) L1 AR-1016-3	5.914	5.304	19165493	12403833	454.282	457.761
6) L1 AR-1016-4	6.012	5.344	15999863	10509487	457.339	426.507m
7) L1 AR-1016-5	6.306	5.562	15569242	12895216	450.093	427.053
31) L7 AR-1260-1	7.429	6.604	29626499	25347521	472.261	442.407
32) L7 AR-1260-2	7.683	6.791	35743537	29960046	471.985	454.788m
33) L7 AR-1260-3	8.044	6.947	25001913	28441727	381.118	441.754
34) L7 AR-1260-4	8.276	7.422	26891466	21285795	406.152	380.019
35) L7 AR-1260-5	8.608	7.660	50772243	47619554	405.657	387.739

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010925\
Data File : PP069034.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jan 2025 13:55
Operator : YP\AJ
Sample : PB165988BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

PB165988BS

Manual Integrations

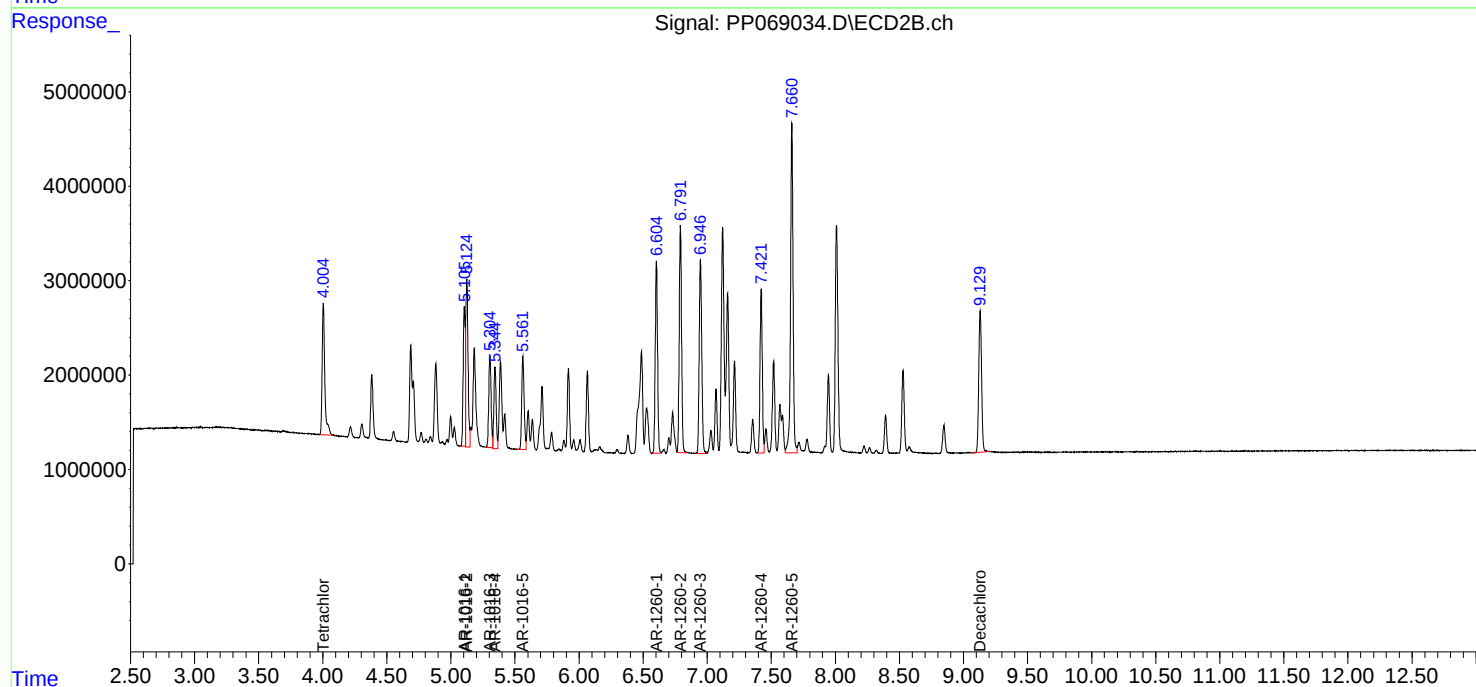
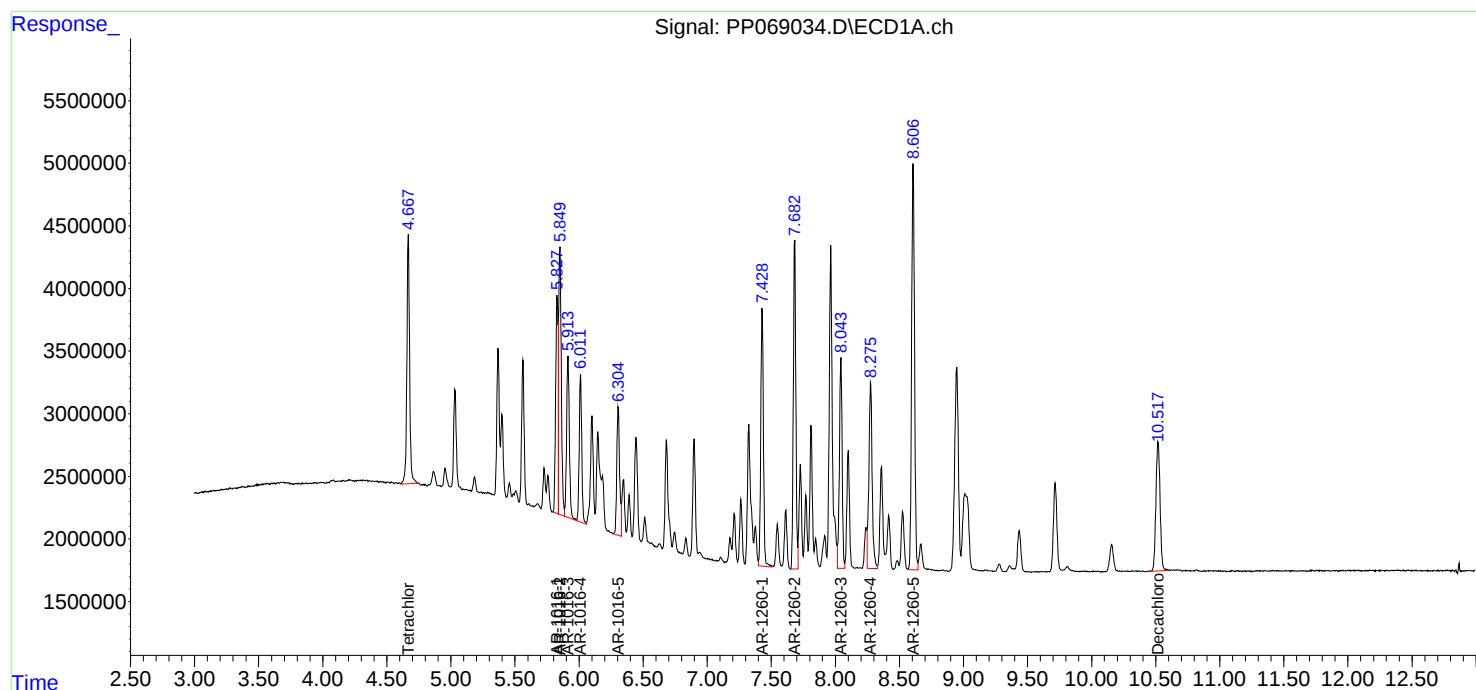
APPROVED

Reviewed By :Yogesh Patel 01/10/2025

Supervised By :Ankita Jodhani 01/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 09 16:00:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 11:05:55 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



Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	E9306 - Northpoint - 4101 Arthur Kill Rd	Date Received:	
Client Sample ID:	PB165988BSD	SDG No.:	Q1036
Lab Sample ID:	PB165988BSD	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069035.D	1	01/09/25 08:20	01/09/25 14:11	PB165988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	4.60		0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
11096-82-5	Aroclor-1260	4.30		0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.3		30 (10) - 150 (157)	106%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.7		30 (10) - 150 (173)	104%	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\PP010925\
 Data File : PP069035.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jan 2025 14:11
 Operator : YP\AJ
 Sample : PB165988BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PB165988BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/10/2025
 Supervised By :Ankita Jodhani 01/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 09 16:01:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 07 11:05:55 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...	4.670	3.982	29634040	20429640	21.300	20.928
2) SA Decachlor...	10.519	9.107	23156254	24301372	20.741	20.229
Target Compounds						
3) L1 AR-1016-1	5.831	5.083	20250563	15819155	451.660	467.570
4) L1 AR-1016-2	5.853	5.102	32913424	22523060	489.683	447.485
5) L1 AR-1016-3	5.916	5.282	19488100	12490607	461.929	460.964
6) L1 AR-1016-4	6.014	5.321	16290987	10573283	465.661	429.096
7) L1 AR-1016-5	6.308	5.539	15611673	13012850	451.319	430.949
31) L7 AR-1260-1	7.432	6.581	29614252	25997671	472.065	453.754
32) L7 AR-1260-2	7.686	6.769	36160922	30955306	477.497	469.896
33) L7 AR-1260-3	8.045	6.924	25156482	29163213	383.474	452.960
34) L7 AR-1260-4	8.277	7.398	26909232	22026514	406.420m	393.243
35) L7 AR-1260-5	8.610	7.639	51038744	49469723	407.787	402.804

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010925\
Data File : PP069035.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jan 2025 14:11
Operator : YP\AJ
Sample : PB165988BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

PB165988BSD

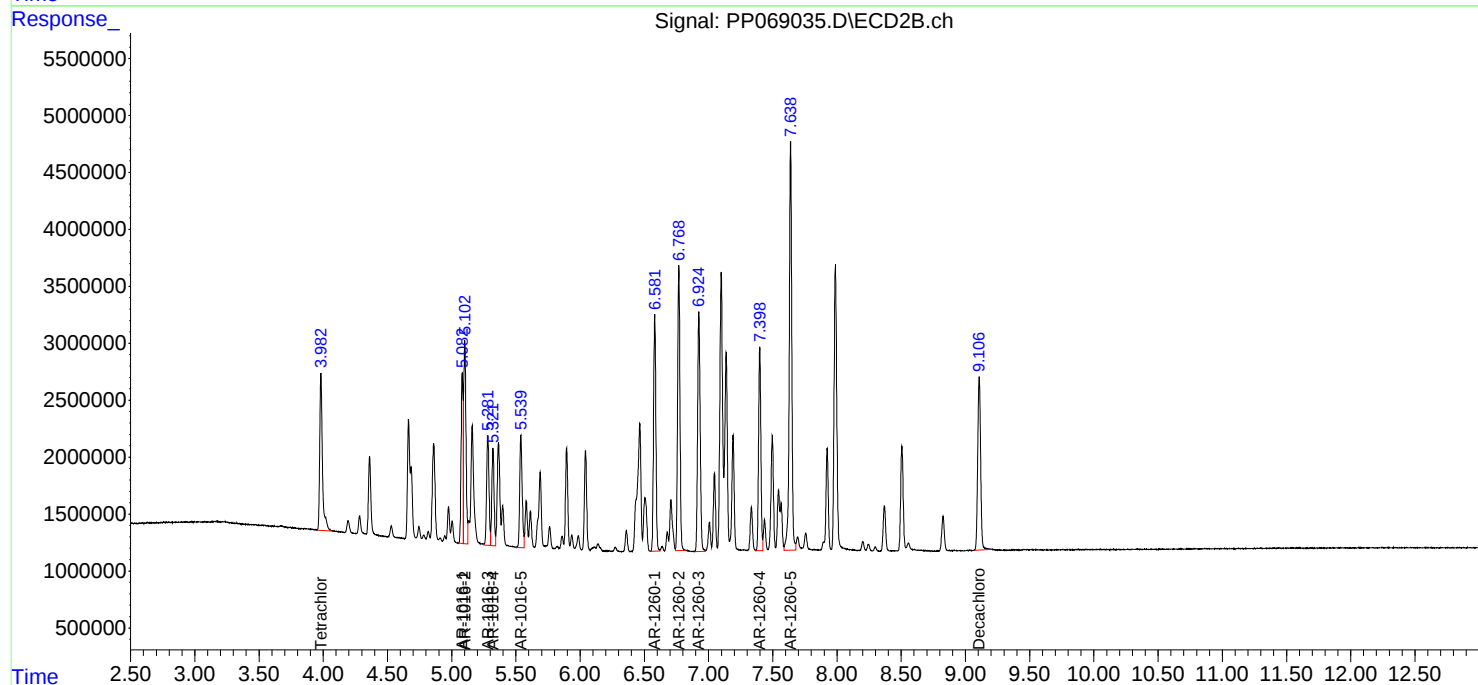
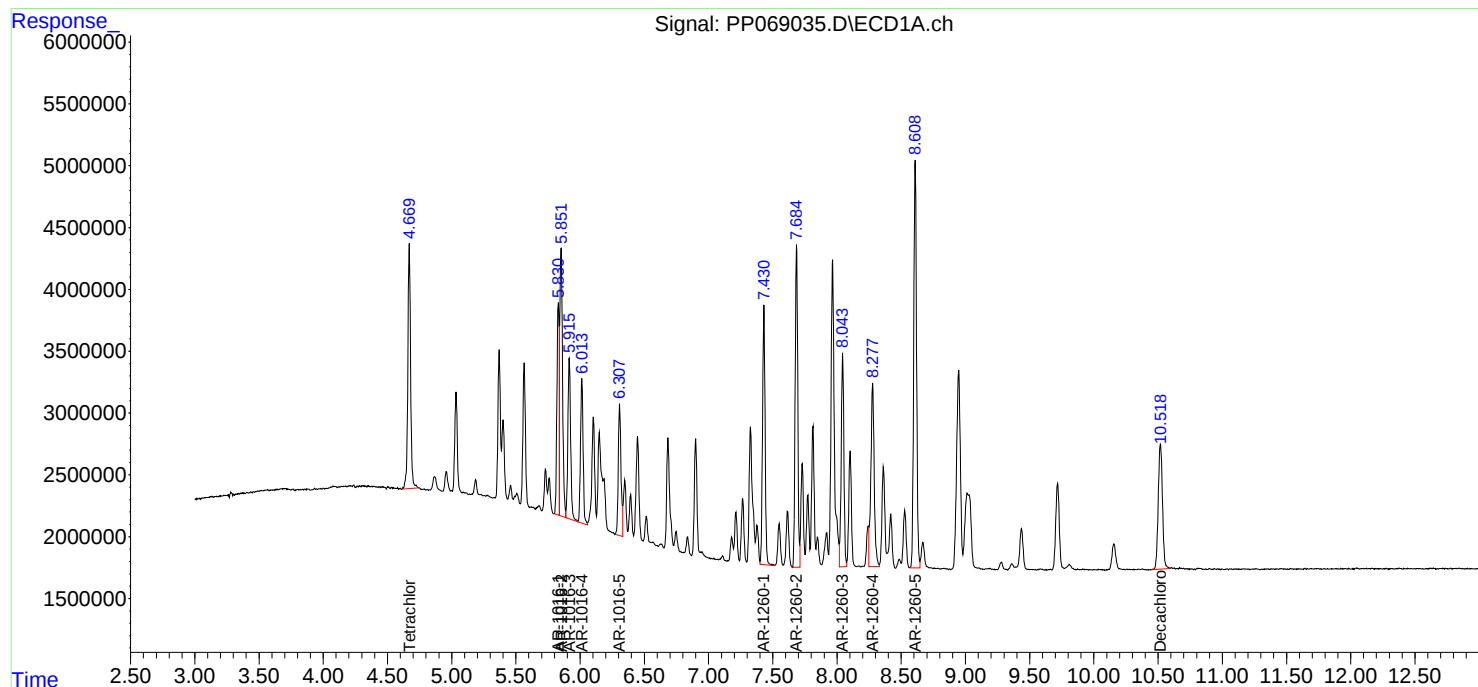
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/10/2025
Supervised By :Ankita Jodhani 01/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 09 16:01:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010625.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 07 11:05:55 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:

PP010625

Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PP068919.D	AR-1016-1	yogesh	1/7/2025 7:49:16 AM	Ankita	1/7/2025 10:28:17	Peak Integrated by Software
AR1660ICC050	PP068919.D	AR-1016-2	yogesh	1/7/2025 7:49:16 AM	Ankita	1/7/2025 10:28:17	Peak Integrated by Software
AR1254ICC1000	PP068932.D	AR-1254-1	yogesh	1/7/2025 7:49:22 AM	Ankita	1/7/2025 10:28:23	Peak Integrated by Software
AR1254ICC1000	PP068932.D	AR-1254-5	yogesh	1/7/2025 7:49:22 AM	Ankita	1/7/2025 10:28:23	Peak Integrated by Software
AR1254ICC750	PP068933.D	AR-1254-1	yogesh	1/7/2025 7:49:24 AM	Ankita	1/7/2025 10:28:24	Peak Integrated by Software
AR1254ICC750	PP068933.D	AR-1254-5	yogesh	1/7/2025 7:49:24 AM	Ankita	1/7/2025 10:28:24	Peak Integrated by Software
AR1254ICC500	PP068934.D	AR-1254-1	yogesh	1/7/2025 7:49:26 AM	Ankita	1/7/2025 10:28:26	Peak Integrated by Software
AR1254ICC500	PP068934.D	AR-1254-5	yogesh	1/7/2025 7:49:26 AM	Ankita	1/7/2025 10:28:26	Peak Integrated by Software
AR1254ICC250	PP068935.D	AR-1254-1	yogesh	1/7/2025 7:49:27 AM	Ankita	1/7/2025 10:28:27	Peak Integrated by Software
AR1254ICC250	PP068935.D	AR-1254-5	yogesh	1/7/2025 7:49:27 AM	Ankita	1/7/2025 10:28:27	Peak Integrated by Software
AR1254ICC050	PP068936.D	AR-1254-1	yogesh	1/7/2025 7:49:29 AM	Ankita	1/7/2025 10:28:29	Peak Integrated by Software
AR1254ICC050	PP068936.D	AR-1254-5	yogesh	1/7/2025 7:49:29 AM	Ankita	1/7/2025 10:28:29	Peak Integrated by Software
AR1262ICC500	PP068937.D	AR-1262-3	yogesh	1/7/2025 7:49:31 AM	Ankita	1/7/2025 10:28:31	Peak Integrated by Software

Manual Integration Report

Sequence:	PP010625	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1268ICC1000	PP068938.D	AR-1268-1	yogesh	1/7/2025 7:49:33 AM	Ankita	1/7/2025 10:28:32	Peak Integrated by Software
AR1268ICC1000	PP068938.D	AR-1268-1 #2	yogesh	1/7/2025 7:49:33 AM	Ankita	1/7/2025 10:28:32	Peak Integrated by Software
AR1268ICC750	PP068939.D	AR-1268-1	yogesh	1/7/2025 7:49:34 AM	Ankita	1/7/2025 10:28:34	Peak Integrated by Software
AR1268ICC750	PP068939.D	AR-1268-1 #2	yogesh	1/7/2025 7:49:34 AM	Ankita	1/7/2025 10:28:34	Peak Integrated by Software
AR1268ICC500	PP068940.D	AR-1268-1	yogesh	1/7/2025 7:49:36 AM	Ankita	1/7/2025 10:28:36	Peak Integrated by Software
AR1268ICC500	PP068940.D	AR-1268-1 #2	yogesh	1/7/2025 7:49:36 AM	Ankita	1/7/2025 10:28:36	Peak Integrated by Software
AR1268ICC250	PP068941.D	AR-1268-1	yogesh	1/7/2025 7:49:38 AM	Ankita	1/7/2025 10:28:37	Peak Integrated by Software
AR1268ICC250	PP068941.D	AR-1268-1 #2	yogesh	1/7/2025 7:49:38 AM	Ankita	1/7/2025 10:28:37	Peak Integrated by Software
AR1268ICC050	PP068942.D	AR-1268-1	yogesh	1/7/2025 7:49:40 AM	Ankita	1/7/2025 10:28:40	Peak Integrated by Software
AR1268ICC050	PP068942.D	AR-1268-1 #2	yogesh	1/7/2025 7:49:40 AM	Ankita	1/7/2025 10:28:40	Peak Integrated by Software
AR1254ICV500	PP068946.D	AR-1254-1	yogesh	1/7/2025 7:49:41 AM	Ankita	1/7/2025 10:28:57	Peak Integrated by Software
AR1254ICV500	PP068946.D	AR-1254-5	yogesh	1/7/2025 7:49:41 AM	Ankita	1/7/2025 10:28:57	Peak Integrated by Software
AR1268ICV500	PP068947.D	AR-1268-1	yogesh	1/7/2025 7:49:43 AM	Ankita	1/7/2025 10:28:59	Peak Integrated by Software



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

Manual Integration Report

Sequence:

PP010625

Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1268ICV500	PP068947.D	AR-1268-1 #2	yogesh	1/7/2025 7:49:43 AM	Ankita	1/7/2025 10:28:59	Peak Integrated by Software

Manual Integration Report

Sequence:

PP010925

Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PP069031.D	AR-1254-1	yogesh	1/10/2025 7:44:20 AM	Ankita	1/10/2025 7:53:51	Peak Integrated by Software
PB165988BS	PP069034.D	AR-1260-2 #2	yogesh	1/10/2025 7:44:22 AM	Ankita	1/10/2025 7:53:52	Peak Integrated by Software
PB165988BSD	PP069035.D	AR-1260-4	yogesh	1/10/2025 7:44:23 AM	Ankita	1/10/2025 7:53:54	Peak Integrated by Software
Q1036-01	PP069041.D	Tetrachloro-m-xylene #2	yogesh	1/10/2025 7:44:26 AM	Ankita	1/10/2025 7:53:56	Peak Integrated by Software
AR1254CCC500	PP069045.D	AR-1254-1	yogesh	1/10/2025 7:44:28 AM	Ankita	1/10/2025 7:53:58	Peak Integrated by Software
AR1254CCC500	PP069045.D	AR-1254-5	yogesh	1/10/2025 7:44:28 AM	Ankita	1/10/2025 7:53:58	Peak Integrated by Software

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP010625

Review By	yogesh	Review On	1/7/2025 7:49:59 AM
Supervise By	Ankita	Supervise On	1/7/2025 10:29:04 AM
SubDirectory	PP010625	HP Acquire Method	HP Processing Method PP010625
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP068913.D	06 Jan 2025 19:24	YP\AJ	Ok
2	I.BLK	PP068914.D	06 Jan 2025 19:41	YP\AJ	Ok
3	AR1660ICC1000	PP068915.D	06 Jan 2025 19:57	YP\AJ	Ok
4	AR1660ICC750	PP068916.D	06 Jan 2025 20:13	YP\AJ	Ok
5	AR1660ICC500	PP068917.D	06 Jan 2025 20:30	YP\AJ	Ok
6	AR1660ICC250	PP068918.D	06 Jan 2025 20:46	YP\AJ	Ok
7	AR1660ICC050	PP068919.D	06 Jan 2025 21:02	YP\AJ	Ok,M
8	AR1221ICC500	PP068920.D	06 Jan 2025 21:19	YP\AJ	Ok
9	AR1232ICC500	PP068921.D	06 Jan 2025 21:35	YP\AJ	Ok
10	AR1242ICC1000	PP068922.D	06 Jan 2025 21:51	YP\AJ	Ok
11	AR1242ICC750	PP068923.D	06 Jan 2025 22:07	YP\AJ	Ok
12	AR1242ICC500	PP068924.D	06 Jan 2025 22:24	YP\AJ	Ok
13	AR1242ICC250	PP068925.D	06 Jan 2025 22:40	YP\AJ	Ok
14	AR1242ICC050	PP068926.D	06 Jan 2025 22:56	YP\AJ	Ok
15	AR1248ICC1000	PP068927.D	06 Jan 2025 23:12	YP\AJ	Ok
16	AR1248ICC750	PP068928.D	06 Jan 2025 23:29	YP\AJ	Ok
17	AR1248ICC500	PP068929.D	06 Jan 2025 23:45	YP\AJ	Ok
18	AR1248ICC250	PP068930.D	07 Jan 2025 00:01	YP\AJ	Ok
19	AR1248ICC050	PP068931.D	07 Jan 2025 00:17	YP\AJ	Ok
20	AR1254ICC1000	PP068932.D	07 Jan 2025 00:34	YP\AJ	Ok,M
21	AR1254ICC750	PP068933.D	07 Jan 2025 00:50	YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP010625

Review By	yogesh	Review On	1/7/2025 7:49:59 AM
Supervise By	Ankita	Supervise On	1/7/2025 10:29:04 AM
SubDirectory	PP010625	HP Acquire Method	HP Processing Method PP010625
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	AR1254ICC500	PP068934.D	07 Jan 2025 01:06	YP\AJ	Ok,M
23	AR1254ICC250	PP068935.D	07 Jan 2025 01:22	YP\AJ	Ok,M
24	AR1254ICC050	PP068936.D	07 Jan 2025 01:39	YP\AJ	Ok,M
25	AR1262ICC500	PP068937.D	07 Jan 2025 01:55	YP\AJ	Ok,M
26	AR1268ICC1000	PP068938.D	07 Jan 2025 02:11	YP\AJ	Ok,M
27	AR1268ICC750	PP068939.D	07 Jan 2025 02:27	YP\AJ	Ok,M
28	AR1268ICC500	PP068940.D	07 Jan 2025 02:44	YP\AJ	Ok,M
29	AR1268ICC250	PP068941.D	07 Jan 2025 03:00	YP\AJ	Ok,M
30	AR1268ICC050	PP068942.D	07 Jan 2025 03:16	YP\AJ	Ok,M
31	PP010625ICV500	PP068943.D	07 Jan 2025 03:32	YP\AJ	Ok
32	AR1242ICV500	PP068944.D	07 Jan 2025 03:48	YP\AJ	Ok
33	AR1248ICV500	PP068945.D	07 Jan 2025 04:05	YP\AJ	Ok
34	AR1254ICV500	PP068946.D	07 Jan 2025 04:21	YP\AJ	Ok,M
35	AR1268ICV500	PP068947.D	07 Jan 2025 04:37	YP\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP010925

Review By	yogesh	Review On	1/10/2025 7:44:39 AM
Supervise By	Ankita	Supervise On	1/10/2025 7:54:03 AM
SubDirectory	PP010925	HP Acquire Method	HP Processing Method PP010625
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP069027.D	09 Jan 2025 09:02	YP\AJ	Ok
2	AR1660CCC500	PP069028.D	09 Jan 2025 09:18	YP\AJ	Ok
3	AR1242CCC500	PP069029.D	09 Jan 2025 09:34	YP\AJ	Ok
4	AR1248CCC500	PP069030.D	09 Jan 2025 09:51	YP\AJ	Ok
5	AR1254CCC500	PP069031.D	09 Jan 2025 10:07	YP\AJ	Ok,M
6	I.BLK	PP069032.D	09 Jan 2025 10:23	YP\AJ	Ok
7	PB165988BL	PP069033.D	09 Jan 2025 13:38	YP\AJ	Ok
8	PB165988BS	PP069034.D	09 Jan 2025 13:55	YP\AJ	Ok,M
9	PB165988BSD	PP069035.D	09 Jan 2025 14:11	YP\AJ	Ok,M
10	Q1026-01	PP069036.D	09 Jan 2025 14:27	YP\AJ	Ok
11	Q1032-01	PP069037.D	09 Jan 2025 14:44	YP\AJ	Ok
12	Q1032-04	PP069038.D	09 Jan 2025 15:00	YP\AJ	Ok
13	Q1032-07	PP069039.D	09 Jan 2025 15:16	YP\AJ	ReRun
14	Q1033-01	PP069040.D	09 Jan 2025 15:32	YP\AJ	Ok
15	Q1036-01	PP069041.D	09 Jan 2025 15:49	YP\AJ	Ok,M
16	AR1660CCC500	PP069042.D	09 Jan 2025 16:37	YP\AJ	Ok
17	AR1242CCC500	PP069043.D	09 Jan 2025 16:53	YP\AJ	Ok
18	AR1248CCC500	PP069044.D	09 Jan 2025 17:10	YP\AJ	Ok
19	AR1254CCC500	PP069045.D	09 Jan 2025 17:26	YP\AJ	Ok,M
20	I.BLK	PP069046.D	09 Jan 2025 17:42	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP010625

Review By	yogesh	Review On	1/7/2025 7:49:59 AM
Supervise By	Ankita	Supervise On	1/7/2025 10:29:04 AM
SubDirectory	PP010625	HP Acquire Method	HP Processing Method PP010625

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP068913.D	06 Jan 2025 19:24		YP\AJ	Ok
2	I.BLK	I.BLK	PP068914.D	06 Jan 2025 19:41		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP068915.D	06 Jan 2025 19:57		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP068916.D	06 Jan 2025 20:13		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP068917.D	06 Jan 2025 20:30		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP068918.D	06 Jan 2025 20:46		YP\AJ	Ok
7	AR1660ICC050	AR1660ICC050	PP068919.D	06 Jan 2025 21:02		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP068920.D	06 Jan 2025 21:19		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP068921.D	06 Jan 2025 21:35		YP\AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PP068922.D	06 Jan 2025 21:51		YP\AJ	Ok
11	AR1242ICC750	AR1242ICC750	PP068923.D	06 Jan 2025 22:07		YP\AJ	Ok
12	AR1242ICC500	AR1242ICC500	PP068924.D	06 Jan 2025 22:24		YP\AJ	Ok
13	AR1242ICC250	AR1242ICC250	PP068925.D	06 Jan 2025 22:40		YP\AJ	Ok
14	AR1242ICC050	AR1242ICC050	PP068926.D	06 Jan 2025 22:56		YP\AJ	Ok
15	AR1248ICC1000	AR1248ICC1000	PP068927.D	06 Jan 2025 23:12		YP\AJ	Ok
16	AR1248ICC750	AR1248ICC750	PP068928.D	06 Jan 2025 23:29		YP\AJ	Ok
17	AR1248ICC500	AR1248ICC500	PP068929.D	06 Jan 2025 23:45		YP\AJ	Ok
18	AR1248ICC250	AR1248ICC250	PP068930.D	07 Jan 2025 00:01		YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP010625

Review By	yogesh	Review On	1/7/2025 7:49:59 AM
Supervise By	Ankita	Supervise On	1/7/2025 10:29:04 AM
SubDirectory	PP010625	HP Acquire Method	HP Processing Method PP010625
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP 23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	AR1248ICC050	AR1248ICC050	PP068931.D	07 Jan 2025 00:17		YPIAJ	Ok
20	AR1254ICC1000	AR1254ICC1000	PP068932.D	07 Jan 2025 00:34		YPIAJ	Ok,M
21	AR1254ICC750	AR1254ICC750	PP068933.D	07 Jan 2025 00:50		YPIAJ	Ok,M
22	AR1254ICC500	AR1254ICC500	PP068934.D	07 Jan 2025 01:06		YPIAJ	Ok,M
23	AR1254ICC250	AR1254ICC250	PP068935.D	07 Jan 2025 01:22		YPIAJ	Ok,M
24	AR1254ICC050	AR1254ICC050	PP068936.D	07 Jan 2025 01:39		YPIAJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP068937.D	07 Jan 2025 01:55		YPIAJ	Ok,M
26	AR1268ICC1000	AR1268ICC1000	PP068938.D	07 Jan 2025 02:11		YPIAJ	Ok,M
27	AR1268ICC750	AR1268ICC750	PP068939.D	07 Jan 2025 02:27		YPIAJ	Ok,M
28	AR1268ICC500	AR1268ICC500	PP068940.D	07 Jan 2025 02:44		YPIAJ	Ok,M
29	AR1268ICC250	AR1268ICC250	PP068941.D	07 Jan 2025 03:00		YPIAJ	Ok,M
30	AR1268ICC050	AR1268ICC050	PP068942.D	07 Jan 2025 03:16		YPIAJ	Ok,M
31	PP010625ICV500	ICVPP010625	PP068943.D	07 Jan 2025 03:32		YPIAJ	Ok
32	AR1242ICV500	ICVPP010625AR1242	PP068944.D	07 Jan 2025 03:48		YPIAJ	Ok
33	AR1248ICV500	ICVPP010625AR1248	PP068945.D	07 Jan 2025 04:05		YPIAJ	Ok
34	AR1254ICV500	ICVPP010625AR1254	PP068946.D	07 Jan 2025 04:21		YPIAJ	Ok,M
35	AR1268ICV500	ICVPP010625AR1268	PP068947.D	07 Jan 2025 04:37		YPIAJ	Ok,M

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP010925

Review By	yogesh	Review On	1/10/2025 7:44:39 AM
Supervise By	Ankita	Supervise On	1/10/2025 7:54:03 AM
SubDirectory	PP010925	HP Acquire Method	HP Processing Method PP010625

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP069027.D	09 Jan 2025 09:02		YPIAJ	Ok
2	AR1660CCC500	AR1660CCC500	PP069028.D	09 Jan 2025 09:18		YPIAJ	Ok
3	AR1242CCC500	AR1242CCC500	PP069029.D	09 Jan 2025 09:34		YPIAJ	Ok
4	AR1248CCC500	AR1248CCC500	PP069030.D	09 Jan 2025 09:51		YPIAJ	Ok
5	AR1254CCC500	AR1254CCC500	PP069031.D	09 Jan 2025 10:07		YPIAJ	Ok,M
6	I.BLK	I.BLK	PP069032.D	09 Jan 2025 10:23		YPIAJ	Ok
7	PB165988BL	PB165988BL	PP069033.D	09 Jan 2025 13:38		YPIAJ	Ok
8	PB165988BS	PB165988BS	PP069034.D	09 Jan 2025 13:55		YPIAJ	Ok,M
9	PB165988BSD	PB165988BSD	PP069035.D	09 Jan 2025 14:11		YPIAJ	Ok,M
10	Q1026-01	BW-STORMWATER	PP069036.D	09 Jan 2025 14:27		YPIAJ	Ok
11	Q1032-01	50492	PP069037.D	09 Jan 2025 14:44		YPIAJ	Ok
12	Q1032-04	0103-COMP	PP069038.D	09 Jan 2025 15:00		YPIAJ	Ok
13	Q1032-07	0107-COMP	PP069039.D	09 Jan 2025 15:16	AR1016 Hit, DCB low both column	YPIAJ	ReRun
14	Q1033-01	28612	PP069040.D	09 Jan 2025 15:32		YPIAJ	Ok
15	Q1036-01	NP-WS-002	PP069041.D	09 Jan 2025 15:49		YPIAJ	Ok,M
16	AR1660CCC500	AR1660CCC500	PP069042.D	09 Jan 2025 16:37		YPIAJ	Ok
17	AR1242CCC500	AR1242CCC500	PP069043.D	09 Jan 2025 16:53		YPIAJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP010925

Review By	yogesh	Review On	1/10/2025 7:44:39 AM
Supervise By	Ankita	Supervise On	1/10/2025 7:54:03 AM
SubDirectory	PP010925	HP Acquire Method	HP Processing Method PP010625
STD. NAME	STD REF.#		
Tune/Reschk	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP 23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
Initial Calibration Stds			
CCC			
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

18	AR1248CCC500	AR1248CCC500	PP069044.D	09 Jan 2025 17:10		YP\AJ	Ok
19	AR1254CCC500	AR1254CCC500	PP069045.D	09 Jan 2025 17:26		YP\AJ	Ok,M
20	I.BLK	I.BLK	PP069046.D	09 Jan 2025 17:42		YP\AJ	Ok

M : Manual Integration

SOP ID:	M3510C,3580A-Extraction PCB-14		
Clean Up SOP #:	Acid Cleanup	Extraction Start Date :	01/09/2025
Matrix :	Water	Extraction Start Time :	08:20
Weigh By:	N/A	Extraction By:	RP
Balance check:	N/A	Filter By:	RS
Balance ID:	N/A	pH Meter ID:	N/A
pH Strip Lot#:	E3574	Hood ID:	4,6,7
Extraction Method:	☒ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet		
		Extraction End Date :	01/09/2025
		Extraction End Time :	13:20
		Concentration By:	EH
		Supervisor By :	rajesh

Standardized Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP24093
Spike Sol 1	1.0ML	200 PPB	PP23985
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
Methylene Chloride	N/A	E3848
Baked Na2SO4	N/A	EP2577
Hexane	N/A	E3847
H2SO4 1:1	N/A	EP2565
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
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40 BTS721.

KD Bath ID:	WATER BATH-1,2	Envap ID:	NEVAP-02
KD Bath Temperature:	60 °C	Envap Temperature:	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
01/09/25	RP (Sat Lab)	AS11051 PCB Lab
13:25	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction PCB-14

Concentration Date: 01/09/2025

Sample ID	Client Sample ID	Test	g / ml	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB165988BL	ABLK988	PCB	1000	6	Evelyn	RUPESH	10			SEP-01
PB165988BS	ALCS988	PCB	1000	6	Evelyn	RUPESH	10			2
PB165988BS D	ALCSD988	PCB	1000	6	Evelyn	RUPESH	10			3
Q1026-01	BW-STORMWATER	PCB	940	6	Evelyn	RUPESH	10			4
Q1032-01	50492	PCB	960	6	Evelyn	RUPESH	10	E		5
Q1032-04	0103-COMP	PCB	950	6	Evelyn	RUPESH	10	B		6
Q1032-07	0107-COMP	PCB	980	6	Evelyn	RUPESH	10	B		7
Q1033-01	28612	PCB	1000	6	Evelyn	RUPESH	10	P		8
Q1036-01	NP-WS-002	PCB	1000	6	Evelyn	RUPESH	10	G		9

* Extracts relinquished on the same date as received.



16798616120

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1026

WorkList ID : 186823

Department : Extraction

Date : 01-09-2025 08:11:51

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1026-01	BW-STORMWATER	Water	PCB	Cool 4 deg C	PSEG03	N41	01/07/2025	8082A
Q1032-01	50492	Water	PCB	Cool 4 deg C	PSEG03	N41	01/08/2025	8082A
Q1032-04	0103-COMP	Water	PCB	Cool 4 deg C	PSEG03	N41	01/08/2025	8082A
Q1032-07	0107-COMP	Water	PCB	Cool 4 deg C	PSEG03	N41	01/08/2025	8082A
Q1033-01	28612	Water	PCB	Cool 4 deg C	PSEG03	N41	01/08/2025	8082A
Q1036-01	NP-WS-002	Water	PCB	Cool 4 deg C	ENTA05	N51	01/08/2025	8082A

Date/Time 01/09/25 8:15
Raw Sample Received by: RS (Set 143)
Raw Sample Relinquished by: SD (2nd)

Date/Time 01/09/25 8:45
Raw Sample Received by: SD (SM)
Raw Sample Relinquished by: RS (Set 143)



SHIPPING DOCUMENTS



CHAIN OF CUSTODY RECORD

NO. 1 OF 2

[illegible]



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

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 : Q1036 ENTA05

Order Date : 1/8/2025 1:06:00 PM

Project Mgr :

Client Name : ENTACT

Project Name : North Point

Report Type : Level 1

Client Contact : Wyatt Seel

Receive DateTime : 1/8/2025 11:00:00 AM

EDD Type : Excel NJ

Invoice Name : ENTACT

Purchase Order :

Hard Copy Date :

Invoice Contact : Wyatt Seel

Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1036-01	NP-WS-002	Water	01/08/2025	10:30	VOC-TCLVOA-10		8260D		5 Bus. Days

Relinquished By :

Date / Time :


1-8-25 1350

Received By :

Date / Time :


01/08/25

Storage Area : VOA Refridgerator Room