

Cover Page

Order ID : Q1060

Project ID : Weekly Storage Blanks

Client : Chemtech Consulting Group

Lab Sample Number

Q1060-01
Q1060-02
Q1060-03
Q1060-04
Q1060-05
Q1060-06
Q1060-07
Q1060-08
Q1060-09
Q1060-10
Q1060-11
Q1060-12
Q1060-13
Q1060-14

Client Sample Number

Storage-Blank-SOIL-REF-6
Storage-Blank-WATER-REF-5
Storage-Blank-WATER-REF-4
Storage-Blank-SAMPLE-MANAGEMENT
SVOC-GPC-BLANK
PEST-GPC-BLANK
PEST-GPC-BLANK-SPIKE
PCB-GPC-BLANK
PCB-GPC-BLANK-SPIKE
SVOC-GPC2-BLANK
PEST-GPC2-BLANK
PEST-GPC2-BLANK-SPIKE
PCB-GPC2-BLANK
PCB-GPC2-BLANK-SPIKE

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: 1/21/2025

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 #: Q1060

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: NILESH PRAJAPATI

Date: 01/21/2025

LAB CHRONICLE

OrderID: Q1060
Client: Chemtech Consulting Group
Contact: QA Officer

OrderDate: 1/10/2025 9:44:00 AM
Project: Weekly Storage Blanks
Location: M11,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1060-13	PCB-GPC2-BLANK	SOIL	PCB	SFAM_PCB	01/10/25	01/13/25	01/14/25	01/10/25
Q1060-14	PCB-GPC2-BLANK-SPI KE	SOIL	PCB	SFAM_PCB	01/10/25	01/13/25	01/14/25	01/10/25

Hit Summary Sheet
SW-846

SDG No.: Q1060

Order ID: Q1060

Client: Chemtech Consulting Group

Project ID: Weekly Storage Blanks

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : PCB-GPC2-BLANK-SPIKE								
Q1060-14	PCB-GPC2-BLANK-§ SOIL		Aroclor-1016	410	7.20		100	ug/kg
Q1060-14	PCB-GPC2-BLANK-§ SOIL		Aroclor-1260	410	7.50		100	ug/kg
Total Concentration:				820.000				



QC SUMMARY

Surrogate Summary

SDG No.: Q1060

Client: Chemtech Consulting Group

Analytical Method: SFAM_PCB

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PR069769.D	PIBLK-PR069769.D	TCX	1	20	0.20	98		30	150
		DCB	1	40	0.40	100		30	150
		TCX	2	20	0.21	104		30	150
		DCB	2	40	0.40	100		30	150
I.BLK-PR069963.D	PIBLK-PR069963.D	TCX	1	20	0.22	108		30	150
		DCB	1	40	0.45	113		30	150
		TCX	2	20	0.24	121		30	150
		DCB	2	40	0.45	114		30	150
Q1060-13	PCB-GPC2-BLANK	TCX	1	20	0	0	*	30	150
		DCB	1	40	0	0	*	30	150
		TCX	2	20	0	0	*	30	150
		DCB	2	40	0	0	*	30	150
Q1060-14	PCB-GPC2-BLANK-SPIKE	TCX	1	20	0	0	*	30	150
		DCB	1	40	0	0	*	30	150
		TCX	2	20	0	0	*	30	150
		DCB	2	40	0	0	*	30	150
I.BLK-PR069967.D	PIBLK-PR069967.D	TCX	1	20	0.22	110		30	150
		DCB	1	40	0.45	112		30	150
		TCX	2	20	0.24	120		30	150
		DCB	2	40	0.46	115		30	150



SAMPLE DATA

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	01/10/25
Project:	Weekly Storage Blanks	Date Received:	01/10/25
Client Sample ID:	PCB-GPC2-BLANK	SDG No.:	Q1060
Lab Sample ID:	Q1060-13	Matrix:	SOIL
Analytical Method:	SFAM_PCB	% Solid:	100
Sample Wt/Vol:	10 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	2.0	PH :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PR069965.D	1	01/13/25 10:38	01/14/25 12:01	PB166039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	7.20	U	7.20	100	ug/kg
11104-28-2	Aroclor-1221	7.50	U	7.50	100	ug/kg
11141-16-5	Aroclor-1232	7.50	U	7.50	100	ug/kg
53469-21-9	Aroclor-1242	7.50	U	7.50	100	ug/kg
12672-29-6	Aroclor-1248	7.50	U	7.50	100	ug/kg
11097-69-1	Aroclor-1254	7.50	U	7.50	100	ug/kg
11096-82-5	Aroclor-1260	7.50	U	7.50	100	ug/kg
37324-23-5	Aroclor-1262	7.50	U	7.50	100	ug/kg
11100-14-4	Aroclor-1268	7.50	U	7.50	100	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	0	*	30 - 150	%	SPK: 20
2051-24-3	Decachlorobiphenyl	0	*	30 - 150	%	SPK: 40

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_R\Data\PR011425\
Data File : PR069965.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jan 2025 12:01
Operator : AJ\MA
Sample : Q1060-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
PCB-GPC2-BLANK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 15 00:54:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 03:09:04 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
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System Monitoring Compounds

Target Compounds

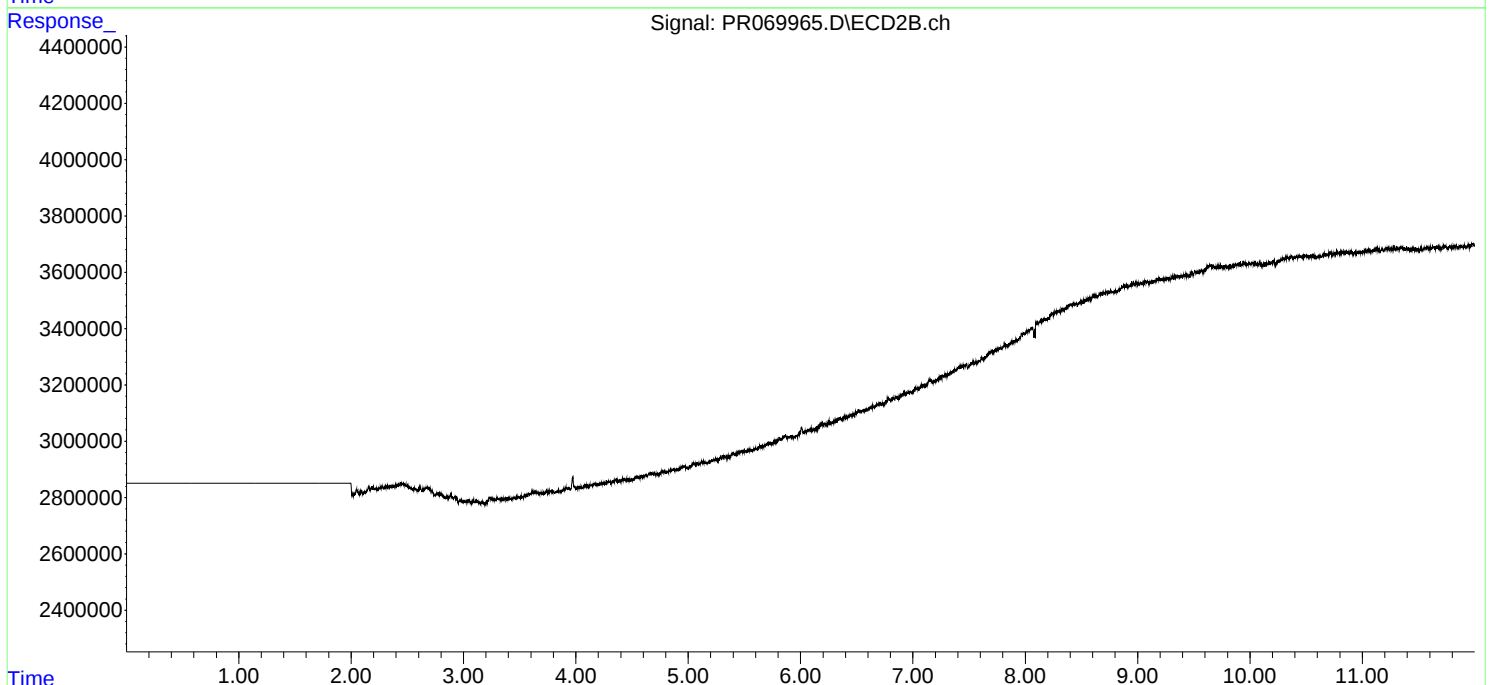
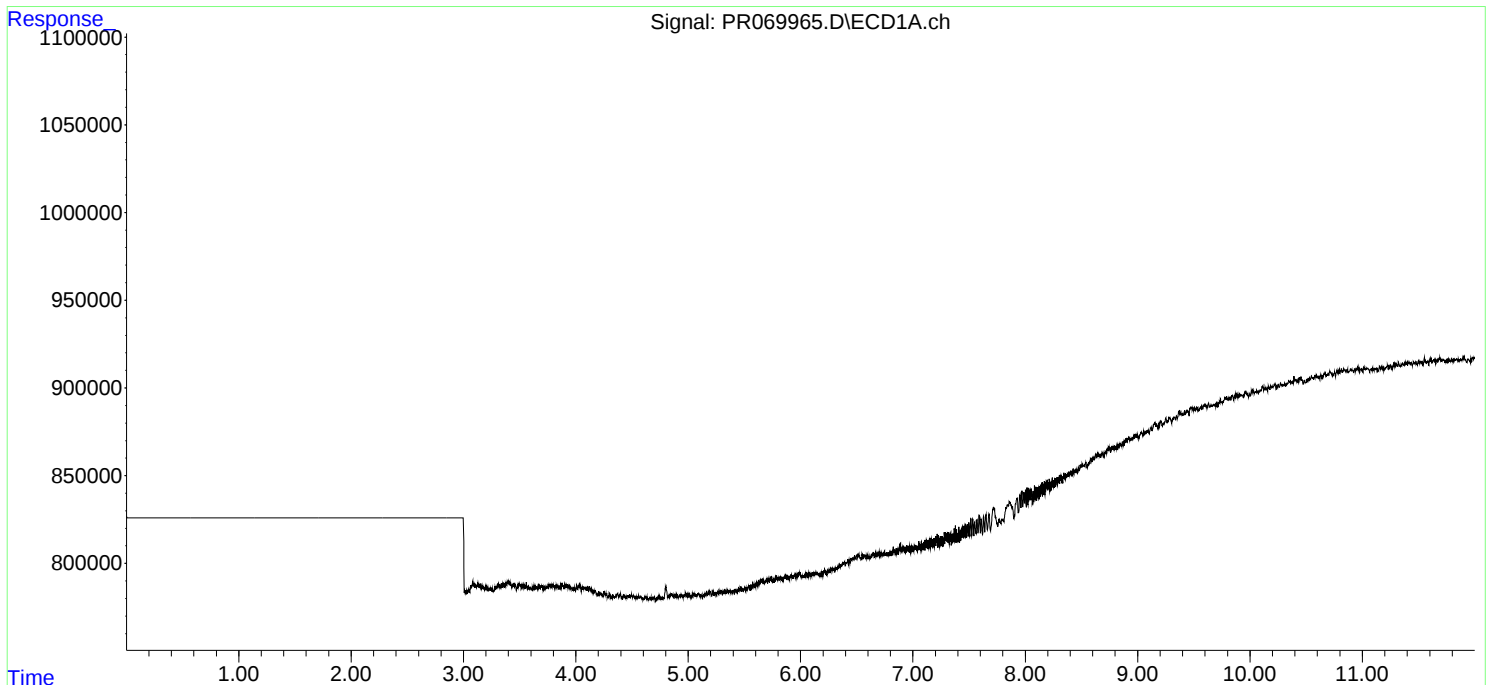
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011425\
Data File : PR069965.D
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Acq On : 14 Jan 2025 12:01
Operator : AJ\MA
Sample : Q1060-13
Misc :
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Instrument :
ECD_R
ClientSampleId :
PCB-GPC2-BLANK

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Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	01/10/25
Project:	Weekly Storage Blanks	Date Received:	01/10/25
Client Sample ID:	PCB-GPC2-BLANK-SPIKE	SDG No.:	Q1060
Lab Sample ID:	Q1060-14	Matrix:	SOIL
Analytical Method:	SFAM_PCB	% Solid:	100
Sample Wt/Vol:	10 Units: g	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	5000 uL
Extraction Type:		Test:	PCB
GPC Factor :	2.0	Injection Volume :	
PH :			
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PR069966.D	1	01/13/25 10:38	01/14/25 12:16	PB166039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	410		7.20	100	ug/kg
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11141-16-5	Aroclor-1232	7.50	U	7.50	100	ug/kg
53469-21-9	Aroclor-1242	7.50	U	7.50	100	ug/kg
12672-29-6	Aroclor-1248	7.50	U	7.50	100	ug/kg
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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_R\Data\PR011425\
 Data File : PR069966.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jan 2025 12:16
 Operator : AJ\MA
 Sample : Q1060-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 PCB-GPC2-BLANK-SPIKE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 15 00:54:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 03:09:04 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
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System Monitoring Compounds

Target Compounds

3)	L1	AR-1016-1	4.850	4.080	11643058	74011787	382.549	421.997
4)	L1	AR-1016-2	4.871	4.098	19621315	112.6E6	421.881	438.001
5)	L1	AR-1016-3	4.936	4.277	11865696	56237565	412.389	419.746
6)	L1	AR-1016-4	5.037	4.328	8860035	47738095	395.776	434.633
7)	L1	AR-1016-5	5.352	4.546	9543939	58472294	416.336	434.486
31)	L7	AR-1260-1	6.564	5.641	18226492	110.7E6	453.811	470.707
32)	L7	AR-1260-2	6.846	5.847	19661801	126.1E6	440.056	469.678
33)	L7	AR-1260-3	7.236	6.005	13610429	126.3E6	384.338	494.494 #
34)	L7	AR-1260-4	7.479	6.512	15828360	91897841	405.763	423.049
35)	L7	AR-1260-5	7.820	6.778	27163806	208.9E6	386.195	418.116

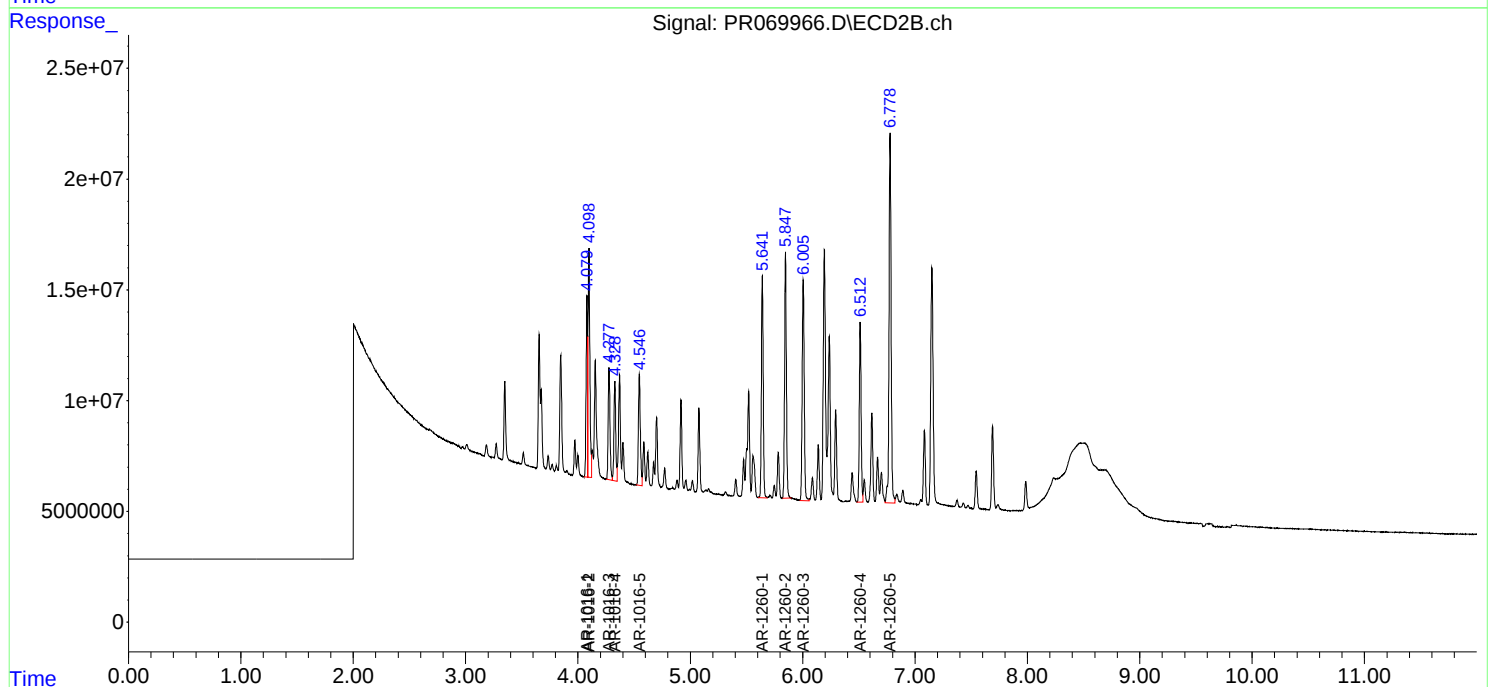
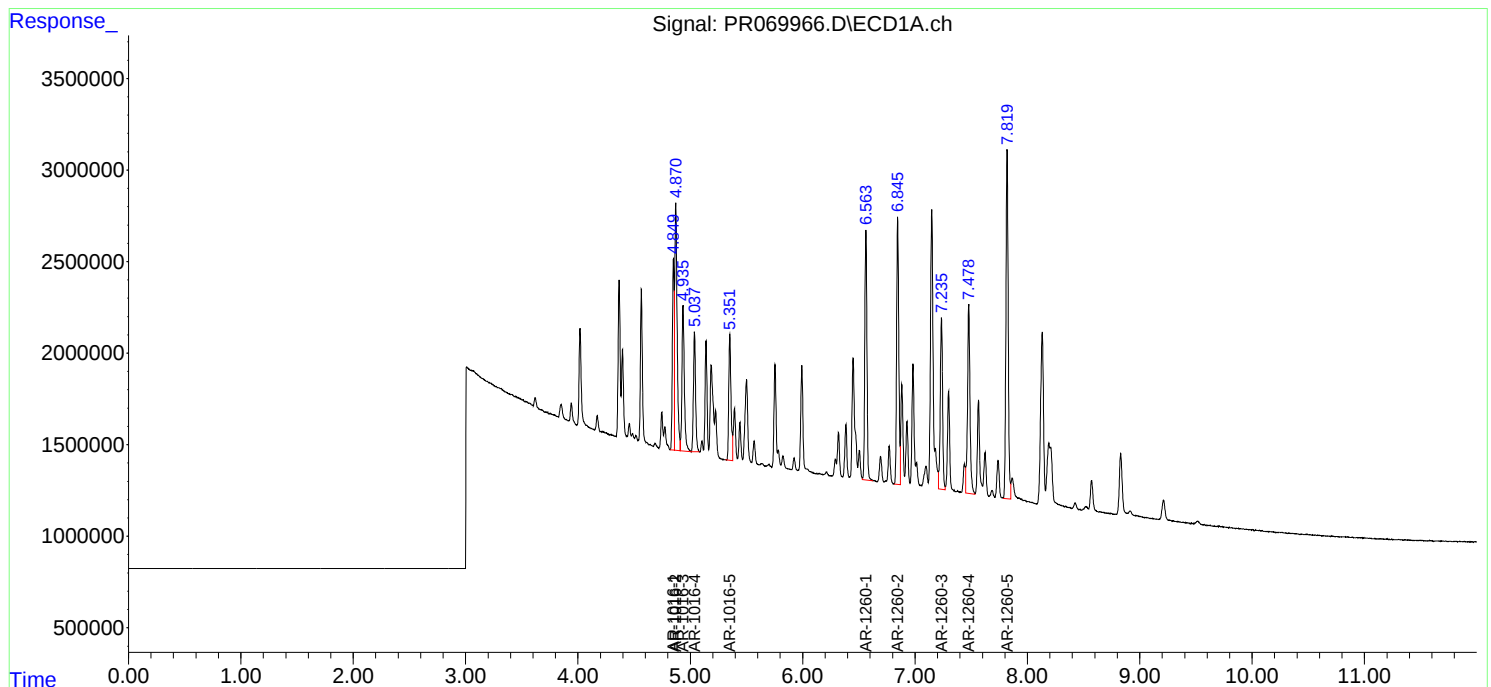
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011425\
Data File : PR069966.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jan 2025 12:16
Operator : AJ\MA
Sample : Q1060-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
PCB-GPC2-BLANK-SPIKE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 15 00:54:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 03:09:04 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm





CALIBRATION SUMMARY

Calibration Times: 11:38 21:11

ID: 0.32 (mm)

[illegible]

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

[illegible]

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CHEM02
Lab Code: CHEM **Case No.:** Q1060 **SAS No.:** Q1060 **SDG NO.:** Q1060
Instrument ID: ECD_R **Calibration Date(s):** 12/20/2024 12/20/2024
Calibration Times: 11:38 21:11

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

LAB FILE ID:		CF 100 = <u>PR069770.D</u>		CF 200 = <u>PR069771.D</u>			
CF 400 = <u>PR069772.D</u>		CF 800 = <u>PR069773.D</u>		CF 1600 = <u>PR069774.D</u>			
COMPOUND		CF 100	CF 200	CF 400	CF 800	CF 1600	% RSD
Aroclor-1016-1	(1)	34674440	31005230	30313188	29157870	27026795	30435505
Aroclor-1016-2	(2)	52444610	47711105	46456205	44118496	41815028	46509089
Aroclor-1016-3	(3)	33114460	30215750	28470215	27107844	24957184	28773091
Aroclor-1016-4	(4)	25368960	23182750	21968985	21430368	19981313	22386475
Aroclor-1016-5	(5)	26179470	23226055	22772640	22067645	20372428	22923648
Aroclor-1260-1	(1)	47014170	41088005	39496823	37830480	35386606	40163217
Aroclor-1260-2	(2)	50851000	45317105	44970898	42396571	39865314	44680178
Aroclor-1260-3	(3)	40158010	36785710	35508185	33122996	31488346	35412650
Aroclor-1260-4	(4)	43472620	39964085	39262695	37286146	35058706	39008850
Aroclor-1260-5	(5)	76505840	72394560	70593513	66809401	65381993	70337061
DCB		564910200	537365900	529897425	489280813	457690519	515828971
TCX		1129537400	998644200	1048428950	1028839500	990125900	1039115190
Aroclor-1221-1	(1)	13497430	12546385	11634748	11090291	10160820	11785935
Aroclor-1221-2	(2)	9494650	8598090	8125995	7617813	6922894	8151888
Aroclor-1221-3	(3)	32020920	29002320	26543040	25630068	23184299	27276129
DCB		558953300	513410800	510695075	496892850	462101269	508410659
TCX		1165957800	1097992800	1056559000	1053094075	1005508663	1075822468
Aroclor-1232-1	(1)	25279530	23806735	21711180	20388555	17999843	21837169
Aroclor-1232-2	(2)	12338160	11510525	11122283	10398594	9875130	11048938
Aroclor-1232-3	(3)	24895910	22611610	20881065	19719638	18543008	21330246
Aroclor-1232-4	(4)	11191090	10527835	9987170	9386289	8653503	9949177
Aroclor-1232-5	(5)	7515300	7871295	7303335	6790731	5969602	7090053
DCB		571017300	551639350	513029075	496403175	460900956	518597971
TCX		1027517400	1104531200	1069440800	1044136975	988044375	1046734150
Aroclor-1242-1	(1)	28929340	27319580	25611953	24522029	22286276	25733835
Aroclor-1242-2	(2)	43004390	40349060	38204300	36423686	34148238	38425935
Aroclor-1242-3	(3)	27421850	25422475	23689108	22425950	20527708	23897418
Aroclor-1242-4	(4)	20524160	19968390	18652003	17741544	16509981	18679215
Aroclor-1242-5	(5)	21352850	20960520	19768888	18013835	17710781	19561375
DCB		575136600	553362950	532755000	497497250	457739500	523298260
TCX		1100198200	1086850800	1047069600	1038389525	986072963	1051716218
Aroclor-1248-1	(1)	22133080	20430590	18965265	18225568	16665001	19283901
Aroclor-1248-2	(2)	31173950	29236390	26906668	25102381	22863723	27056622
Aroclor-1248-3	(3)	35327070	33447285	31592613	29879708	27417716	31532878

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1248-4	(4)	36901520	34710525	32447600	31361545	29444762	32973190	9
Aroclor-1248-5	(5)	35762990	34644430	31391880	32310363	29918426	32805618	7
DCB		560309000	548531300	514164325	496348600	460934913	516057628	8
TCX		1099638800	1066026700	1040396350	1012571050	974101663	1038546913	5
Aroclor-1254-1	(1)	40365690	37715440	35502298	33019434	29633018	35247176	12
Aroclor-1254-2	(2)	60910790	56960015	54069650	50511283	46138859	53718119	11
Aroclor-1254-3	(3)	60657680	57352030	55031618	52283000	48637420	54792350	8
Aroclor-1254-4	(4)	40330160	38106355	36472758	34945426	32806221	36532184	8
Aroclor-1254-5	(5)	44682980	42907355	41150455	39375433	36968191	41016883	7
DCB		542245800	537589650	528172700	493543863	452720350	510854473	7
TCX		1087553400	1071731900	1037500450	1014307650	947676238	1031753928	5
Aroclor-1262-1	(1)	52471720	55772810	52558530	49516476	44866569	51037221	8
Aroclor-1262-2	(2)	84335040	83303620	79796943	77007996	73926998	79674119	5
Aroclor-1262-3	(3)	57716450	56901070	55102445	52038169	48555420	54062711	7
Aroclor-1262-4	(4)	45153070	46348240	43124793	41568144	38221714	42883192	7
Aroclor-1262-5	(5)	26796940	26415110	26299835	25493929	23927436	25786650	4
DCB		561062800	550829150	532200775	500068875	459826069	520797534	8
TCX		1048904000	1045778700	1040016150	1007453575	950787863	1018588058	4
Aroclor-1268-1	(1)	103479600	102885315	96759053	92691320	89113389	96985735	6
Aroclor-1268-2	(2)	91790010	92555165	88297268	84313973	80827869	87556857	6
Aroclor-1268-3	(3)	77940100	78019170	74281515	70562011	67312291	73623017	6
Aroclor-1268-4	(4)	29363340	30345165	28460668	28785278	28727069	29136304	3
Aroclor-1268-5	(5)	228765420	232099715	221057655	215498776	209719720	221428257	4
DCB		1047111100	1048854950	979394525	928582175	870627381	974914026	8
TCX		1070020000	1061799000	1032010500	1004101650	972049188	1027996068	4

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CHEM02
Lab Code: CHEM **Case No.:** Q1060 **SAS No.:** Q1060 **SDG NO.:** Q1060
Instrument ID: ECD_R **Calibration Date(s):** 12/20/2024 12/20/2024
Calibration Times: 11:38 21:11

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

LAB FILE ID:		CF 100 = <u>PR069770.D</u>		CF 200 = <u>PR069771.D</u>			
CF 400 = <u>PR069772.D</u>		CF 800 = <u>PR069773.D</u>		CF 1600 = <u>PR069774.D</u>			
COMPOUND		CF 100	CF 200	CF 400	CF 800	CF 1600	% RSD
Aroclor-1016-1	(1)	203610810	181373865	173131323	164576009	154231304	175384662
Aroclor-1016-2	(2)	292701820	263803110	252551555	245335720	230619631	257002367
Aroclor-1016-3	(3)	153744190	135536030	133611990	127850759	119156772	133979948
Aroclor-1016-4	(4)	131143350	110820495	109337210	103426764	94449107	109835385
Aroclor-1016-5	(5)	157324280	136946030	131950238	128483599	118186812	134578192
Aroclor-1260-1	(1)	280570440	251753570	228058743	214230974	201448684	235212482
Aroclor-1260-2	(2)	313159830	278297685	262028768	251140410	237327848	268390908
Aroclor-1260-3	(3)	288801000	266245190	249307930	242269835	230727399	255470271
Aroclor-1260-4	(4)	247686350	221869025	214121100	205551664	196909040	217227436
Aroclor-1260-5	(5)	536943950	505806575	498099450	484726579	472250754	499565462
DCB		3664935800	3485082500	3347677325	3210560288	3071087763	3355868735
TCX		6216338200	5429372900	5600382950	5526023075	5294653038	5613354033
Aroclor-1221-1	(1)	71735220	72435770	64994760	62351864	56612314	65625986
Aroclor-1221-2	(2)	51430200	48915740	44743078	43644326	39279066	45602482
Aroclor-1221-3	(3)	173912440	160517235	146211033	139924709	126392838	149391651
DCB		3584000800	3466944700	3289078800	3243417800	3146961625	3346080745
TCX		6010750000	5750886300	5422455600	5397339550	5148156263	5545917543
Aroclor-1232-1	(1)	139440920	130708290	120425653	112340323	98206973	120224432
Aroclor-1232-2	(2)	127955110	125758760	116415988	111326470	100218630	116334992
Aroclor-1232-3	(3)	69082580	65337940	60172728	57530345	50904724	60605663
Aroclor-1232-4	(4)	62756190	60236695	55029715	49816874	43721420	54312179
Aroclor-1232-5	(5)	62051790	58940280	56313613	53194638	45548603	55209785
DCB		3738684200	3596176600	3386561125	3287899163	3111113681	3424086954
TCX		6412686200	5898913500	5586387750	5478764125	5051914013	5685733118
Aroclor-1242-1	(1)	165197320	157135870	145369220	137926573	126348982	146395593
Aroclor-1242-2	(2)	236447080	229607475	211679885	205826954	187703371	214252953
Aroclor-1242-3	(3)	126188620	121442830	112017590	107241926	97493674	112876928
Aroclor-1242-4	(4)	126427820	117564675	108233148	101000504	90455428	108736315
Aroclor-1242-5	(5)	158300340	147518080	130183445	120664933	108897896	133112939
DCB		3772277500	3628930400	3476179925	3343164638	3116803750	3467471243
TCX		6033440400	5987147700	5599207250	5593516425	5214265600	5685515475
Aroclor-1248-1	(1)	122987650	115077025	108289630	103149199	94808588	108862418
Aroclor-1248-2	(2)	179840710	168954335	155315168	143650941	131110269	155774285
Aroclor-1248-3	(3)	185250360	172677830	157325155	144480906	131860528	158318956

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1248-4	(4)	210990360	196601805	183681055	170413740	157698224	183877037	11
Aroclor-1248-5	(5)	204835640	191752975	172771105	160906703	148955858	175844456	13
DCB		3772199600	3653071950	3444645025	3295973688	3136066050	3460391263	7
TCX		6297498400	6121842400	5923343400	5732702950	5442436438	5903564718	6
Aroclor-1254-1	(1)	297969450	284450740	263977670	247689819	224700978	263757731	11
Aroclor-1254-2	(2)	259867070	246652605	228026920	211673561	190934523	227430936	12
Aroclor-1254-3	(3)	389091470	371447430	349930833	330406759	305955950	349366488	9
Aroclor-1254-4	(4)	234158260	219806670	205019245	194440185	181013735	206887619	10
Aroclor-1254-5	(5)	331040070	323292495	258925213	293589089	272913731	295952119	11
DCB		3697737300	3624645950	3484285575	3312522713	3124894219	3448817151	7
TCX		6295192200	6114683200	5811192050	5730661550	5267893963	5843924593	7
Aroclor-1262-1	(1)	342076680	338166045	319379710	303296795	283106108	317205068	8
Aroclor-1262-2	(2)	575243550	576927160	558398913	546387120	517961477	554983644	4
Aroclor-1262-3	(3)	233874230	229776485	224710668	213460239	200877512	220539827	6
Aroclor-1262-4	(4)	435937460	433476765	422609845	409625698	389098589	418149671	5
Aroclor-1262-5	(5)	195425620	197953460	191098083	185012856	175591883	189016380	5
DCB		3699023700	3679362000	3511695250	3365262988	3160337269	3483136241	6
TCX		5825733000	6059930700	5926236950	5701008950	5271550475	5756892015	5
Aroclor-1268-1	(1)	696250890	687804070	666465660	641193130	613387845	661020319	5
Aroclor-1268-2	(2)	632817930	629935950	611960643	597763351	576152703	609726115	4
Aroclor-1268-3	(3)	543437430	537360285	521043158	507940559	490071244	519970535	4
Aroclor-1268-4	(4)	218078180	226039325	213230945	213447051	200510979	214261296	4
Aroclor-1268-5	(5)	1646484480	1671222955	1627613558	1597903369	1537198426	1616084558	3
DCB		7072305700	6995128600	6690546550	6458341200	6197072494	6682678909	5
TCX		6297119400	6074390000	5897716000	5703993200	5459612450	5886566210	6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069770.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 11:38
 Operator : AJ\MA
 Sample : AR1660ICC100
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR16601234

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 00:14:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 00:12:51 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.631	2.963	5647687	31081691	5.387	5.550
2) SA Decachlor...	9.522	8.239	5649102	36649358	10.661	10.948
Target Compounds						
3) L1 AR-1016-1	4.852	4.082	3467444	20361081	114.387	117.605
4) L1 AR-1016-2	4.874	4.100	5244461	29270182	112.890	115.898
5) L1 AR-1016-3	4.937	4.280	3311446	15374419	116.313	115.068
6) L1 AR-1016-4	5.039	4.332	2536896	13114335	115.476	119.944
7) L1 AR-1016-5	5.355	4.550	2617947	15732428	114.960	119.230
31) L7 AR-1260-1	6.566	5.646	4701417	28057044	119.033	123.026
32) L7 AR-1260-2	6.850	5.853	5085100	31315983	113.075	119.514
33) L7 AR-1260-3	7.239	6.011	4015801	28880100	113.095	115.841
34) L7 AR-1260-4	7.483	6.519	4347262	24768635	110.722	115.676
35) L7 AR-1260-5	7.822	6.785	7650584	53694395	108.375	107.799

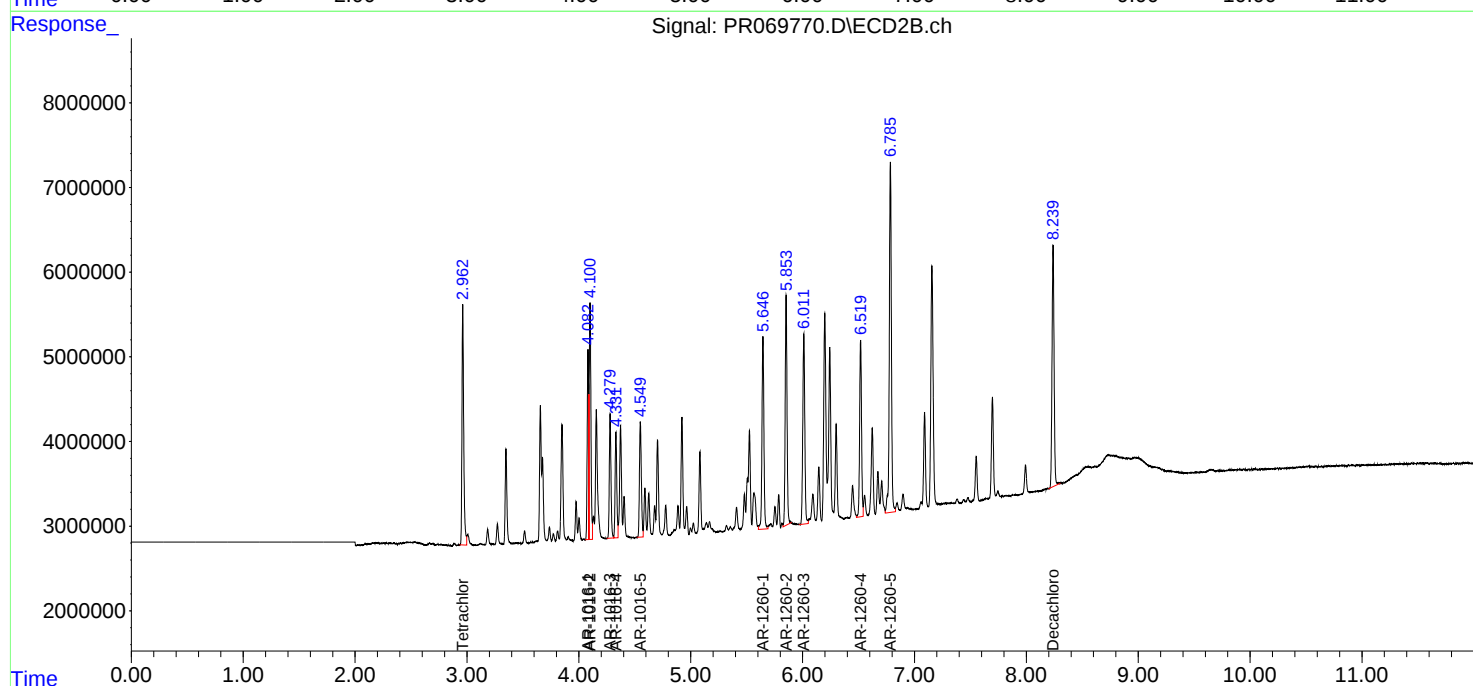
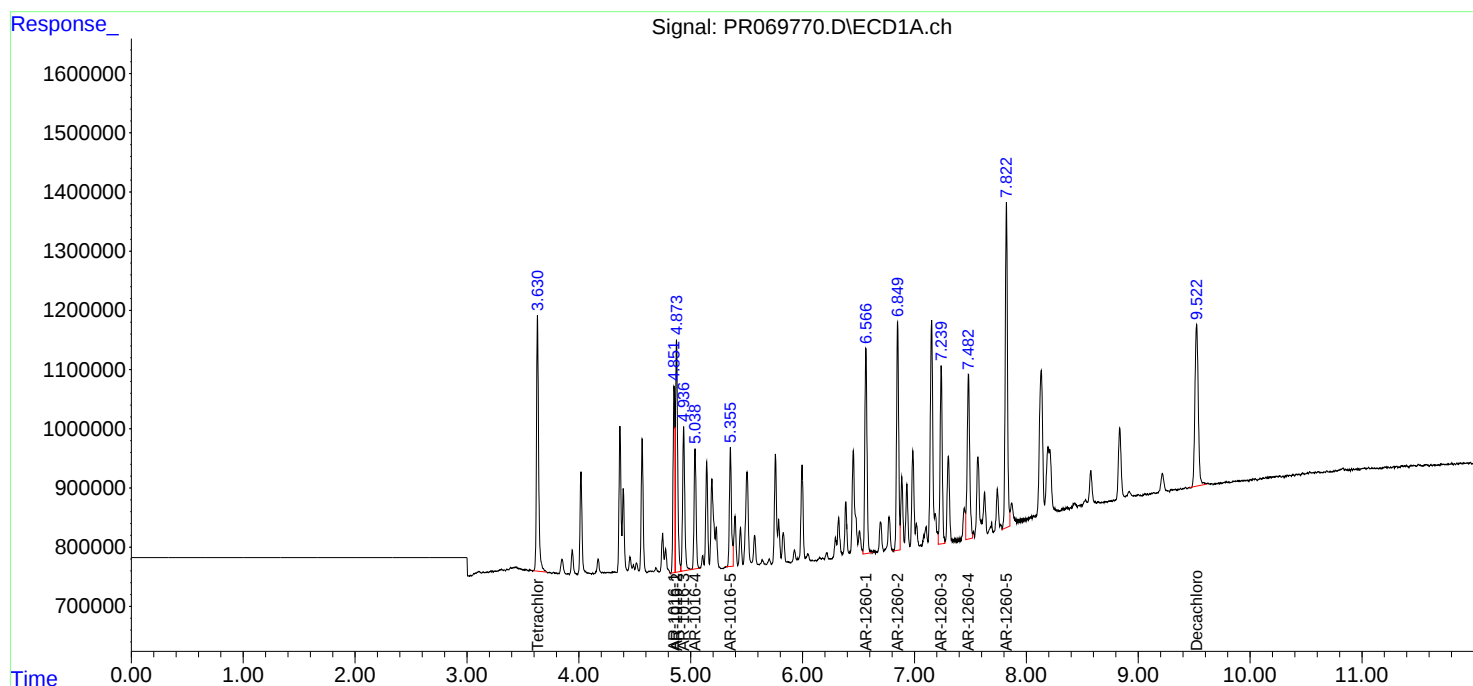
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069770.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 11:38
Operator : AJ\MA
Sample : AR1660ICC100
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR16601234

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 00:14:27 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 00:12:51 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069771.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 11:52
 Operator : AJ\MA
 Sample : AR1660ICC200
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR16602235

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/23/2024
 Supervised By :mohammad ahmed 12/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 00:14:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 00:12:51 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.630	2.962	9986442	54293729	9.525	9.695m
2)	SA Decachlor...	9.522	8.239	10747318	69701650	20.282	20.821
Target Compounds							
3)	L1 AR-1016-1	4.851	4.082	6201046	36274773	204.566	209.522
4)	L1 AR-1016-2	4.873	4.100	9542221	52760622	205.403	208.910
5)	L1 AR-1016-3	4.937	4.280	6043150	27107206	212.262	202.880
6)	L1 AR-1016-4	5.039	4.331	4636550	22164099	211.050	202.713
7)	L1 AR-1016-5	5.354	4.550	4645211	27389206	203.982	207.572
31)	L7 AR-1260-1	6.566	5.646	8217601	50350714	208.057	220.780
32)	L7 AR-1260-2	6.850	5.852	9063421	55659537	201.540	212.418
33)	L7 AR-1260-3	7.240	6.011	7357142	53249038	207.196	213.587
34)	L7 AR-1260-4	7.484	6.519	7992817	44373805	203.573	207.237
35)	L7 AR-1260-5	7.823	6.785	14478912	101.2E6	205.103	203.095

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069771.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 11:52
Operator : AJ\MA
Sample : AR1660ICC200
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_R

ClientSampleId :

AR16602235

Manual Integrations

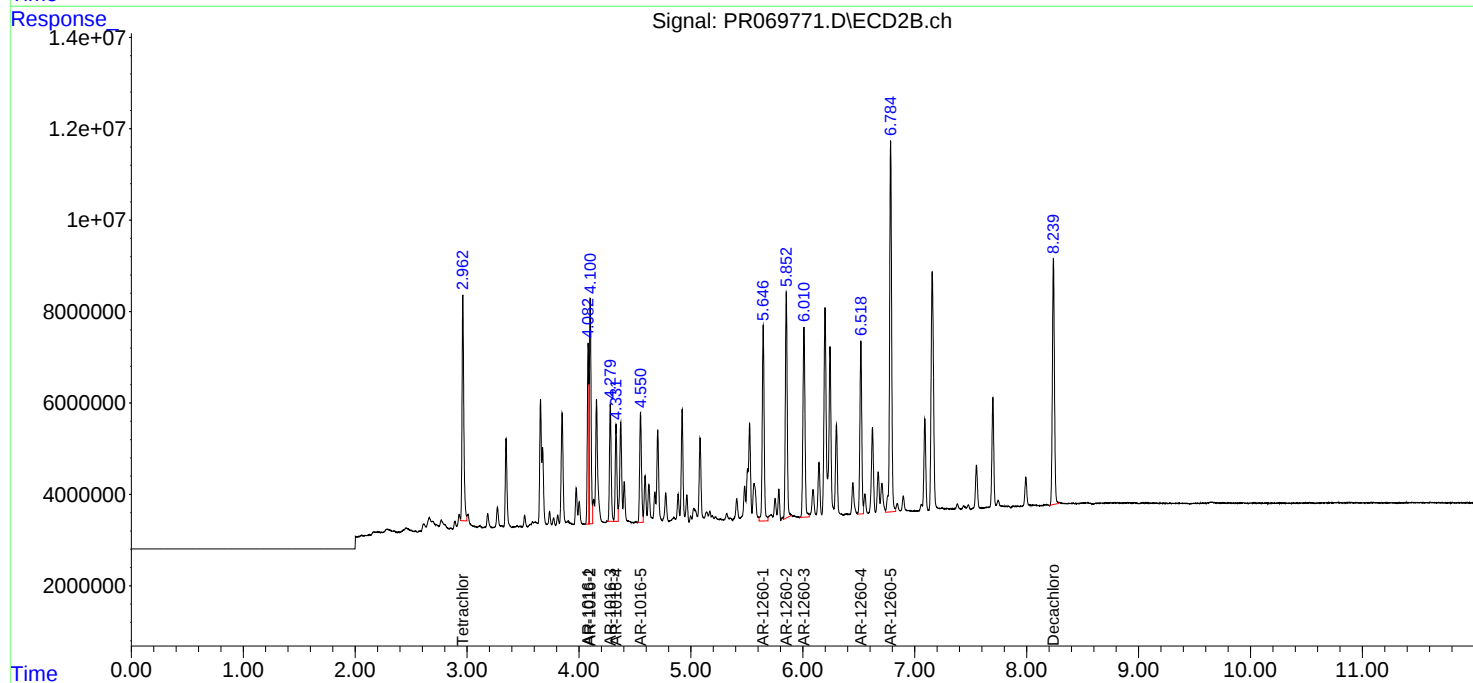
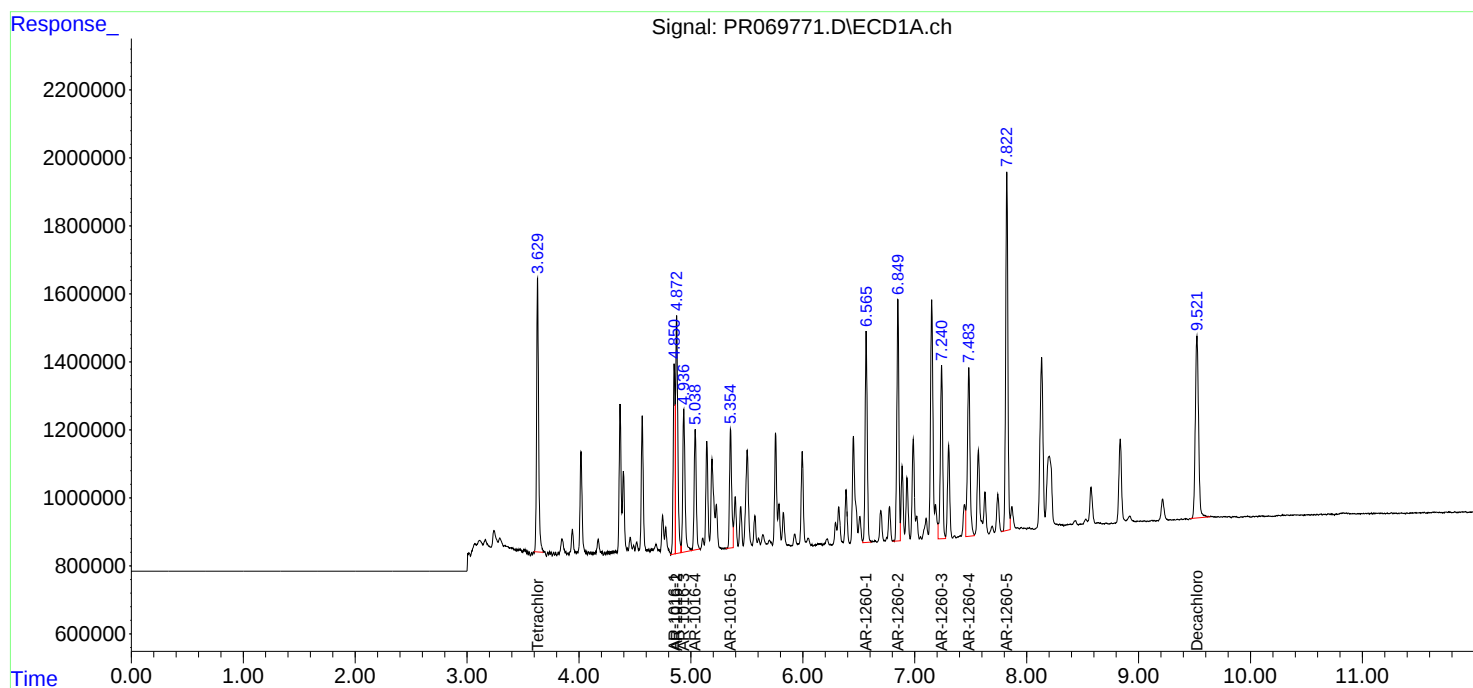
APPROVED

Reviewed By :Yogesh Patel 12/23/2024

Supervised By :mohammad ahmed 12/25/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 00:14:44 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 00:12:51 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069771.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 11:52
Operator : AJ\MA
Sample : AR1660ICC200
Misc :
ALS Vial : 4 Sample Multiplier: 1

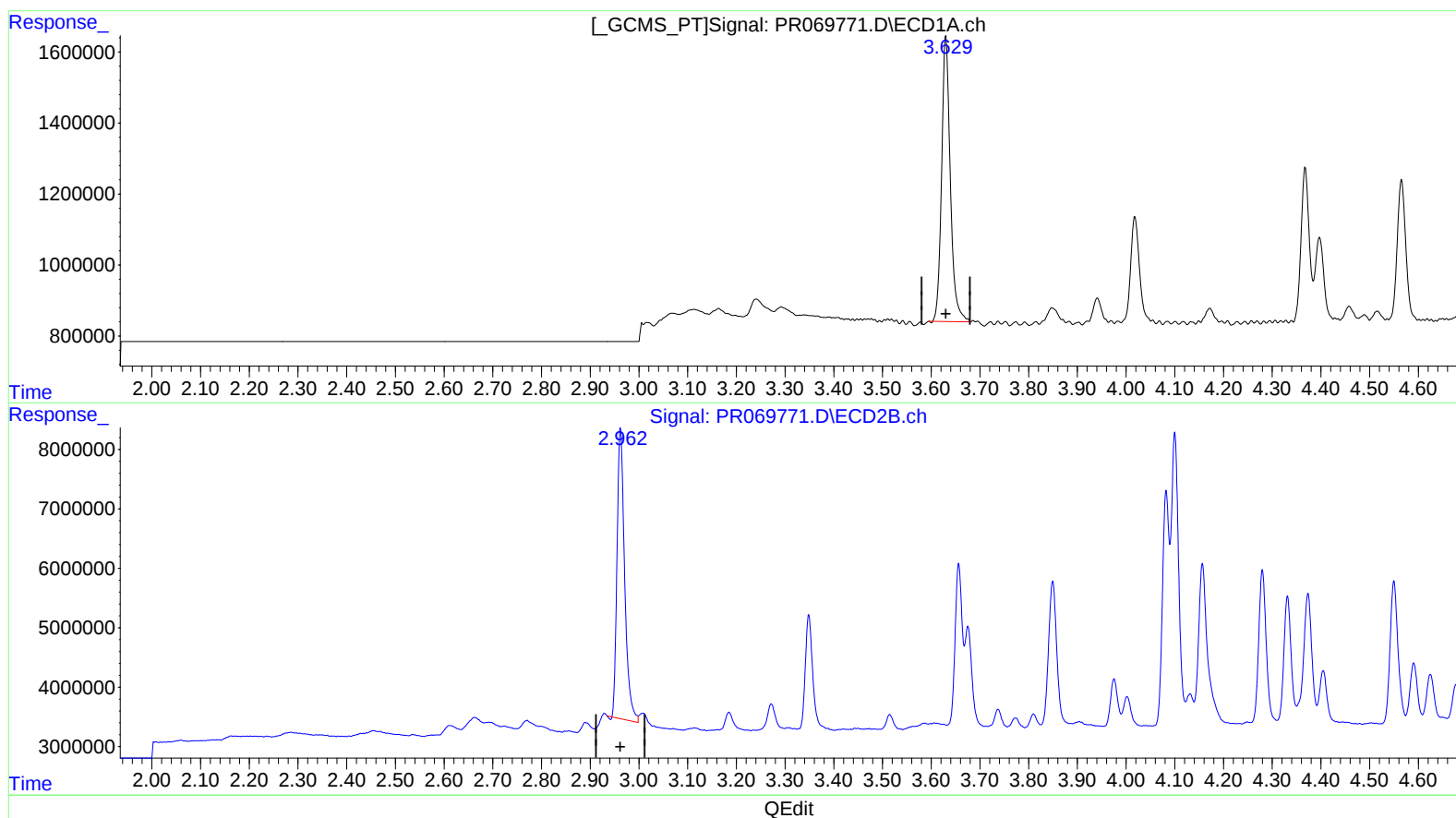
Instrument :
ECD_R
LabSampleId :
AR1660ICC200

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/23/2024
Supervised By :mohammad ahmed 12/25/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 00:14:44 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 00:12:51 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(1) Tetrachloro-m-xylene (SA)

3.630min 9.525 ng/ml

response 9986442

(1) Tetrachloro-m-xylene #2 (SA)

2.962min 9.491 ng/ml

response 53151169

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069771.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 11:52
Operator : AJ\MA
Sample : AR1660ICC200
Misc :
ALS Vial : 4 Sample Multiplier: 1

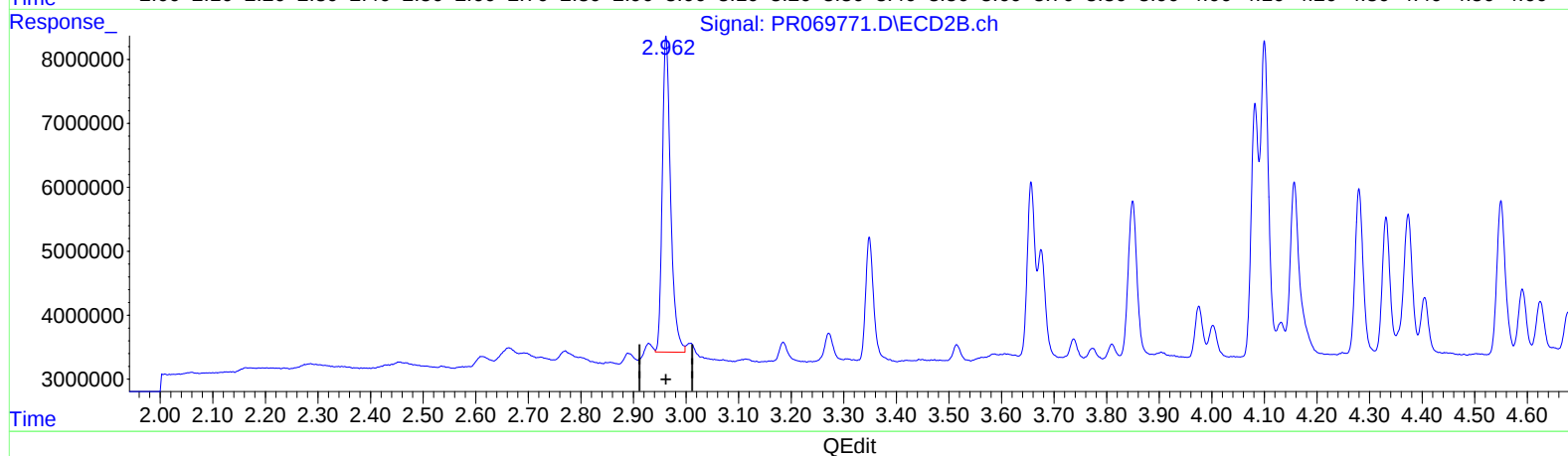
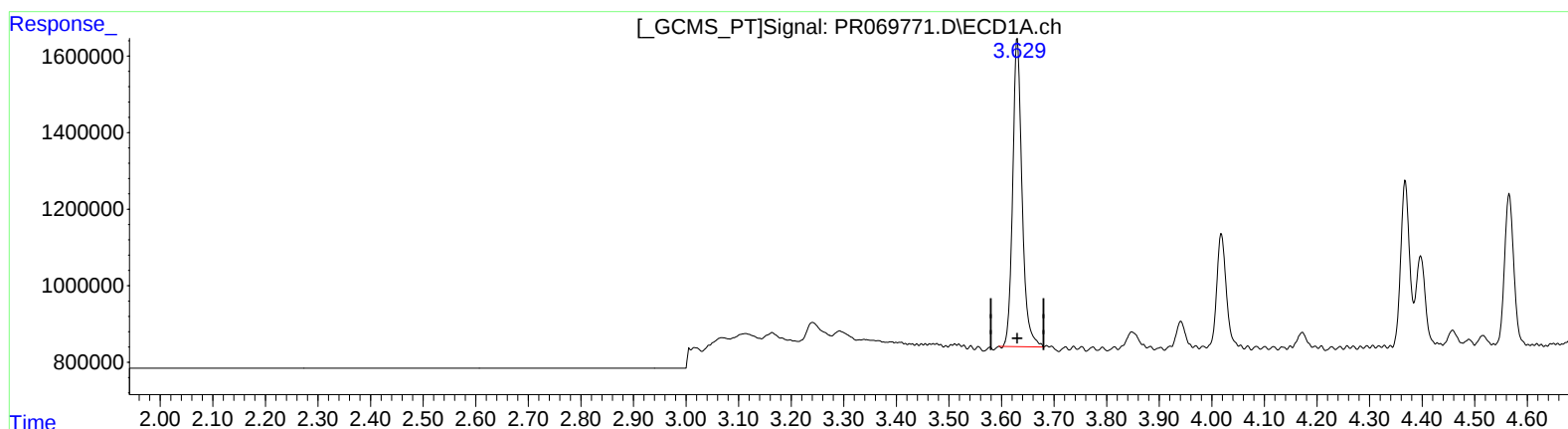
Instrument :
ECD_R
LabSampleId :
AR1660ICC200

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/23/2024
Supervised By :mohammad ahmed 12/25/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 00:14:44 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 00:12:51 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(1) Tetrachloro-m-xylene (SA)

3.630min 9.525 ng/ml

response 9986442

(1) Tetrachloro-m-xylene #2 (SA)

2.962min 9.695 ng/ml m

response 54293729

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069772.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 12:07
 Operator : AJ\MA
 Sample : AR1660ICC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR16603236

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 00:14:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 00:12:51 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.630	2.962	20968579	112.0E6	20.000	20.000
2) SA Decachlor...	9.521	8.237	21195897	133.9E6	40.000	40.000
Target Compounds						
3) L1 AR-1016-1	4.851	4.082	12125275	69252529	400.000	400.000
4) L1 AR-1016-2	4.872	4.100	18582482	101.0E6	400.000	400.000
5) L1 AR-1016-3	4.936	4.280	11388086	53444796	400.000	400.000
6) L1 AR-1016-4	5.039	4.331	8787594	43734884	400.000	400.000
7) L1 AR-1016-5	5.354	4.550	9109056	52780095	400.000	400.000
31) L7 AR-1260-1	6.566	5.646	15798729	91223497	400.000	400.000
32) L7 AR-1260-2	6.848	5.853	17988359	104.8E6	400.000	400.000
33) L7 AR-1260-3	7.238	6.011	14203274	99723172	400.000	400.000
34) L7 AR-1260-4	7.481	6.517	15705078	85648440	400.000	400.000
35) L7 AR-1260-5	7.822	6.784	28237405	199.2E6	400.000	400.000

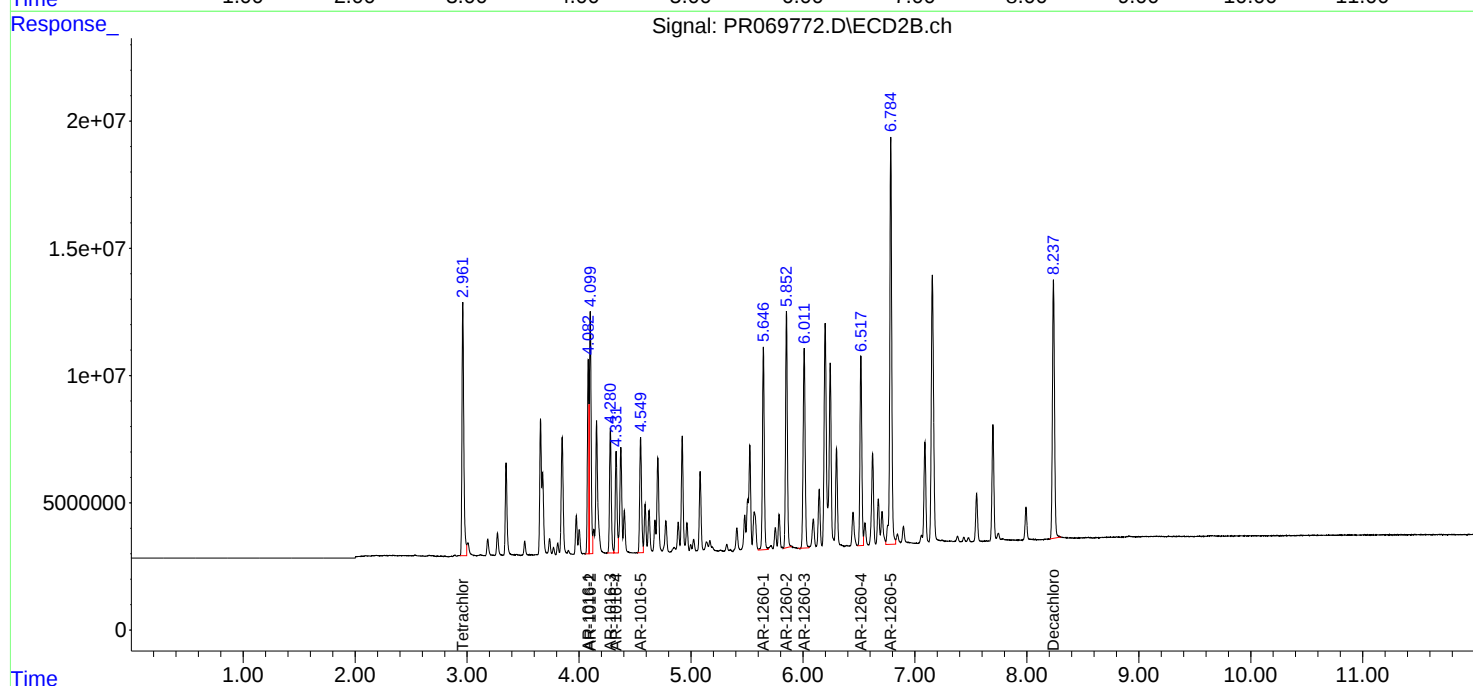
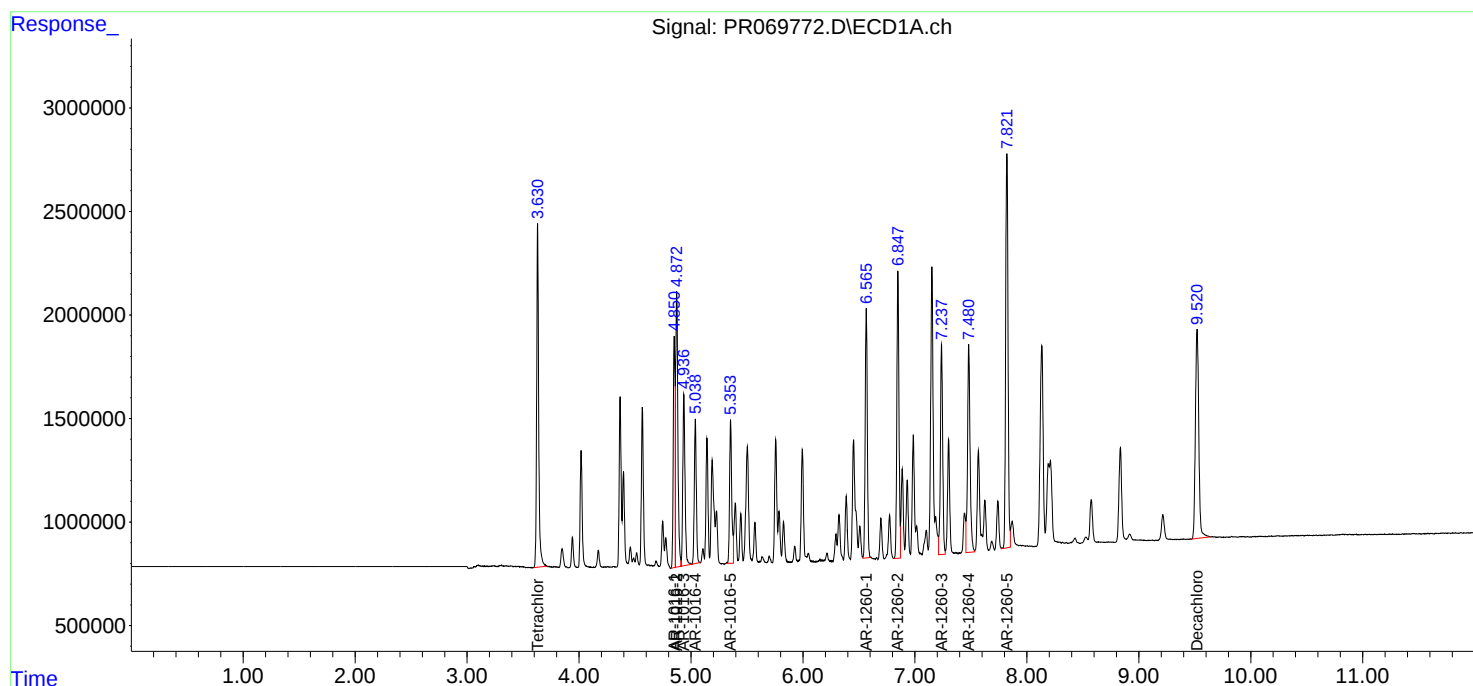
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069772.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 12:07
Operator : AJ\MA
Sample : AR1660ICC400
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR16603236

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 00:14:59 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 00:12:51 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069773.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 12:22
 Operator : AJ\MA
 Sample : AR1660ICC800
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR16604237

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 00:15:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 00:12:51 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.630	2.961	41153580	221.0E6	39.253	39.469
2)	SA Decachlor...	9.524	8.238	39142465	256.8E6	73.868	76.723
Target Compounds							
3)	L1 AR-1016-1	4.851	4.081	23326296	131.7E6	769.510	760.468
4)	L1 AR-1016-2	4.872	4.099	35294797	196.3E6	759.743	777.143
5)	L1 AR-1016-3	4.937	4.279	21686275	102.3E6	761.718	765.505
6)	L1 AR-1016-4	5.039	4.330	17144294	82741411	780.386	756.754
7)	L1 AR-1016-5	5.355	4.549	17654116	102.8E6	775.234	778.982
31)	L7 AR-1260-1	6.566	5.646	30264384	171.4E6	766.249	751.494
32)	L7 AR-1260-2	6.850	5.852	33917257	200.9E6	754.205	766.757
33)	L7 AR-1260-3	7.240	6.010	26498397	193.8E6	746.262	777.416
34)	L7 AR-1260-4	7.483	6.517	29828917	164.4E6	759.727	767.983
35)	L7 AR-1260-5	7.823	6.784	53447521	387.8E6	757.117	778.522

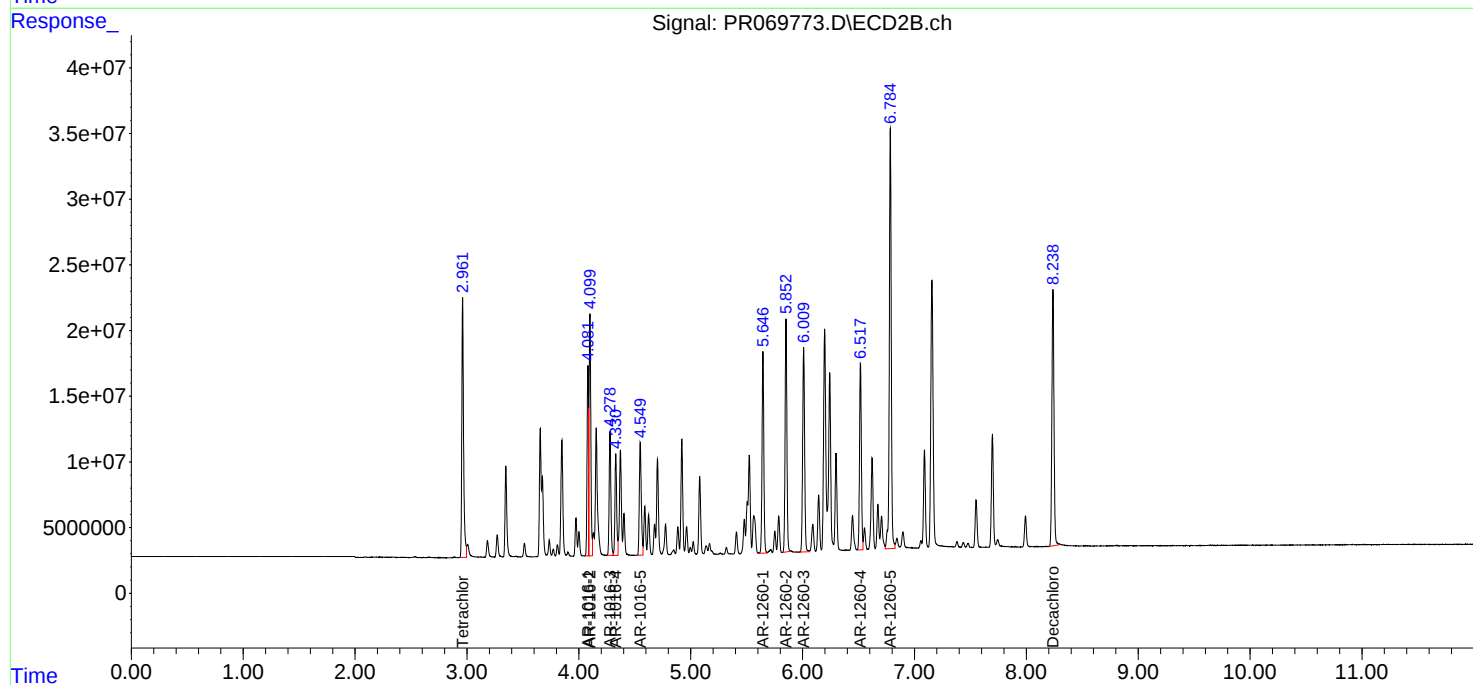
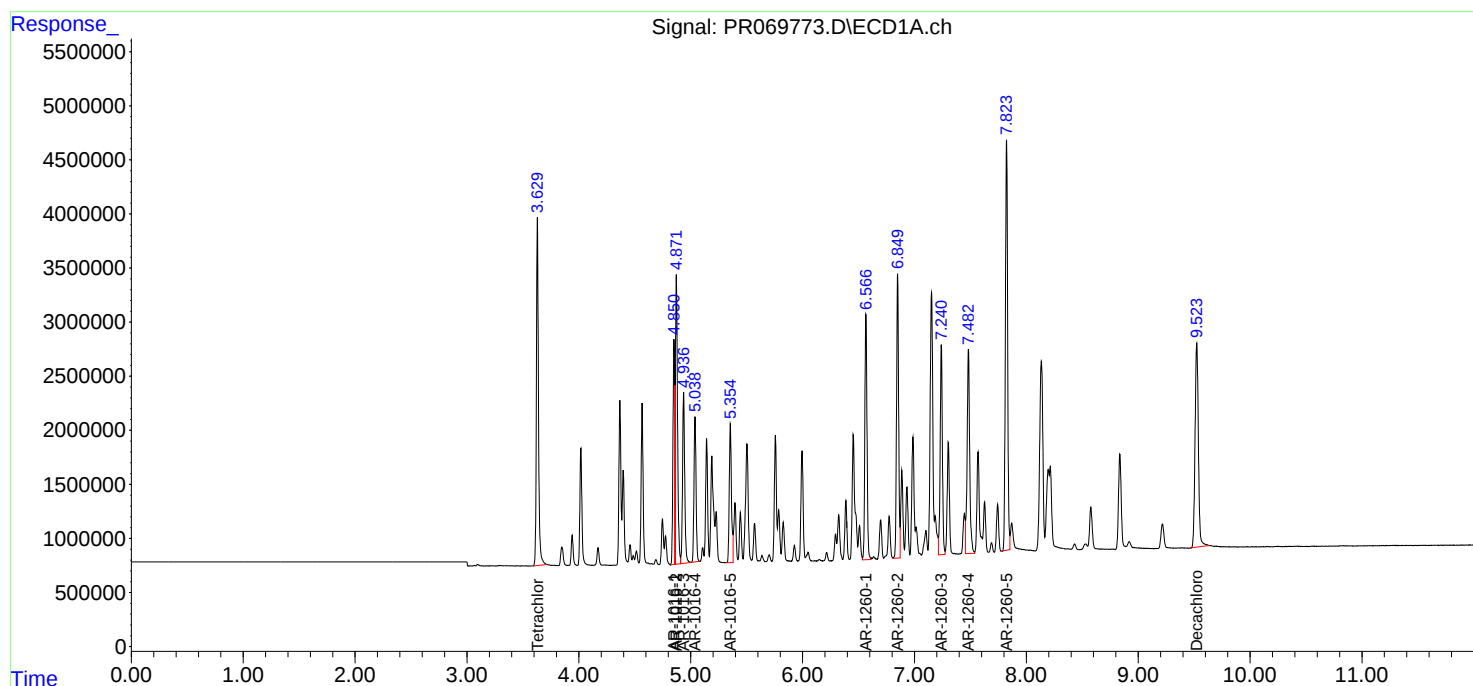
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069773.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 12:22
Operator : AJ\MA
Sample : AR1660ICC800
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR16604237

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 00:15:15 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 00:12:51 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069774.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 12:37
 Operator : AJ\MA
 Sample : AR1660ICC1600
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR16605238

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 00:15:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 00:12:51 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.630	2.961	79210072	423.6E6	75.551	75.633
2) SA Decachlor...	9.521	8.238	73230483	491.4E6	138.197	146.781
Target Compounds						
3) L1 AR-1016-1	4.851	4.081	43242872	246.8E6	1426.537	1425.335
4) L1 AR-1016-2	4.872	4.099	66904044	369.0E6	1440.153	1461.054
5) L1 AR-1016-3	4.937	4.279	39931495	190.7E6	1402.571	1426.899
6) L1 AR-1016-4	5.039	4.330	31970100	151.1E6	1455.238	1382.133
7) L1 AR-1016-5	5.355	4.549	32595885	189.1E6	1431.362	1433.108
31) L7 AR-1260-1	6.565	5.645	56618570	322.3E6	1433.497	1413.311
32) L7 AR-1260-2	6.849	5.852	63784503	379.7E6	1418.351	1449.171
33) L7 AR-1260-3	7.240	6.010	50381354	369.2E6	1418.866	1480.754
34) L7 AR-1260-4	7.483	6.518	56093929	315.1E6	1428.683	1471.384
35) L7 AR-1260-5	7.822	6.784	104.6E6	755.6E6	1481.881	1516.969

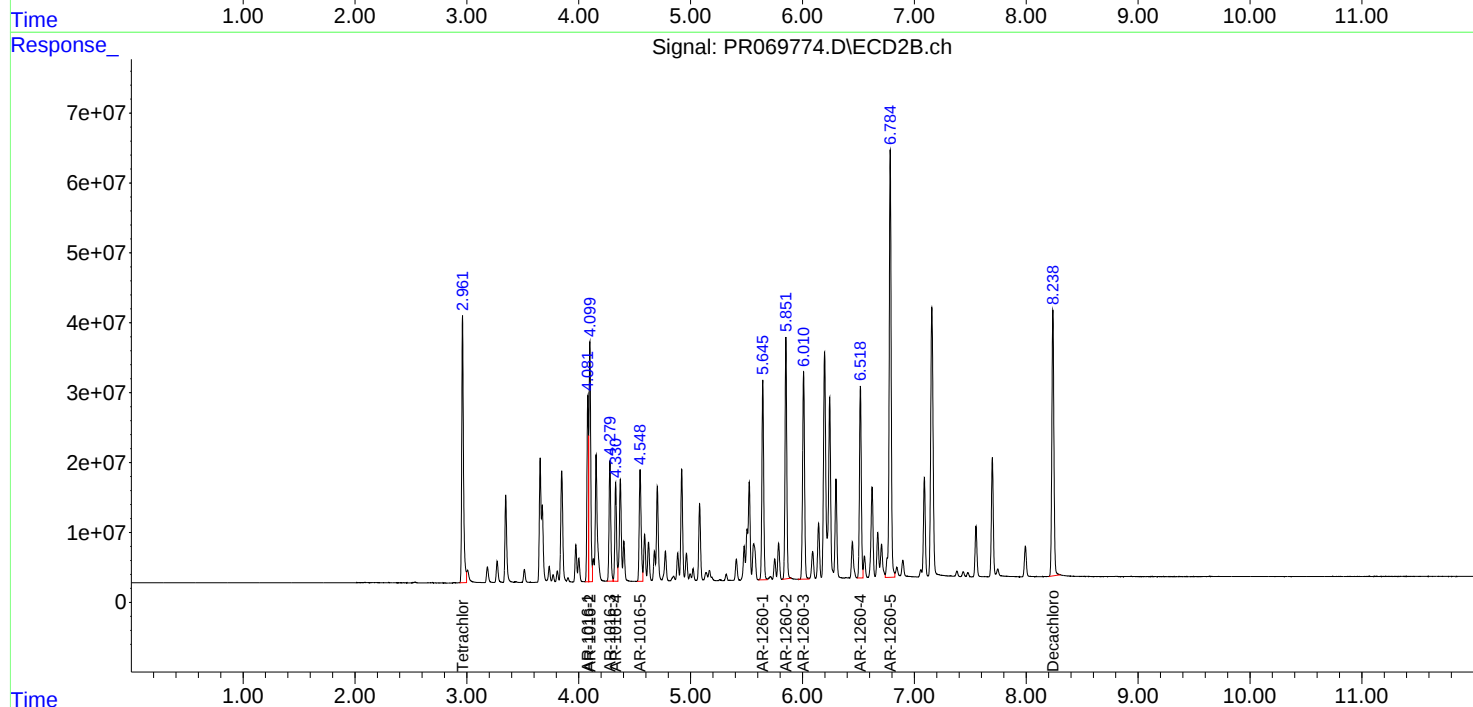
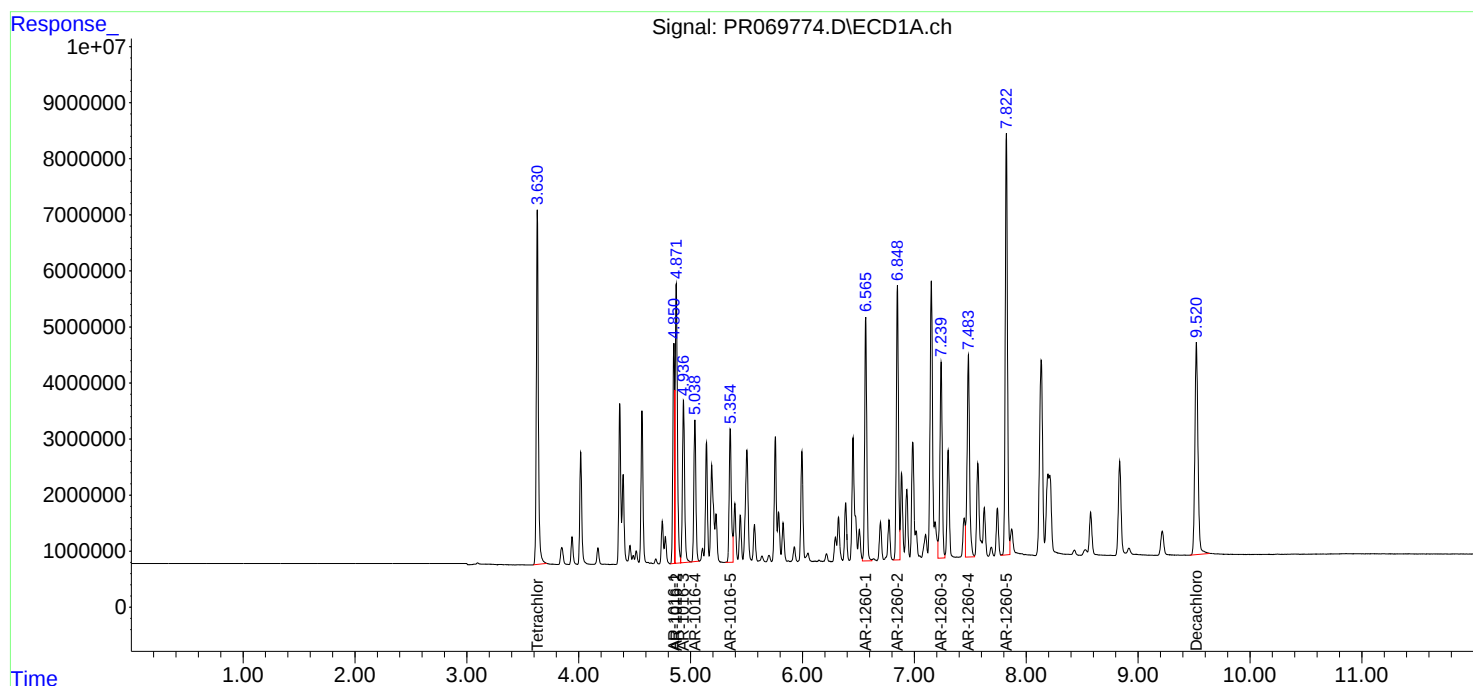
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069774.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 12:37
Operator : AJ\MA
Sample : AR1660ICC1600
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR16605238

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 00:15:32 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 00:12:51 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069775.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 12:51
 Operator : AJ\MA
 Sample : AR1221ICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR12211239

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 00:29:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 00:25:51 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.630	2.961	5829789	30053750	5.518	5.542
2) SA Decachlor...	9.523	8.239	5589533	35840008	10.945	10.897
Target Compounds						
8) L2 AR-1221-1	3.854	3.185	1349743	7173522	116.010	110.371
9) L2 AR-1221-2	3.942	3.271	949465	5143020	116.843	114.946
10) L2 AR-1221-3	4.019	3.348	3202092	17391244	120.638	118.946

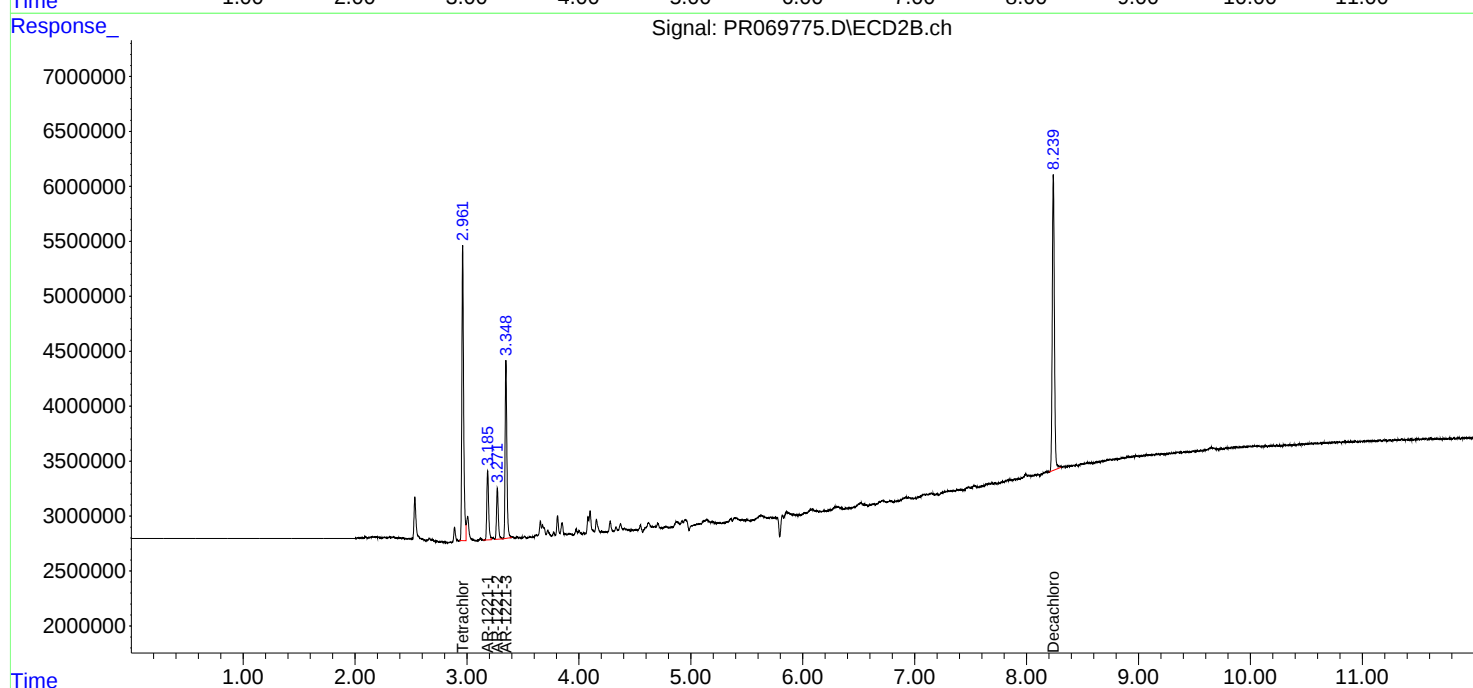
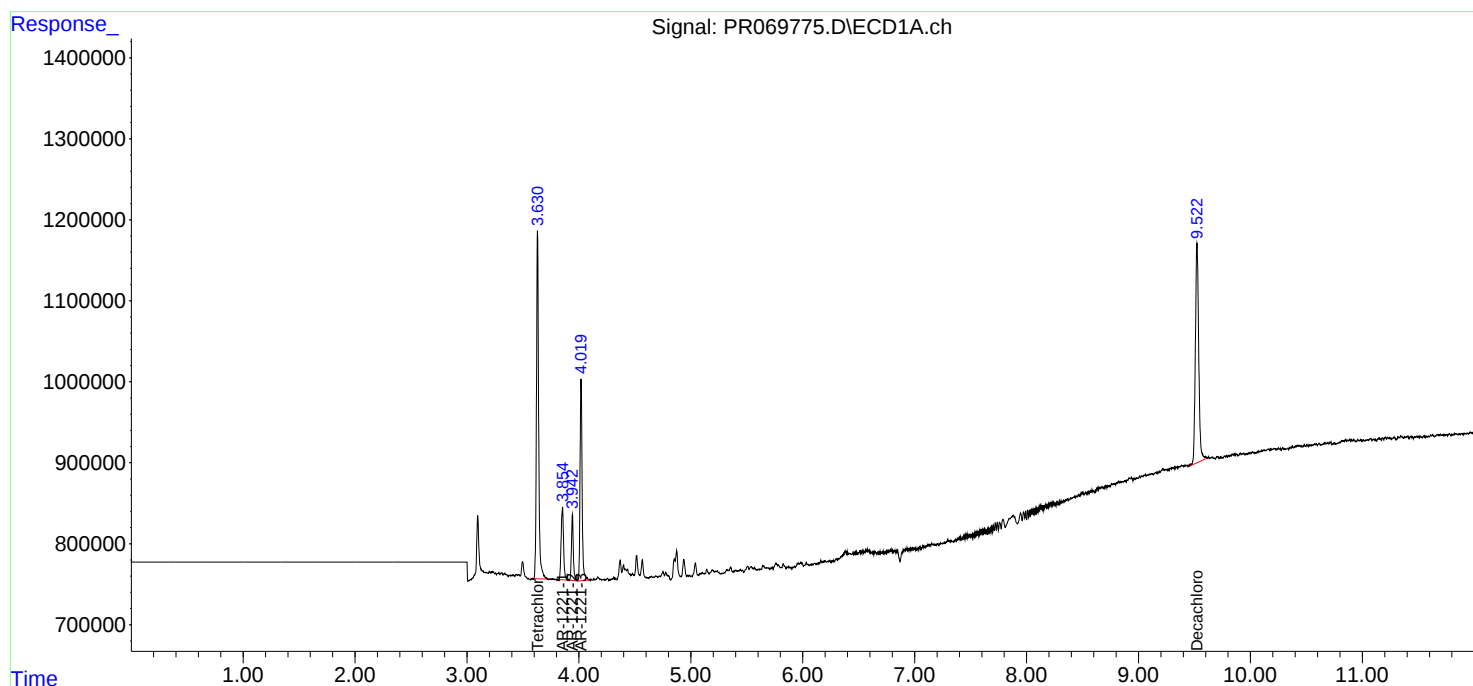
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069775.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 12:51
Operator : AJ\MA
Sample : AR1221ICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12211239

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 00:29:59 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 00:25:51 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069776.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 13:06
 Operator : AJ\MA
 Sample : AR1221ICC200
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR12212240

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 00:30:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 00:25:51 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.630	2.962	10979928	57508863	10.392	10.606
2) SA Decachlor...	9.521	8.238	10268216	69338894	20.106	21.082
Target Compounds						
8) L2 AR-1221-1	3.853	3.185	2509277	14487154	215.671	222.897
9) L2 AR-1221-2	3.941	3.272	1719618	9783148	211.619	218.652
10) L2 AR-1221-3	4.019	3.349	5800464	32103447	218.530	219.569

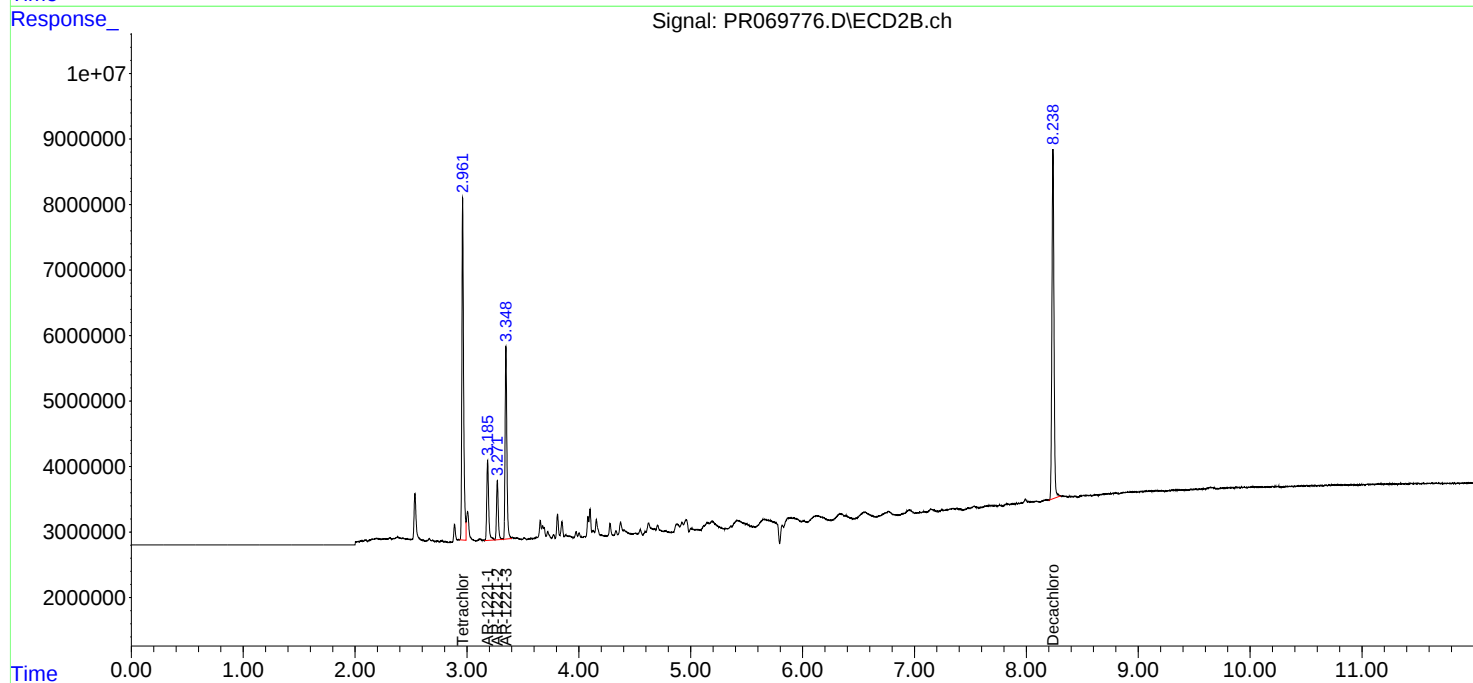
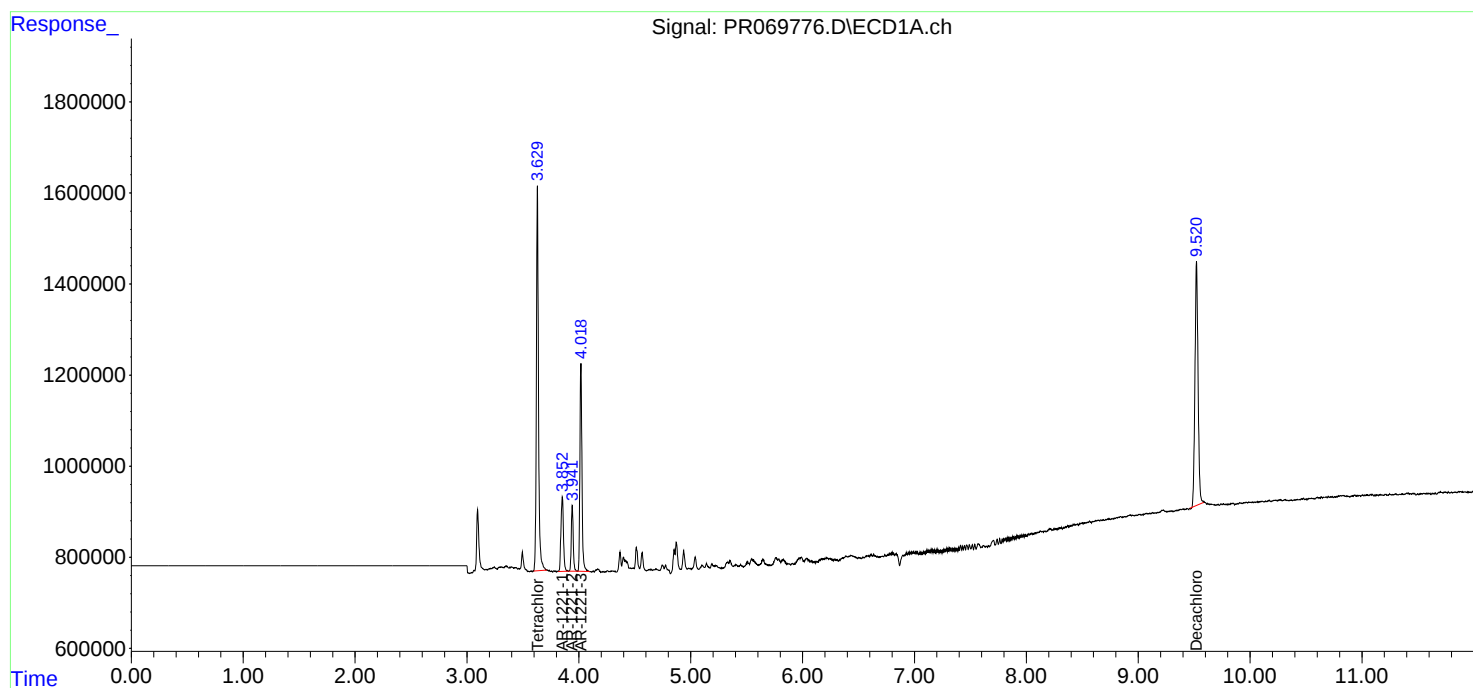
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069776.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 13:06
Operator : AJ\MA
Sample : AR1221ICC200
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12212240

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 00:30:12 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 00:25:51 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069777.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 13:21
 Operator : AJ\MA
 Sample : AR1221ICC400
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR12213241

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 00:30:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 00:25:51 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.631	2.962	21131180	108.4E6	20.000	20.000
2) SA Decachlor...	9.521	8.238	20427803	131.6E6	40.000	40.000
Target Compounds						
8) L2 AR-1221-1	3.853	3.185	4653899	25997904	400.000	400.000
9) L2 AR-1221-2	3.942	3.272	3250398	17897231	400.000	400.000
10) L2 AR-1221-3	4.019	3.348	10617216	58484413	400.000	400.000

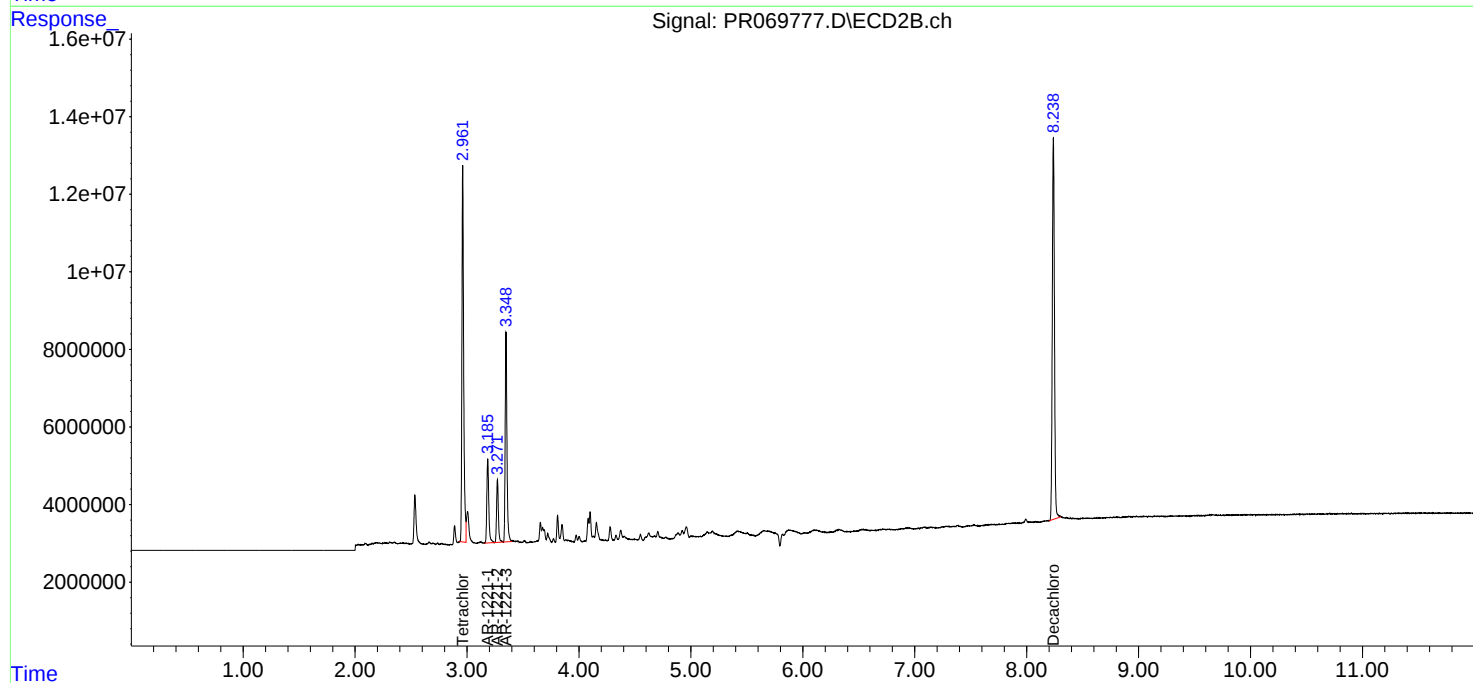
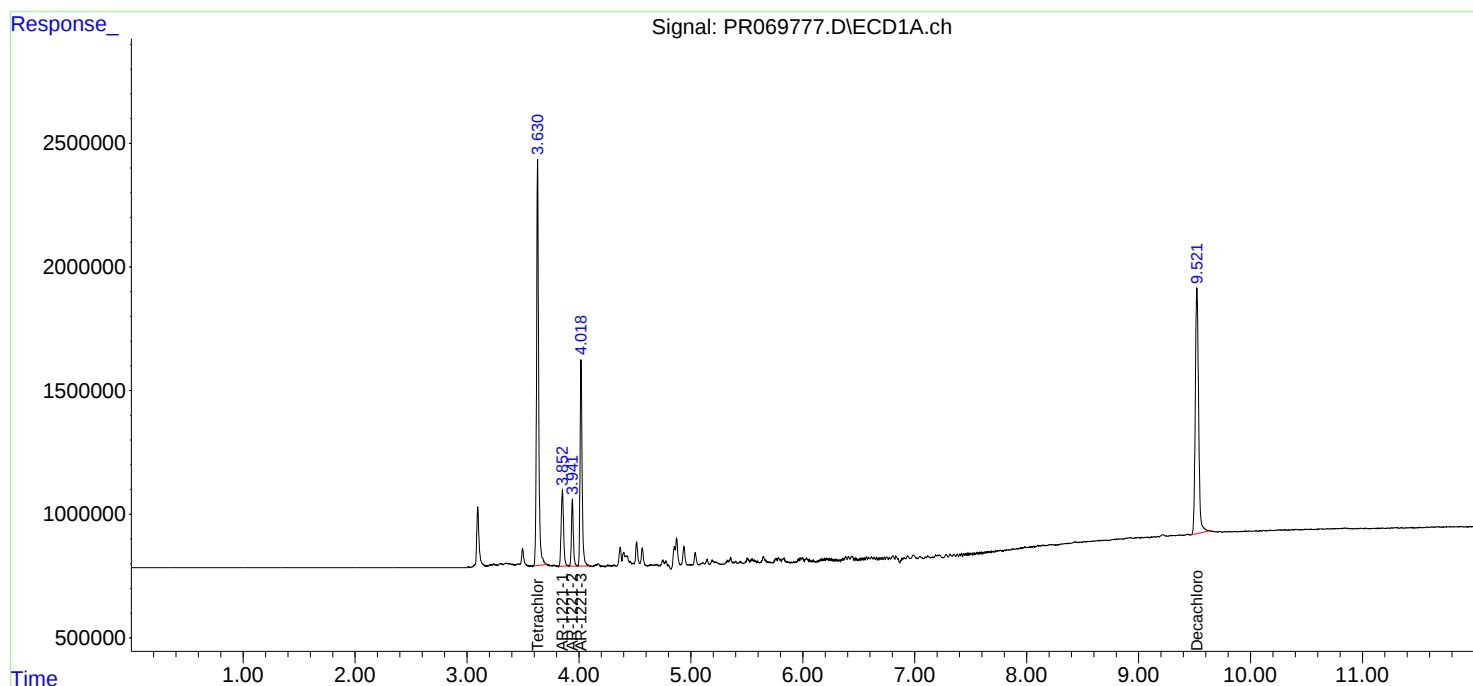
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069777.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 13:21
Operator : AJ\MA
Sample : AR1221ICC400
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12213241

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 00:30:28 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 00:25:51 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069778.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 13:35
 Operator : AJ\MA
 Sample : AR1221ICC800
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR12214242

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 00:30:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 00:25:51 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.630	2.962	42123763	215.9E6	39.869	39.815
2) SA Decachlor...	9.521	8.238	39751428	259.5E6	77.838	78.889
Target Compounds						
8) L2 AR-1221-1	3.853	3.185	8872233	49881491	762.563	767.469
9) L2 AR-1221-2	3.941	3.272	6094250	34915461	749.970	780.354
10) L2 AR-1221-3	4.018	3.348	20504054	111.9E6	772.483	765.604

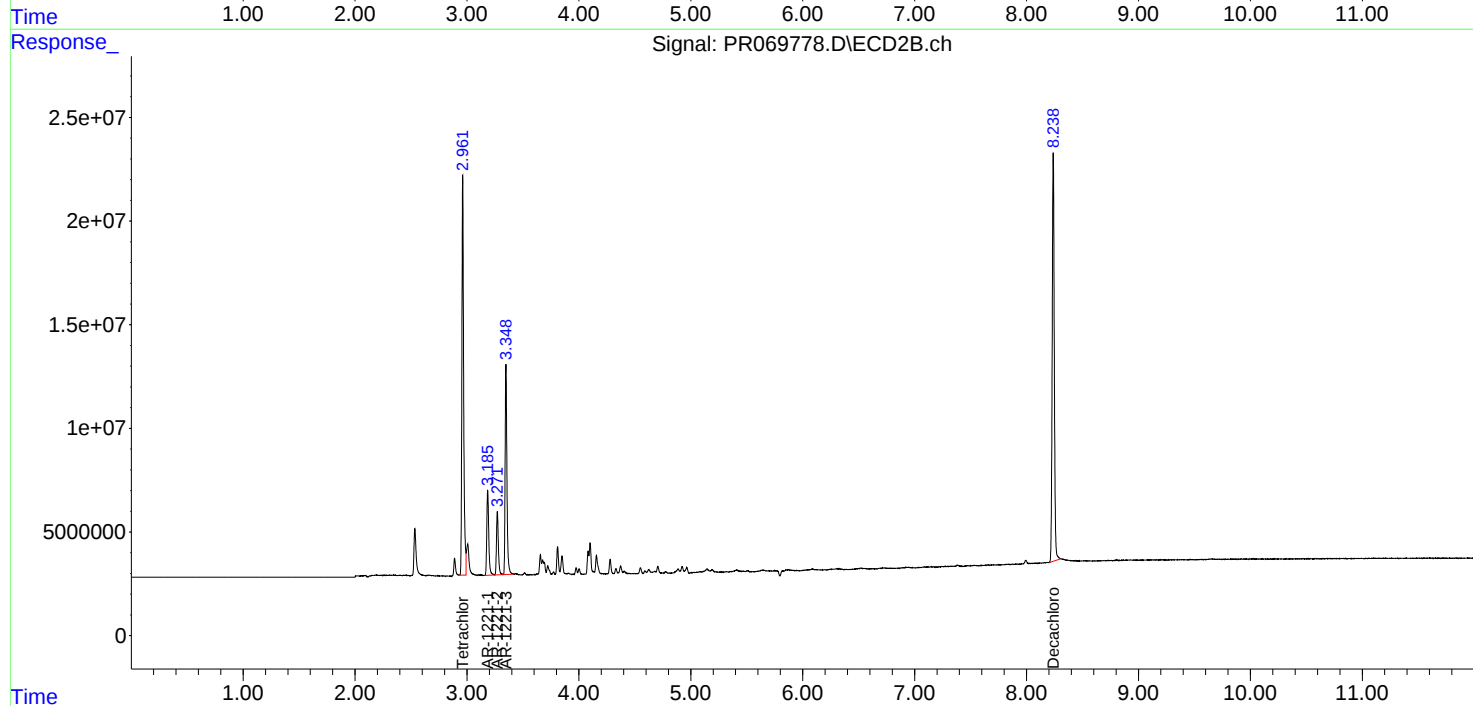
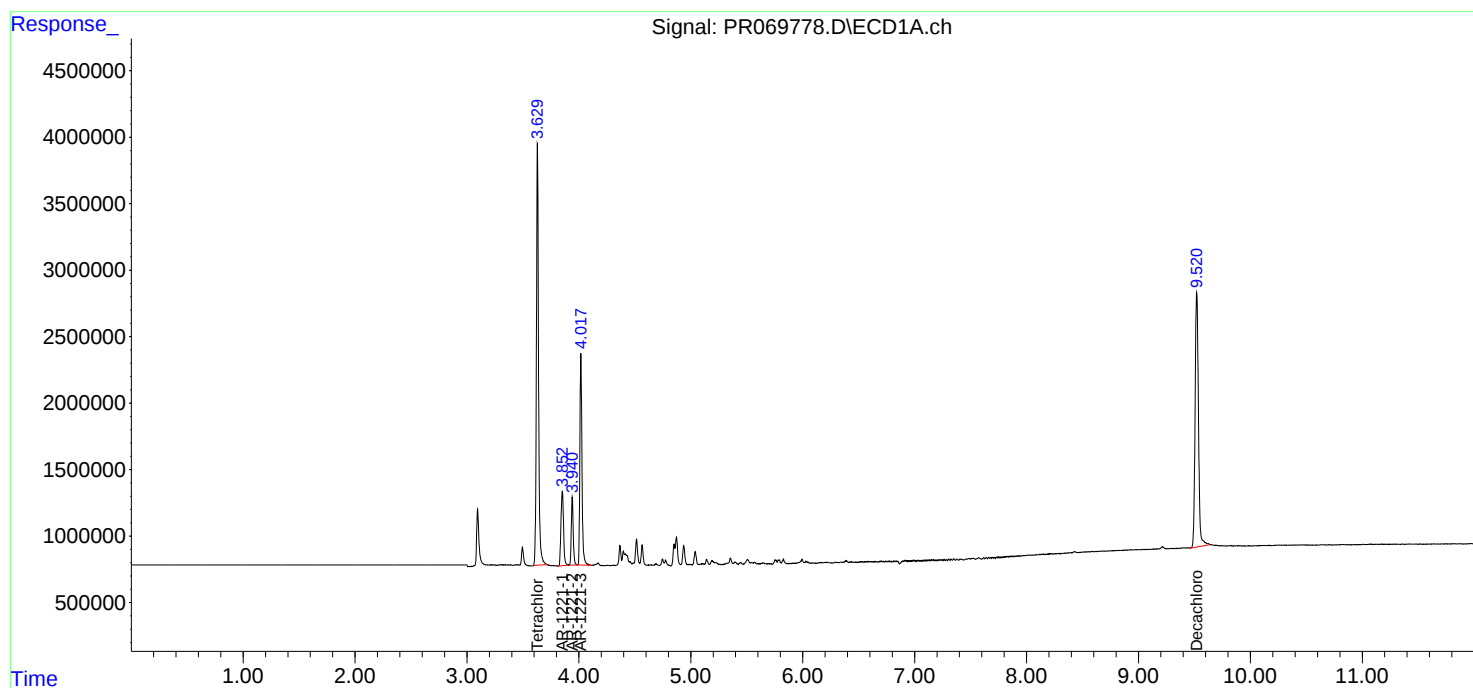
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069778.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 13:35
Operator : AJ\MA
Sample : AR1221ICC800
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12214242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 00:30:45 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 00:25:51 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069779.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 13:50
 Operator : AJ\MA
 Sample : AR1221ICC1600
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR12215243

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 00:30:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 00:25:51 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.630	2.962	80440693	411.9E6	76.135	75.953
2) SA Decachlor...	9.522	8.238	73936203	503.5E6	144.776	153.087
Target Compounds						
8) L2 AR-1221-1	3.851	3.185	16257312	90579702	1397.307	1393.646
9) L2 AR-1221-2	3.940	3.271	11076631	62846505	1363.111	1404.608
10) L2 AR-1221-3	4.018	3.348	37094879	202.2E6	1397.537	1383.128

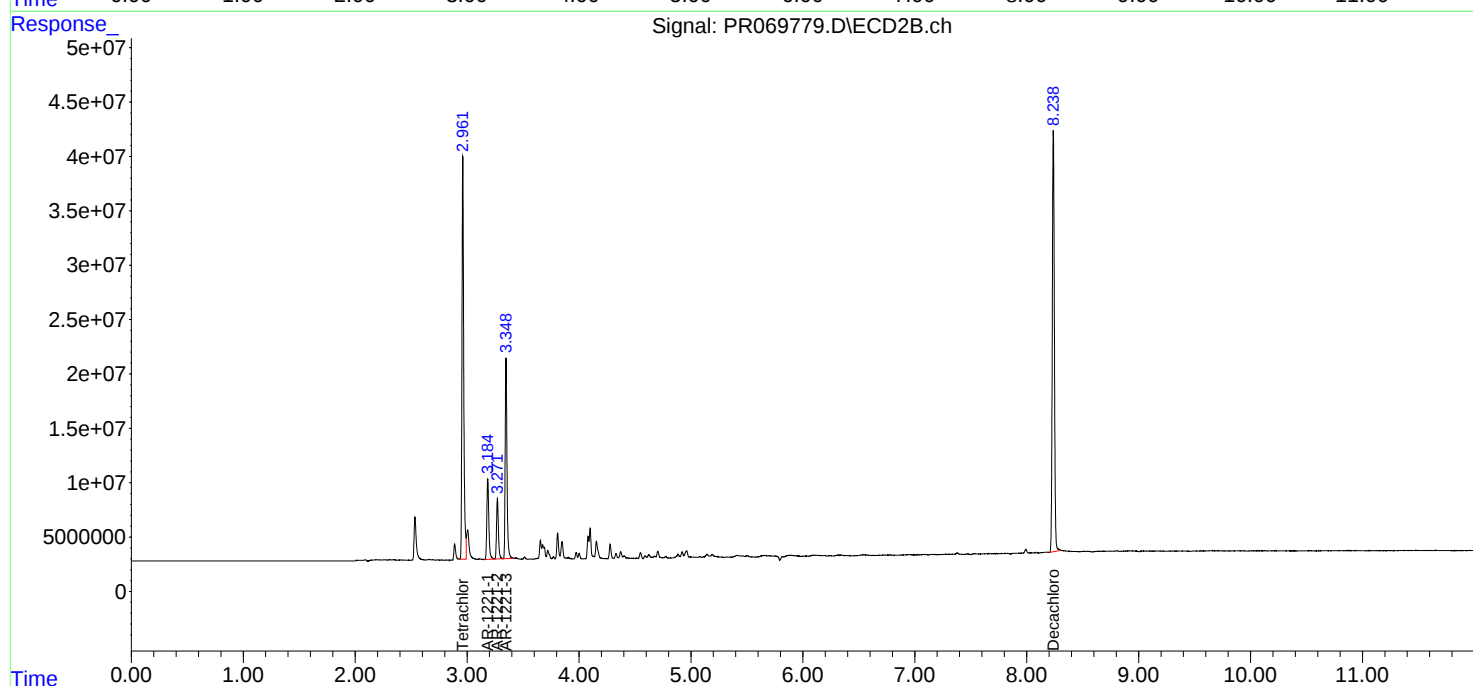
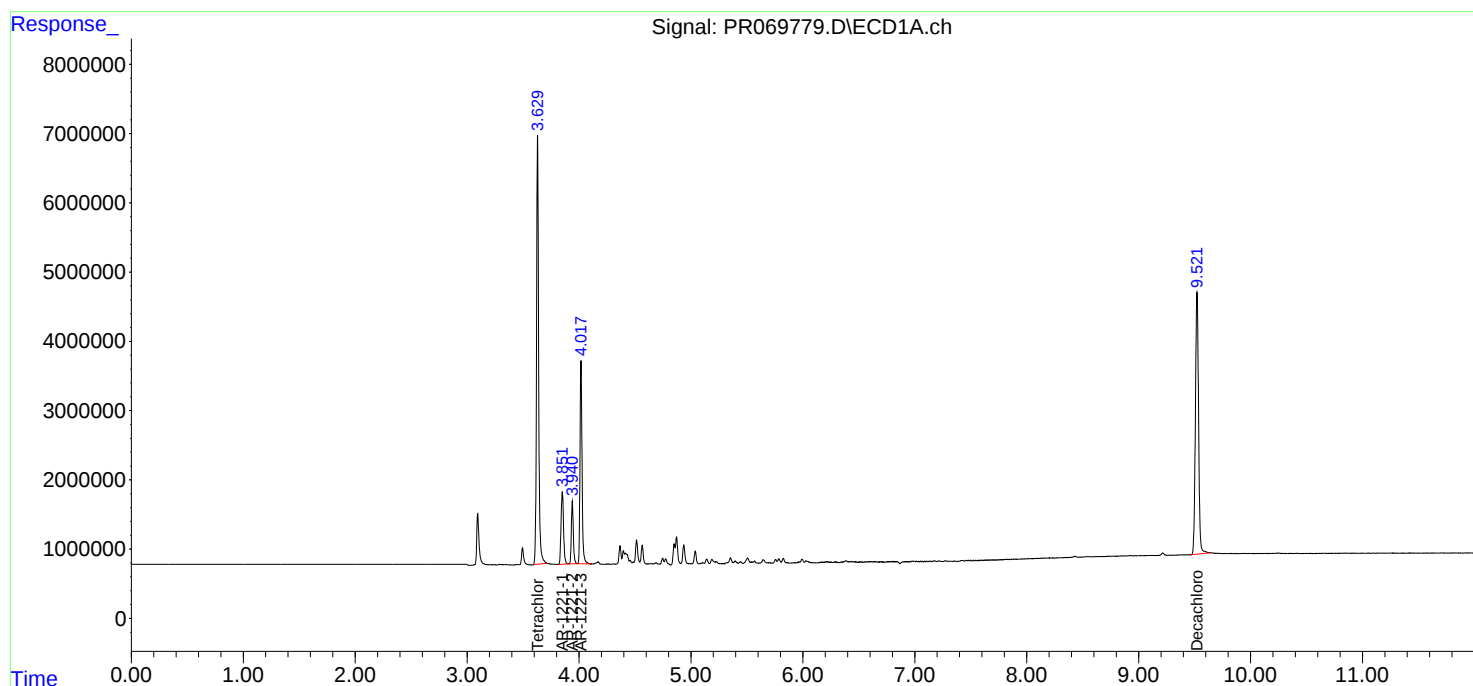
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069779.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 13:50
Operator : AJ\MA
Sample : AR1221ICC1600
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12215243

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 00:30:59 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 00:25:51 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069780.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 14:05
 Operator : AJ\MA
 Sample : AR1232ICC100
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR12321244

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 01:40:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 01:40:07 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.630	2.961	5137587	32063431	4.804	5.740
2) SA Decachlor...	9.521	8.238	5710173	37386842	11.130	11.040
Target Compounds						
11) L3 AR-1232-1	4.019	3.348	2527953	13944092	116.436	115.790
12) L3 AR-1232-2	4.566	4.099	1233816	12795511	110.932	109.912
13) L3 AR-1232-3	4.873	4.279	2489591	6908258	119.227	114.807
14) L3 AR-1232-4	5.040	4.373	1119109	6275619	112.055	114.041
15) L3 AR-1232-5	5.143	4.550	751530	6205179	102.902	110.190

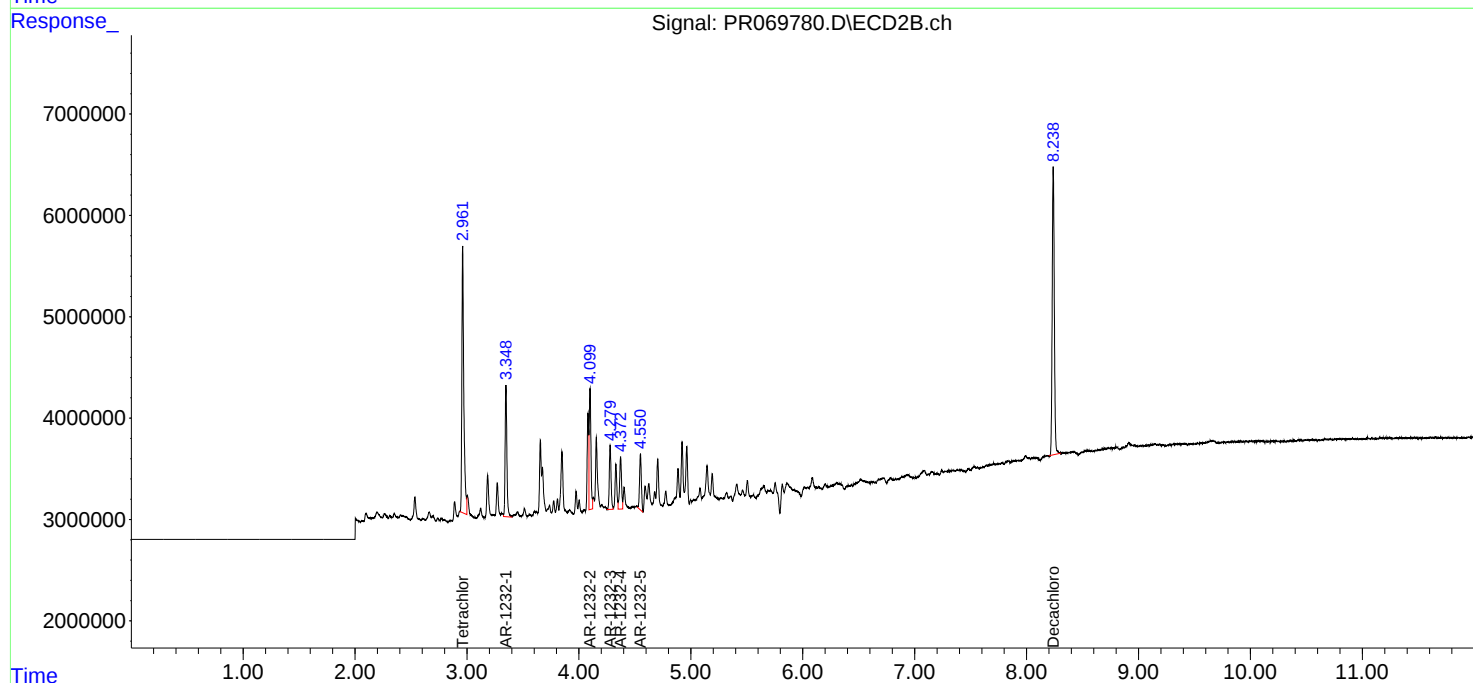
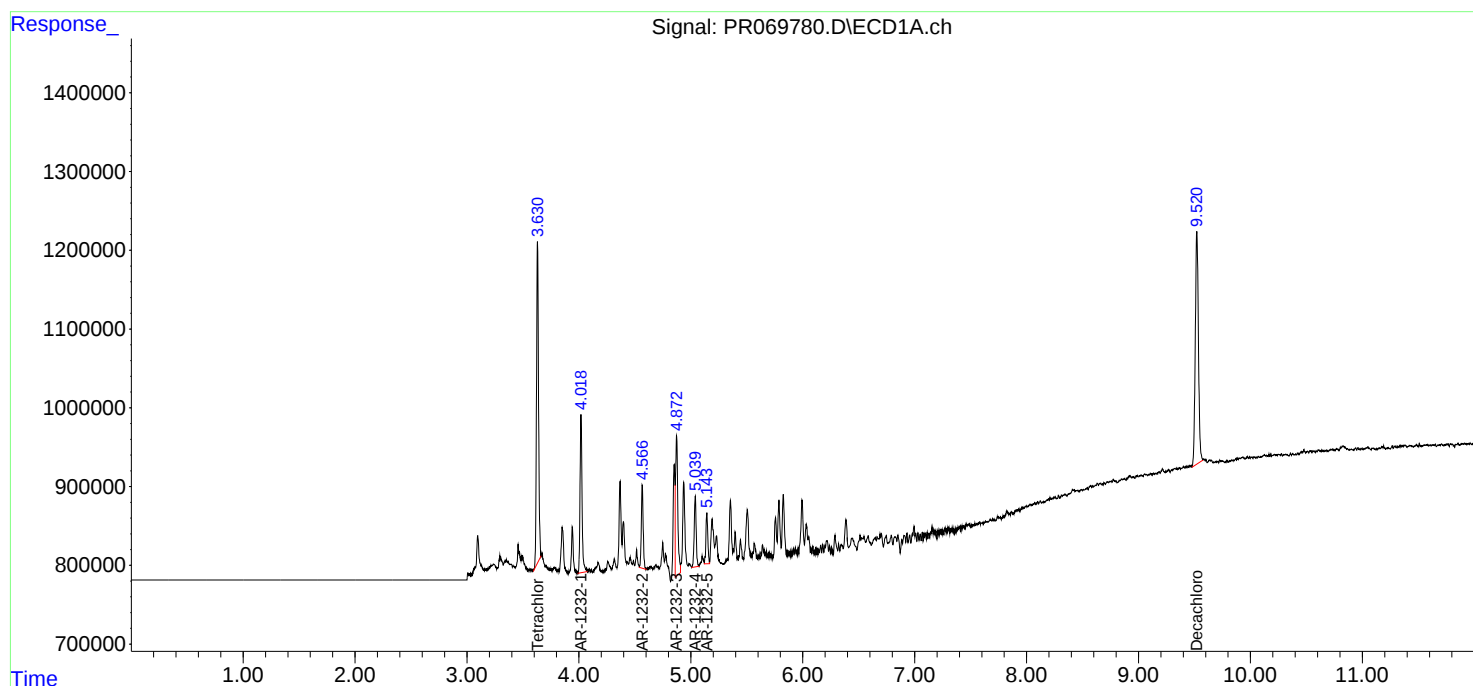
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069780.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 14:05
Operator : AJ\MA
Sample : AR1232ICC100
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12321244

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 01:40:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 01:40:07 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069781.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 14:19
 Operator : AJ\MA
 Sample : AR1232ICC200
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR12322245

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 01:40:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 01:40:07 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.630	2.962	11045312	58989135	10.328	10.559
2) SA Decachlor...	9.522	8.238	11032787	71923532	21.505	21.238
Target Compounds						
11) L3 AR-1232-1	4.018	3.348	4761347	26141658	219.304	217.077
12) L3 AR-1232-2	4.566	4.100	2302105	25151752	206.981	216.051
13) L3 AR-1232-3	4.873	4.279	4522322	13067588	216.575	217.168
14) L3 AR-1232-4	5.039	4.373	2105567	12047339	210.827	218.924
15) L3 AR-1232-5	5.142	4.549	1574259	11788056	215.553	209.329

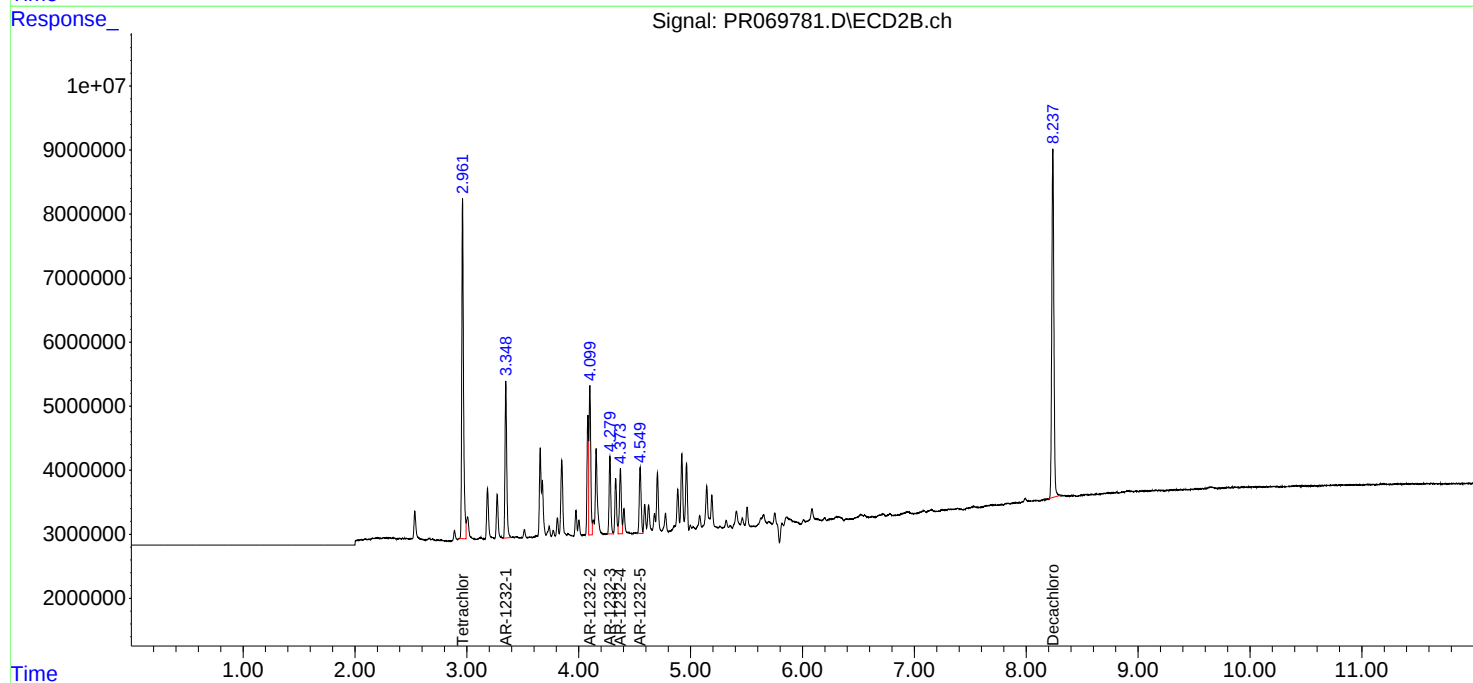
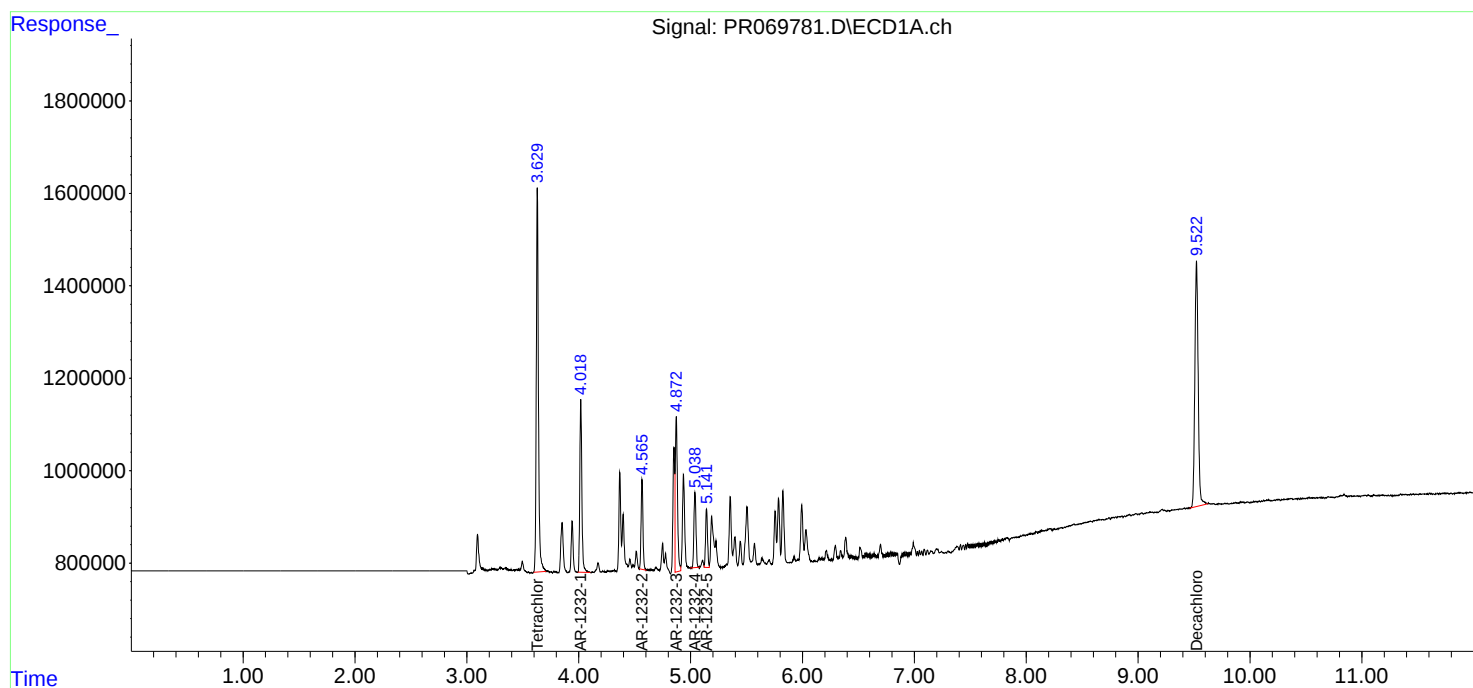
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069781.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 14:19
Operator : AJ\MA
Sample : AR1232ICC200
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12322245

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 01:40:57 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 01:40:07 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069782.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 14:34
 Operator : AJ\MA
 Sample : AR1232ICC400
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR12323246

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 01:41:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 01:40:07 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.630	2.961	21388816	111.7E6	20.000	20.000
2) SA Decachlor...	9.521	8.239	20521163	135.5E6	40.000	40.000
Target Compounds						
11) L3 AR-1232-1	4.018	3.348	8684472	48170261	400.000	400.000
12) L3 AR-1232-2	4.566	4.100	4448913	46566395	400.000	400.000
13) L3 AR-1232-3	4.873	4.279	8352426	24069091	400.000	400.000
14) L3 AR-1232-4	5.040	4.373	3994868	22011886	400.000	400.000
15) L3 AR-1232-5	5.143	4.549	2921334	22525445	400.000	400.000

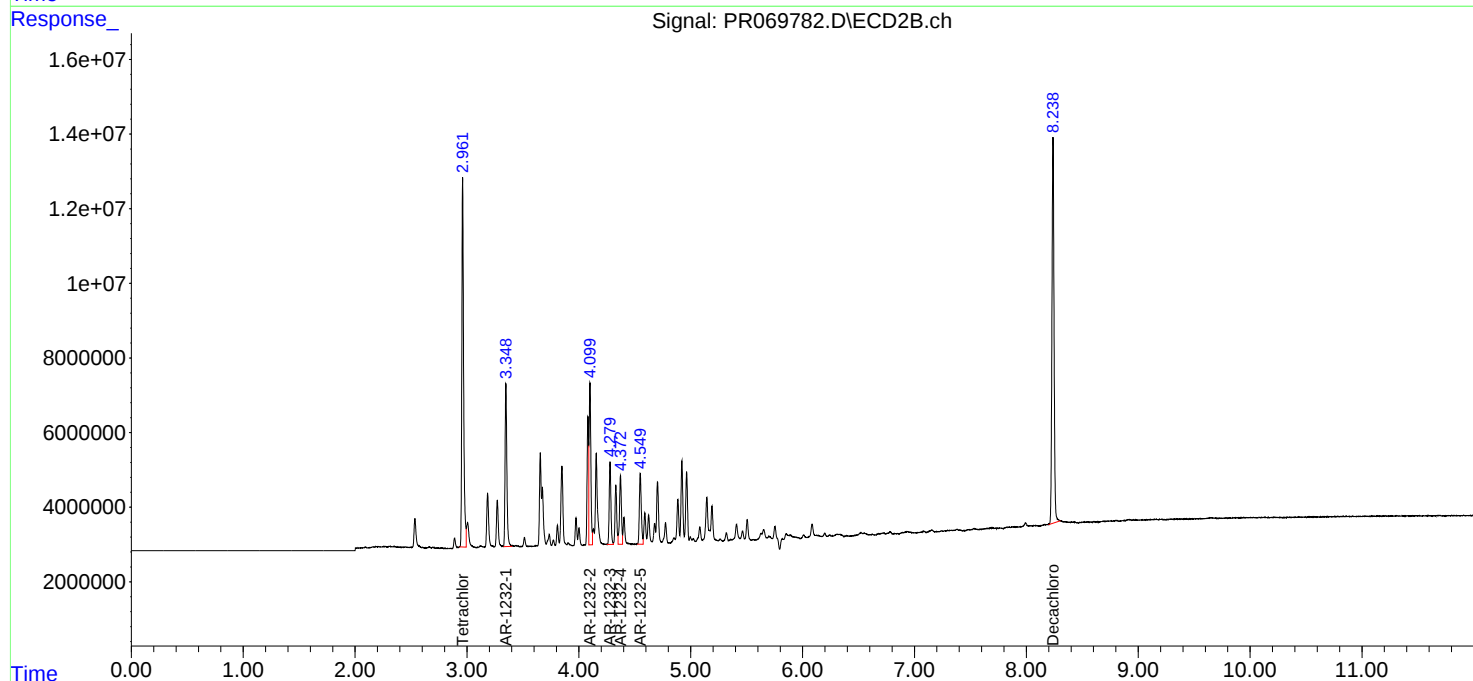
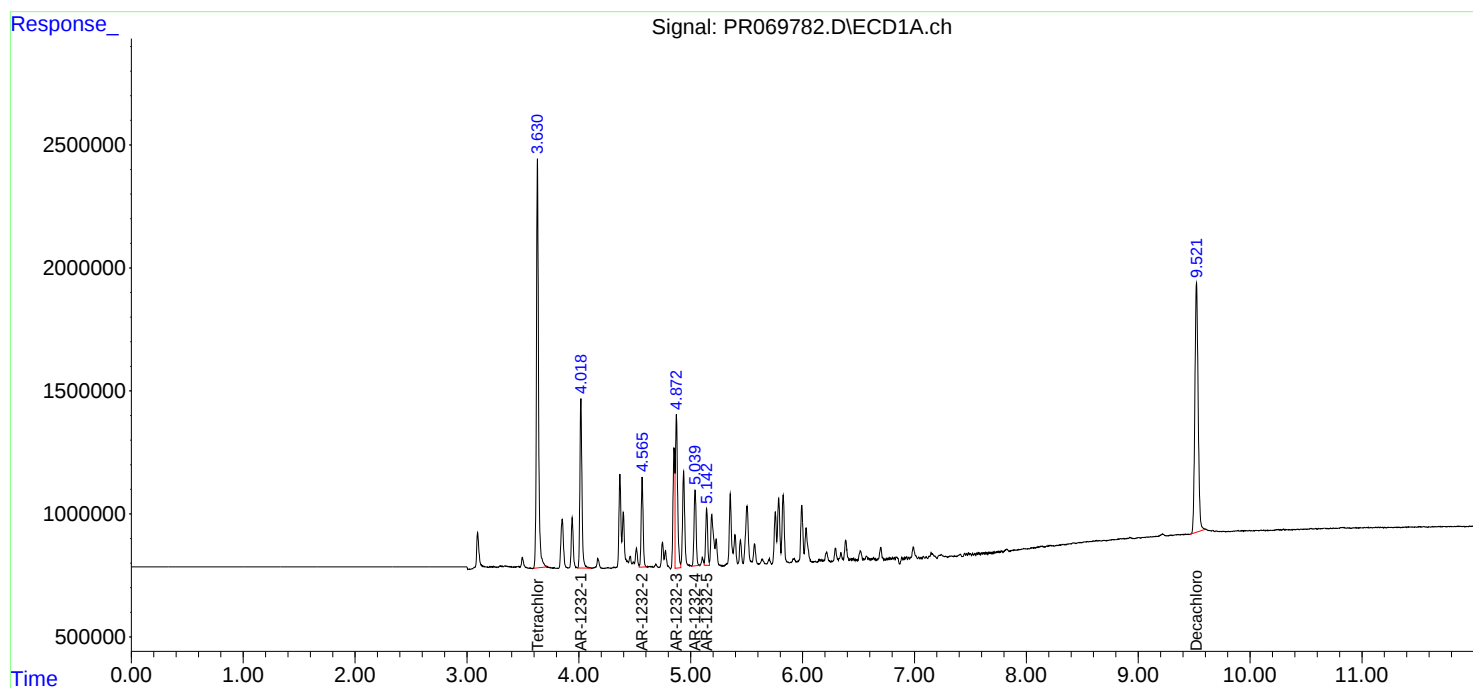
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069782.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 14:34
Operator : AJ\MA
Sample : AR1232ICC400
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12323246

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 01:41:10 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 01:40:07 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069783.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 14:49
 Operator : AJ\MA
 Sample : AR1232ICC800
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR12324247

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 01:41:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 01:40:07 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.630	2.962	41765479	219.2E6	39.054	39.229
2) SA Decachlor...	9.524	8.241	39712254	263.0E6	77.407	77.669
Target Compounds						
11) L3 AR-1232-1	4.019	3.349	16310844	89872258	751.265	746.288
12) L3 AR-1232-2	4.566	4.100	8318875	89061176	747.947	765.025
13) L3 AR-1232-3	4.873	4.279	15775710	46024276	755.503	764.869
14) L3 AR-1232-4	5.039	4.373	7509031	39853499	751.868	724.218
15) L3 AR-1232-5	5.142	4.549	5432585	42555710	743.850	755.691

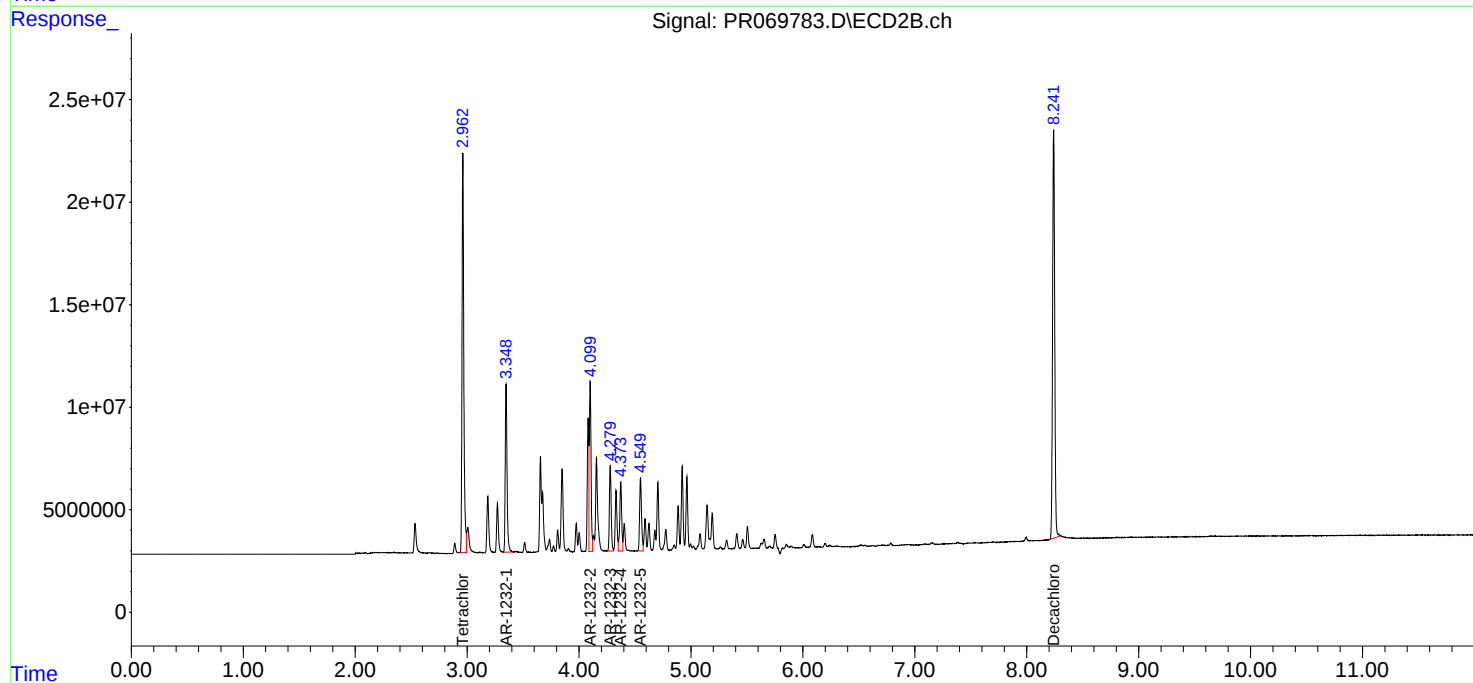
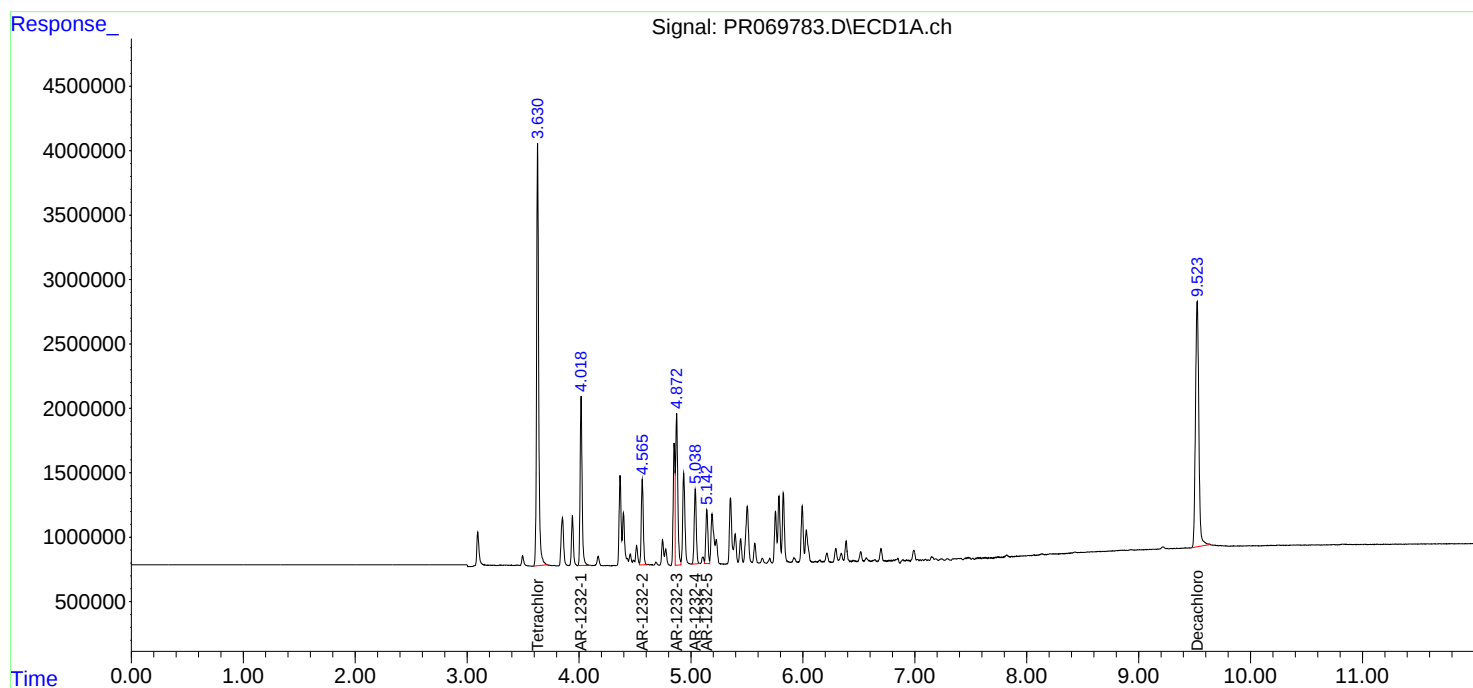
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069783.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 14:49
Operator : AJ\MA
Sample : AR1232ICC800
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12324247

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 01:41:23 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 01:40:07 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069784.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 15:03
 Operator : AJ\MA
 Sample : AR1232ICC1600
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR12325248

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 01:41:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 01:40:07 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.630	2.962	79043550	404.2E6	73.911	72.346
2) SA Decachlor...	9.524	8.240	73744153	497.8E6	143.743	146.986
Target Compounds						
11) L3 AR-1232-1	4.019	3.349	28799748	157.1E6	1326.494	1304.798
12) L3 AR-1232-2	4.566	4.101	15800208	160.3E6	1420.590	1377.386
13) L3 AR-1232-3	4.873	4.280	29668812	81447559	1420.848	1353.563
14) L3 AR-1232-4	5.040	4.373	13845604	69954272	1386.339	1271.209
15) L3 AR-1232-5	5.142	4.550	9551363	72877764	1307.809	1294.141

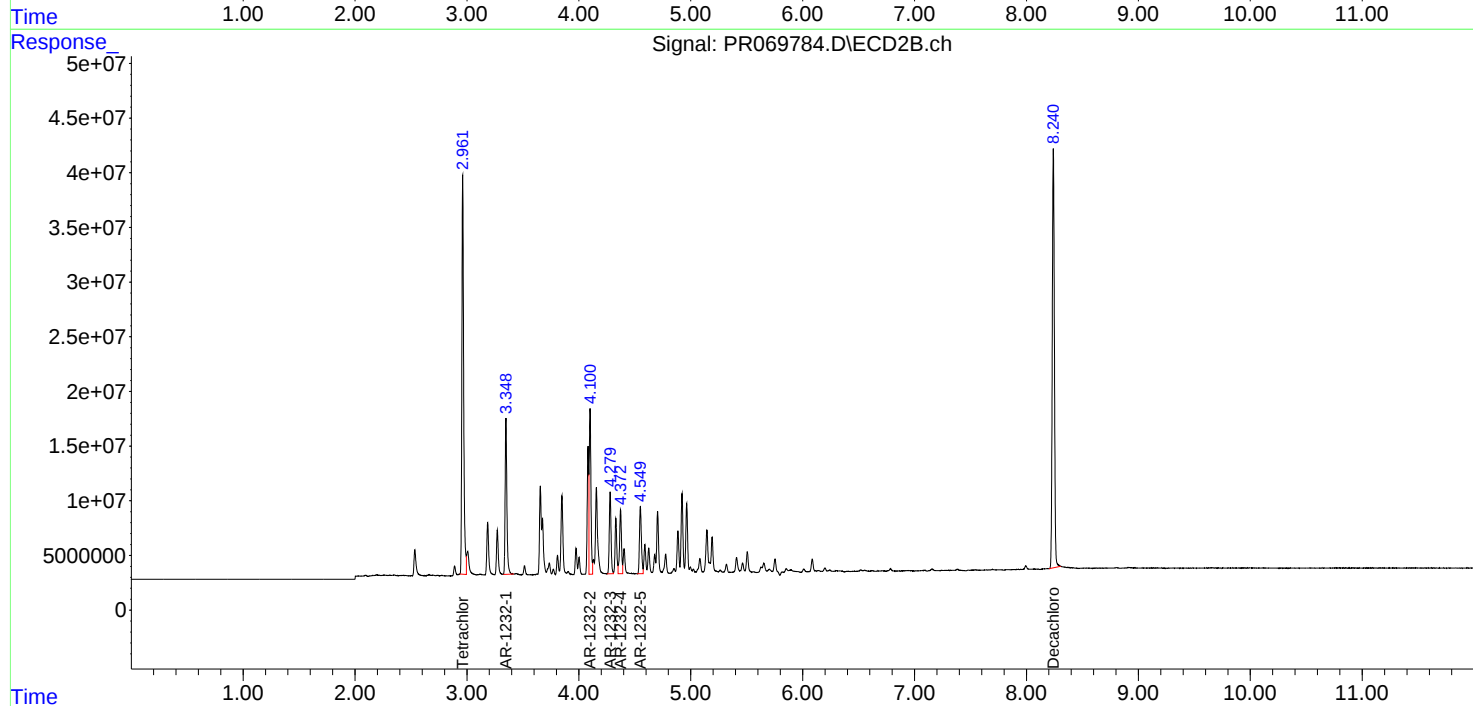
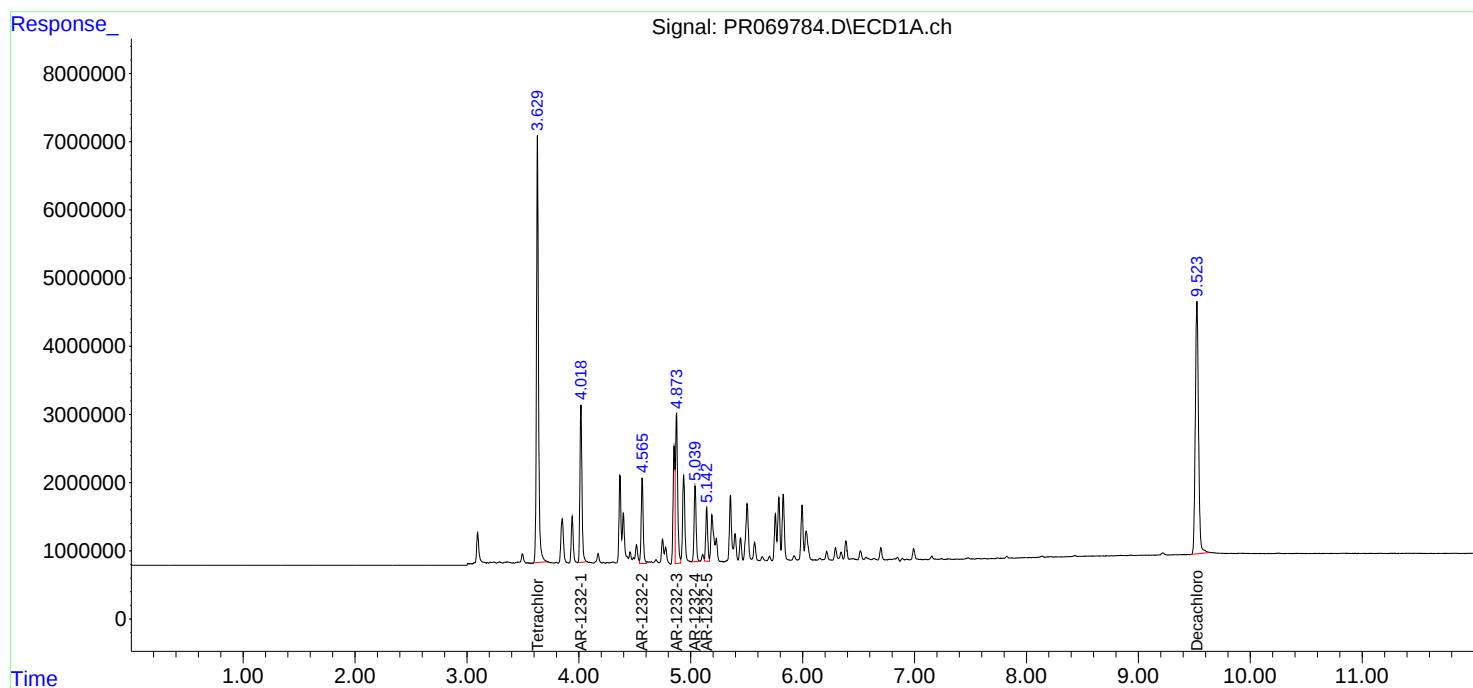
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069784.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 15:03
Operator : AJ\MA
Sample : AR1232ICC1600
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12325248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 01:41:36 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 01:40:07 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069785.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 15:18
 Operator : AJ\MA
 Sample : AR1242ICC100
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR12421249

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 01:57:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 01:55:39 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.630	2.962	5500991	30167202	5.254	5.388
2) SA Decachlor...	9.523	8.241	5751366	37722775	10.796	10.852
Target Compounds						
16) L4 AR-1242-1	4.851	4.082	2892934	16519732	112.953	113.640
17) L4 AR-1242-2	4.872	4.100	4300439	23644708	112.564	111.700
18) L4 AR-1242-3	4.937	4.280	2742185	12618862	115.757	112.651
19) L4 AR-1242-4	5.039	4.373	2052416	12642782	110.037	116.811
20) L4 AR-1242-5	5.827	4.922	2135285	15830034	108.012	121.598

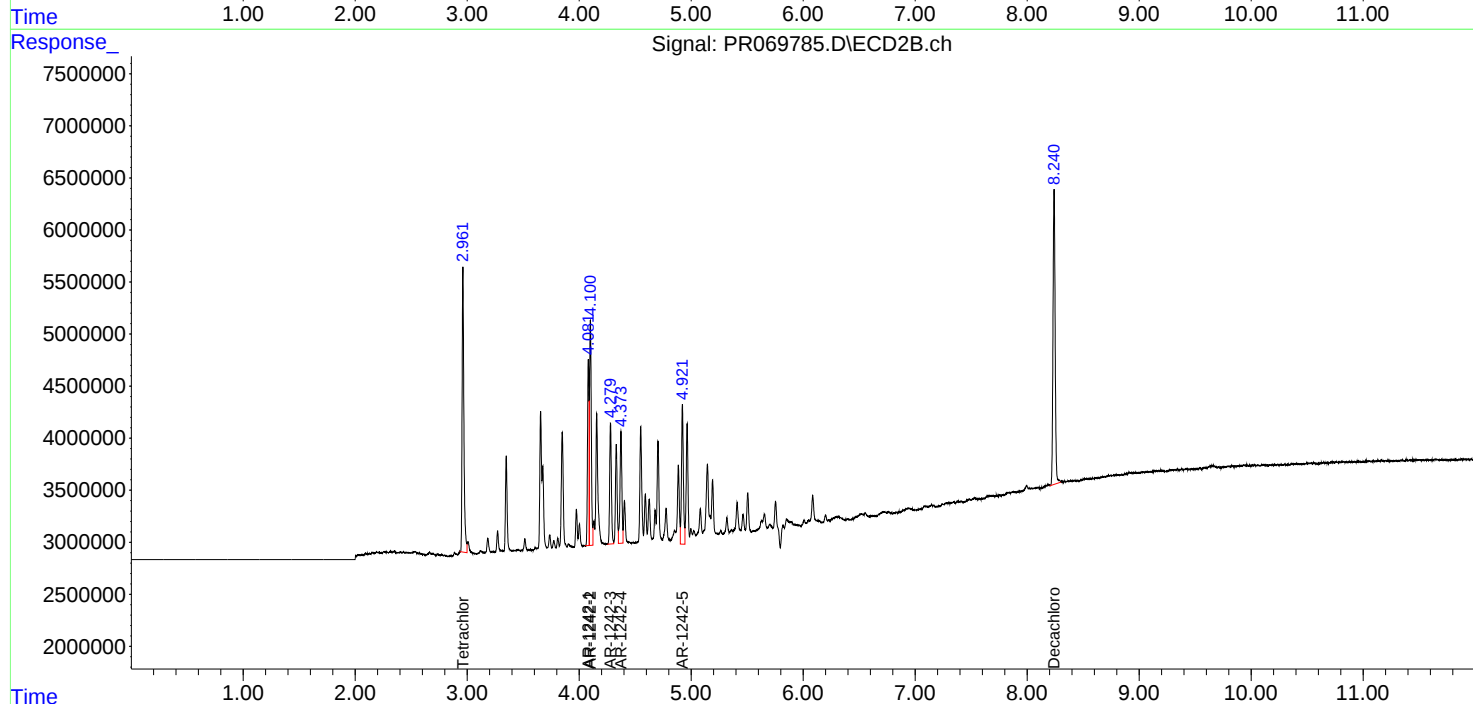
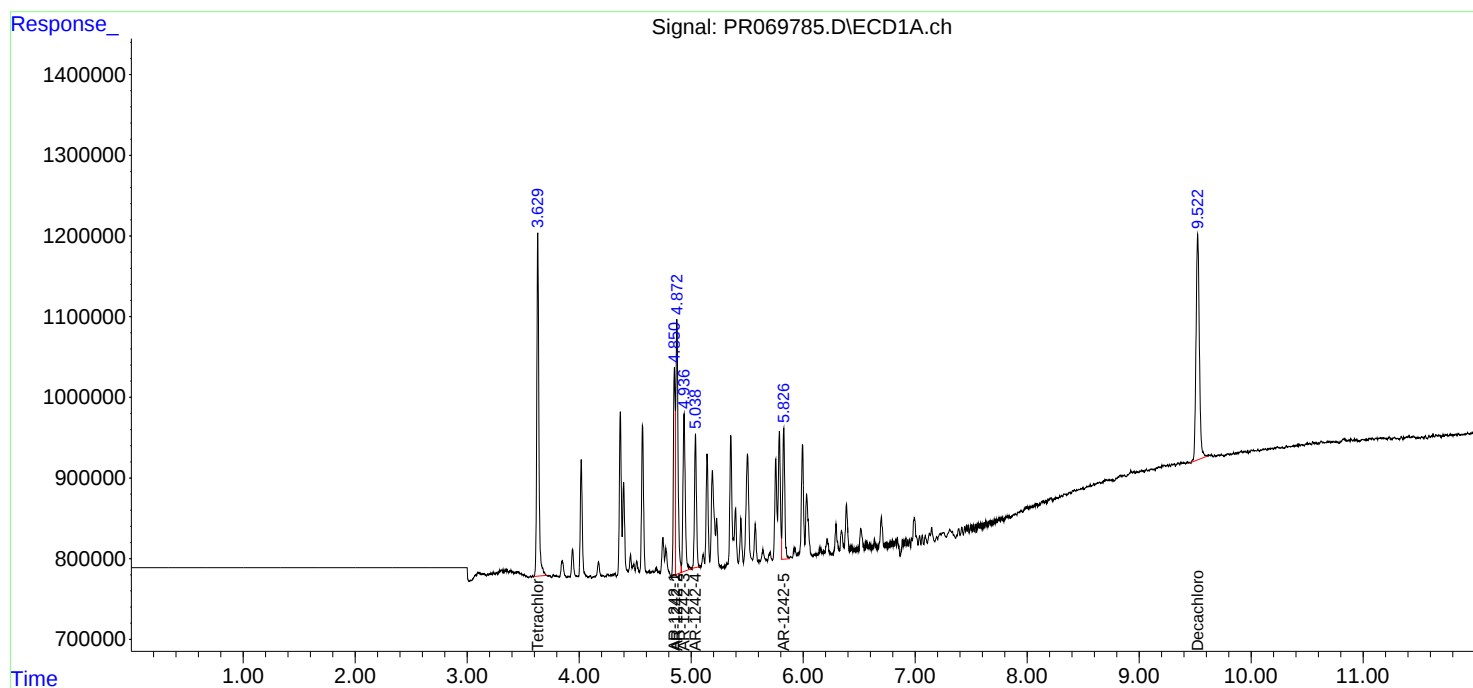
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069785.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 15:18
Operator : AJ\MA
Sample : AR1242ICC100
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12421249

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 01:57:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 01:55:39 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069786.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 15:33
 Operator : AJ\MA
 Sample : AR1242ICC200
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR12422250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 01:57:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 01:55:39 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.631	2.962	10868508	59871477	10.380	10.693
2) SA Decachlor...	9.522	8.240	11067259	72578608	20.774	20.879
Target Compounds						
16) L4 AR-1242-1	4.851	4.082	5463916	31427174	213.335	216.189
17) L4 AR-1242-2	4.873	4.100	8069812	45921495	211.228	216.938
18) L4 AR-1242-3	4.937	4.280	5084495	24288566	214.634	216.828
19) L4 AR-1242-4	5.039	4.373	3993678	23512935	214.115	217.243
20) L4 AR-1242-5	5.827	4.922	4192104	29503616	212.056	226.631

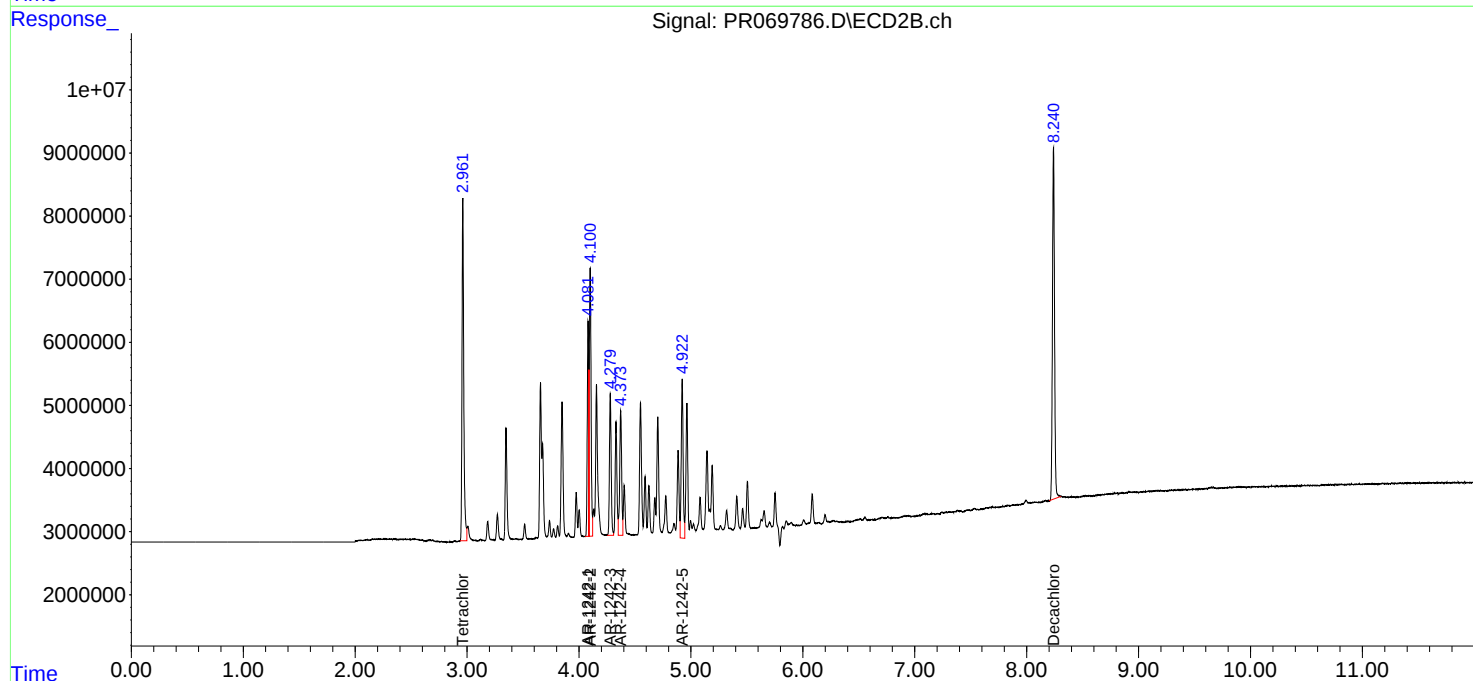
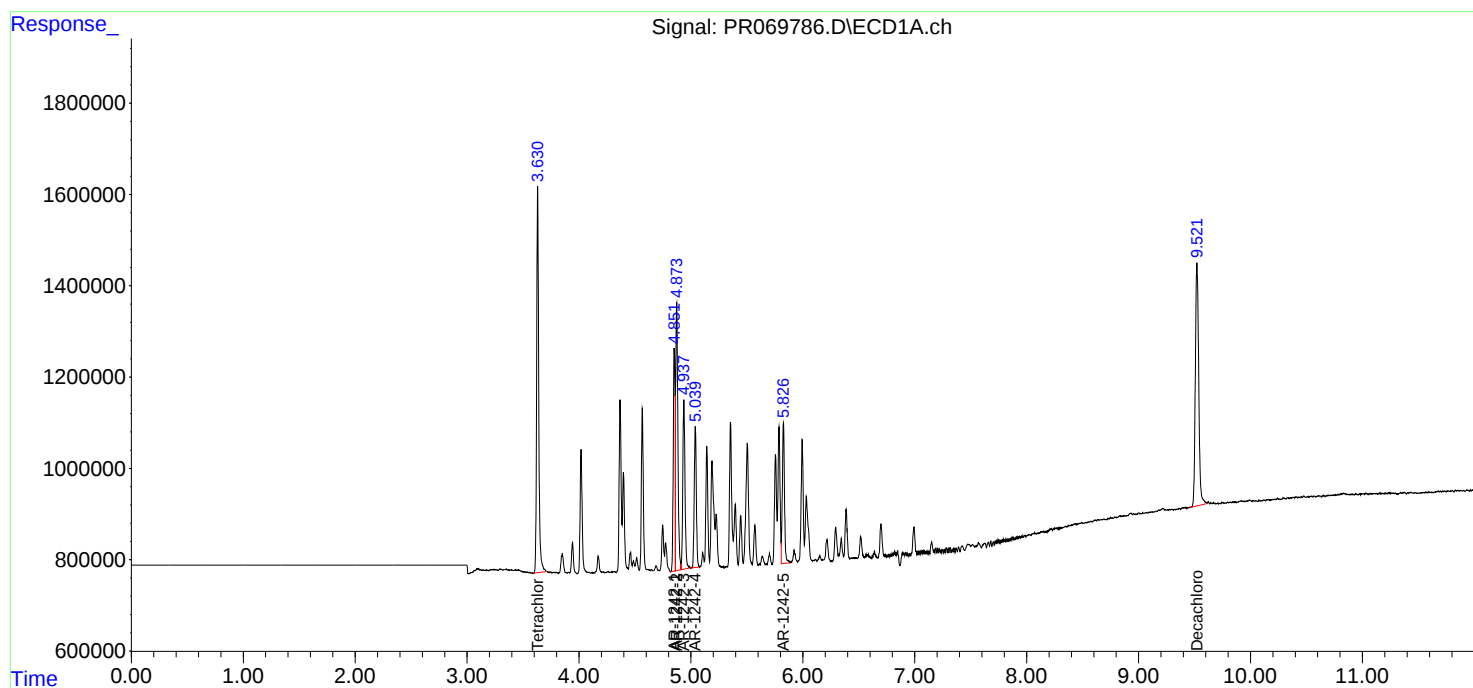
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069786.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 15:33
Operator : AJ\MA
Sample : AR1242ICC200
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12422250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 01:57:36 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 01:55:39 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069787.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 15:48
 Operator : AJ\MA
 Sample : AR1242ICC400
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR12423201

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 01:57:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 01:55:39 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.630	2.962	20941392	112.0E6	20.000	20.000
2) SA Decachlor...	9.523	8.240	21310200	139.0E6	40.000	40.000
Target Compounds						
16) L4 AR-1242-1	4.851	4.082	10244781	58147688	400.000	400.000
17) L4 AR-1242-2	4.873	4.100	15281720	84671954	400.000	400.000
18) L4 AR-1242-3	4.936	4.280	9475643	44807036	400.000	400.000
19) L4 AR-1242-4	5.039	4.373	7460801	43293259	400.000	400.000
20) L4 AR-1242-5	5.826	4.922	7907555	52073378	400.000	400.000

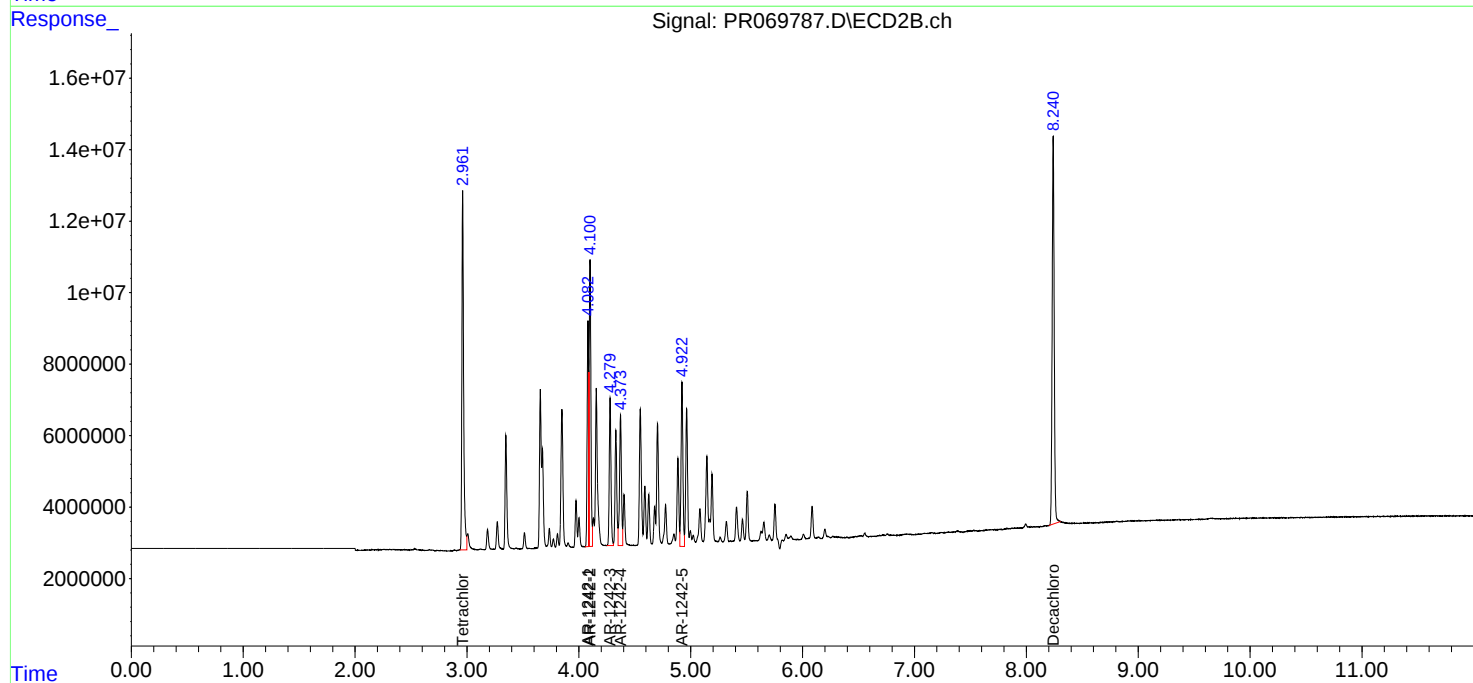
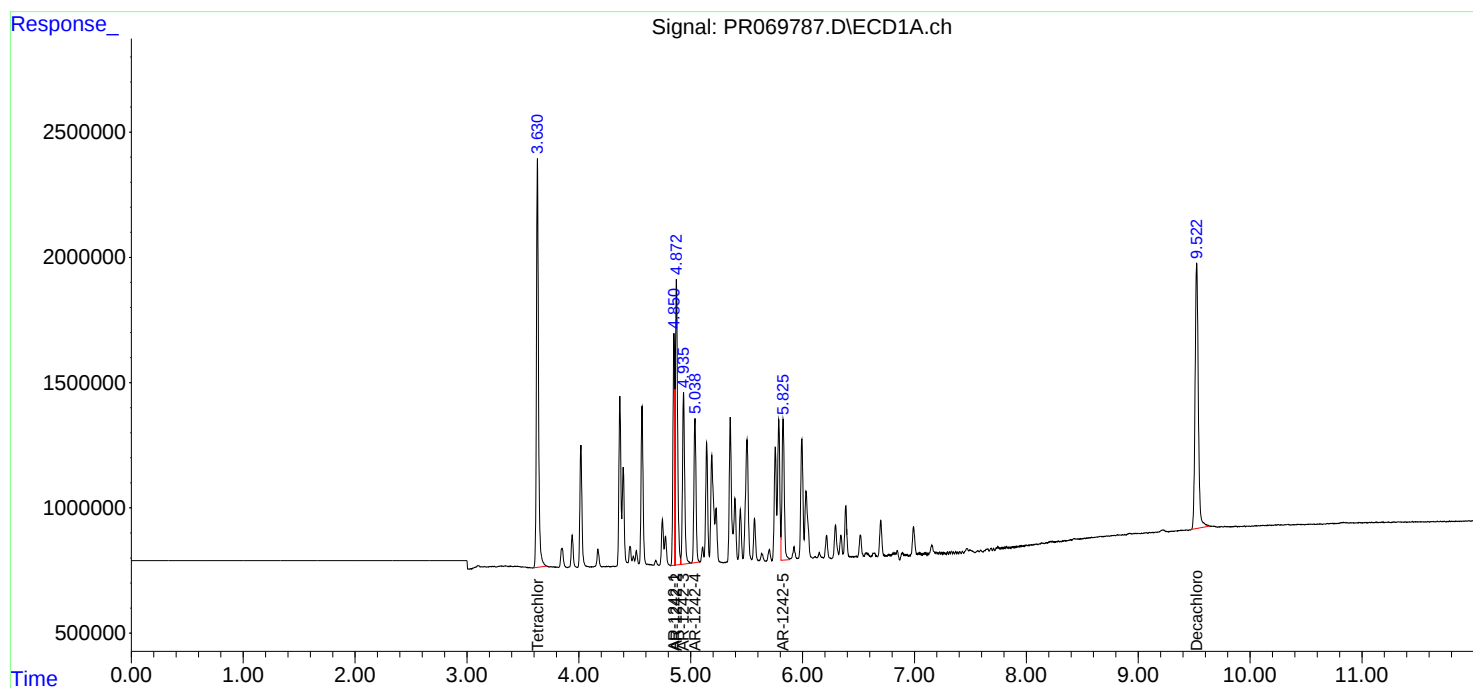
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069787.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 15:48
Operator : AJ\MA
Sample : AR1242ICC400
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12423201

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 01:57:49 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 01:55:39 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069788.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 16:02
 Operator : AJ\MA
 Sample : AR1242ICC800
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR12424202

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 01:58:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 01:55:39 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.630	2.962	41535581	223.7E6	39.668	39.959
2) SA Decachlor...	9.524	8.241	39799780	267.5E6	74.706	76.939
Target Compounds						
16) L4 AR-1242-1	4.851	4.082	19617623	110.3E6	765.956	759.041
17) L4 AR-1242-2	4.873	4.100	29138949	164.7E6	762.714	777.880
18) L4 AR-1242-3	4.936	4.279	17940760	85793541	757.342	765.893
19) L4 AR-1242-4	5.039	4.373	14193235	80800403	760.950	746.540
20) L4 AR-1242-5	5.827	4.922	14411068	96531946	728.977	741.507

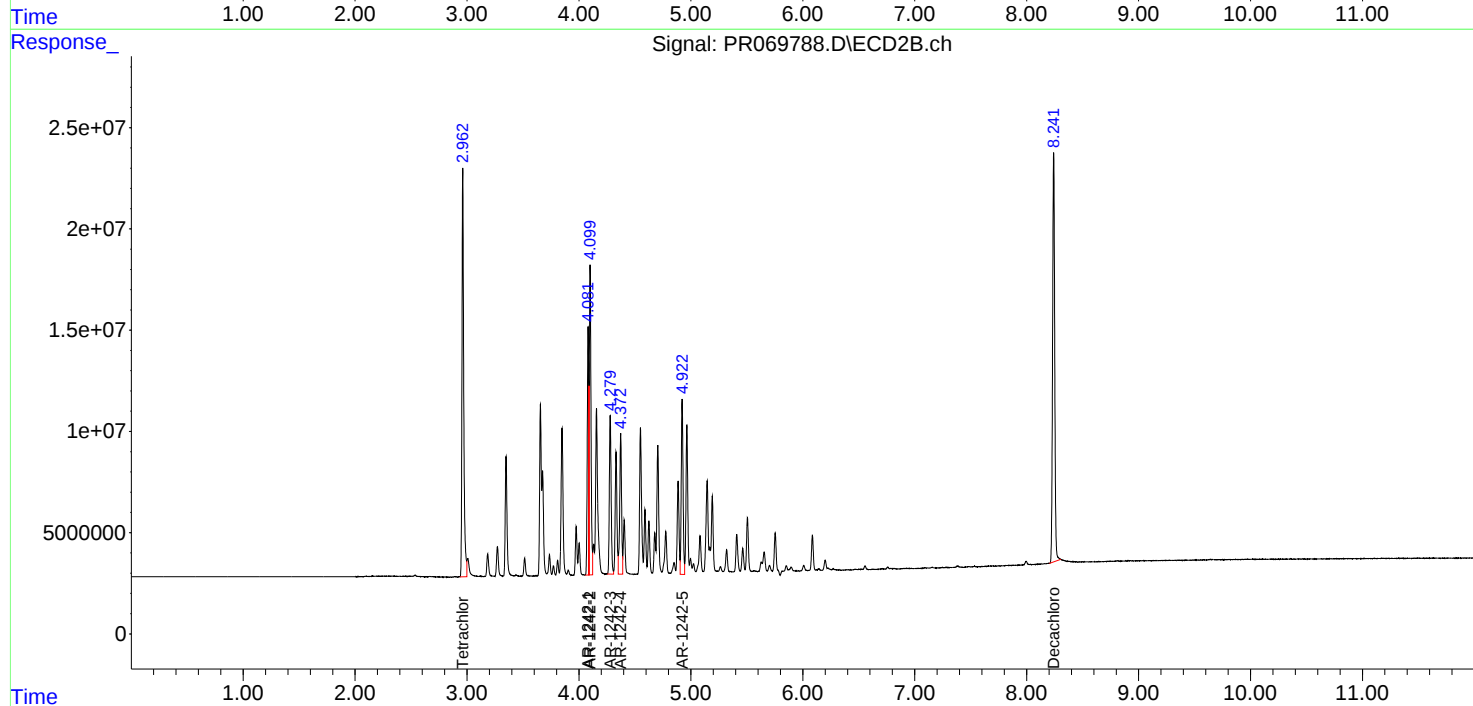
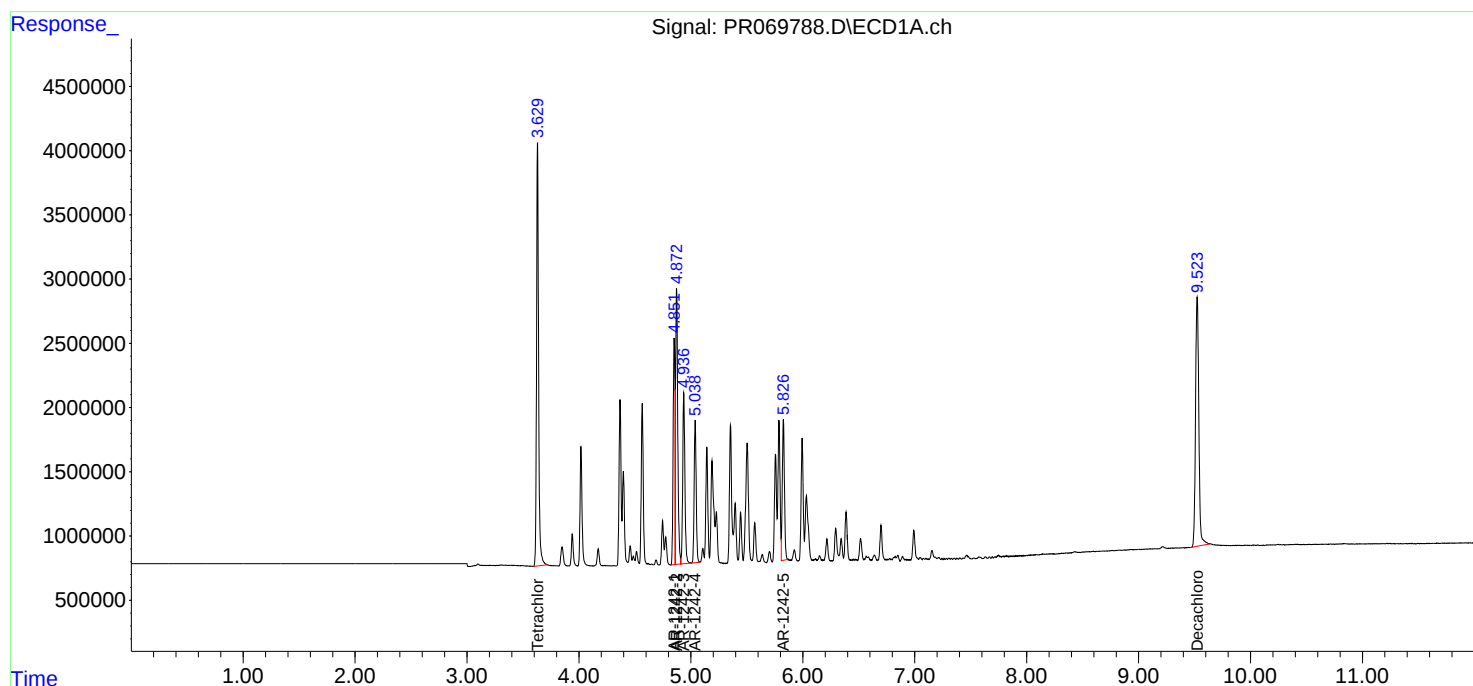
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069788.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 16:02
Operator : AJ\MA
Sample : AR1242ICC800
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12424202

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 01:58:02 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 01:55:39 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069789.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 16:17
Operator : AJ\MA
Sample : AR1242ICC1600
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12425203

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 01:58:15 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 01:55:39 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.631	2.962	78885837	417.1E6	75.340	74.500
2) SA Decachlor...	9.520	8.238	73238320	498.7E6	137.471	143.459
Target Compounds						
16) L4 AR-1242-1	4.851	4.082	35658041	202.2E6	1392.242	1390.655
17) L4 AR-1242-2	4.873	4.100	54637180	300.3E6	1430.132	1418.772
18) L4 AR-1242-3	4.937	4.279	32844332	156.0E6	1386.474	1392.548
19) L4 AR-1242-4	5.040	4.373	26415969	144.7E6	1416.254	1337.194
20) L4 AR-1242-5	5.826	4.922	28337249	174.2E6	1433.427	1338.393

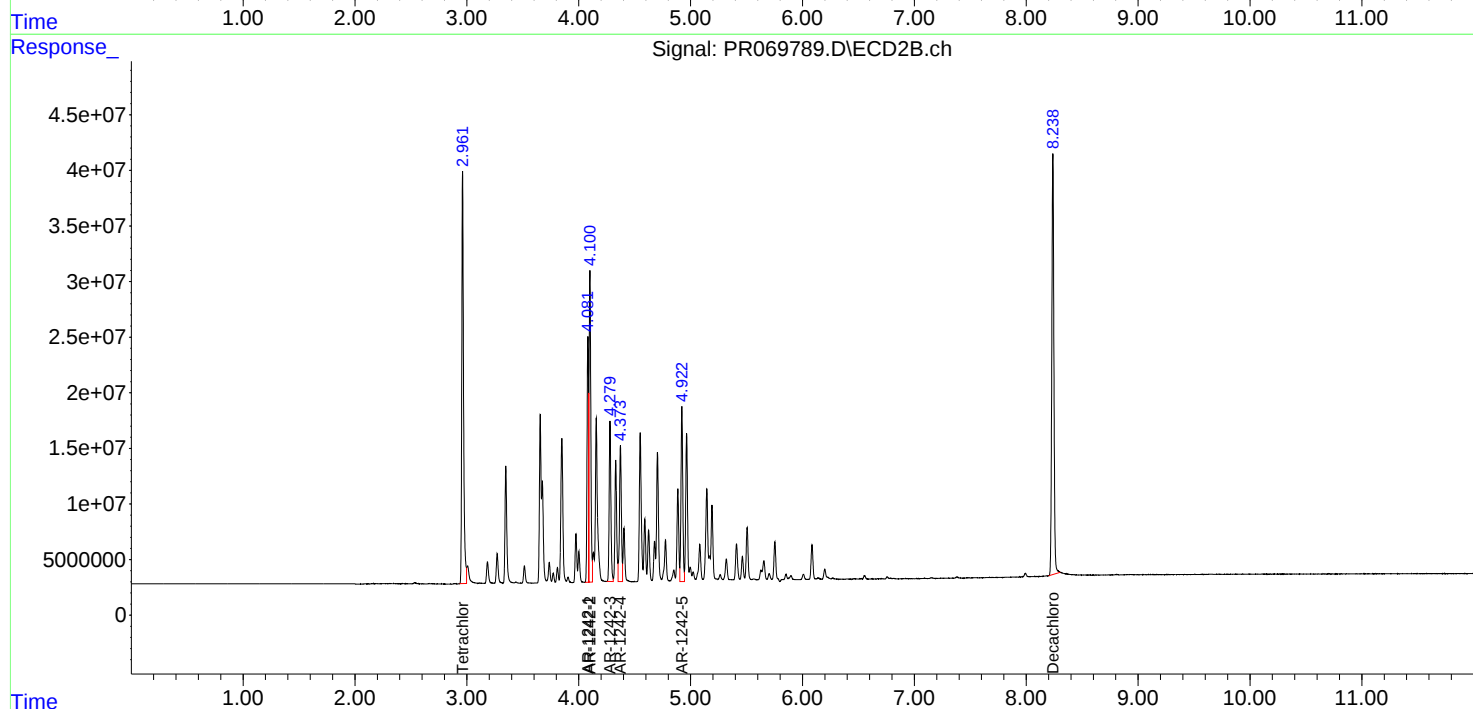
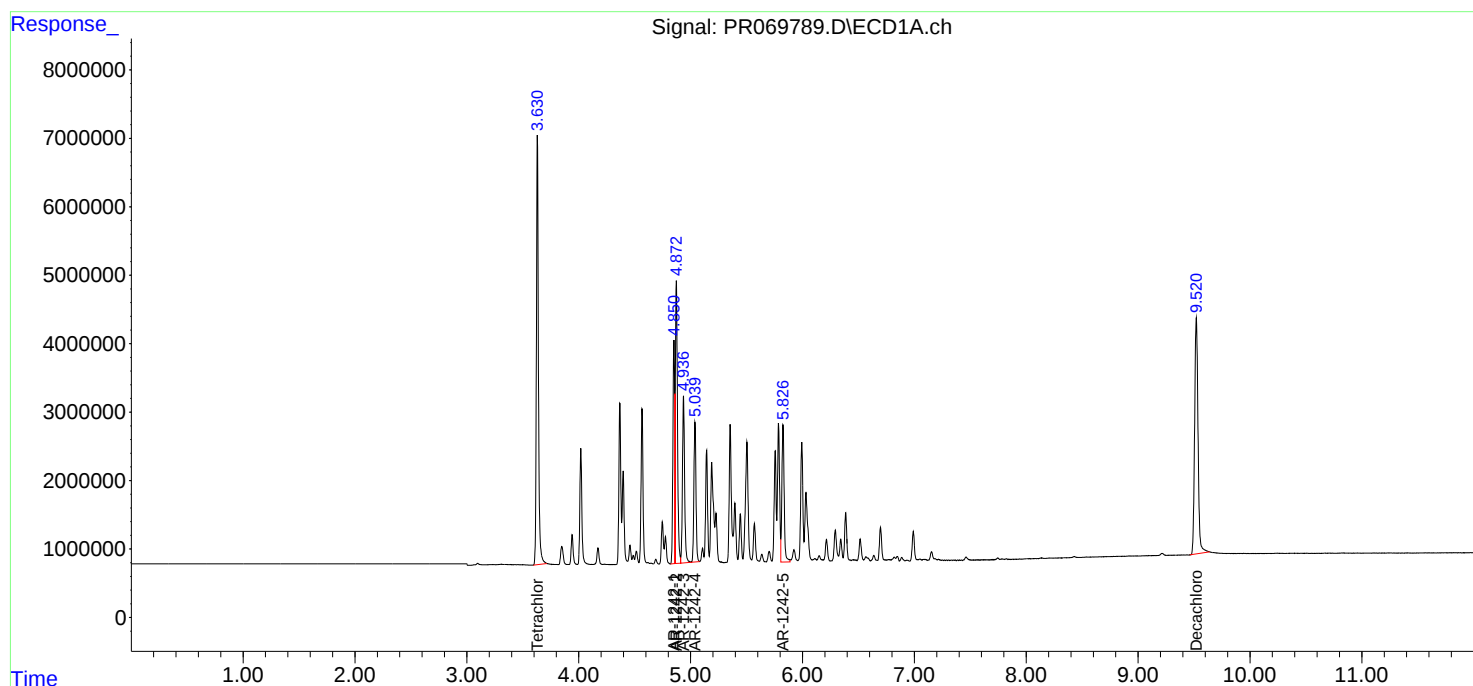
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069789.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 16:17
Operator : AJ\MA
Sample : AR1242ICC1600
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12425203

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 01:58:15 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 01:55:39 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069790.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 16:32
 Operator : AJ\MA
 Sample : AR1248ICC100
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR12481204

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 02:06:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 02:05:35 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.631	2.962	5498194	31487492	5.285	5.316
2) SA Decachlor...	9.519	8.238	5603090	37721996	10.897	10.951
Target Compounds						
21) L5 AR-1248-1	4.851	4.082	2213308	12298765	116.703	113.573
22) L5 AR-1248-2	5.142	4.331	3117395	17984071	115.860	115.791
23) L5 AR-1248-3	5.354	4.373	3532707	18525036	111.821	117.750
24) L5 AR-1248-4	5.787	4.550	3690152	21099036	113.727	114.868
25) L5 AR-1248-5	5.826	4.964	3576299	20483564	113.924	118.559

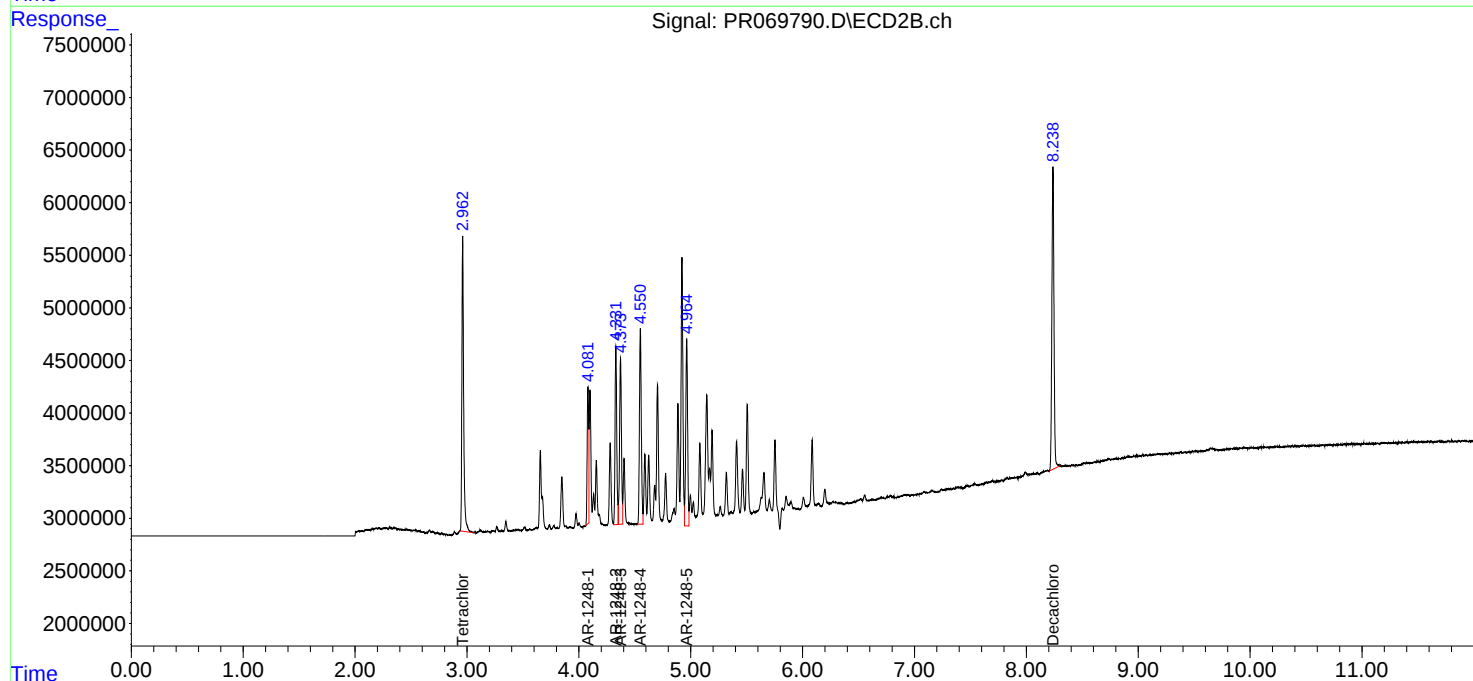
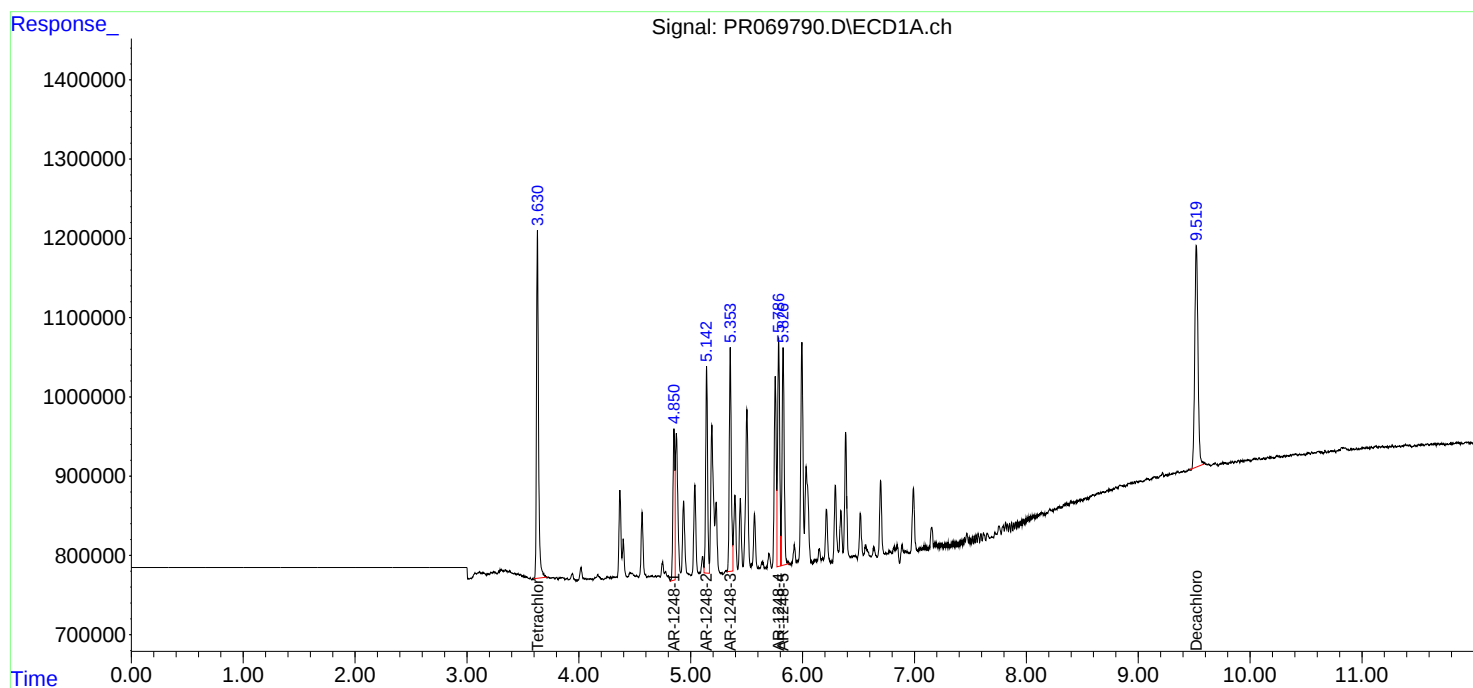
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069790.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 16:32
Operator : AJ\MA
Sample : AR1248ICC100
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12481204

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 02:06:37 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 02:05:35 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069791.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 16:46
 Operator : AJ\MA
 Sample : AR1248ICC200
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR12482205

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 02:06:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 02:05:35 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.631	2.961	10660267	61218424	10.246	10.335
2) SA Decachlor...	9.522	8.239	10970626	73061439	21.337	21.210
Target Compounds						
21) L5 AR-1248-1	4.851	4.082	4086118	23015405	215.453	212.536
22) L5 AR-1248-2	5.143	4.331	5847278	33790867	217.317	217.563
23) L5 AR-1248-3	5.354	4.373	6689457	34535566	211.741	219.517
24) L5 AR-1248-4	5.787	4.550	6942105	39320361	213.948	214.069
25) L5 AR-1248-5	5.827	4.964	6928886	38350595	220.722	221.973

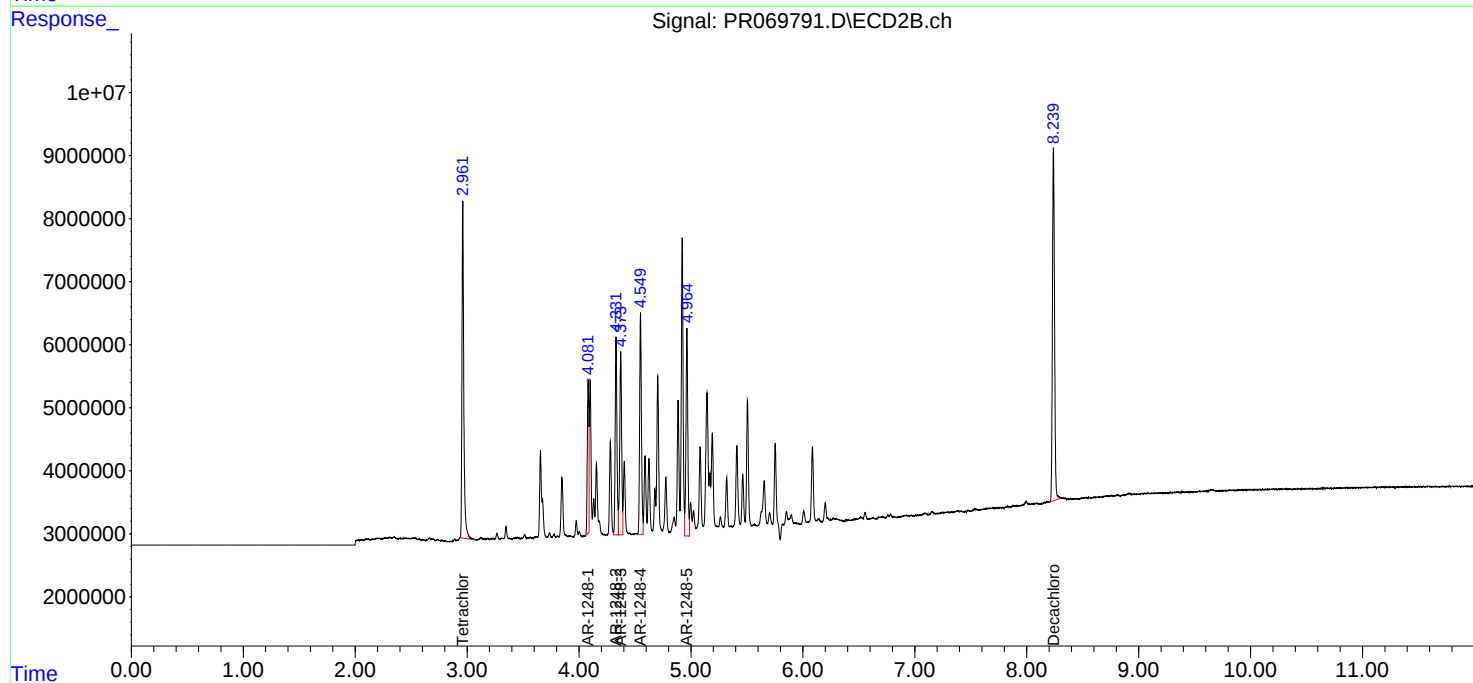
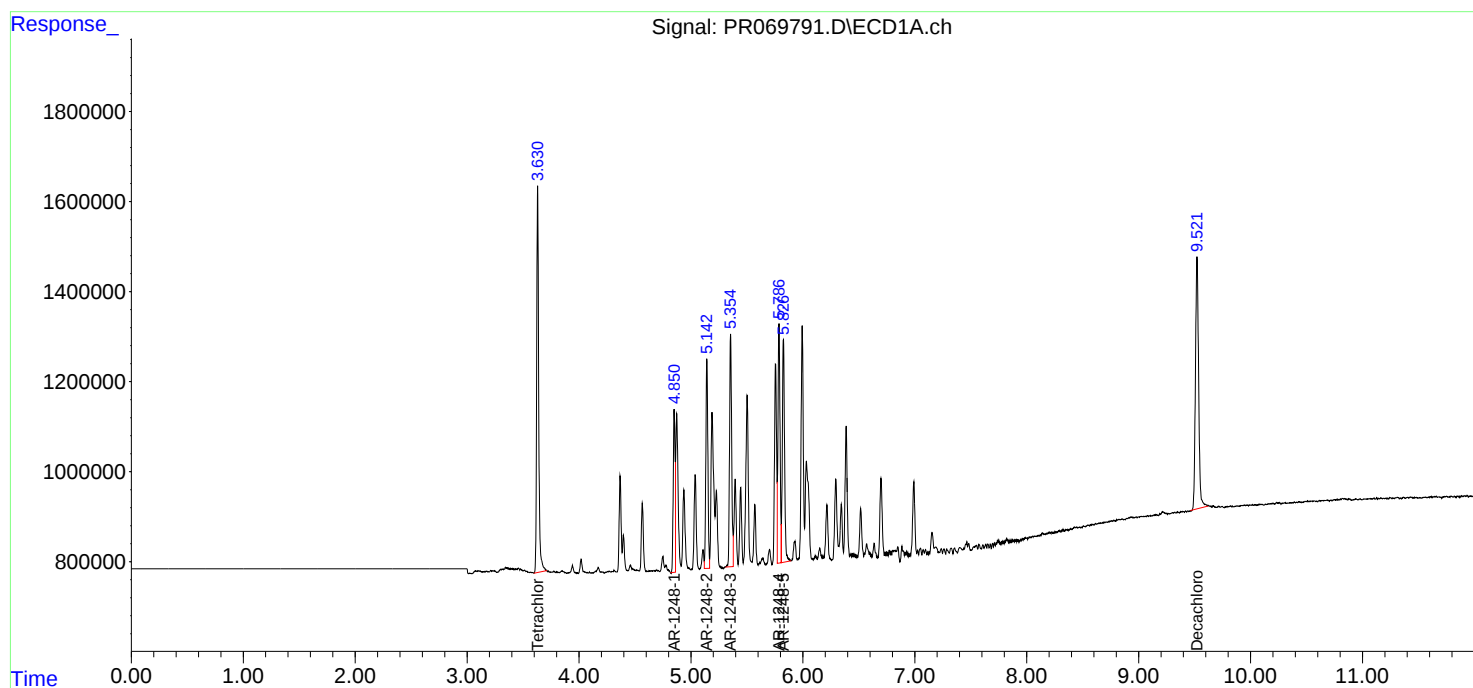
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069791.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 16:46
Operator : AJ\MA
Sample : AR1248ICC200
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12482205

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 02:06:49 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 02:05:35 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069792.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 17:01
 Operator : AJ\MA
 Sample : AR1248ICC400
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR12483206

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 02:07:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 02:05:35 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.630	2.962	20807927	118.5E6	20.000	20.000
2) SA Decachlor...	9.522	8.239	20566573	137.8E6	40.000	40.000
Target Compounds						
21) L5 AR-1248-1	4.851	4.081	7586106	43315852	400.000	400.000
22) L5 AR-1248-2	5.142	4.331	10762667	62126067	400.000	400.000
23) L5 AR-1248-3	5.354	4.372	12637045	62930062	400.000	400.000
24) L5 AR-1248-4	5.788	4.549	12979040	73472422	400.000	400.000
25) L5 AR-1248-5	5.827	4.963	12556752	69108442	400.000	400.000

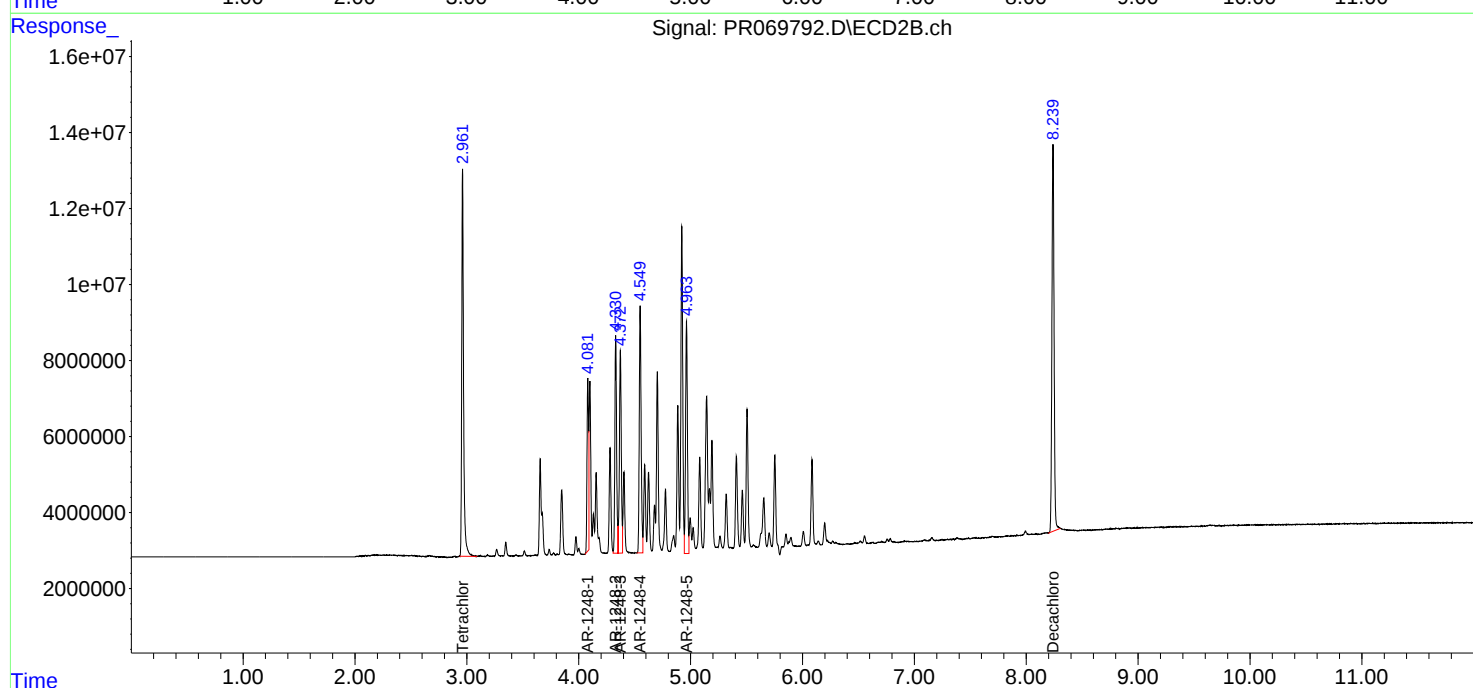
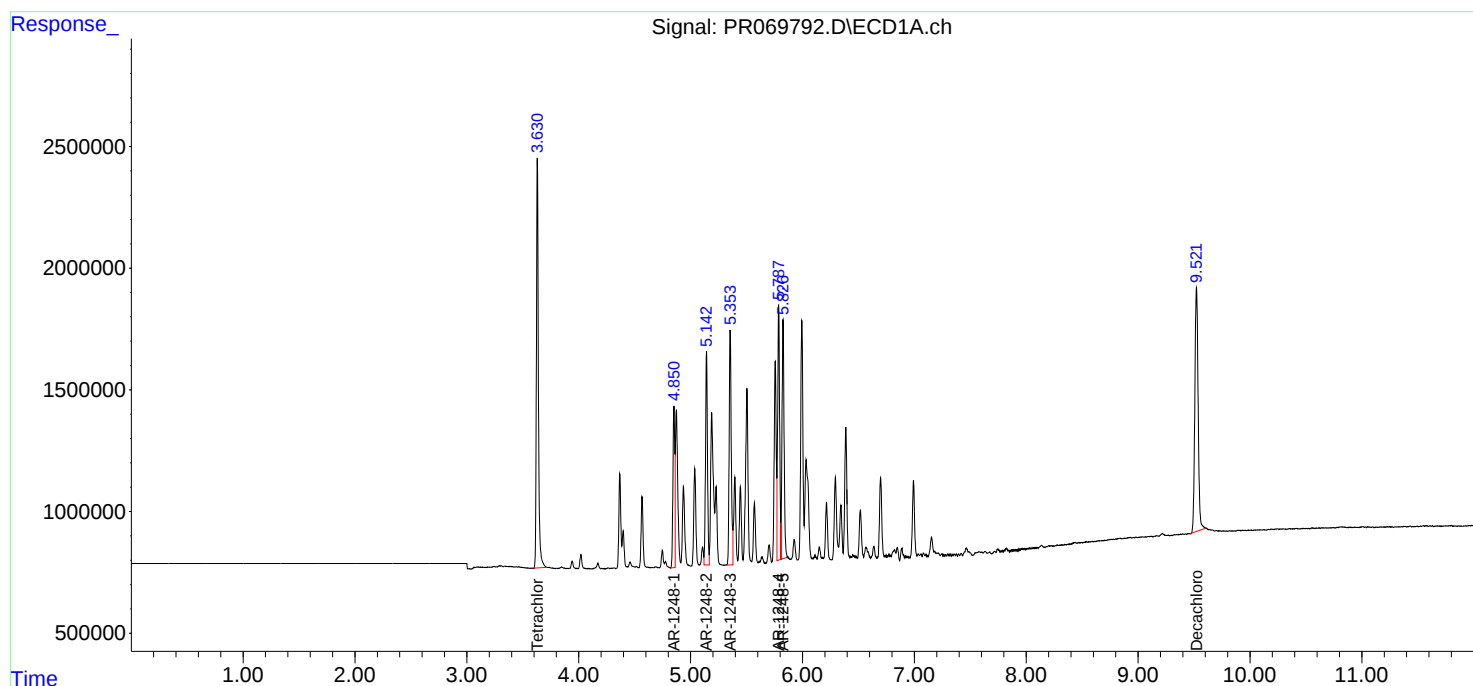
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069792.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 17:01
Operator : AJ\MA
Sample : AR1248ICC400
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12483206

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 02:07:04 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 02:05:35 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069793.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 17:16
Operator : AJ\MA
Sample : AR1248ICC800
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12484207

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 02:07:19 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 02:05:35 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.630	2.962	40502842	229.3E6	38.930	38.713
2) SA Decachlor...	9.520	8.238	39707888	263.7E6	77.228	76.547
Target Compounds						
21) L5 AR-1248-1	4.851	4.081	14580454	82519359	768.798	762.025
22) L5 AR-1248-2	5.143	4.331	20081905	114.9E6	746.354	739.920
23) L5 AR-1248-3	5.354	4.373	23903766	115.6E6	756.625	734.687
24) L5 AR-1248-4	5.787	4.550	25089236	136.3E6	773.223	742.216
25) L5 AR-1248-5	5.826	4.963	25848290	128.7E6	823.407	745.063

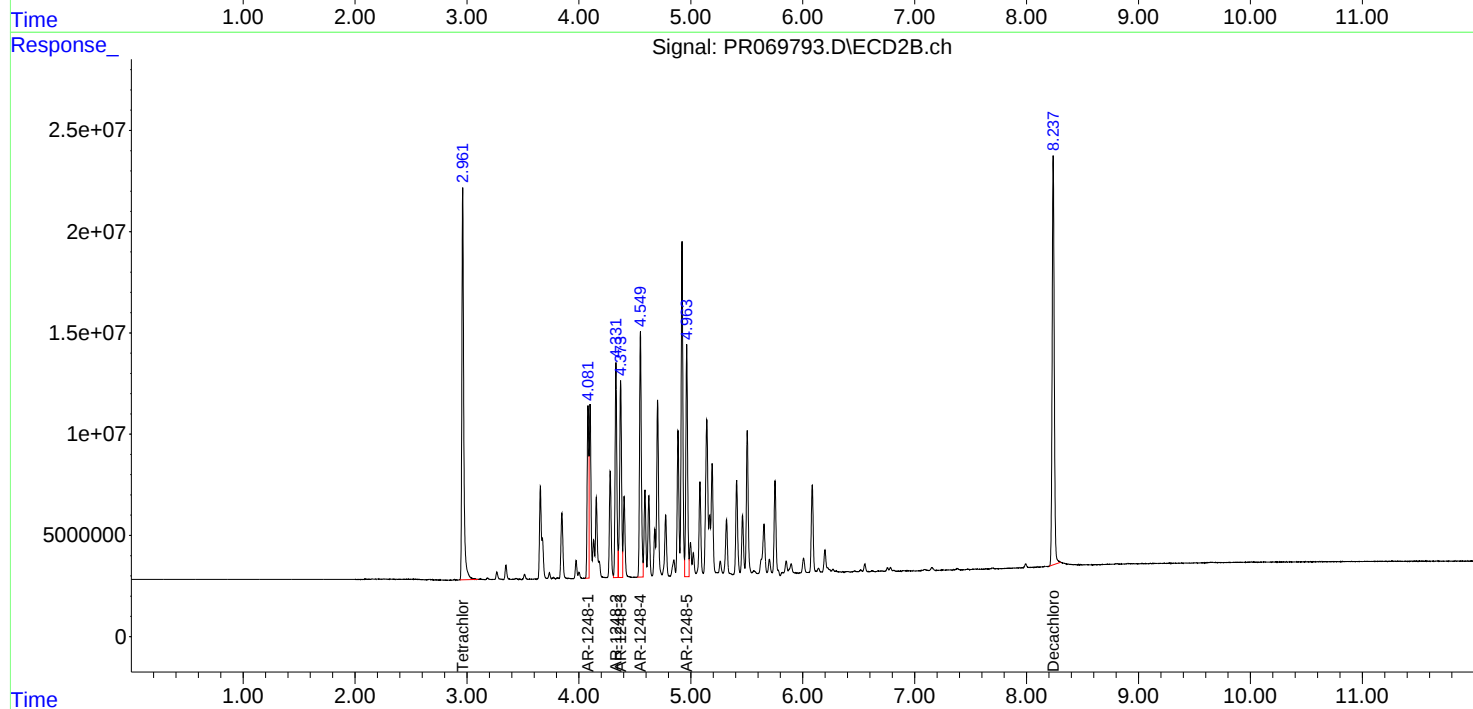
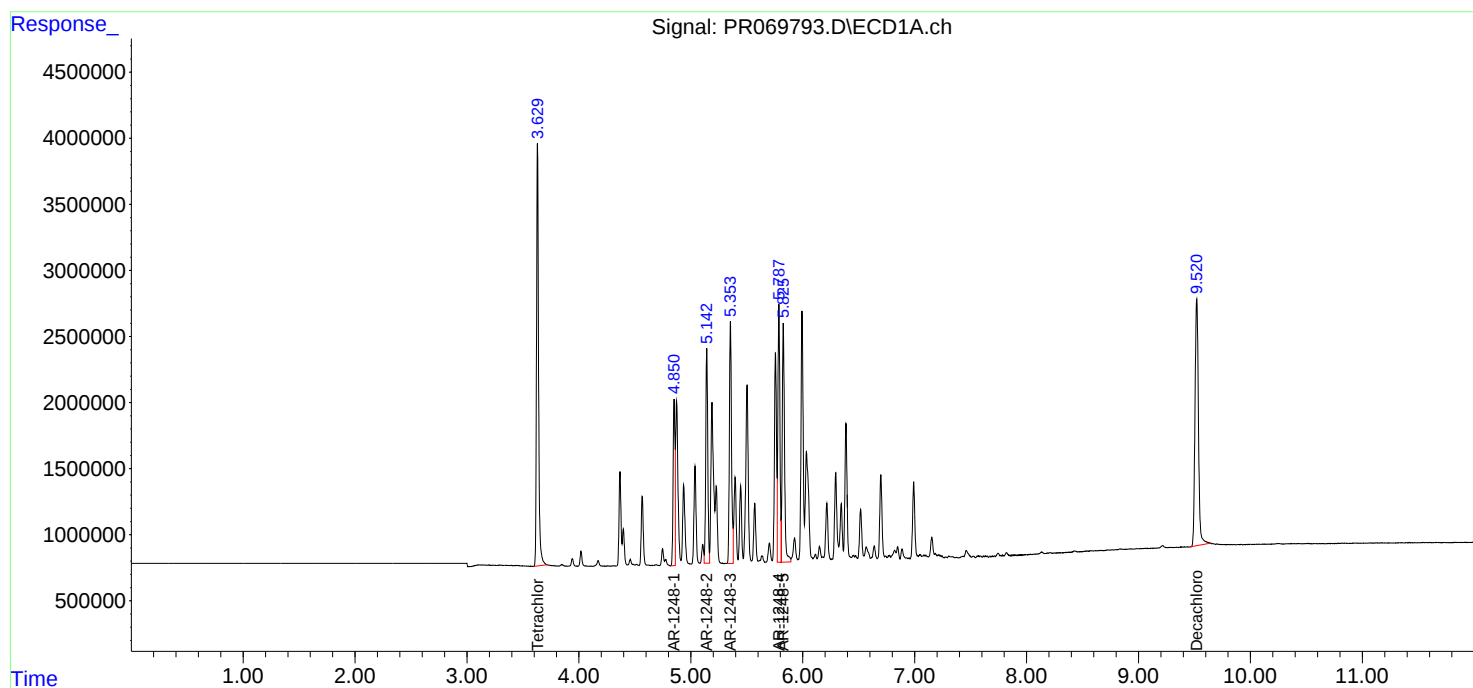
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069793.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 17:16
Operator : AJ\MA
Sample : AR1248ICC800
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12484207

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 02:07:19 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 02:05:35 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069794.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 17:30
 Operator : AJ\MA
 Sample : AR1248ICC1600
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR12485208

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 02:07:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 02:05:35 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.630	2.961	77928133	435.4E6	74.902	73.505
2) SA Decachlor...	9.520	8.238	73749586	501.8E6	143.436	145.667
Target Compounds						
21) L5 AR-1248-1	4.851	4.082	26664001	151.7E6	1405.939	1400.815
22) L5 AR-1248-2	5.143	4.331	36581956	209.8E6	1359.587	1350.650
23) L5 AR-1248-3	5.354	4.373	43868346	211.0E6	1388.563	1341.024
24) L5 AR-1248-4	5.787	4.549	47111619	252.3E6	1451.929	1373.670
25) L5 AR-1248-5	5.827	4.964	47869482	238.3E6	1524.900	1379.452

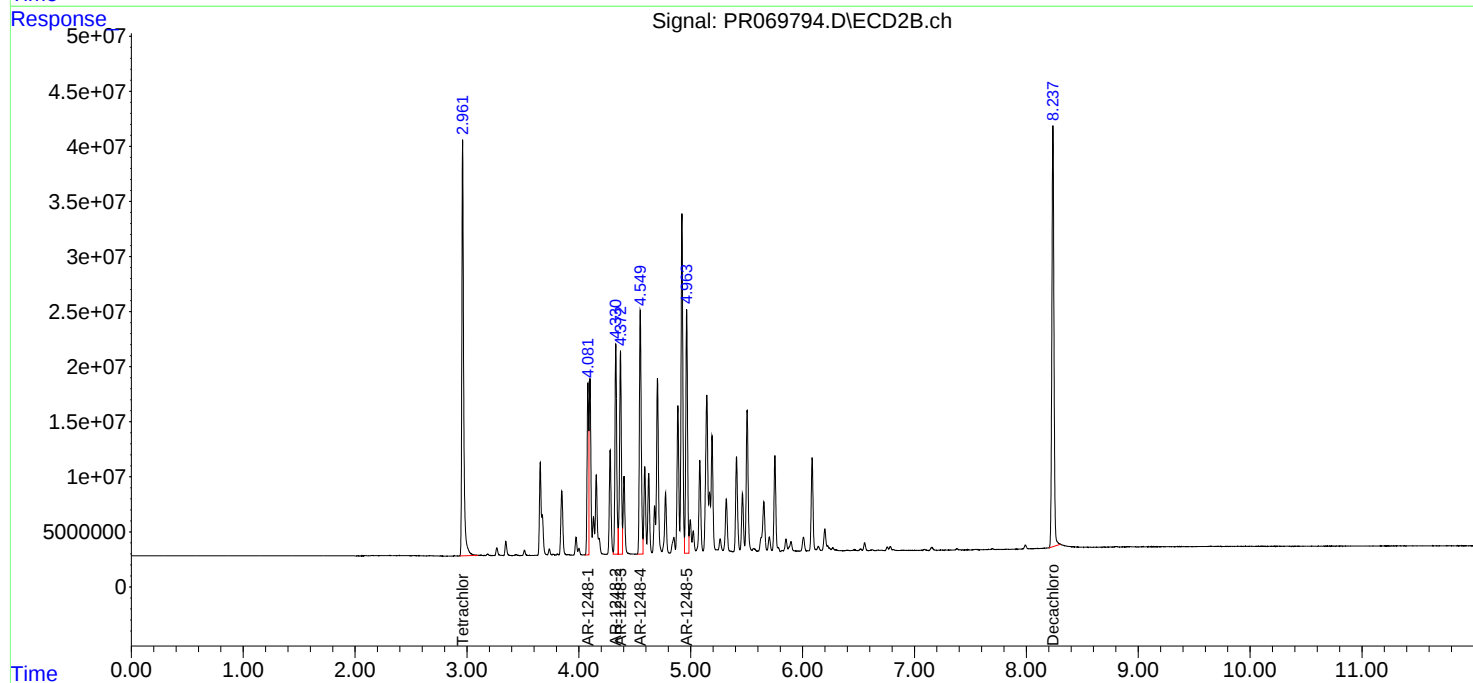
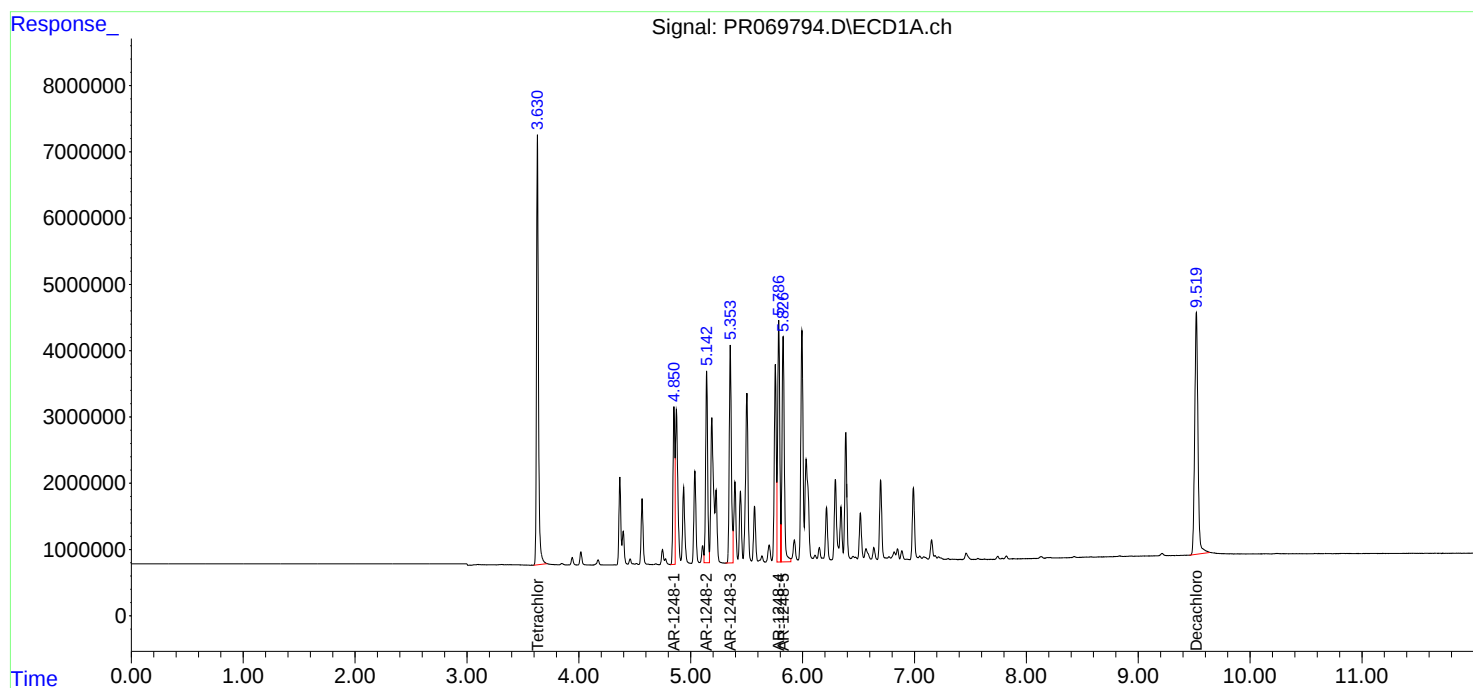
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069794.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 17:30
Operator : AJ\MA
Sample : AR1248ICC1600
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12485208

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 02:07:33 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 02:05:35 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069795.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 17:45
 Operator : AJ\MA
 Sample : AR1254ICC100
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR12541209

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 02:15:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 02:14:30 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.630	2.961	5437767	31475961	5.241	5.416
2) SA Decachlor...	9.522	8.238	5422458	36977373	10.266	10.613
Target Compounds						
26) L6 AR-1254-1	5.757	4.922	4036569	29796945	113.699	112.877
27) L6 AR-1254-2	5.995	5.082	6091079	25986707	112.652	113.963
28) L6 AR-1254-3	6.387	5.505	6065768	38909147	110.223	111.191
29) L6 AR-1254-4	6.698	5.753	4033016	23415826	110.576	114.213
30) L6 AR-1254-5	7.154	6.199	4468298	33104007	108.584	127.852

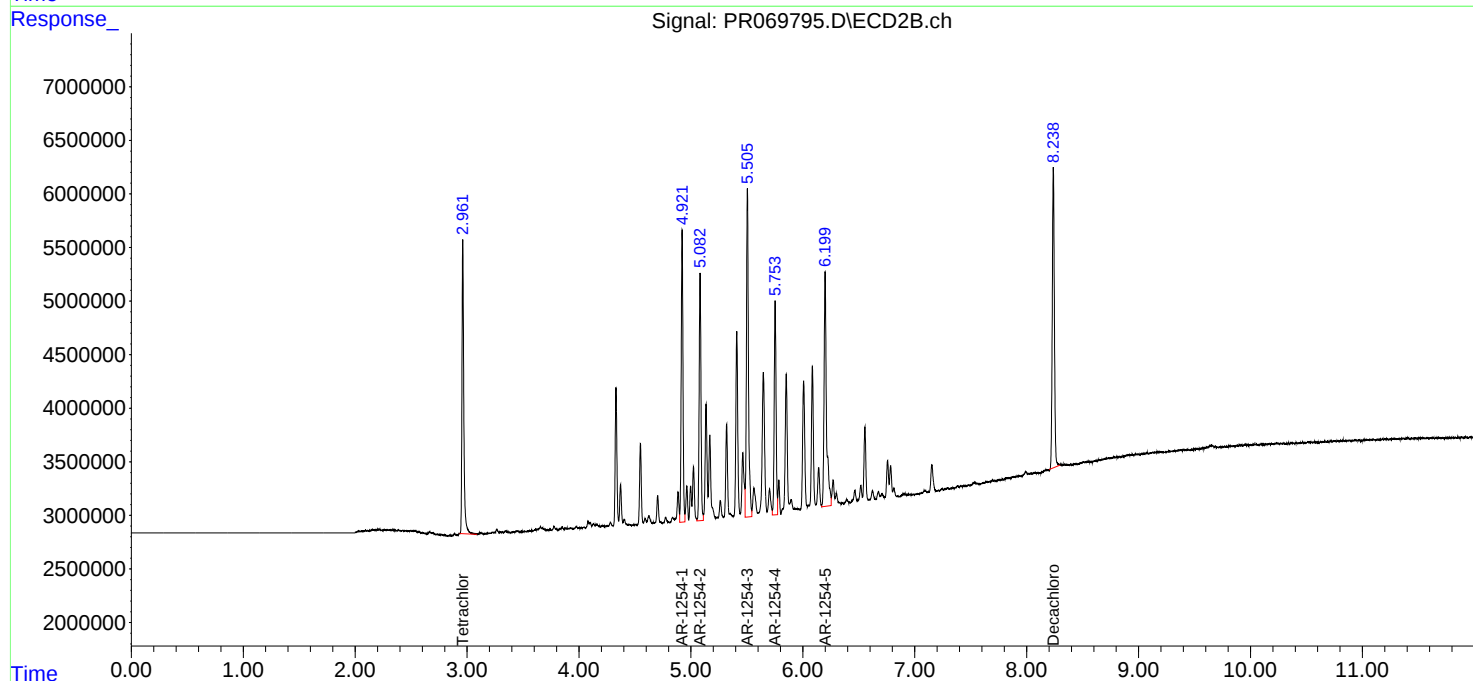
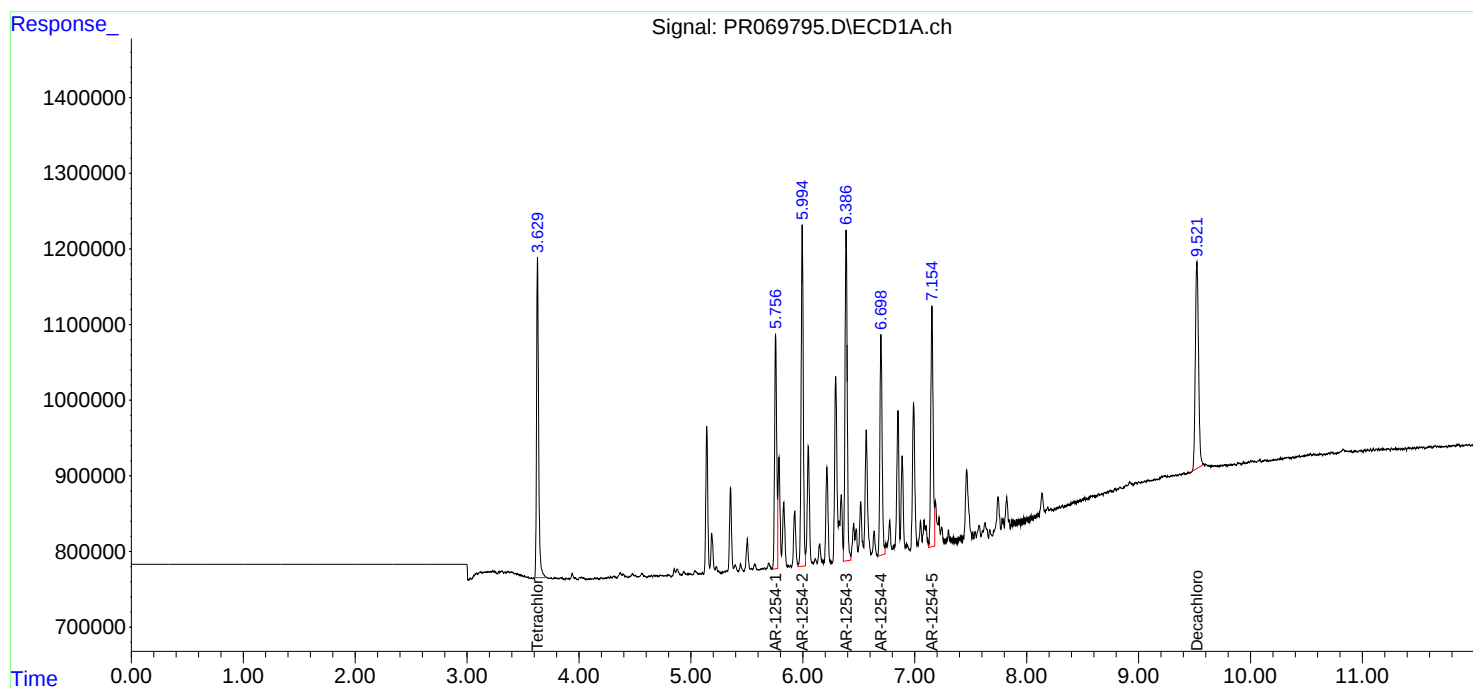
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069795.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 17:45
Operator : AJ\MA
Sample : AR1254ICC100
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12541209

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 02:15:04 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 02:14:30 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069796.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 18:00
 Operator : AJ\MA
 Sample : AR1254ICC200
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR12542210

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 02:15:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 02:14:30 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.631	2.961	10717319	61146832	10.330	10.522
2) SA Decachlor...	9.522	8.239	10751793	72492919	20.357	20.806
Target Compounds						
26) L6 AR-1254-1	5.758	4.922	7543088	56890148	212.468	215.511
27) L6 AR-1254-2	5.996	5.082	11392003	49330521	210.691	216.336
28) L6 AR-1254-3	6.388	5.505	11470406	74289486	208.433	212.298
29) L6 AR-1254-4	6.700	5.753	7621271	43961334	208.958	214.425
30) L6 AR-1254-5	7.154	6.199	8581471	64658499	208.539	249.719

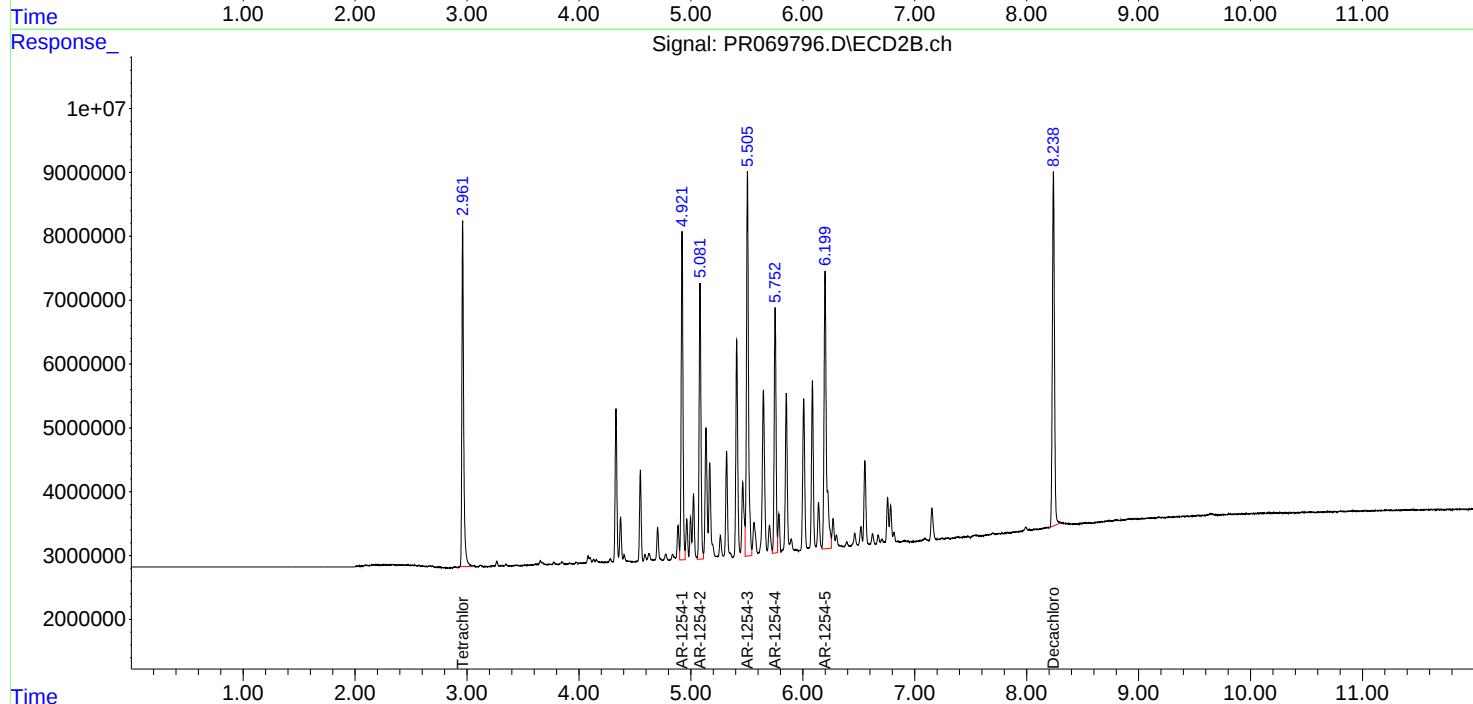
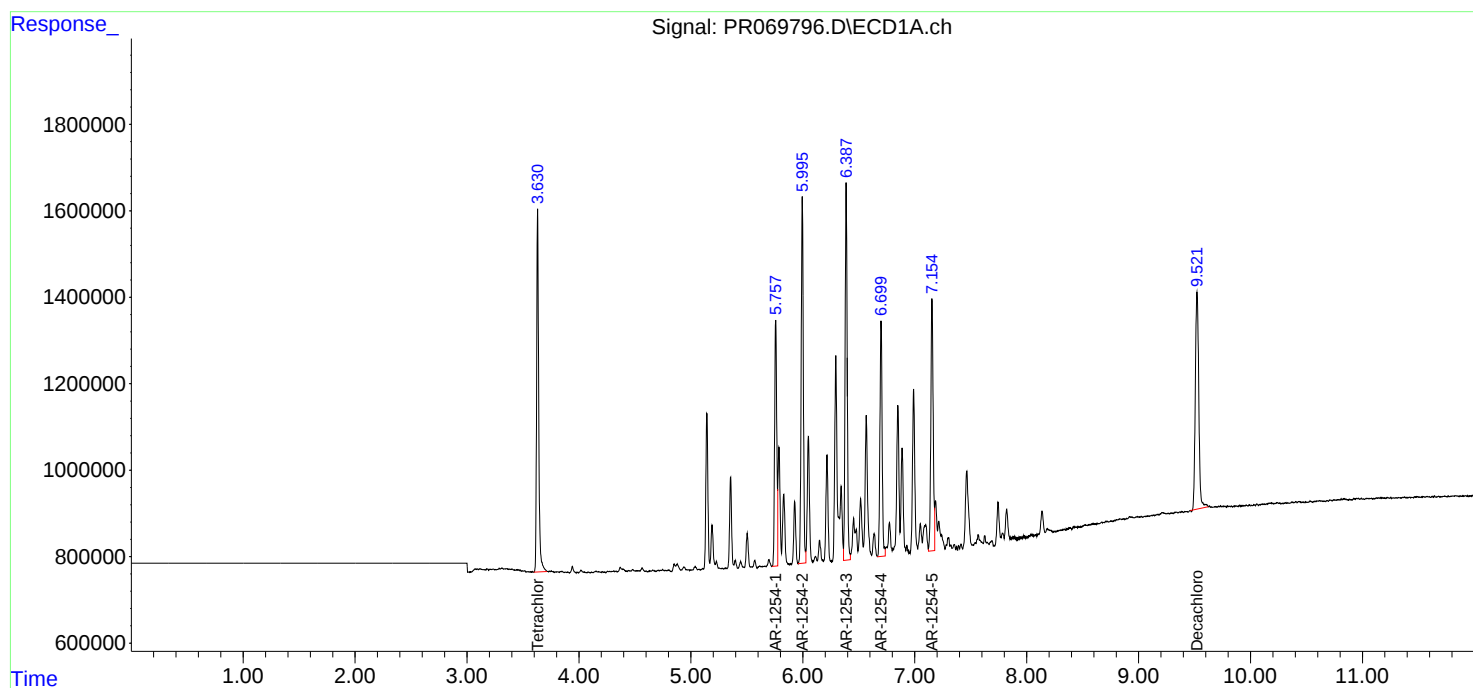
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069796.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 18:00
Operator : AJ\MA
Sample : AR1254ICC200
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12542210

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 02:15:14 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 02:14:30 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069797.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 18:15
 Operator : AJ\MA
 Sample : AR1254ICC400
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR12543211

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 02:15:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 02:14:30 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.630	2.961	20750009	116.2E6	20.000	20.000
2) SA Decachlor...	9.525	8.241	21126908	139.4E6	40.000	40.000
Target Compounds						
26) L6 AR-1254-1	5.758	4.922	14200919	105.6E6	400.000	400.000
27) L6 AR-1254-2	5.995	5.082	21627860	91210768	400.000	400.000
28) L6 AR-1254-3	6.389	5.505	22012647	140.0E6	400.000	400.000
29) L6 AR-1254-4	6.700	5.753	14589103	82007698	400.000	400.000
30) L6 AR-1254-5	7.156	6.199	16460182	103.6E6	400.000	400.000

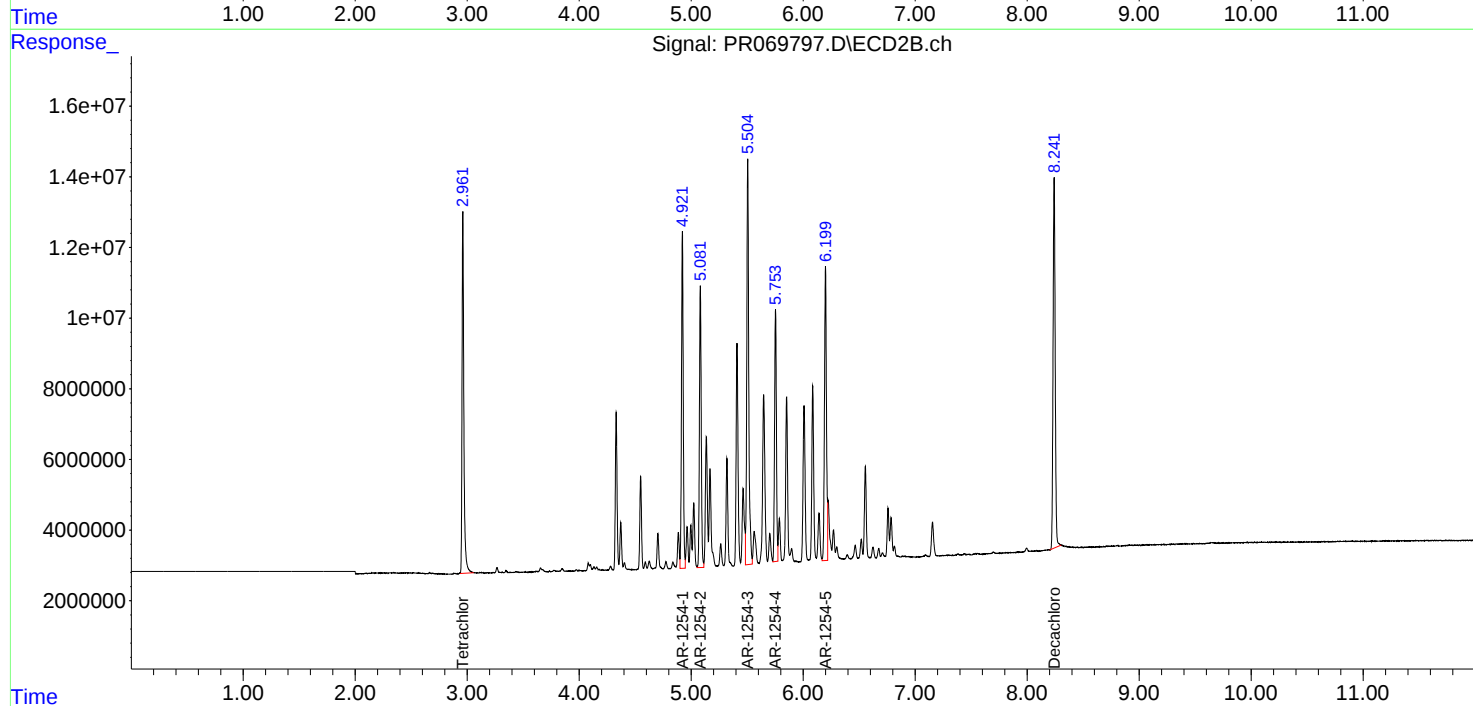
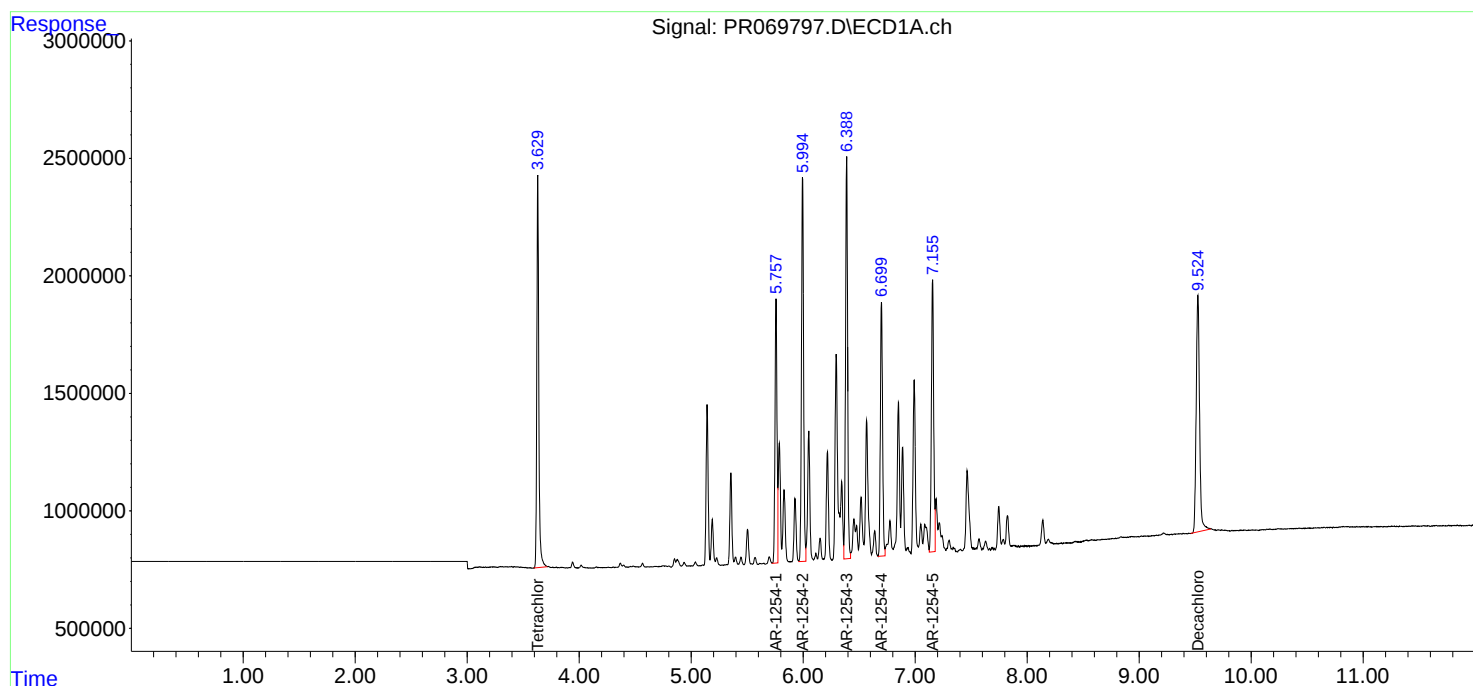
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069797.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 18:15
Operator : AJ\MA
Sample : AR1254ICC400
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12543211

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 02:15:27 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 02:14:30 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069798.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 18:29
 Operator : AJ\MA
 Sample : AR1254ICC800
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR12544212

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 02:15:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 02:14:30 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.630	2.962	40572306	229.2E6	39.106	39.446
2) SA Decachlor...	9.521	8.239	39483509	265.0E6	74.755	76.056
Target Compounds						
26) L6 AR-1254-1	5.757	4.921	26415547	198.2E6	744.052	750.639
27) L6 AR-1254-2	5.994	5.082	40409026	169.3E6	747.351	742.627
28) L6 AR-1254-3	6.385	5.505	41826400	264.3E6	760.043	755.365
29) L6 AR-1254-4	6.698	5.753	27956341	155.6E6	766.499	758.720
30) L6 AR-1254-5	7.154	6.199	31500346	234.9E6	765.492	907.101

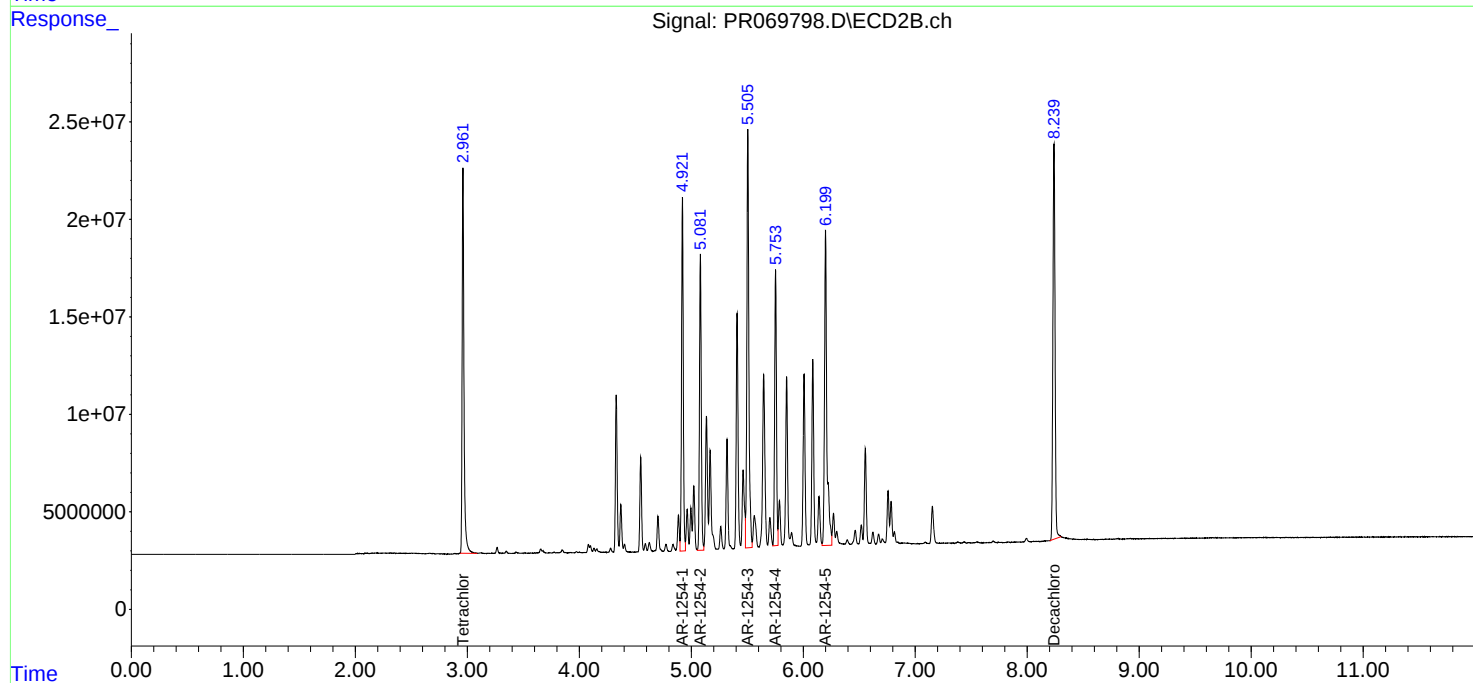
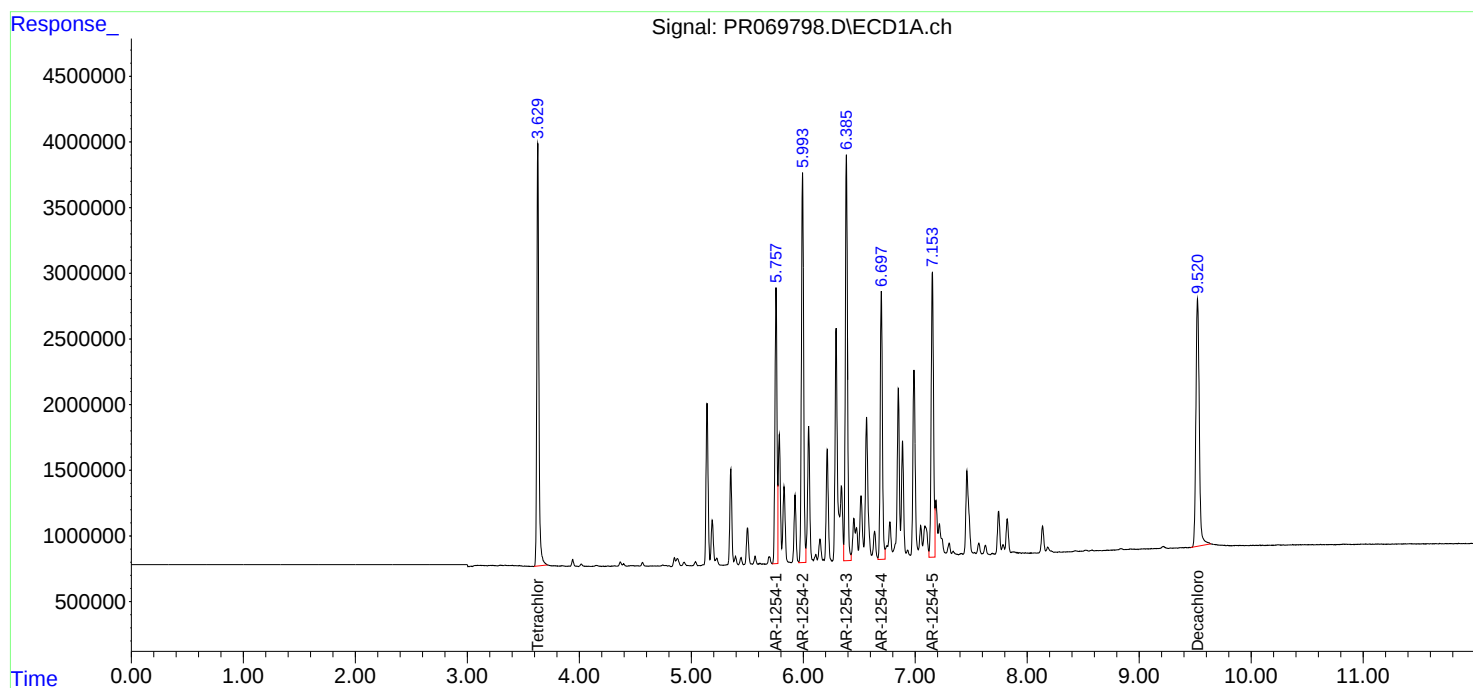
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069798.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 18:29
Operator : AJ\MA
Sample : AR1254ICC800
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12544212

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 02:15:40 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 02:14:30 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069799.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 18:44
 Operator : AJ\MA
 Sample : AR1254ICC1600
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR12545213

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 02:15:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 02:14:30 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.630	2.961	75814099	421.4E6	73.074	72.521
2) SA Decachlor...	9.522	8.238	72435256	500.0E6	137.143	143.497
Target Compounds						
26) L6 AR-1254-1	5.757	4.921	47412828	359.5E6	1335.486	1361.939
27) L6 AR-1254-2	5.994	5.081	73822174	305.5E6	1365.316	1339.733
28) L6 AR-1254-3	6.387	5.505	77819872	489.5E6	1414.094	1398.932
29) L6 AR-1254-4	6.698	5.753	52489953	289.6E6	1439.155	1412.658
30) L6 AR-1254-5	7.154	6.199	59149105	436.7E6	1437.386	1686.441

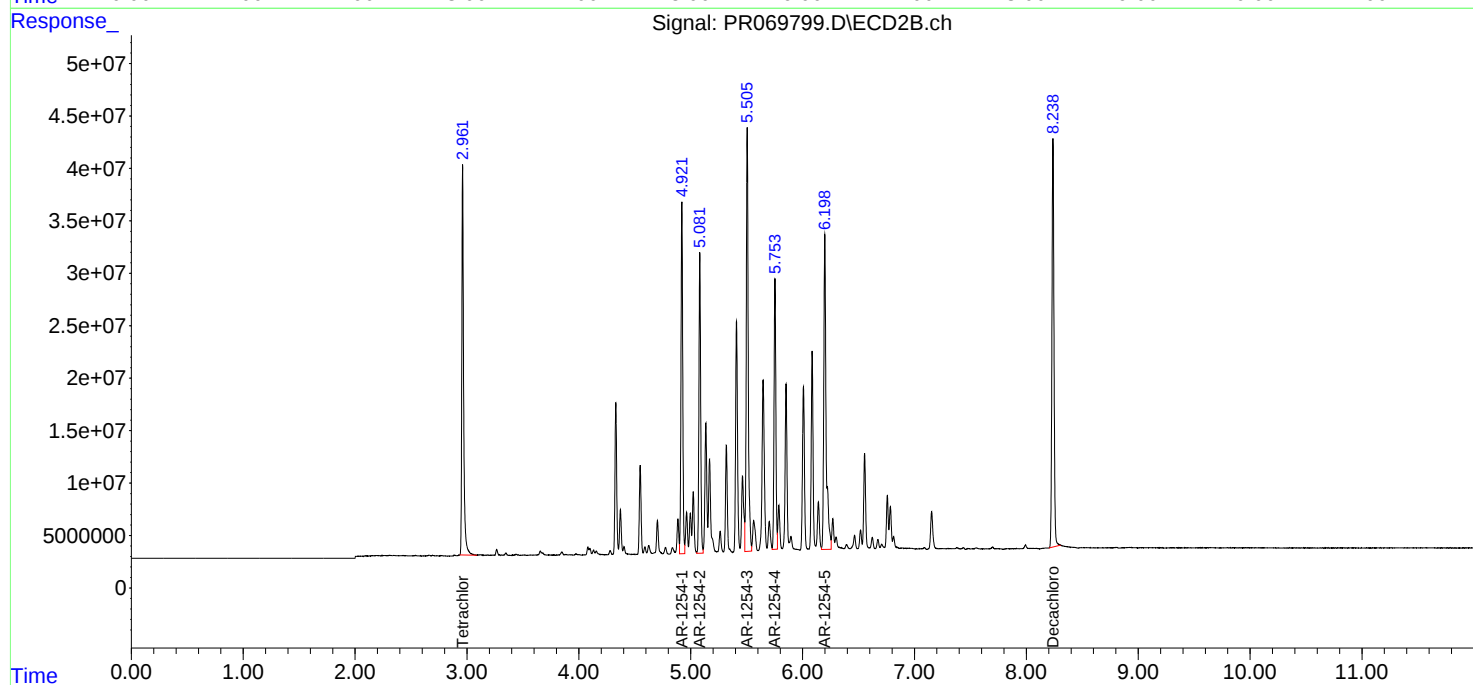
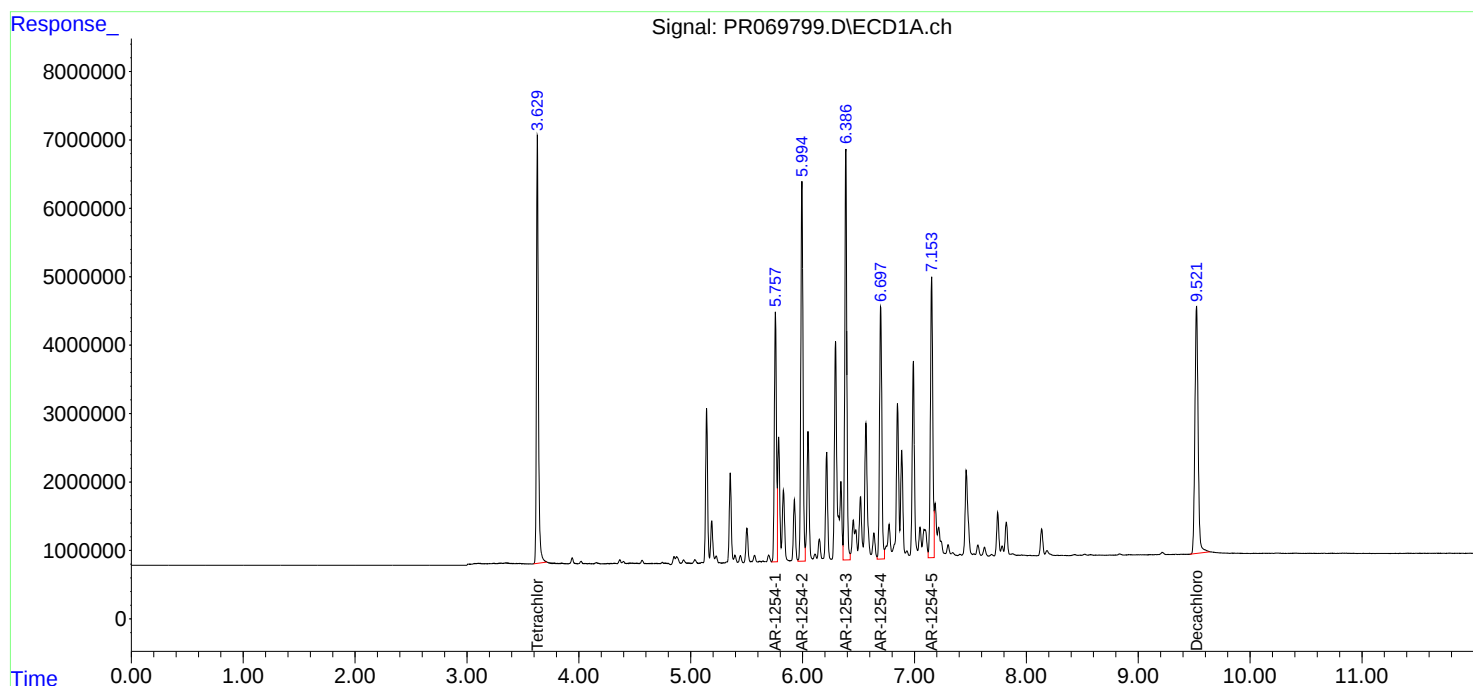
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069799.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 18:44
Operator : AJ\MA
Sample : AR1254ICC1600
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12545213

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 02:15:54 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 02:14:30 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069800.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 18:59
 Operator : AJ\MA
 Sample : AR1262ICC100
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR12621214

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/23/2024
 Supervised By :mohammad ahmed 12/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 02:25:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 02:25:02 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.630	2.961	5244520	29128665	5.043	4.915
2) SA Decachlor...	9.520	8.239	5610628	36990237	10.542	10.533
Target Compounds						
36) L8 AR-1262-1	7.240	6.244	5247172	34207668	99.835	107.107
37) L8 AR-1262-2	7.822	6.785	8433504	57524355	105.687	103.017
38) L8 AR-1262-3	8.129	7.090	5771645	23387423	105.038m	104.078
39) L8 AR-1262-4	8.213	7.158	4515307	43593746	104.703	103.154
40) L8 AR-1262-5	8.835	7.697	2679694	19542562	101.890	102.265

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069800.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 18:59
Operator : AJ\MA
Sample : AR1262ICC100
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :

ECD_R

ClientSampleId :

AR12621214

Manual Integrations

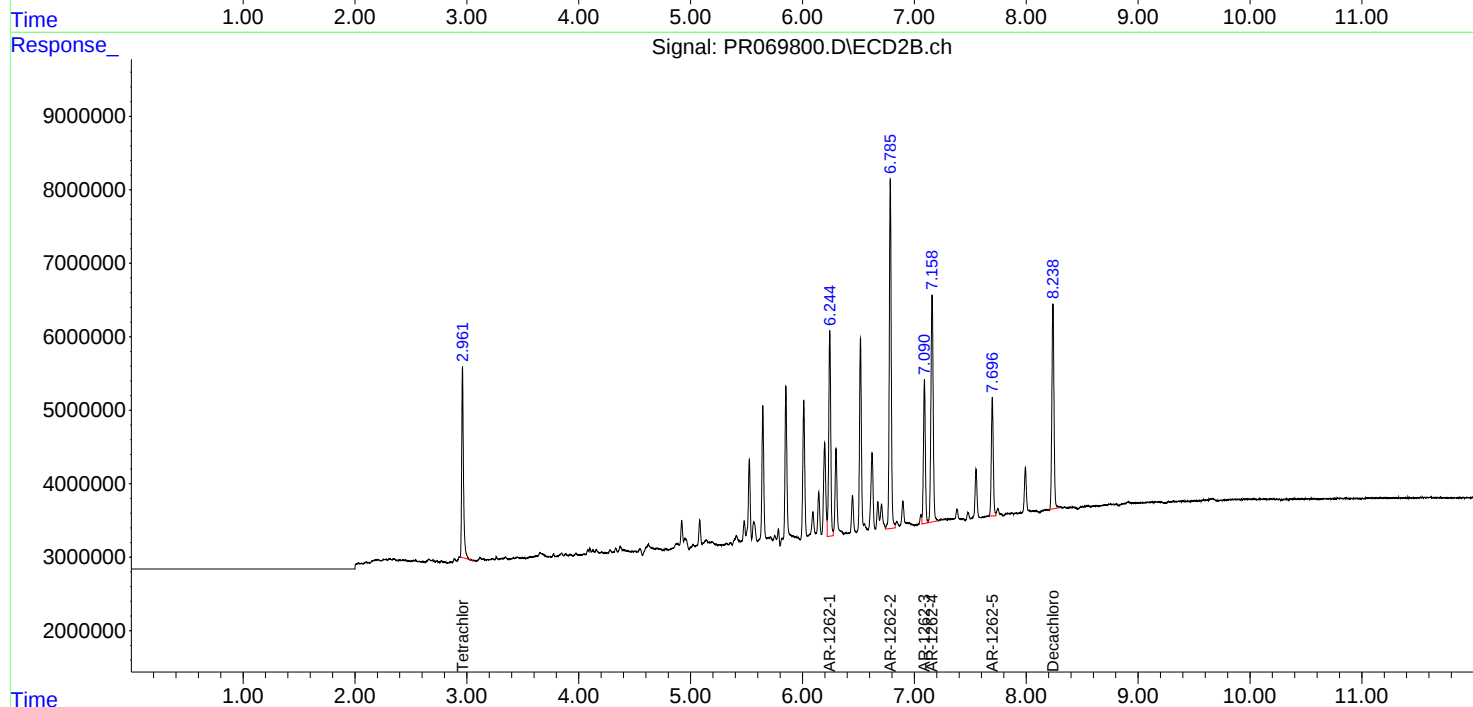
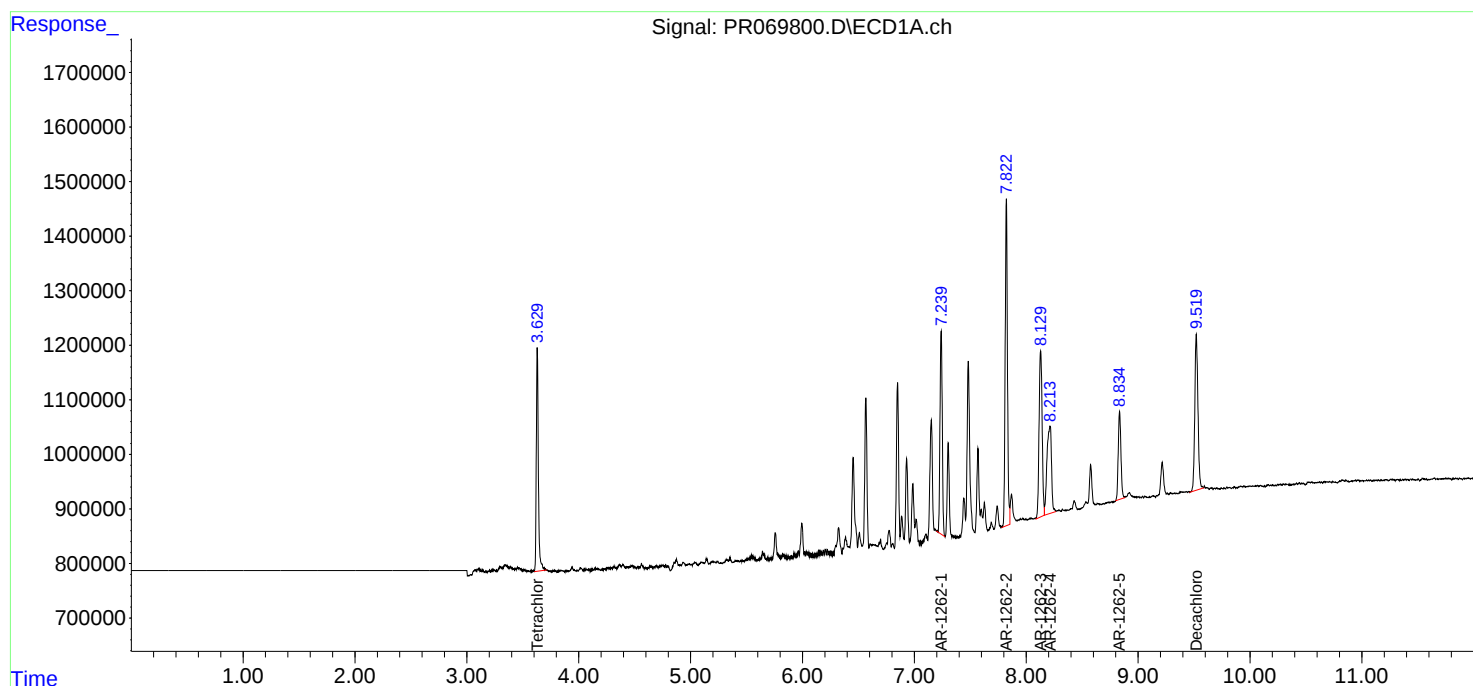
APPROVED

Reviewed By :Yogesh Patel 12/23/2024

Supervised By :mohammad ahmed 12/25/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 02:25:55 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 02:25:02 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069800.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 18:59
 Operator : AJ\MA
 Sample : AR1262ICC100
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

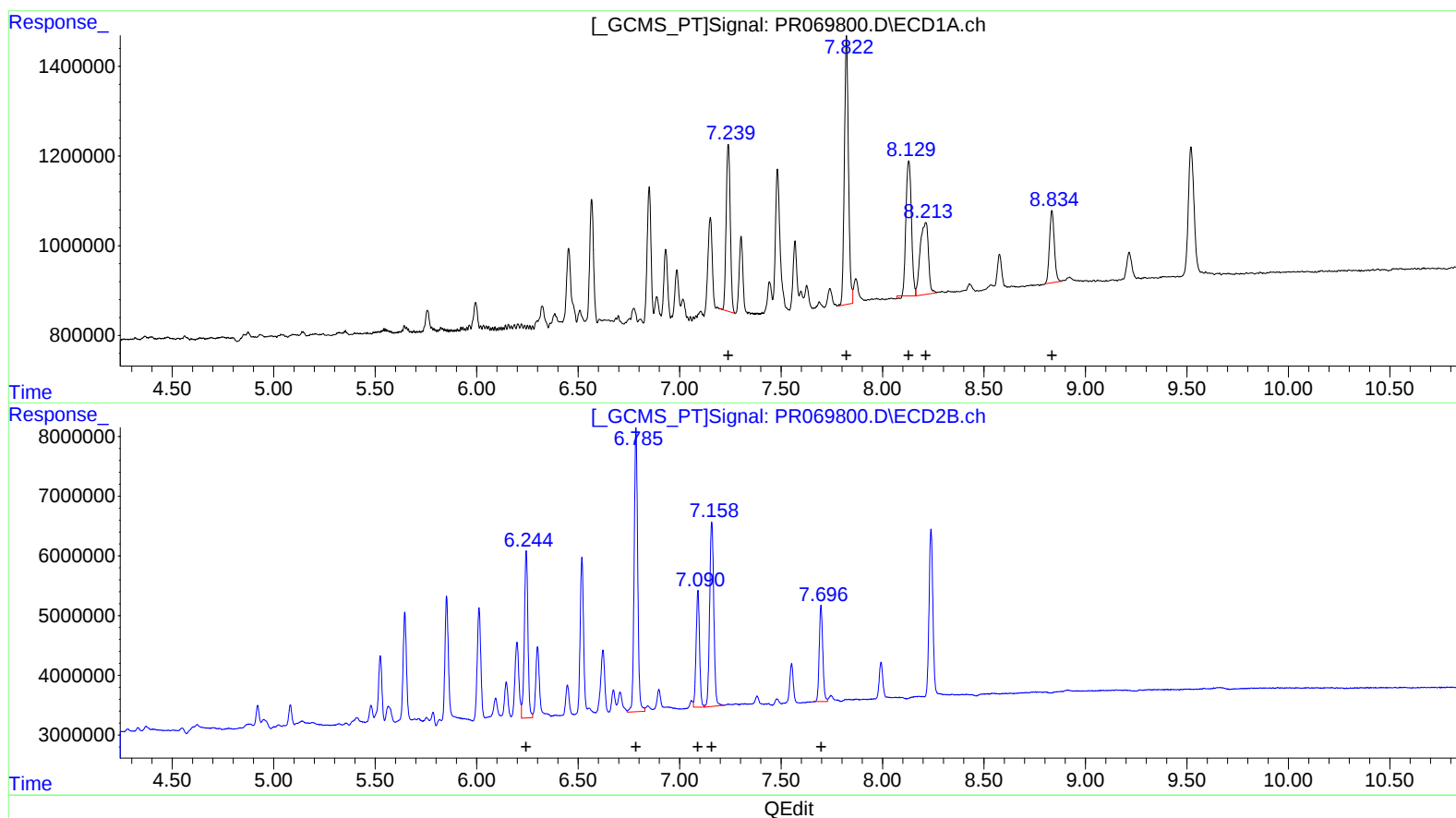
Instrument :
 ECD_R
 LabSampleId :
 AR1262ICC100

Manual IntegrationsAPPROVED

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 02:25:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 02:25:02 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Reviewed By :Yogesh Patel 12/23/2024
 Supervised By :mohammad ahmed 12/25/2024

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(36) AR-1262-1 (L8)
 R.T. Response Conc
 7.24 5247172 99.83
 7.82 8433504 105.69
 8.13 5750224 104.65
 8.21 4515307 104.70
 8.83 2679694 101.89
 (36) AR-1262-1 #2 (L8)
 R.T. Response Conc
 6.24 34207668 107.11
 6.78 57524355 103.02
 7.09 23387423 104.08
 7.16 43593746 103.15
 7.70 19542562 102.26

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069800.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 18:59
 Operator : AJ\MA
 Sample : AR1262ICC100
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

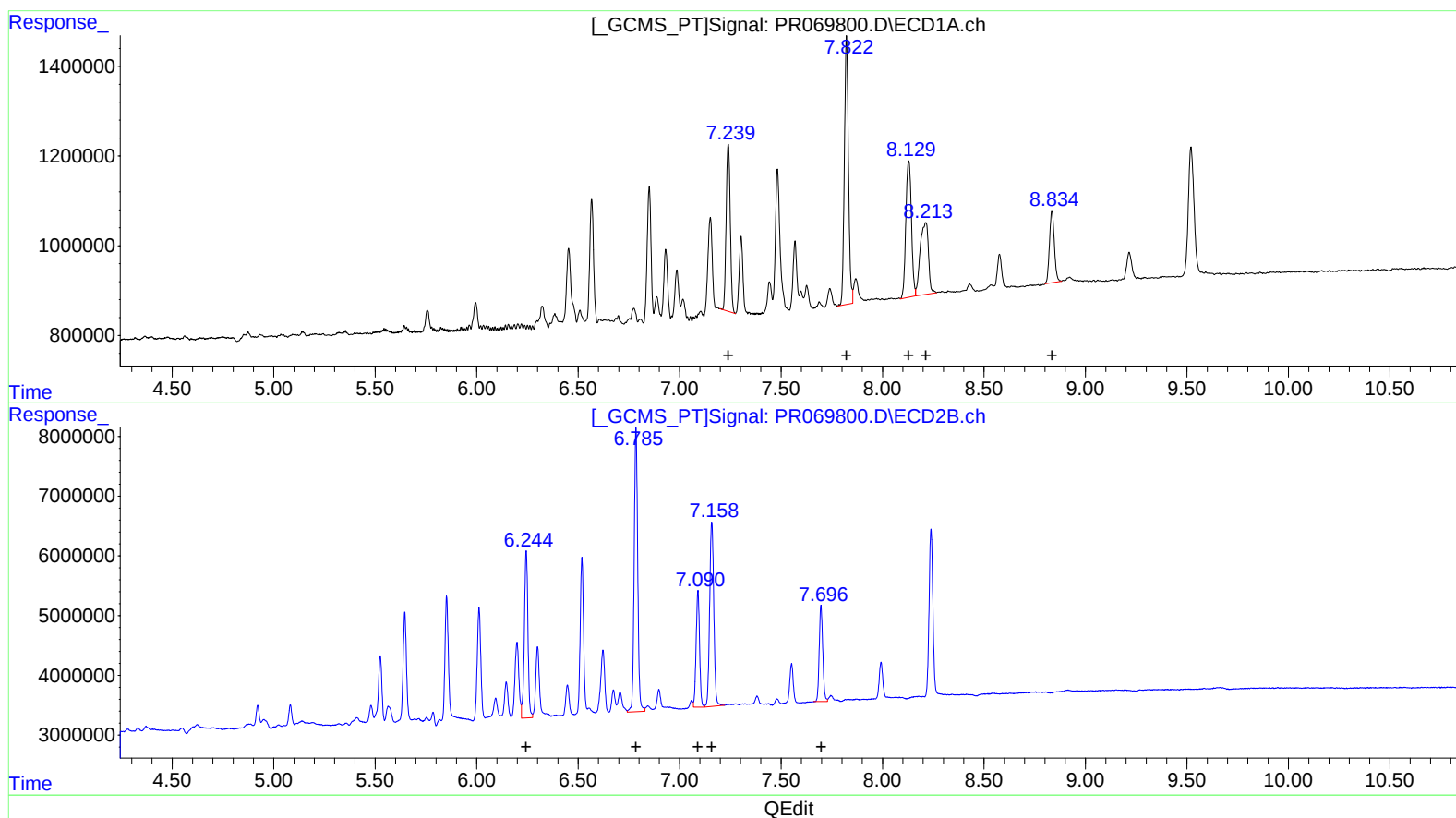
Instrument :
 ECD_R
 LabSampleId :
 AR1262ICC100

Manual IntegrationsAPPROVED

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 02:25:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 02:25:02 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Reviewed By :Yogesh Patel 12/23/2024
 Supervised By :mohammad ahmed 12/25/2024

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(36) AR-1262-1 (L8)
 R.T. Response Conc
 7.24 5247172 99.83
 7.82 8433504 105.69
 8.13 5771645 105.04
 8.21 4515307 104.70
 8.83 2679694 101.89

(36) AR-1262-1 #2 (L8)
 R.T. Response Conc
 6.24 34207668 107.11
 6.78 57524355 103.02
 7.09 23387423 104.08
 7.16 43593746 103.15
 7.70 19542562 102.26

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069801.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 19:13
 Operator : AJ\MA
 Sample : AR1262ICC200
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR12622215

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/23/2024
 Supervised By :mohammad ahmed 12/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 02:26:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 02:25:02 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.630	2.961	10457787	60599307	10.055	10.226
2) SA Decachlor...	9.523	8.238	11016583	73587240	20.700	20.955
Target Compounds						
36) L8 AR-1262-1	7.240	6.244	11154562	67633209	212.231	211.764
37) L8 AR-1262-2	7.821	6.785	16660724	115.4E6	208.789	206.636
38) L8 AR-1262-3	8.127	7.090	11380214	45955297	207.109m	204.509
39) L8 AR-1262-4	8.212	7.158	9269648	86695353	214.949	205.143
40) L8 AR-1262-5	8.837	7.697	5283022	39590692	200.877	207.175

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069801.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 19:13
Operator : AJ\MA
Sample : AR1262ICC200
Misc :
ALS Vial : 34 Sample Multiplier: 1

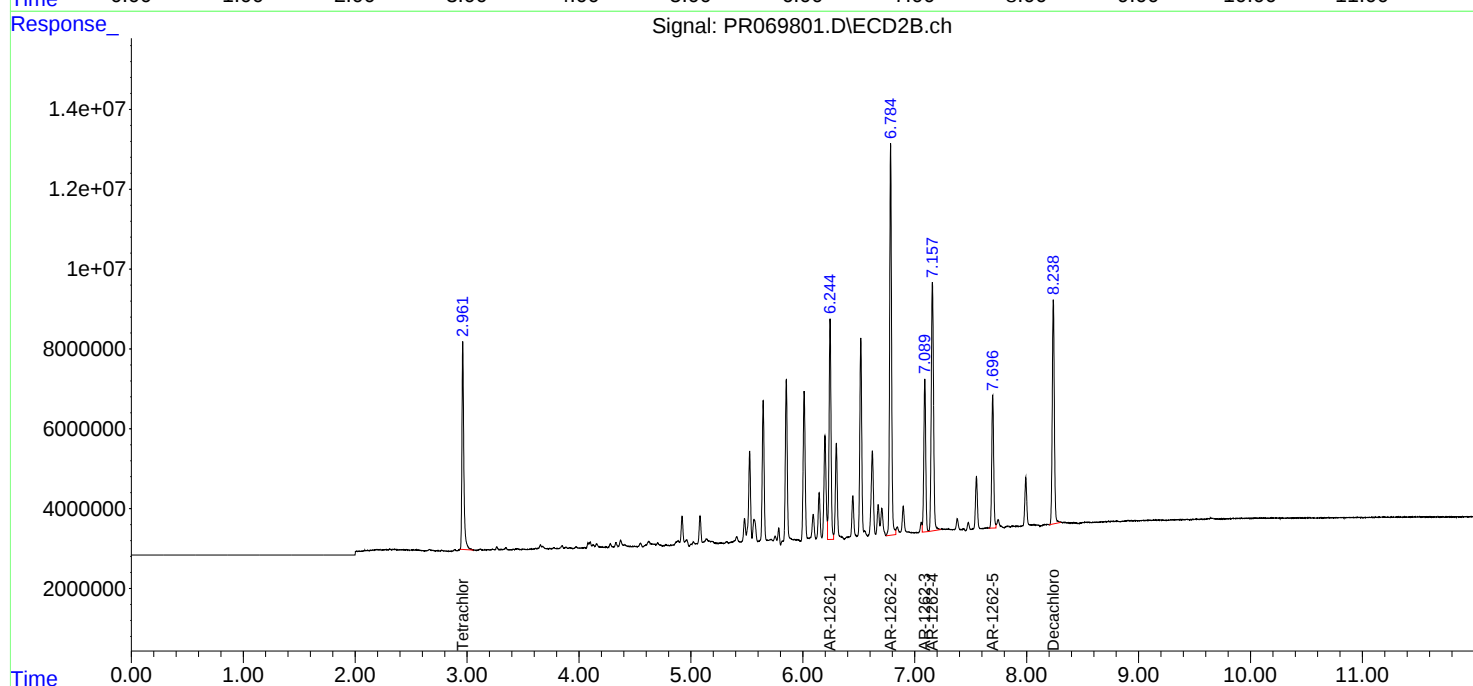
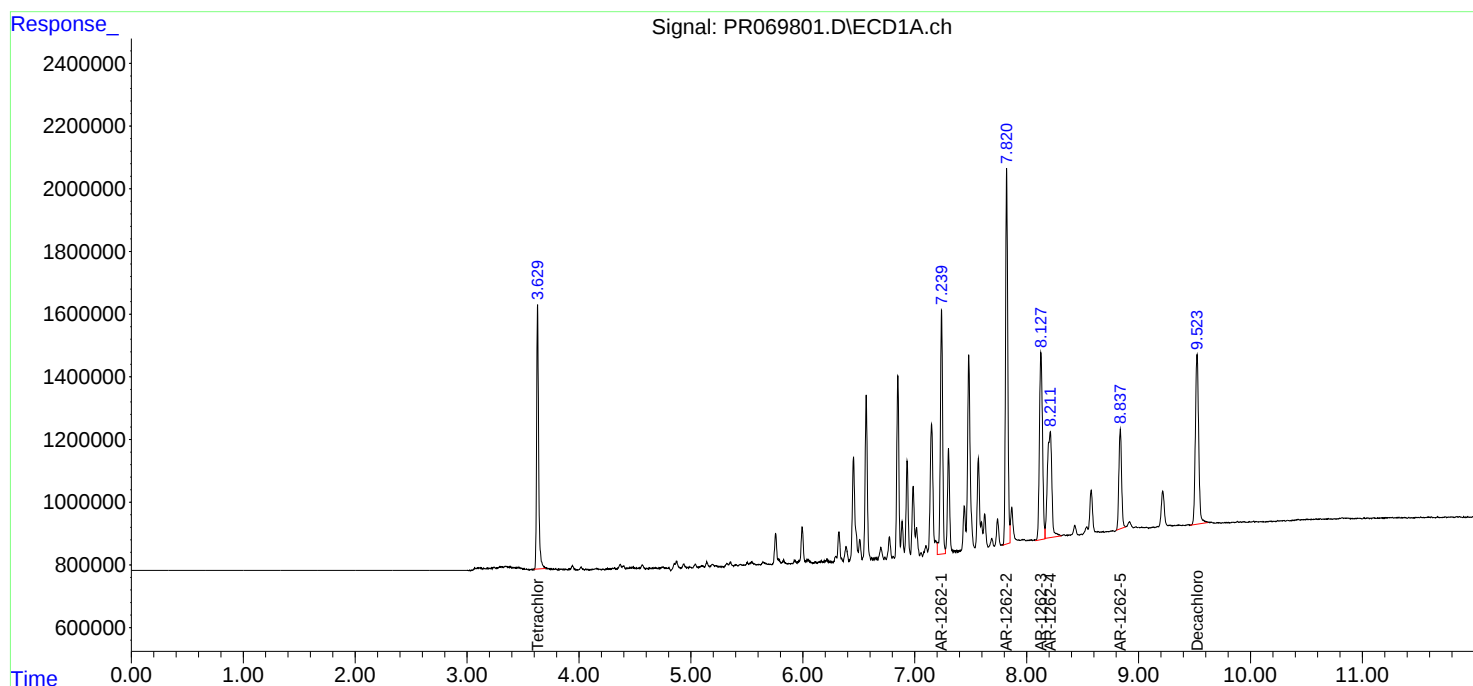
Instrument :
ECD_R
ClientSampleId :
AR12622215

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/23/2024
Supervised By :mohammad ahmed 12/25/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 02:26:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 02:25:02 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069801.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 19:13
Operator : AJ\MA
Sample : AR1262ICC200
Misc :
ALS Vial : 34 Sample Multiplier: 1

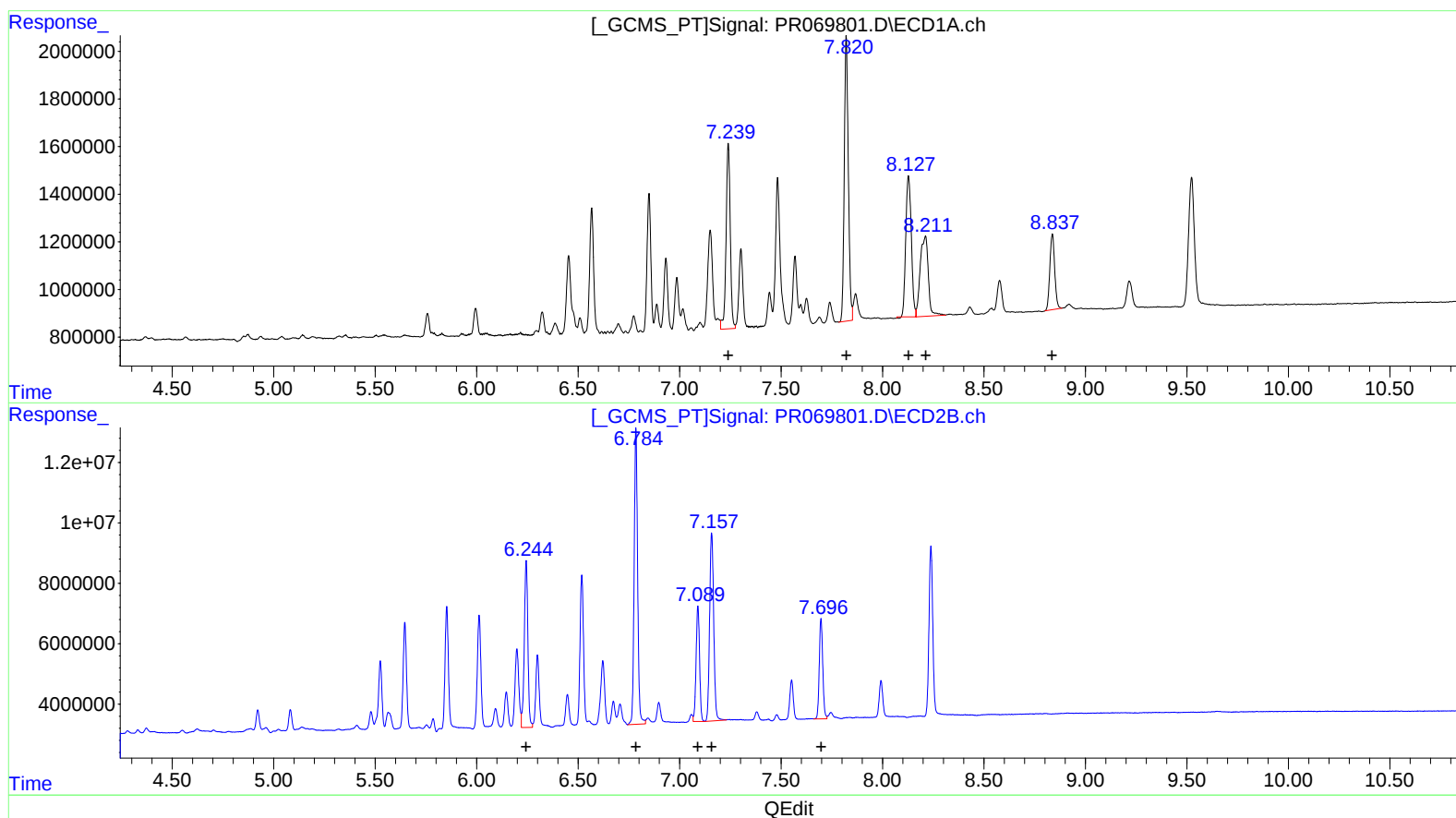
Instrument :
ECD_R
LabSampleId :
AR1262ICC200

Manual IntegrationsAPPROVED

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 02:26:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 02:25:02 2024
Response via : Initial Calibration
Integrator: ChemStation

Reviewed By :Yogesh Patel 12/23/2024
Supervised By :mohammad ahmed 12/25/2024

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(36) AR-1262-1 (L8)
R.T. Response Conc
7.24 11154562 212.23
7.82 16660724 208.79
8.13 11308154 205.80
8.21 9269648 214.95
8.84 5283022 200.88

(36) AR-1262-1 #2 (L8)
R.T. Response Conc
6.24 67633209 211.76
6.78 115385432 206.64
7.09 45955297 204.51
7.16 86695353 205.14
7.70 39590692 207.17

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069801.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 19:13
Operator : AJ\MA
Sample : AR1262ICC200
Misc :
ALS Vial : 34 Sample Multiplier: 1

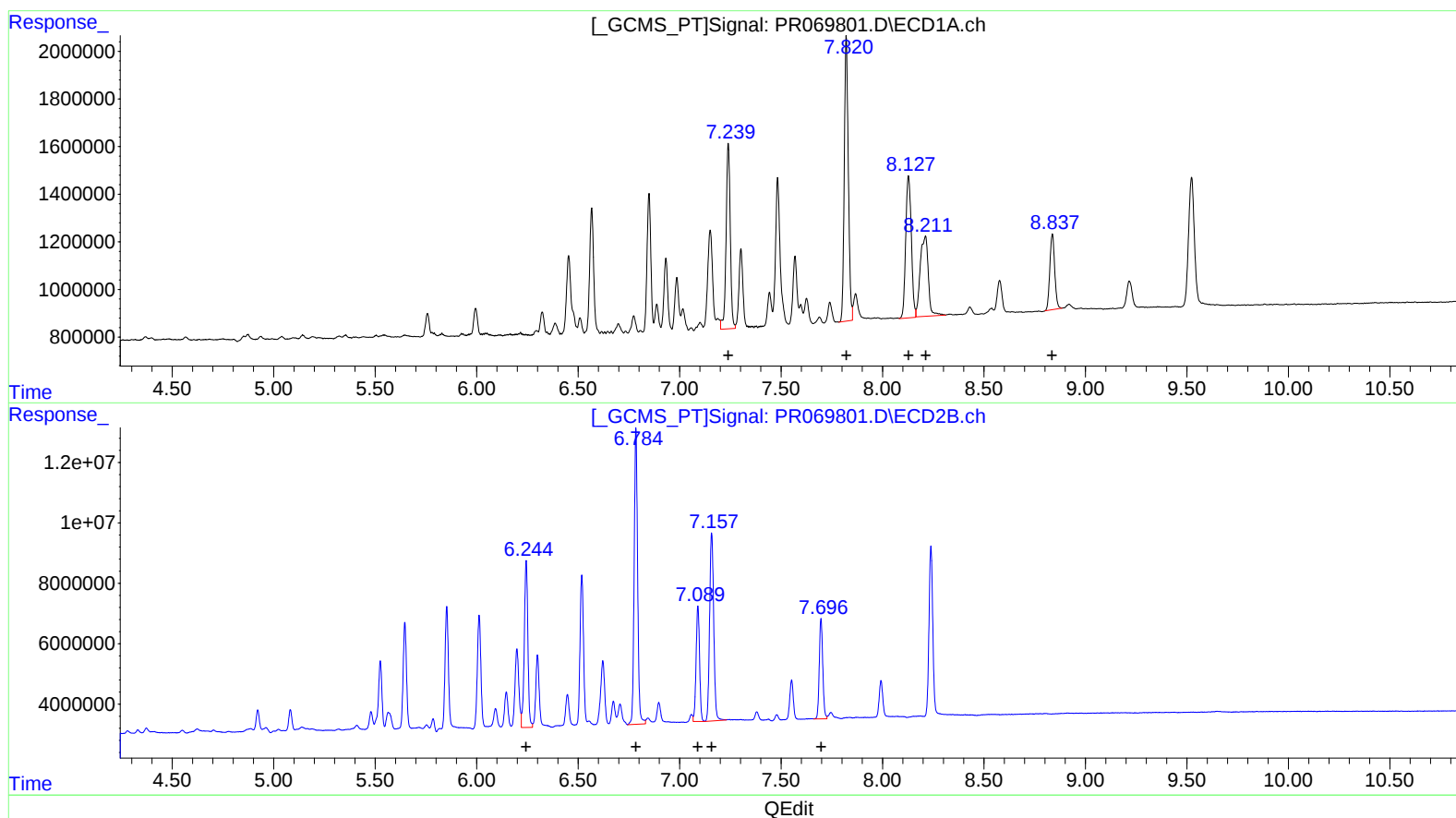
Instrument :
ECD_R
LabSampleId :
AR1262ICC200

Manual IntegrationsAPPROVED

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 02:26:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 02:25:02 2024
Response via : Initial Calibration
Integrator: ChemStation

Reviewed By :Yogesh Patel 12/23/2024
Supervised By :mohammad ahmed 12/25/2024

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(36) AR-1262-1 (L8)
R.T. Response Conc
7.24 11154562 212.23
7.82 16660724 208.79
8.13 11380214 207.11
8.21 9269648 214.95
8.84 5283022 200.88

(36) AR-1262-1 #2 (L8)
R.T. Response Conc
6.24 67633209 211.76
6.78 115385432 206.64
7.09 45955297 204.51
7.16 86695353 205.14
7.70 39590692 207.17

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069802.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 19:28
 Operator : AJ\MA
 Sample : AR1262ICC400
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR12623216

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/23/2024
 Supervised By :mohammad ahmed 12/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 02:26:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 02:25:02 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.630	2.961	20800323	118.5E6	20.000	20.000
2) SA Decachlor...	9.521	8.239	21288031	140.5E6	40.000	40.000
Target Compounds						
36) L8 AR-1262-1	7.240	6.243	21023412	127.8E6	400.000	400.000
37) L8 AR-1262-2	7.823	6.785	31918777	223.4E6	400.000	400.000
38) L8 AR-1262-3	8.128	7.090	22040978	89884267	401.125m	400.000
39) L8 AR-1262-4	8.214	7.158	17249917	169.0E6	400.000	400.000
40) L8 AR-1262-5	8.835	7.697	10519934	76439233	400.000	400.000

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069802.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 19:28
Operator : AJ\MA
Sample : AR1262ICC400
Misc :
ALS Vial : 35 Sample Multiplier: 1

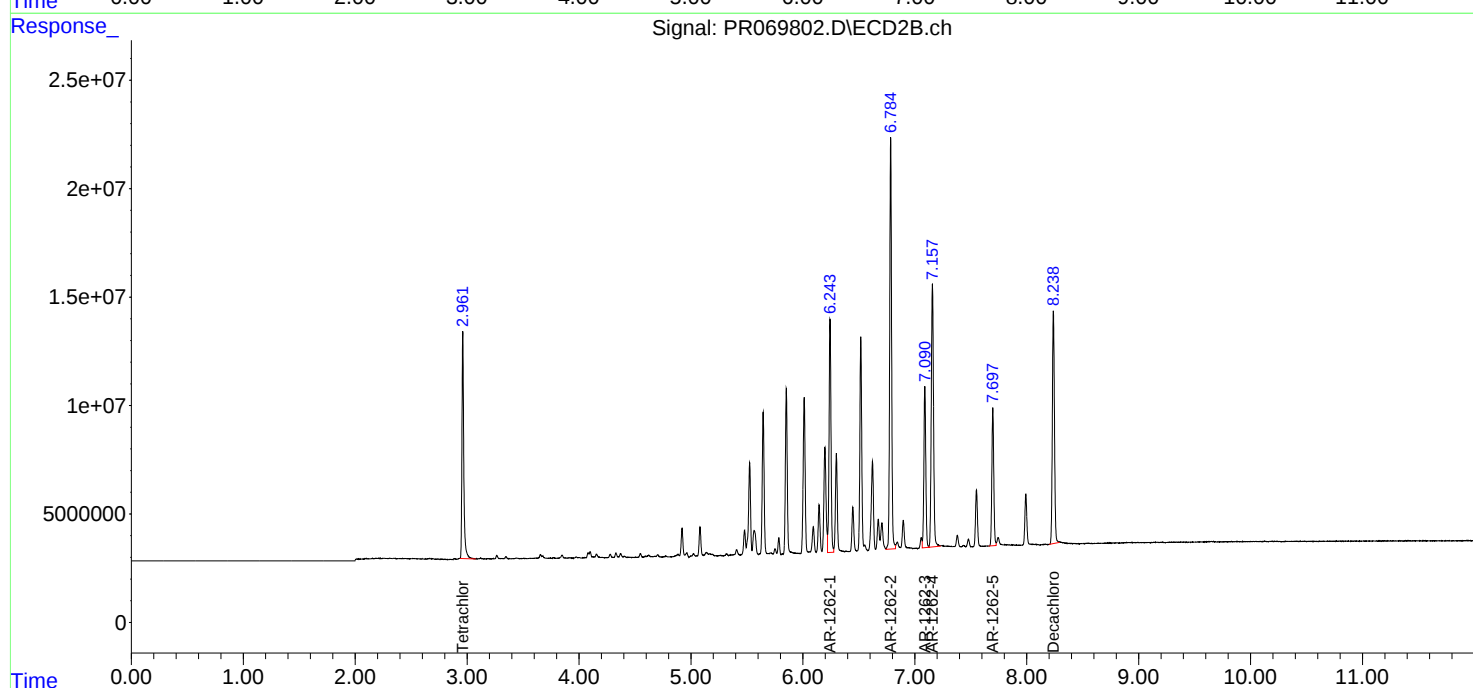
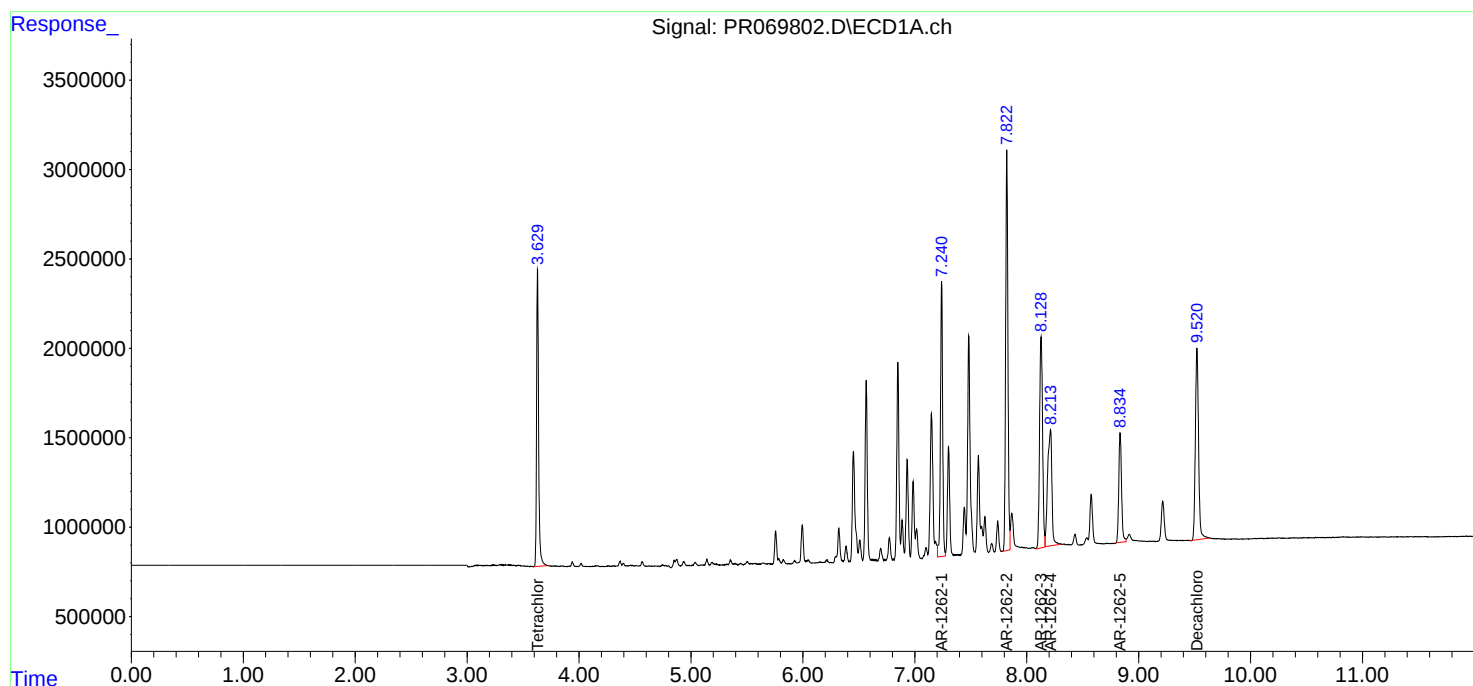
Instrument :
ECD_R
ClientSampleId :
AR12623216

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/23/2024
Supervised By :mohammad ahmed 12/25/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 02:26:18 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 02:25:02 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069802.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 19:28
Operator : AJ\MA
Sample : AR1262ICC400
Misc :
ALS Vial : 35 Sample Multiplier: 1

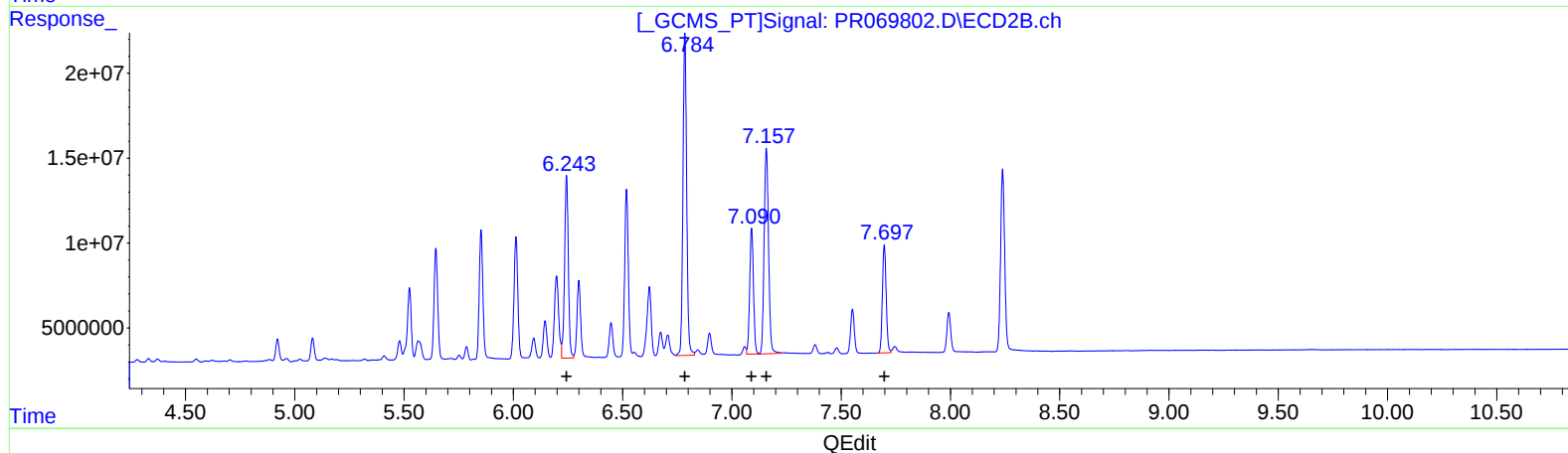
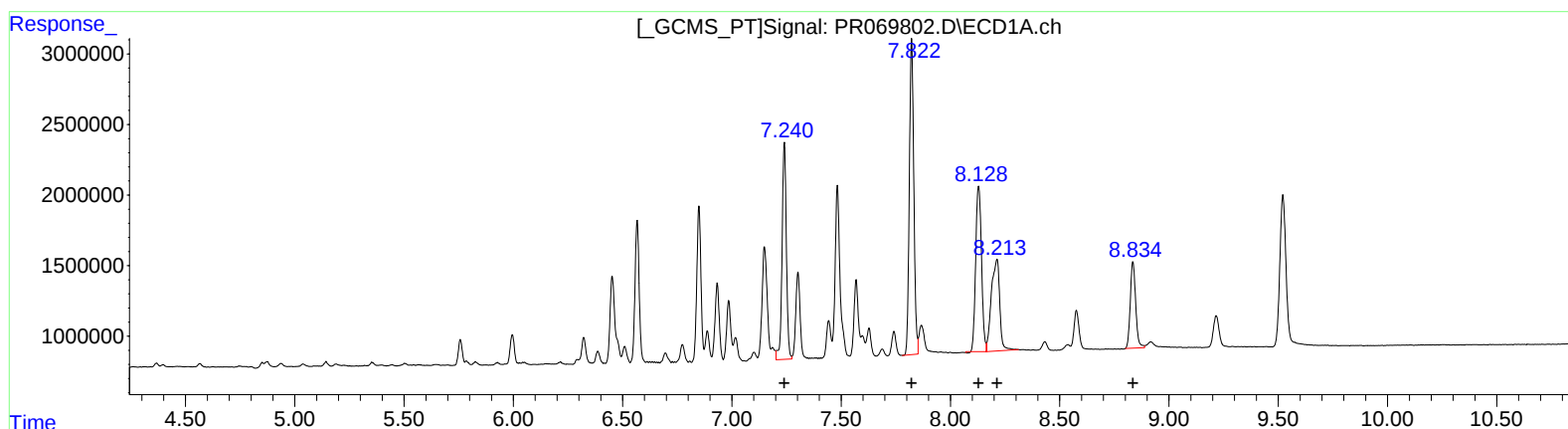
Instrument :
ECD_R
LabSampleId :
AR1262ICC400

Manual IntegrationsAPPROVED

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 02:26:18 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 02:25:02 2024
Response via : Initial Calibration
Integrator: ChemStation

Reviewed By :Yogesh Patel 12/23/2024
Supervised By :mohammad ahmed 12/25/2024

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



QEdit

(36) AR-1262-1 (L8)	R.T.	Response	Conc
7.24	21023412	400.00	
7.82	31918777	400.00	
8.13	21823261	397.16	
8.21	17249917	400.00	
8.83	10519934	400.00	

(36) AR-1262-1 #2 (L8)	R.T.	Response	Conc
6.24	127751884	400.00	
6.78	223359565	400.00	
7.09	89884267	400.00	
7.16	169043938	400.00	
7.70	76439233	400.00	

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069802.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 19:28
Operator : AJ\MA
Sample : AR1262ICC400
Misc :
ALS Vial : 35 Sample Multiplier: 1

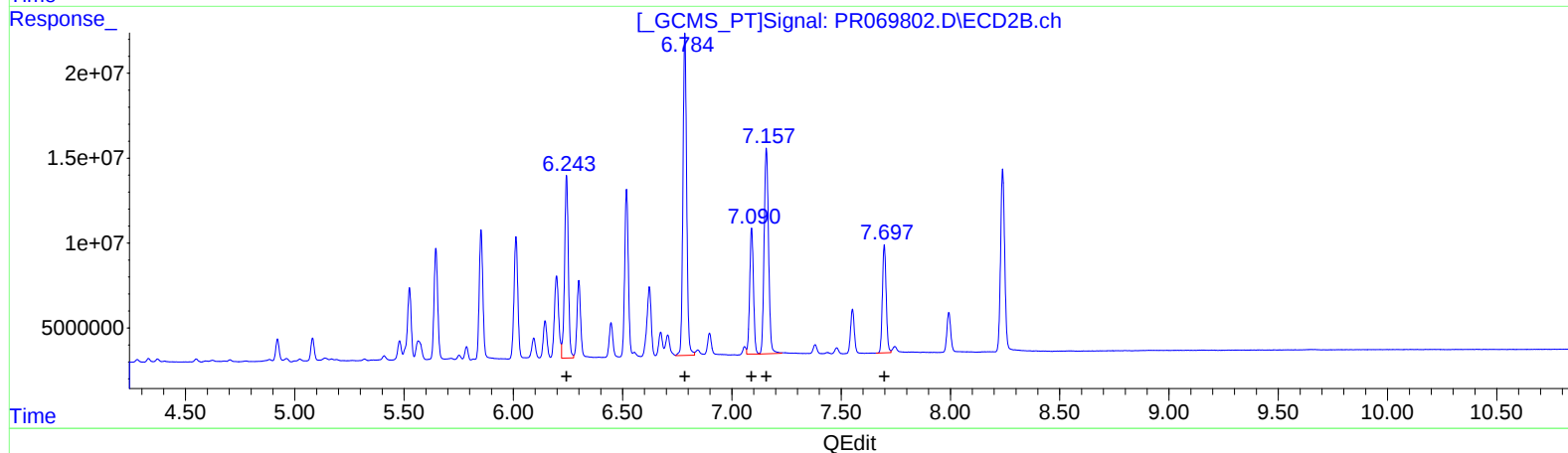
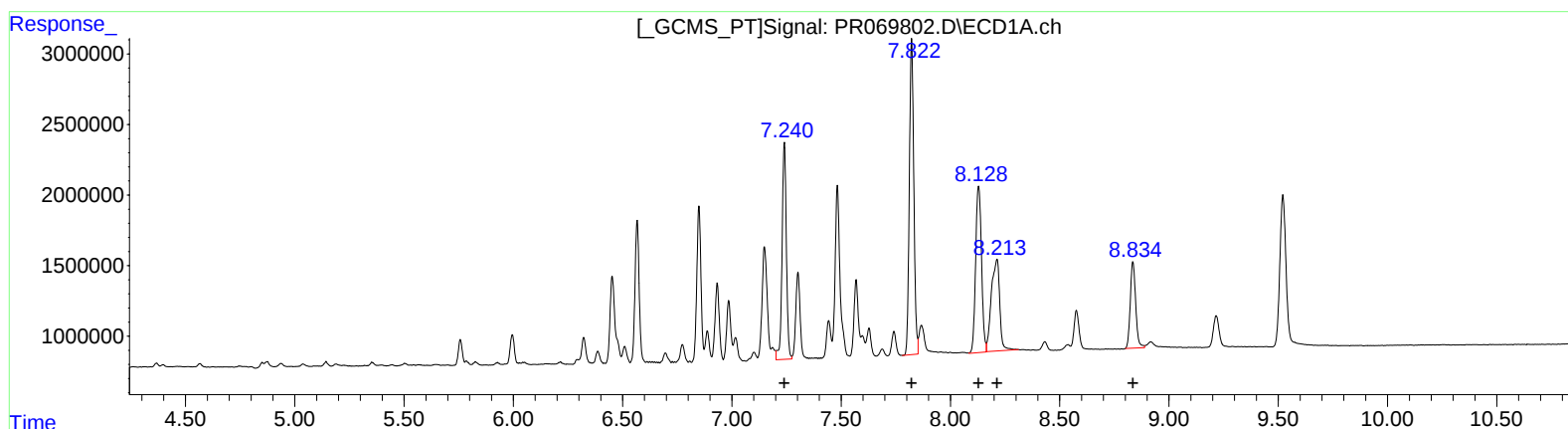
Instrument :
ECD_R
LabSampleId :
AR1262ICC400

Manual IntegrationsAPPROVED

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 02:26:18 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 02:25:02 2024
Response via : Initial Calibration
Integrator: ChemStation

Reviewed By :Yogesh Patel 12/23/2024
Supervised By :mohammad ahmed 12/25/2024

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(36) AR-1262-1 (L8)
R.T. Response Conc
7.24 21023412 400.00
7.82 31918777 400.00
8.13 22040978 401.13
8.21 17249917 400.00
8.83 10519934 400.00

(36) AR-1262-1 #2 (L8)
R.T. Response Conc
6.24 127751884 400.00
6.78 223359565 400.00
7.09 89884267 400.00
7.16 169043938 400.00
7.70 76439233 400.00

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069803.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 19:43
 Operator : AJ\MA
 Sample : AR1262ICC800
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR12624217

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/23/2024
 Supervised By :mohammad ahmed 12/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 02:26:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 02:25:02 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.630	2.961	40298143	228.0E6	38.748	38.480
2) SA Decachlor...	9.523	8.239	40005510	269.2E6	75.170	76.664
Target Compounds						
36) L8 AR-1262-1	7.240	6.243	39613181	242.6E6	753.697	759.715
37) L8 AR-1262-2	7.823	6.784	61606397	437.1E6	772.040	782.791
38) L8 AR-1262-3	8.127	7.089	41630535	170.8E6	757.637m	759.947
39) L8 AR-1262-4	8.214	7.158	33254515	327.7E6	771.123	775.421
40) L8 AR-1262-5	8.837	7.697	20395143	148.0E6	775.486	774.525

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069803.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 19:43
Operator : AJ\MA
Sample : AR1262ICC800
Misc :
ALS Vial : 36 Sample Multiplier: 1

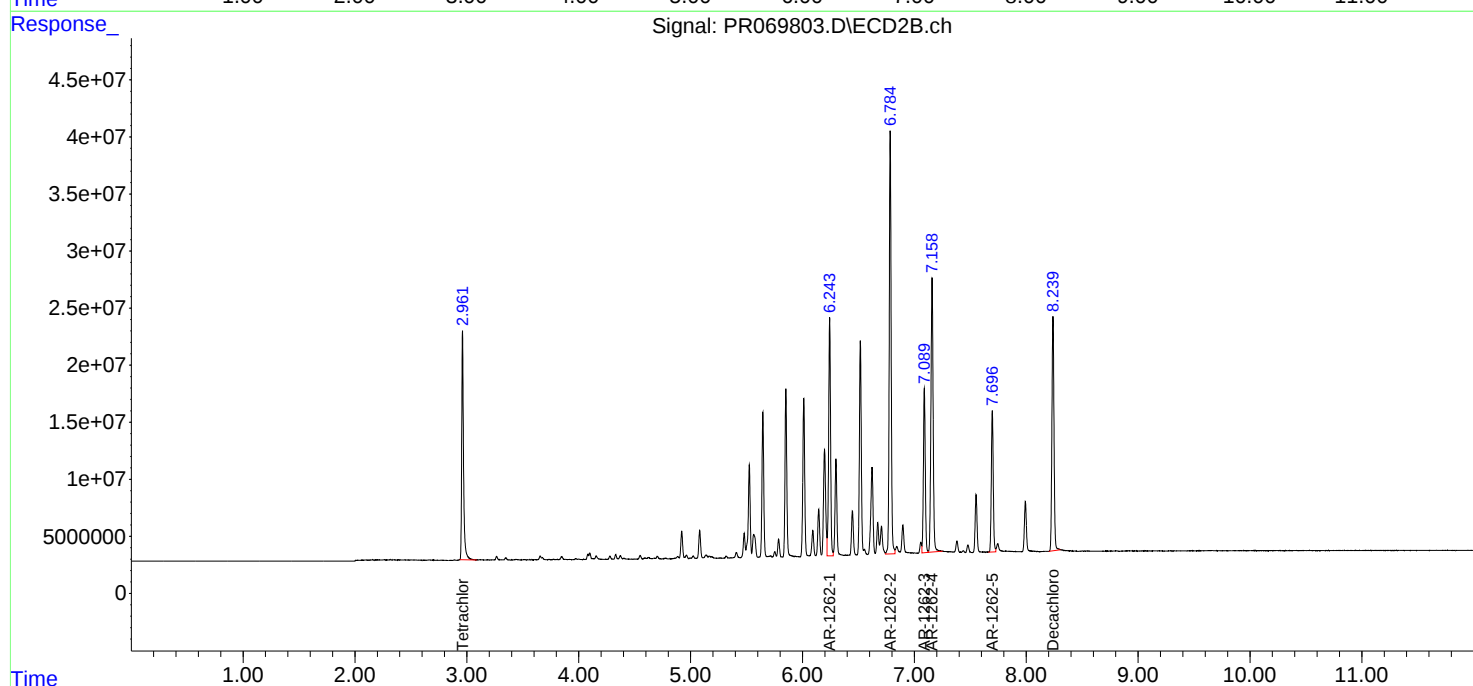
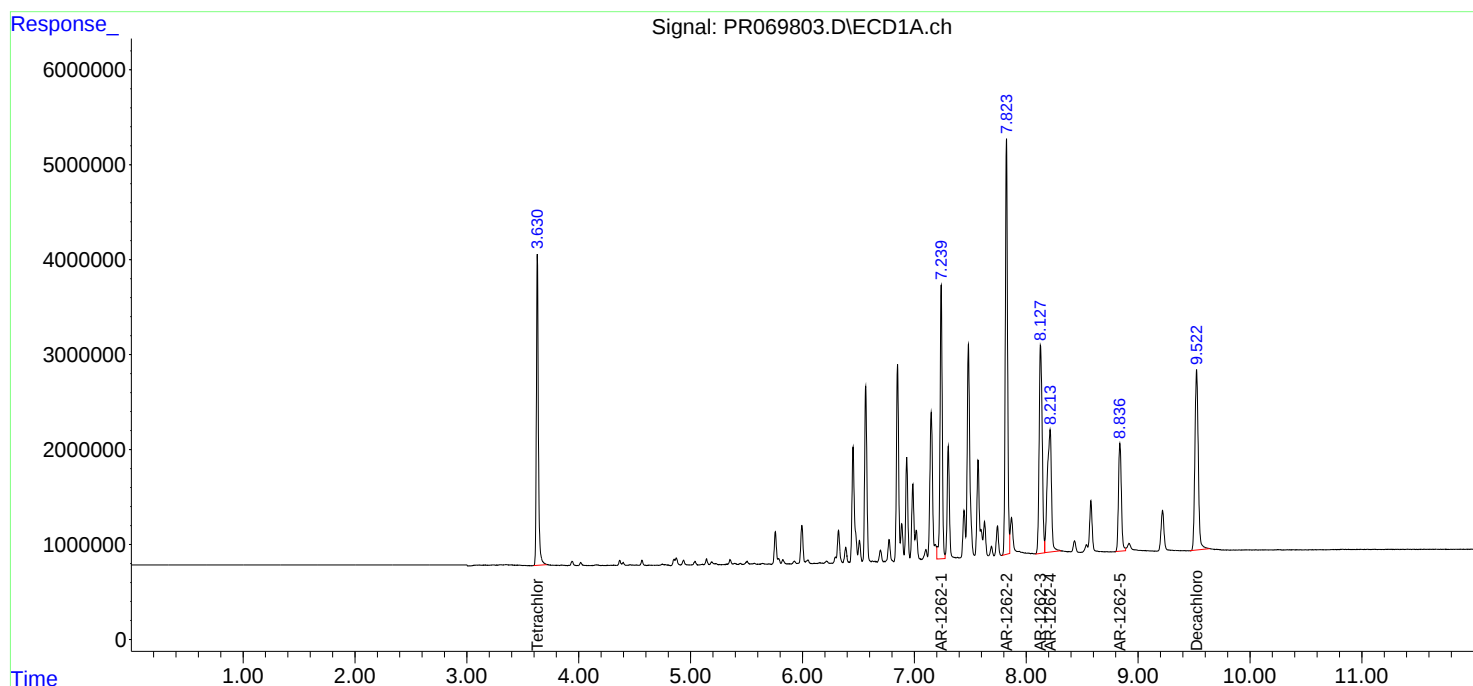
Instrument :
ECD_R
ClientSampleId :
AR12624217

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/23/2024
Supervised By :mohammad ahmed 12/25/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 02:26:33 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 02:25:02 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069803.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 19:43
Operator : AJ\MA
Sample : AR1262ICC800
Misc :
ALS Vial : 36 Sample Multiplier: 1

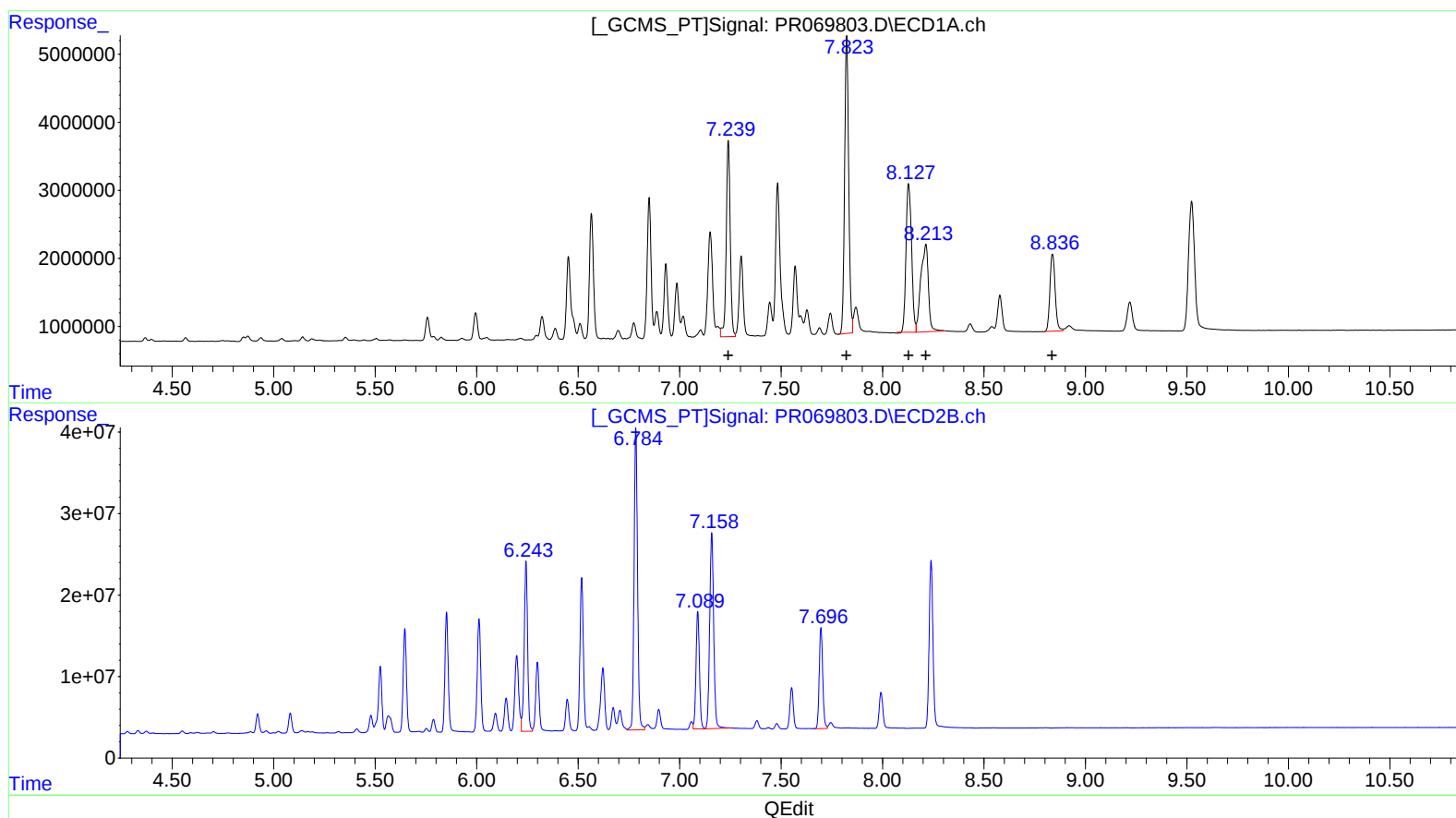
Instrument :
ECD_R
LabSampleId :
AR1262ICC800

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/23/2024
Supervised By :mohammad ahmed 12/25/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 02:26:33 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 02:25:02 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(36) AR-1262-1 (L8)
R.T. Response Conc
7.24 39613181 753.70
7.82 61606397 772.04
8.13 41576910 756.66
8.21 33254515 771.12
8.84 20395143 775.49

(36) AR-1262-1 #2 (L8)
R.T. Response Conc
6.24 242637436 759.71
6.78 437109696 782.79
7.09 170768191 759.95
7.16 327700558 775.42
7.70 148010285 774.53

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069803.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 19:43
Operator : AJ\MA
Sample : AR1262ICC800
Misc :
ALS Vial : 36 Sample Multiplier: 1

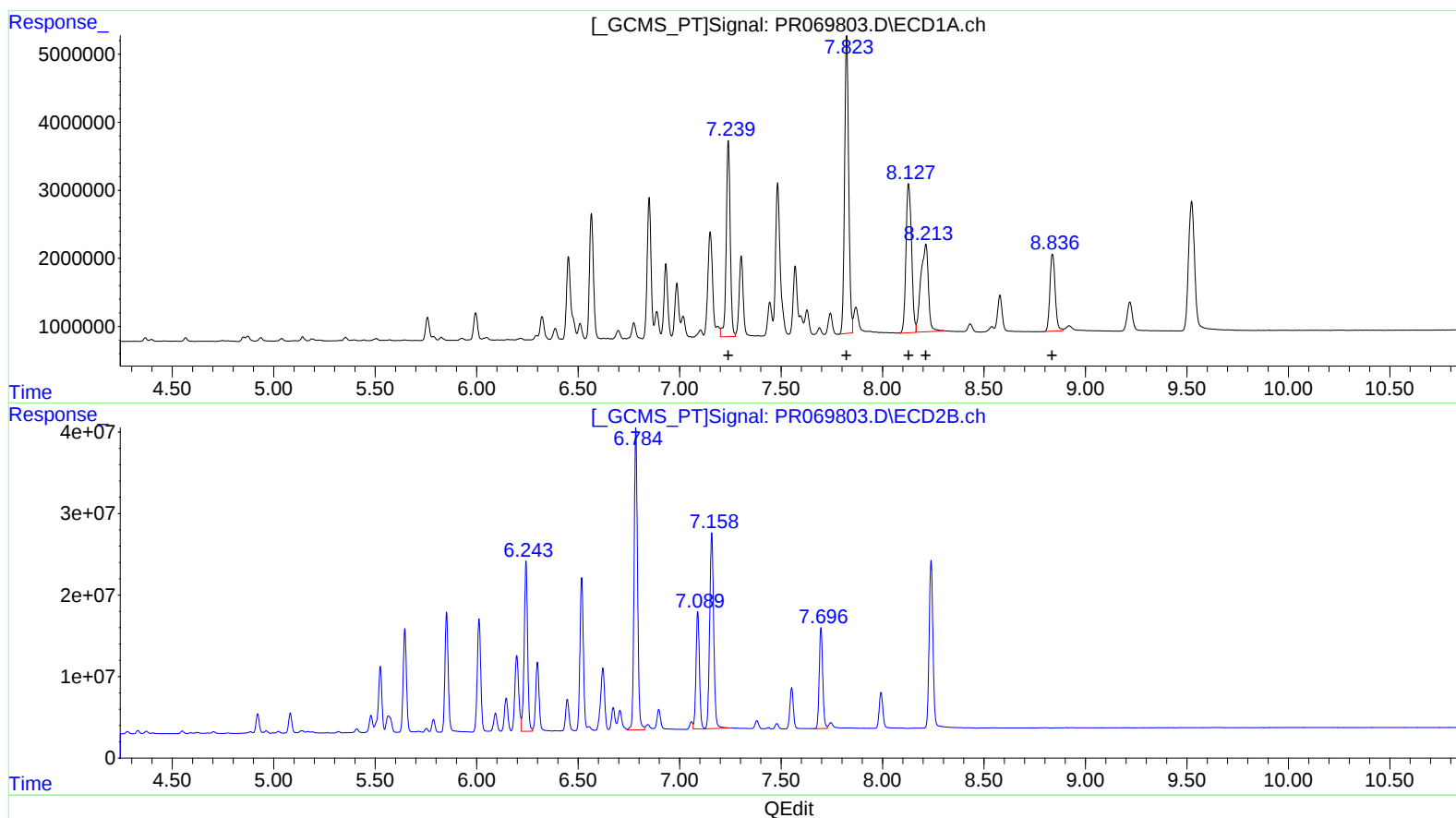
Instrument :
ECD_R
LabSampleId :
AR1262ICC800

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/23/2024
Supervised By :mohammad ahmed 12/25/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 02:26:33 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 02:25:02 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(36) AR-1262-1 (L8)
R.T. Response Conc
7.24 39613181 753.70
7.82 61606397 772.04
8.13 41630535 757.64
8.21 33254515 771.12
8.84 20395143 775.49

(36) AR-1262-1 #2 (L8)
R.T. Response Conc
6.24 242637436 759.71
6.78 437109696 782.79
7.09 170768191 759.95
7.16 327700558 775.42
7.70 148010285 774.53

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069804.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 19:57
 Operator : AJ\MA
 Sample : AR1262ICC1600
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR12625218

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/23/2024
 Supervised By :mohammad ahmed 12/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 02:26:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 02:25:02 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.630	2.961	76063029	421.7E6	73.136	71.162
2) SA Decachlor...	9.522	8.238	73572171	505.7E6	138.241	143.991
Target Compounds						
36) L8 AR-1262-1	7.239	6.243	71786511	453.0E6	1365.839	1418.280
37) L8 AR-1262-2	7.822	6.784	118.3E6	828.7E6	1482.302	1484.133
38) L8 AR-1262-3	8.126	7.090	77688672	321.4E6	1413.861m	1430.302
39) L8 AR-1262-4	8.212	7.158	61154743	622.6E6	1418.088	1473.126
40) L8 AR-1262-5	8.835	7.697	38283898	280.9E6	1455.671	1470.172

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069804.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 19:57
Operator : AJ\MA
Sample : AR1262ICC1600
Misc :
ALS Vial : 37 Sample Multiplier: 1

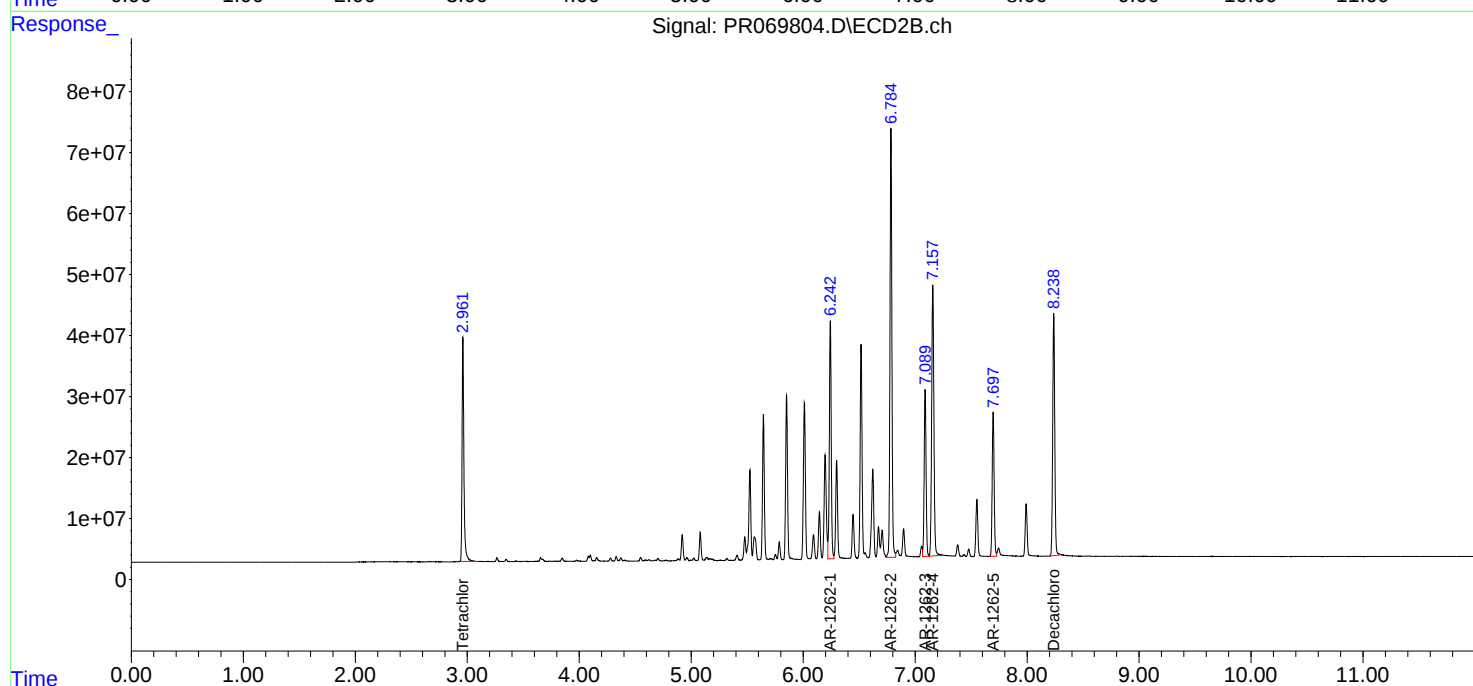
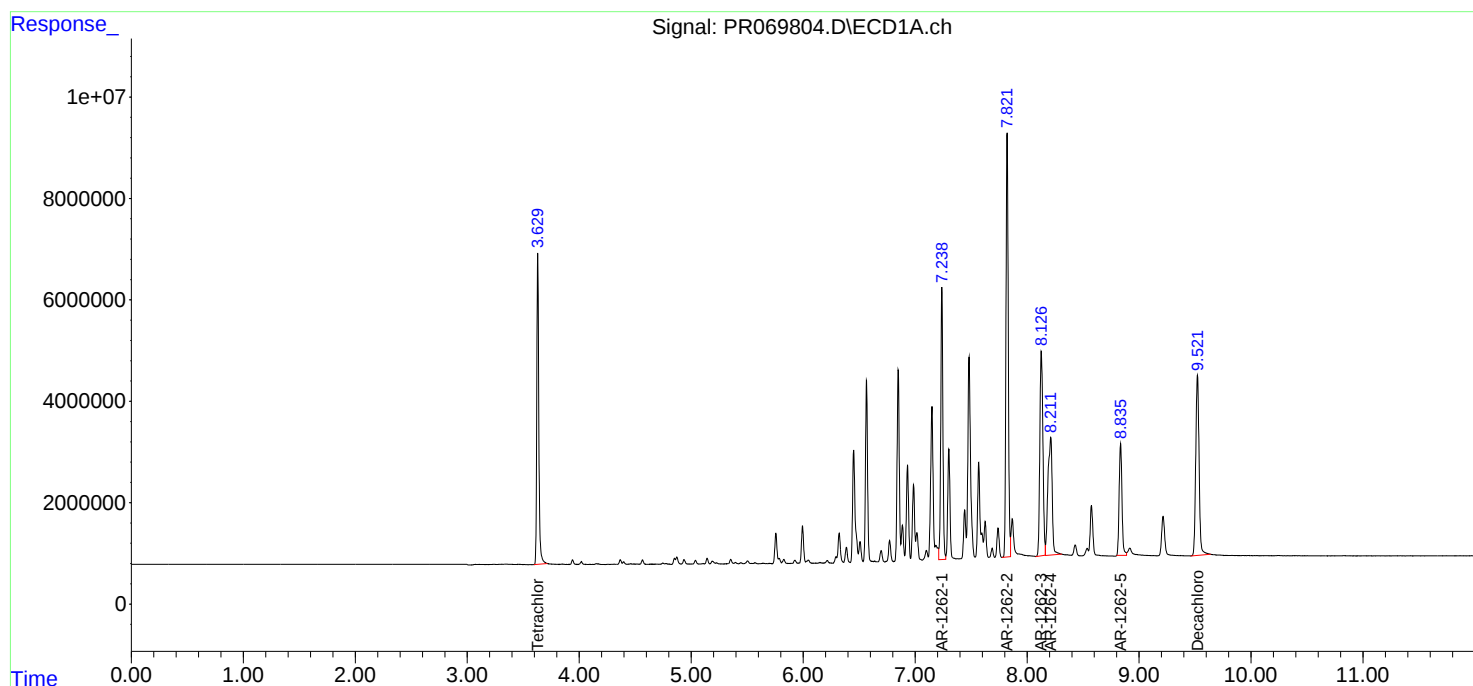
Instrument :
ECD_R
ClientSampleId :
AR12625218

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/23/2024
Supervised By :mohammad ahmed 12/25/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 02:26:45 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 02:25:02 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069804.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 19:57
 Operator : AJ\MA
 Sample : AR1262ICC1600
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

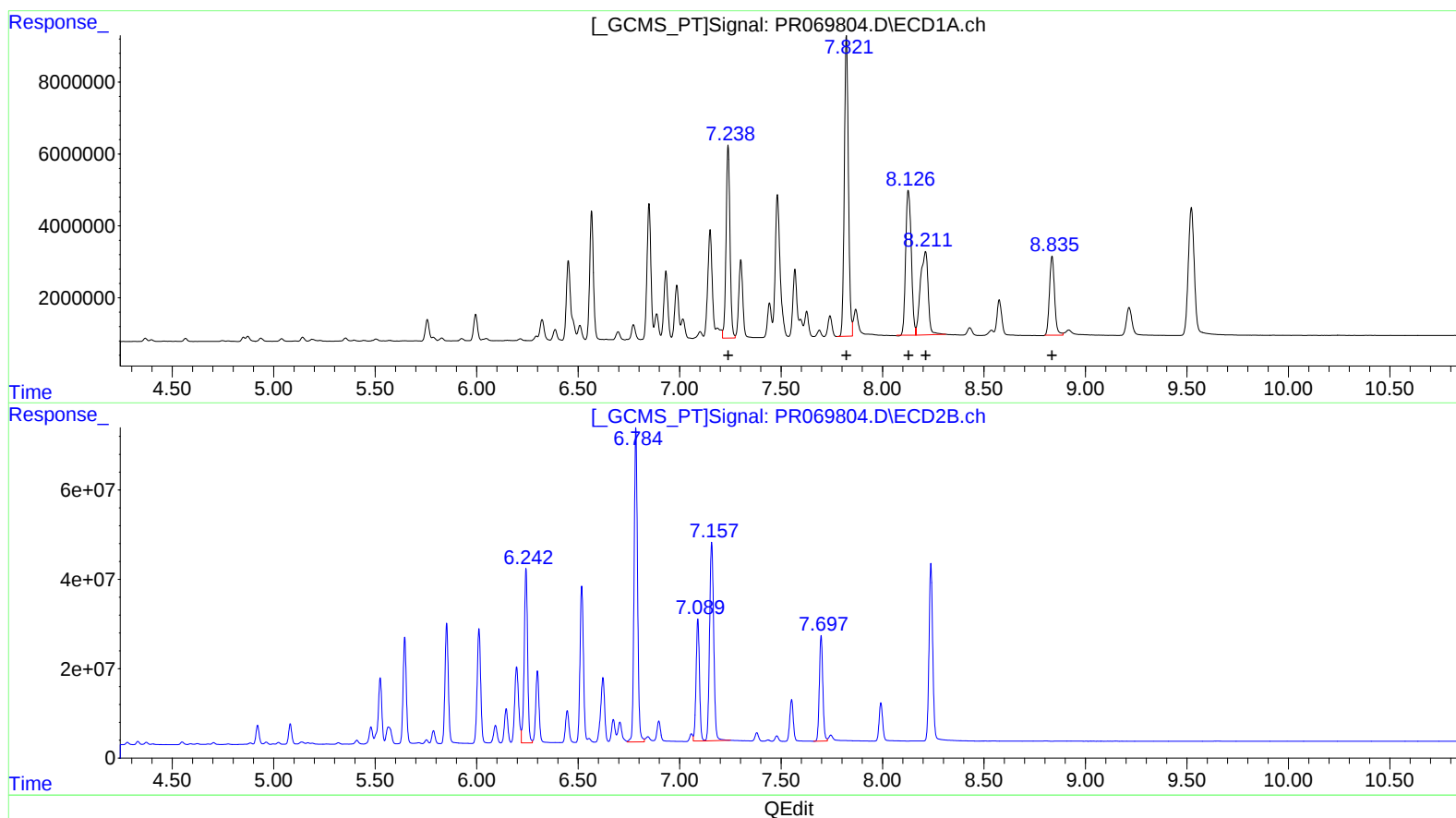
Instrument :
 ECD_R
 LabSampleId :
 AR1262ICC1600

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/23/2024
 Supervised By :mohammad ahmed 12/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 02:26:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 02:25:02 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(36) AR-1262-1 (L8)
 R.T. Response Conc
 7.24 71786511 1365.84
 7.82 118283196 1482.30
 8.13 77672183 1413.56
 8.21 61154743 1418.09
 8.84 38283898 1455.67

(36) AR-1262-1 #2 (L8)
 R.T. Response Conc
 6.24 452969773 1418.28
 6.78 828738363 1484.13
 7.09 321404019 1430.30
 7.16 622557743 1473.13
 7.70 280947013 1470.17

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069804.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 19:57
 Operator : AJ\MA
 Sample : AR1262ICC1600
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

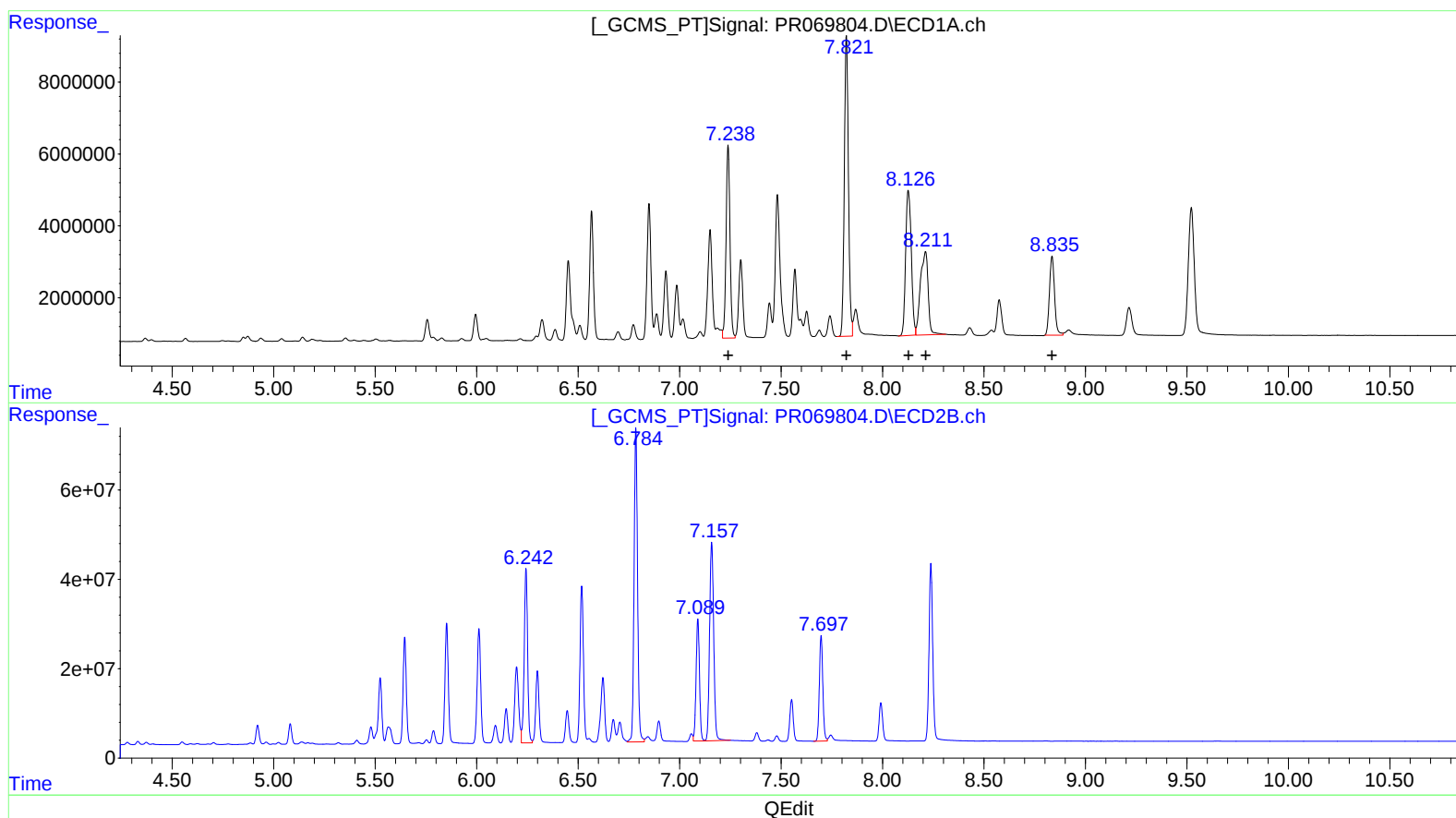
Instrument :
 ECD_R
 LabSampleId :
 AR1262ICC1600

Manual IntegrationsAPPROVED

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 02:26:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 02:25:02 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Reviewed By :Yogesh Patel 12/23/2024
 Supervised By :mohammad ahmed 12/25/2024

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(36) AR-1262-1 (L8)
 R.T. Response Conc
 7.24 71786511 1365.84
 7.82 118283196 1482.30
 8.13 77688672 1413.86
 8.21 61154743 1418.09
 8.84 38283898 1455.67

(36) AR-1262-1 #2 (L8)
 R.T. Response Conc
 6.24 452969773 1418.28
 6.78 828738363 1484.13
 7.09 321404019 1430.30
 7.16 622557743 1473.13
 7.70 280947013 1470.17

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069805.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 20:12
 Operator : AJ\MA
 Sample : AR1268ICC100
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR12681219

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/23/2024
 Supervised By :mohammad ahmed 12/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 02:47:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 02:46:39 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.653	2.961	5350100	31485597	5.184	5.339
2) SA Decachlor...	9.545	8.238	10471111	70723057	10.691	10.571
Target Compounds						
41) L9 AR-1268-1	8.146	7.089	10347960	69625089	106.573m	104.925m
42) L9 AR-1268-2	8.239	7.159	9179001	63281793	103.956	103.408
43) L9 AR-1268-3	8.453	7.380	7794010	54343743	104.925	104.298
44) L9 AR-1268-4	8.859	7.696	2936334	21807818	103.172	102.273
45) L9 AR-1268-5	9.238	7.992	22876542	164.6E6	103.487	101.159

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069805.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 20:12
Operator : AJ\MA
Sample : AR1268ICC100
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :

ECD_R

ClientSampleId :

AR12681219

Manual Integrations

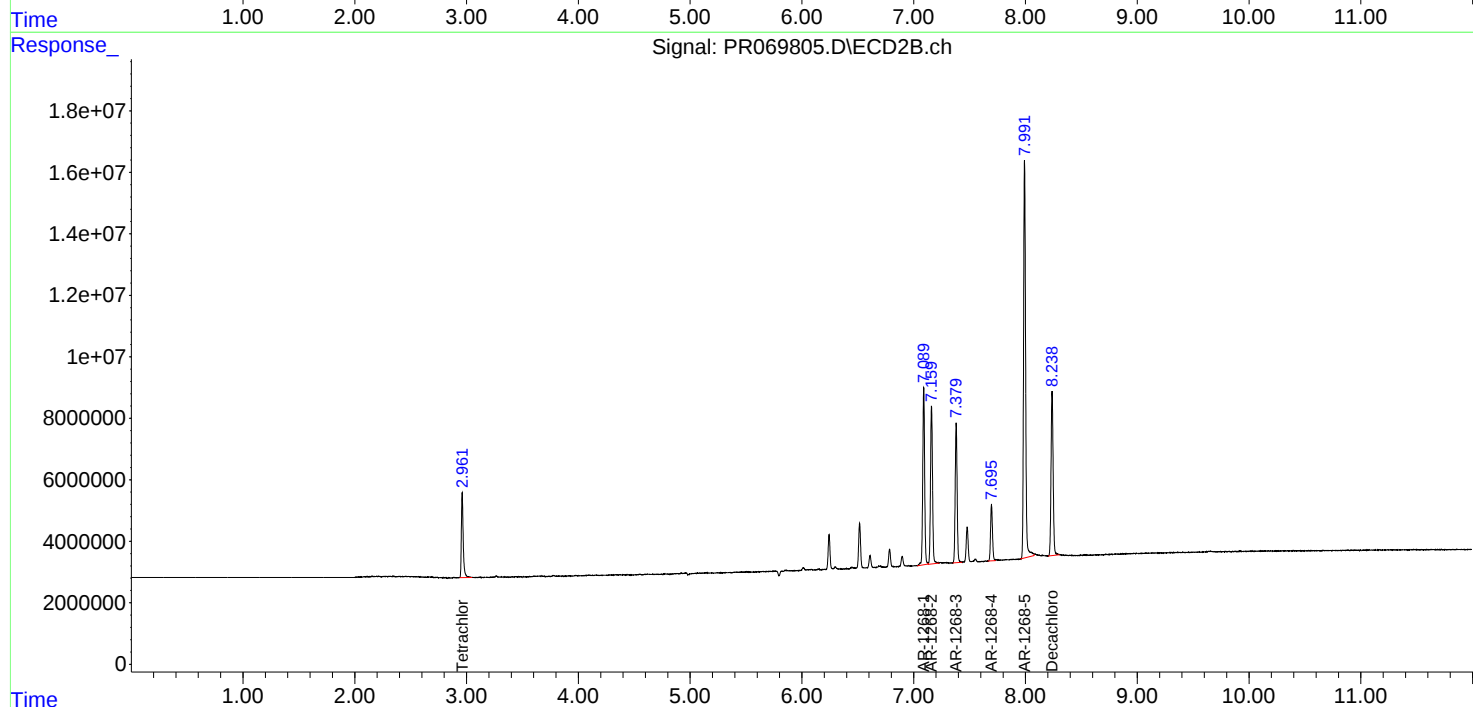
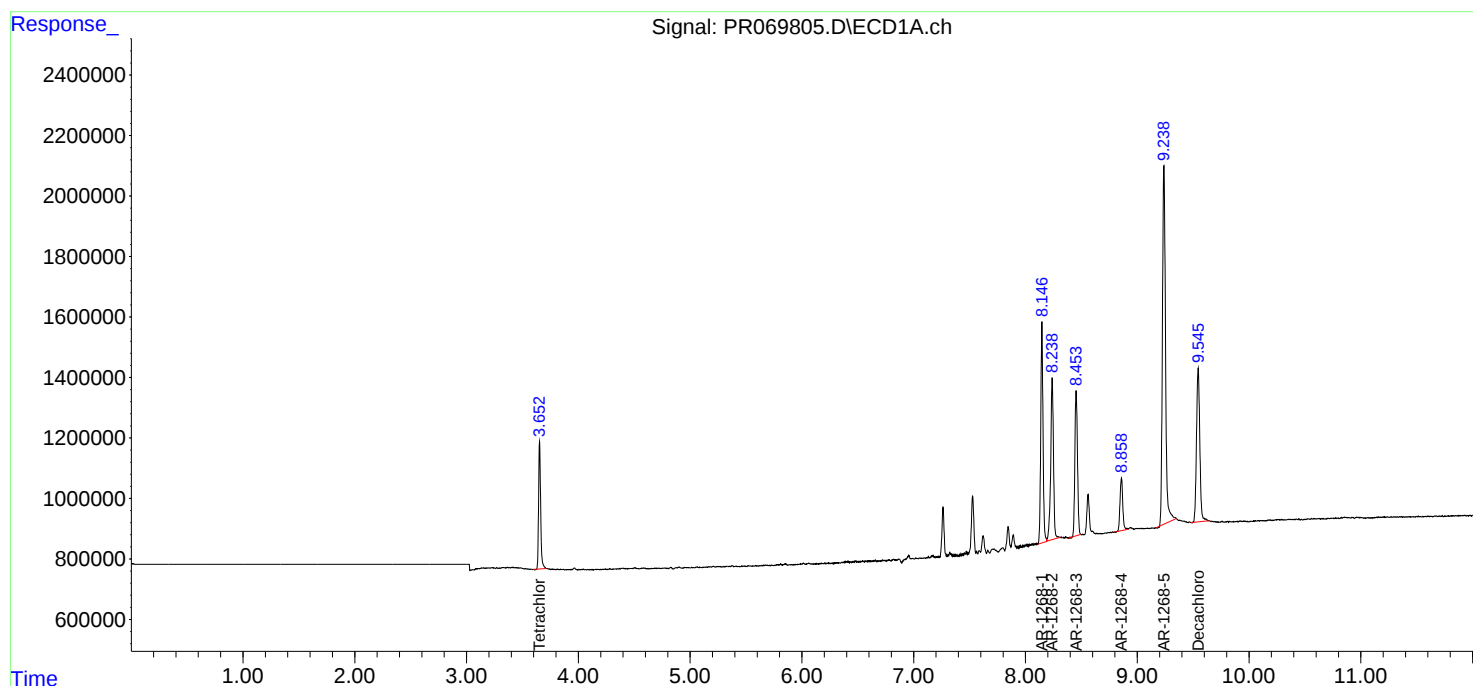
APPROVED

Reviewed By :Yogesh Patel 12/23/2024

Supervised By :mohammad ahmed 12/25/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 02:47:01 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 02:46:39 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069805.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 20:12
Operator : AJ\MA
Sample : AR1268ICC100
Misc :
ALS Vial : 38 Sample Multiplier: 1

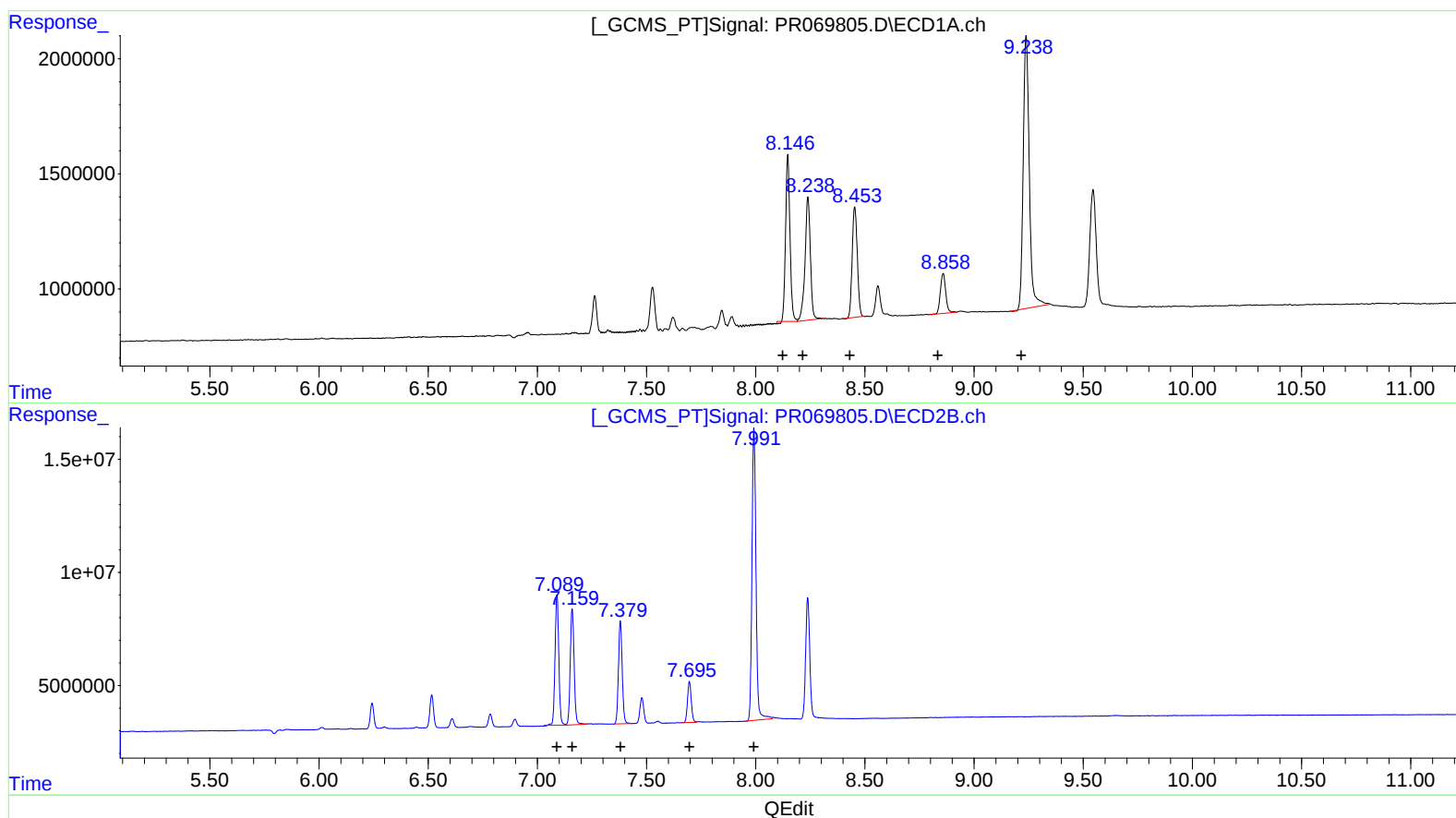
Instrument :
ECD_R
LabSampleId :
AR1268ICC100

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/23/2024
Supervised By :mohammad ahmed 12/25/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 02:47:01 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 02:46:39 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(41) AR-1268-1 (L9)
R.T. Response Conc
8.15 10293614 106.01
8.24 9179001 103.96
8.45 7794010 104.93
8.86 2936334 103.17
9.24 22876542 103.49

(41) AR-1268-1 #2 (L9)
R.T. Response Conc
7.09 69898282 105.34
7.16 63281793 103.41
7.38 54343743 104.30
7.70 21807818 102.27
7.99 164648448 101.16

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069805.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 20:12
 Operator : AJ\MA
 Sample : AR1268ICC100
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

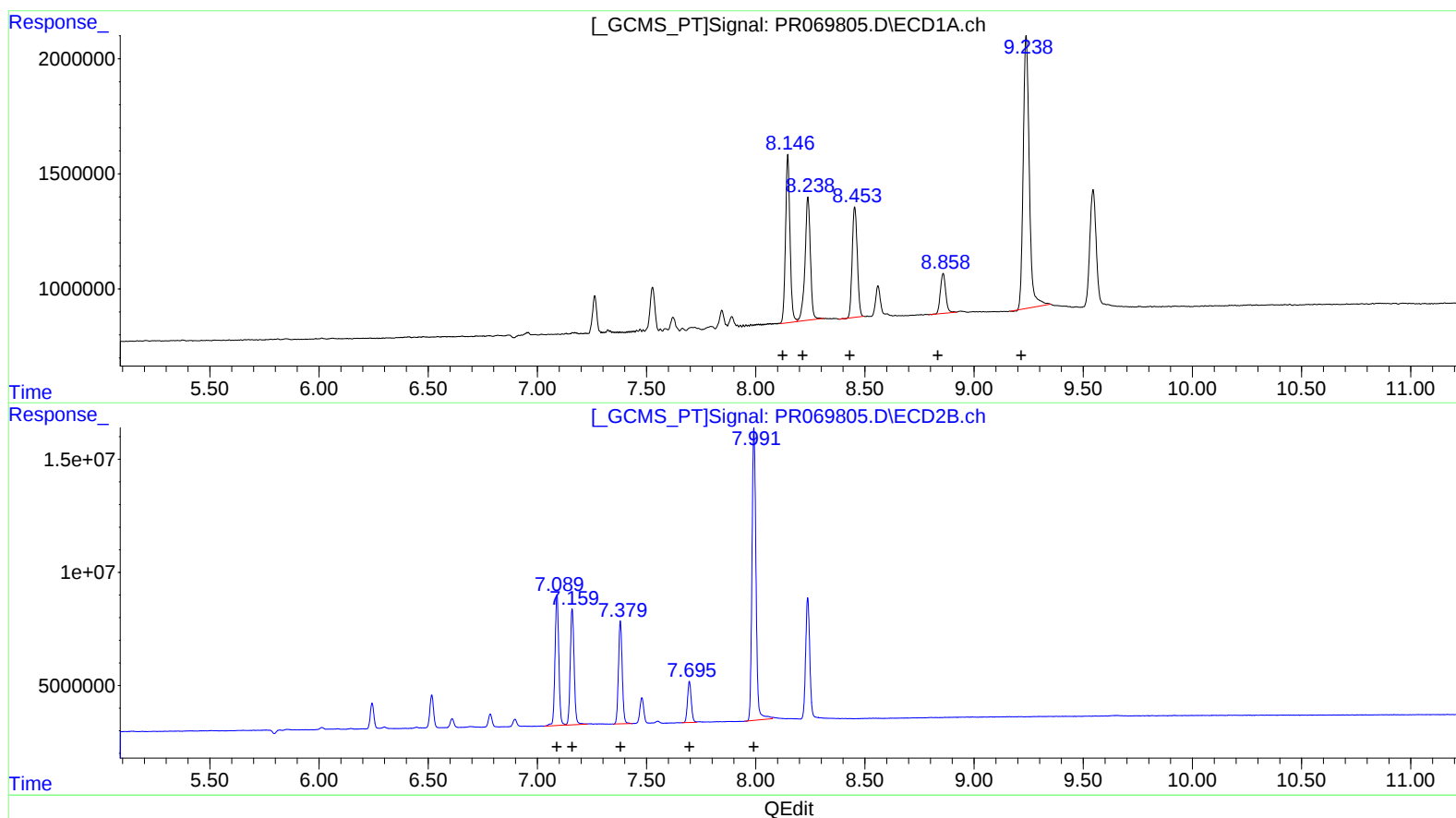
Instrument :
 ECD_R
 LabSampleId :
 AR1268ICC100

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/23/2024
 Supervised By :mohammad ahmed 12/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 02:47:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 02:46:39 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(41) AR-1268-1 (L9)
 R.T. Response Conc
 8.15 10347960 106.57
 8.24 9179001 103.96
 8.45 7794010 104.93
 8.86 2936334 103.17
 9.24 22876542 103.49

(41) AR-1268-1 #2 (L9)
 R.T. Response Conc
 7.09 69625089 104.93
 7.16 63281793 103.41
 7.38 54343743 104.30
 7.70 21807818 102.27
 7.99 164648448 101.16

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069806.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 20:27
Operator : AJ\MA
Sample : AR1268ICC200
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12682220

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/23/2024
Supervised By :mohammad ahmed 12/25/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 02:47:14 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 02:46:39 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.629	2.961	10617990	60743900	10.289	10.300
2) SA Decachlor...	9.521	8.237	20977099	139.9E6	21.418	20.910
Target Compounds						
41) L9 AR-1268-1	8.124	7.089	20577063	137.6E6	211.923m	207.305m
42) L9 AR-1268-2	8.215	7.160	18511033	126.0E6	209.644	205.875
43) L9 AR-1268-3	8.431	7.380	15603834	107.5E6	210.063	206.263
44) L9 AR-1268-4	8.835	7.696	6069033	45207865	213.243	212.014
45) L9 AR-1268-5	9.216	7.991	46419943	334.2E6	209.990	205.359

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069806.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 20:27
Operator : AJ\MA
Sample : AR1268ICC200
Misc :
ALS Vial : 39 Sample Multiplier: 1

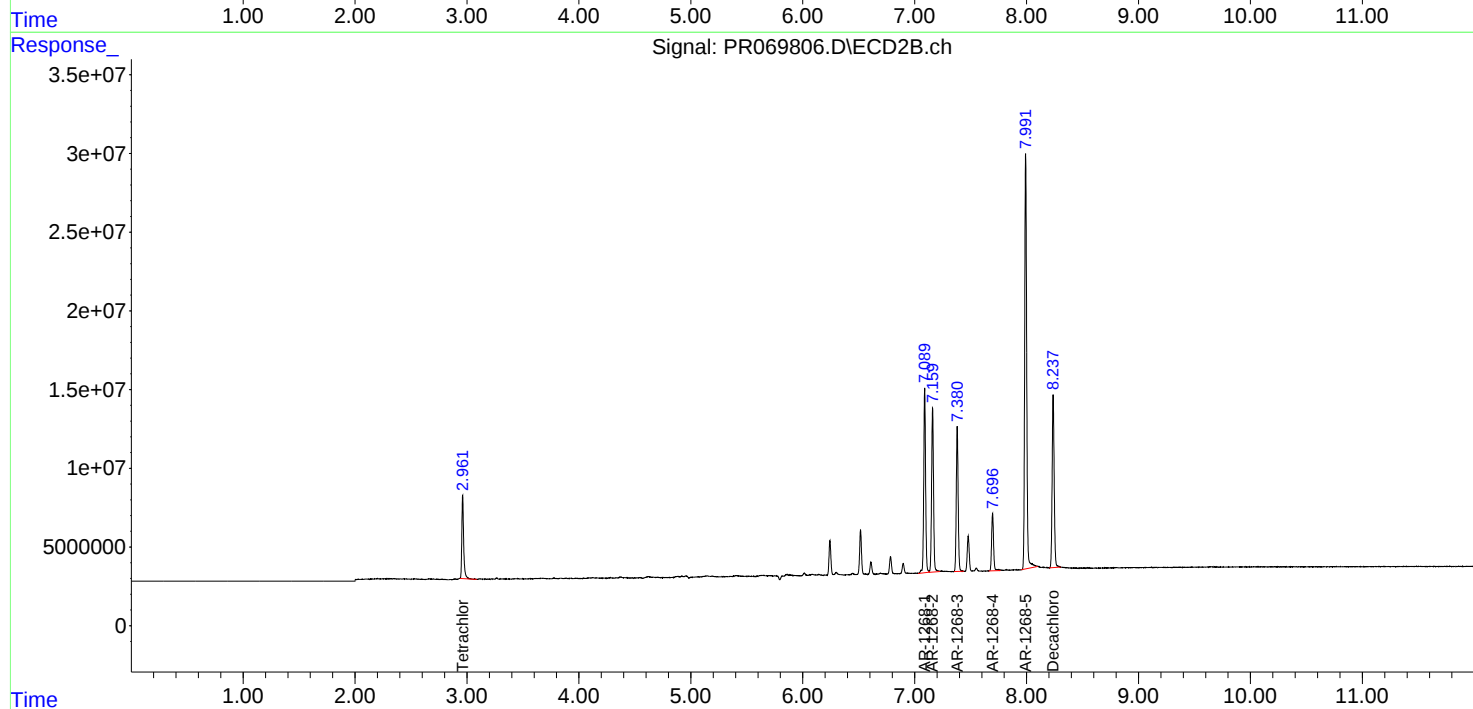
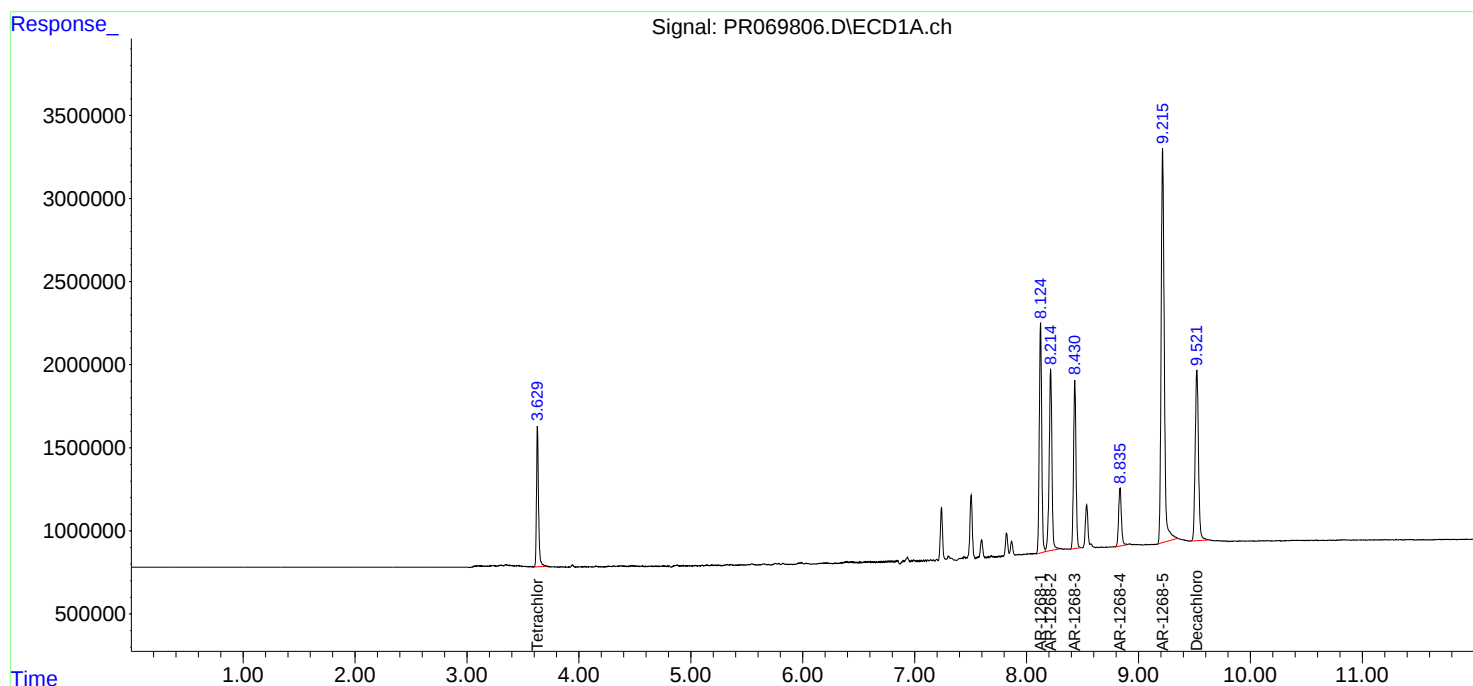
Instrument :
ECD_R
ClientSampleId :
AR12682220

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/23/2024
Supervised By :mohammad ahmed 12/25/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 02:47:14 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 02:46:39 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069806.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 20:27
Operator : AJ\MA
Sample : AR1268ICC200
Misc :
ALS Vial : 39 Sample Multiplier: 1

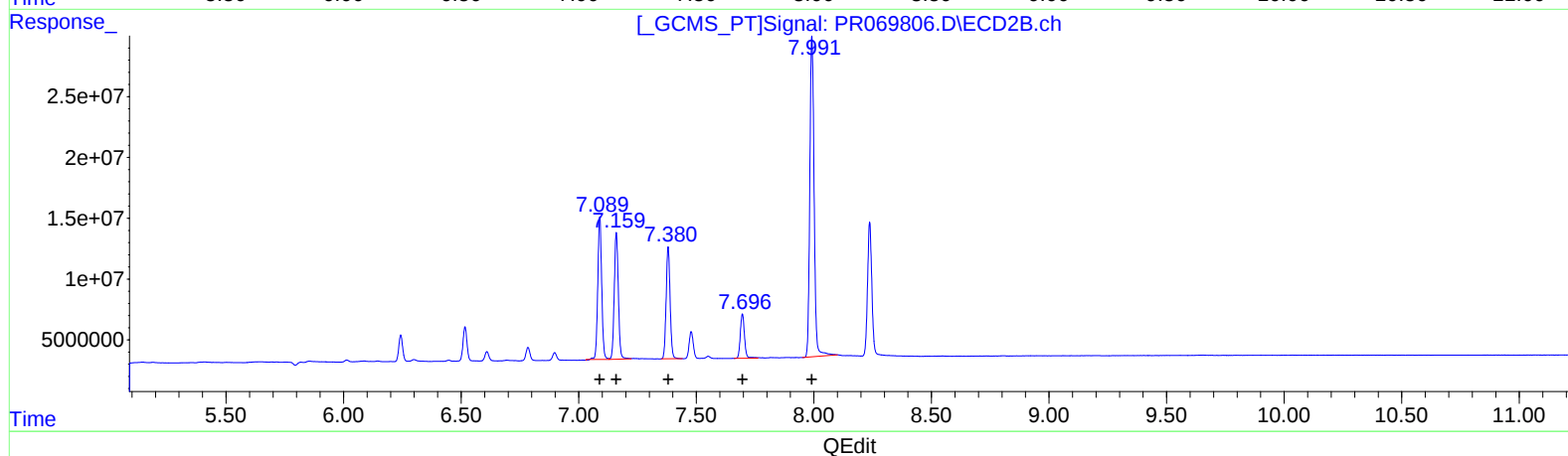
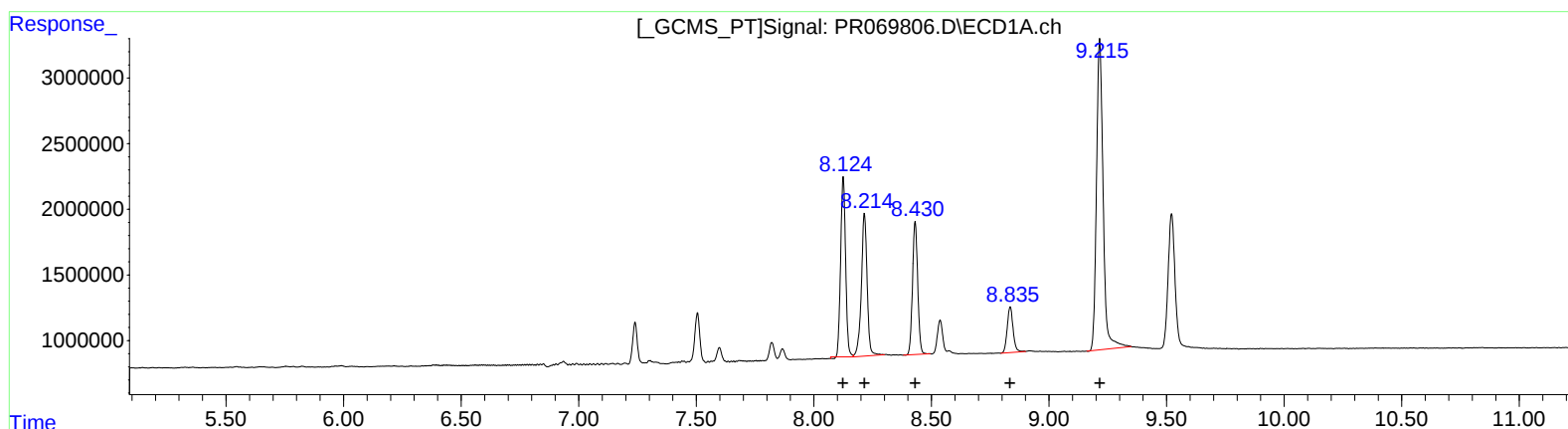
Instrument :
ECD_R
LabSampleId :
AR1268ICC200

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/23/2024
Supervised By :mohammad ahmed 12/25/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 02:47:14 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 02:46:39 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



QEdit

(41) AR-1268-1 (L9)	R.T.	Response	Conc
8.12	20440172	210.51	
8.21	18511033	209.64	
8.43	15603834	210.06	
8.84	6069033	213.24	
9.22	46419943	209.99	

(41) AR-1268-1 #2 (L9)	R.T.	Response	Conc
7.09	137187506	206.74	
7.16	125987190	205.87	
7.38	107472057	206.26	
7.70	45207865	212.01	
7.99	334244591	205.36	

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069806.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 20:27
 Operator : AJ\MA
 Sample : AR1268ICC200
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

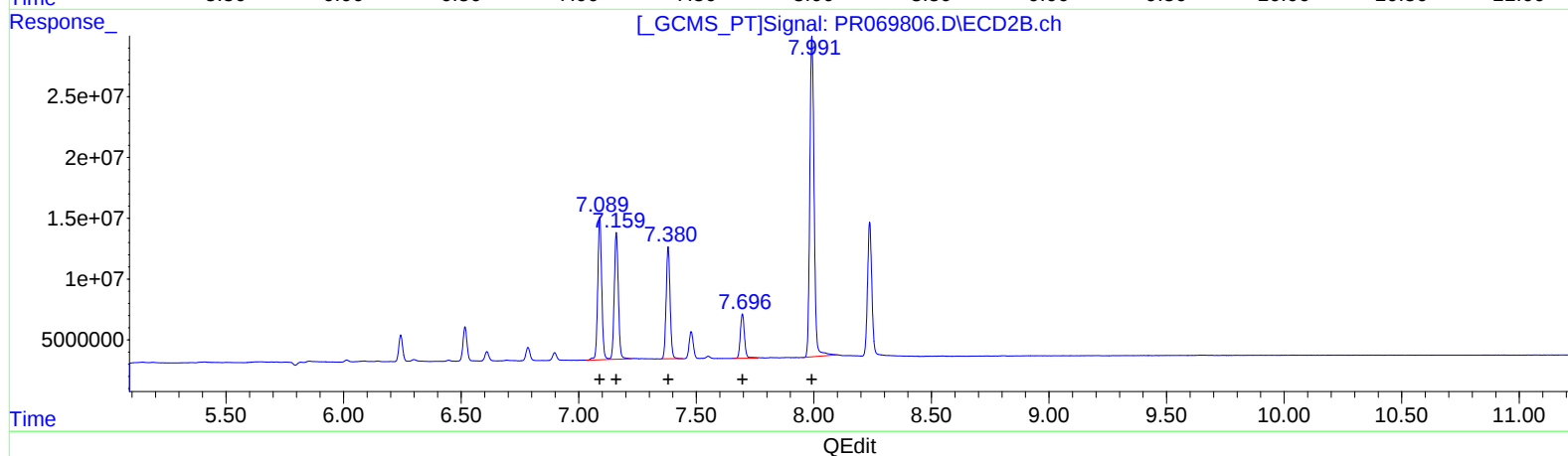
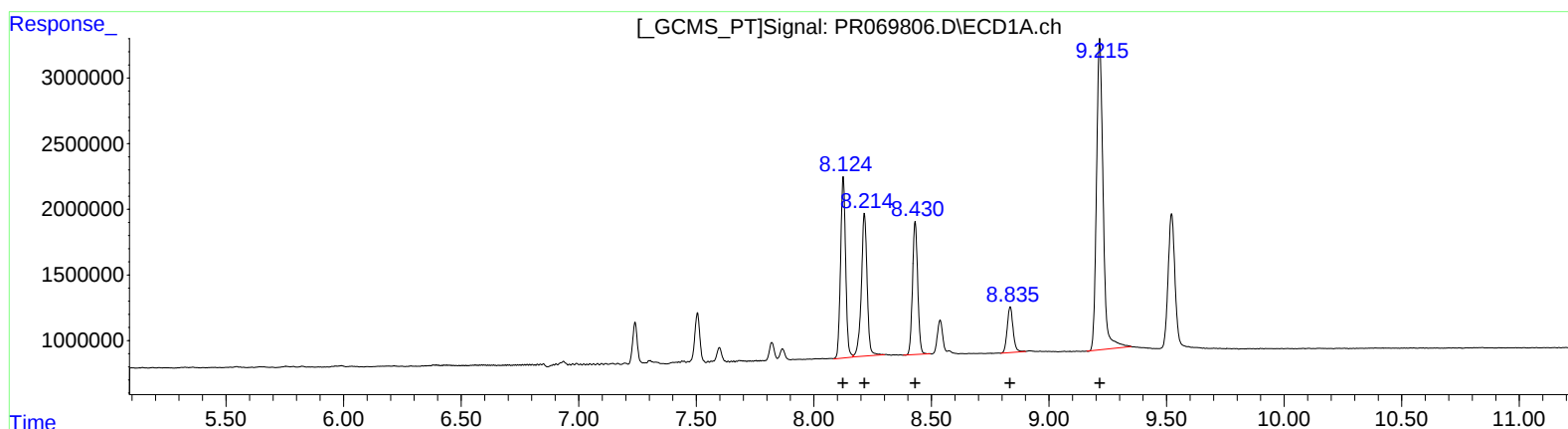
Instrument :
 ECD_R
 LabSampleId :
 AR1268ICC200

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/23/2024
 Supervised By :mohammad ahmed 12/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 02:47:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 02:46:39 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(41) AR-1268-1 (L9)
 R.T. Response Conc
 8.12 20577063 211.92
 8.21 18511033 209.64
 8.43 15603834 210.06
 8.84 6069033 213.24
 9.22 46419943 209.99

(41) AR-1268-1 #2 (L9)
 R.T. Response Conc
 7.09 137560814 207.30
 7.16 125987190 205.87
 7.38 107472057 206.26
 7.70 45207865 212.01
 7.99 334244591 205.36

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069807.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 20:41
 Operator : AJ\MA
 Sample : AR1268ICC400
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR12683221

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/23/2024
 Supervised By :mohammad ahmed 12/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 02:47:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 02:46:39 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.630	2.961	20640210	118.0E6	20.000	20.000
2)	SA Decachlor...	9.522	8.237	39175781	267.6E6	40.000	40.000
Target Compounds							
41)	L9 AR-1268-1	8.124	7.089	38703621	266.6E6	398.608m	401.746m
42)	L9 AR-1268-2	8.214	7.159	35318907	244.8E6	400.000	400.000
43)	L9 AR-1268-3	8.431	7.381	29712606	208.4E6	400.000	400.000
44)	L9 AR-1268-4	8.834	7.696	11384267	85292378	400.000	400.000
45)	L9 AR-1268-5	9.216	7.992	88423062	651.0E6	400.000	400.000

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069807.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 20:41
Operator : AJ\MA
Sample : AR1268ICC400
Misc :
ALS Vial : 40 Sample Multiplier: 1

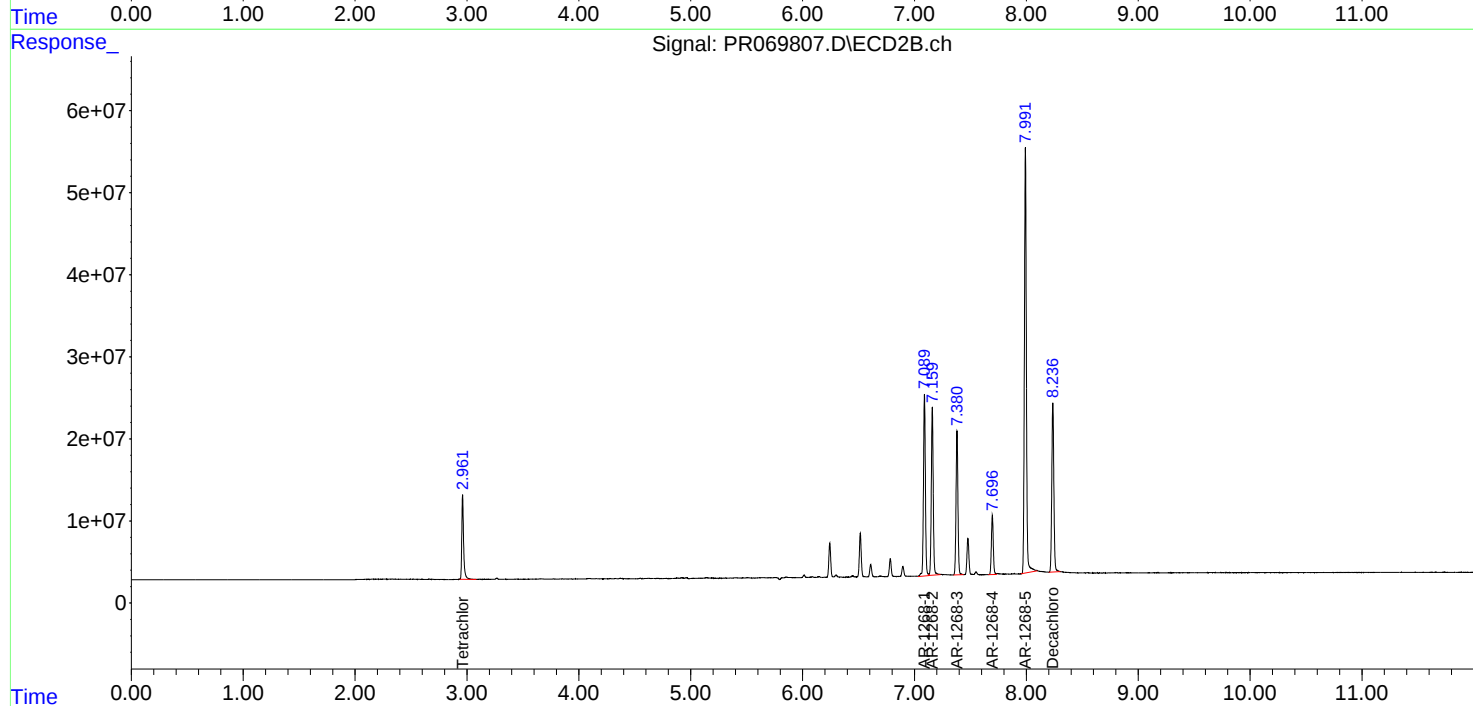
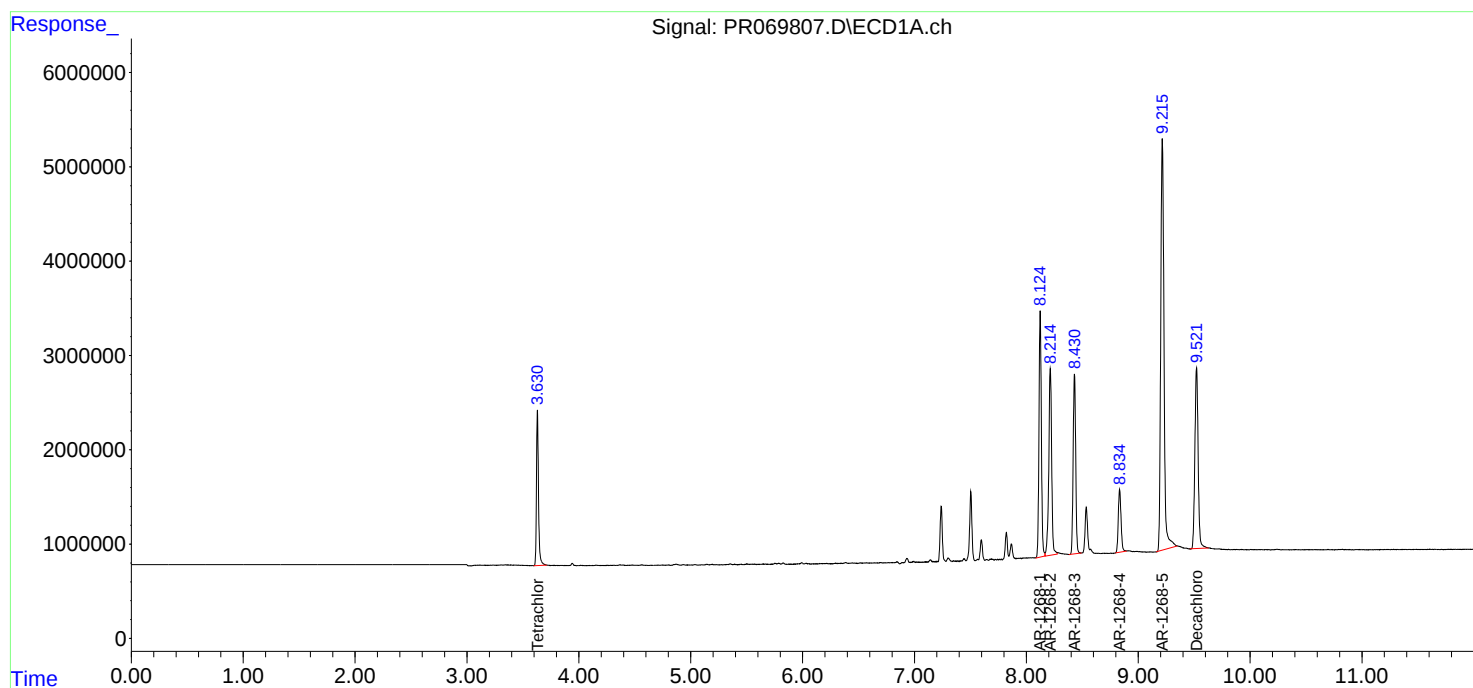
Instrument :
ECD_R
ClientSampleId :
AR12683221

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/23/2024
Supervised By :mohammad ahmed 12/25/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 02:47:27 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 02:46:39 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069807.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 20:41
 Operator : AJ\MA
 Sample : AR1268ICC400
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

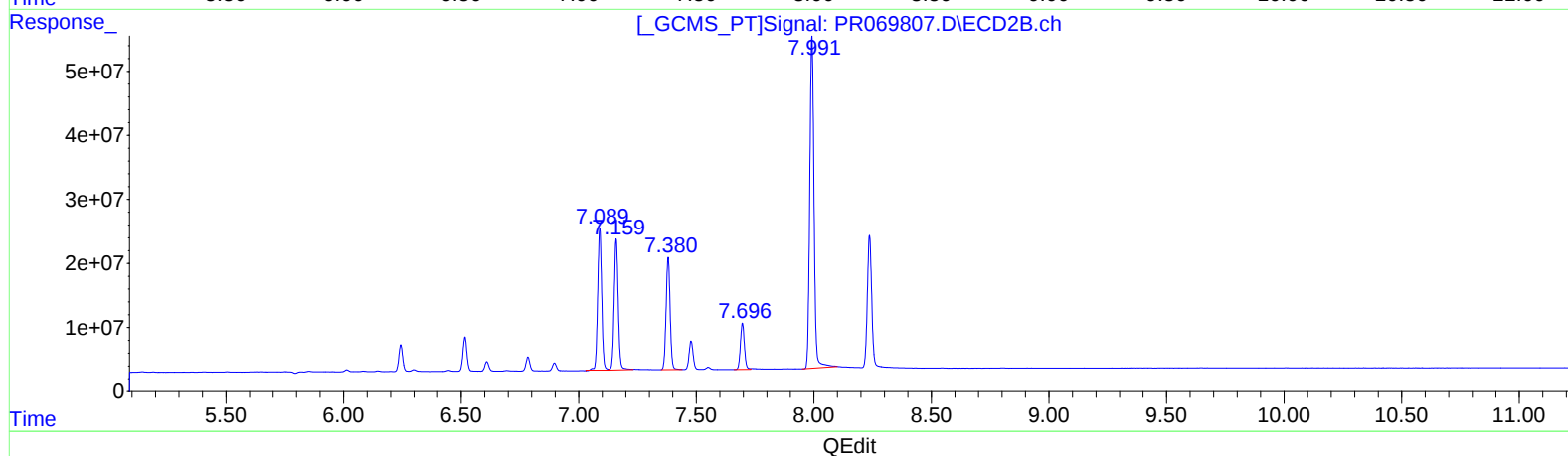
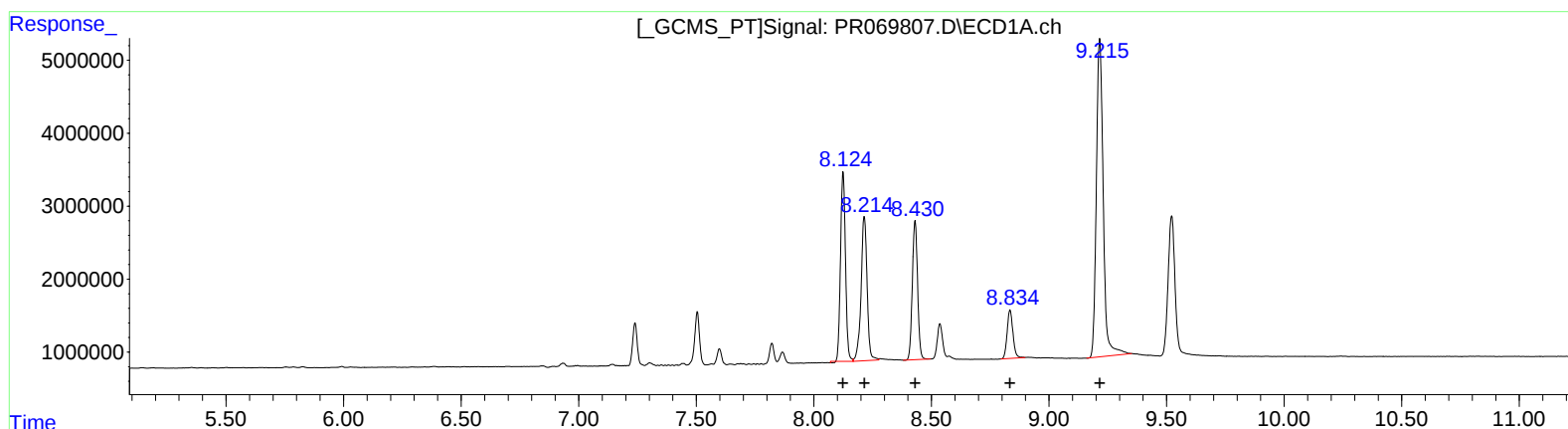
Instrument :
 ECD_R
 LabSampleId :
 AR1268ICC400

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/23/2024
 Supervised By :mohammad ahmed 12/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 02:47:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 02:46:39 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



QEdit

(41) AR-1268-1 (L9)		
R.T.	Response	Conc
8.12	38620631	397.75
8.21	35318907	400.00
8.43	29712606	400.00
8.83	11384267	400.00
9.22	88423062	400.00

(41) AR-1268-1 #2 (L9)		
R.T.	Response	Conc
7.09	265136896	399.56
7.16	244784257	400.00
7.38	208417263	400.00
7.70	85292378	400.00
7.99	651045423	400.00

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069807.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 20:41
 Operator : AJ\MA
 Sample : AR1268ICC400
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

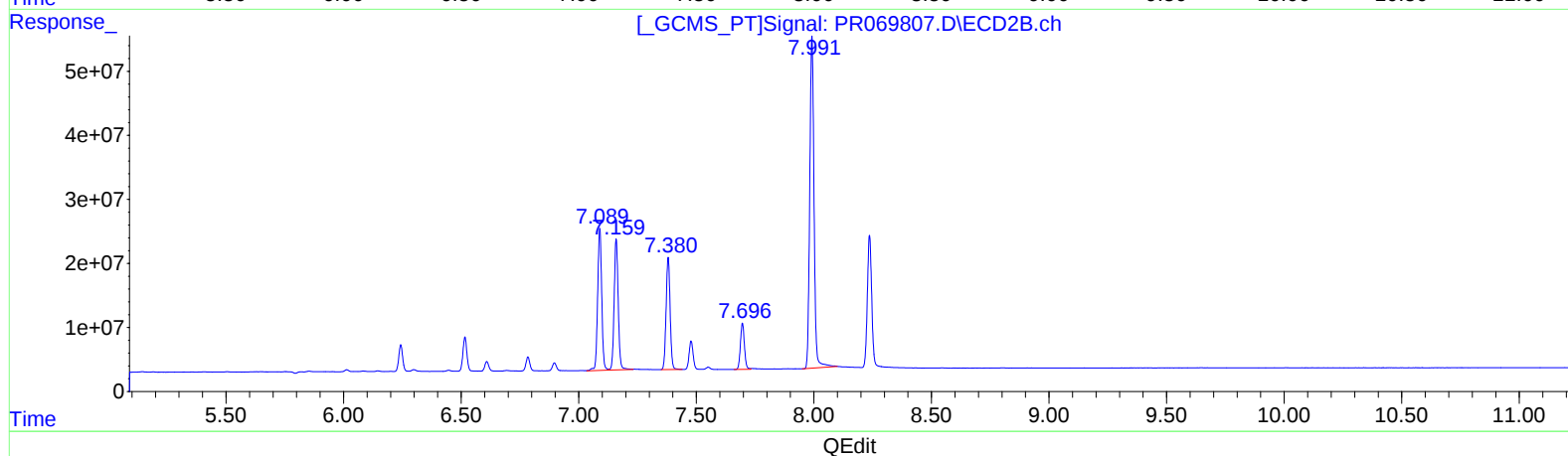
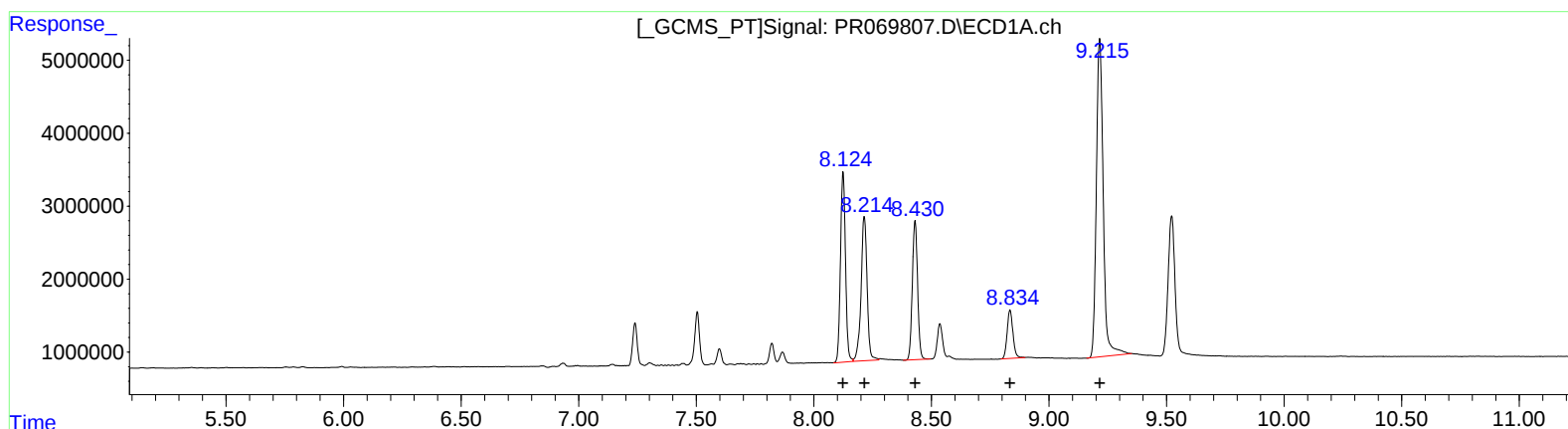
Instrument :
 ECD_R
 LabSampleId :
 AR1268ICC400

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/23/2024
 Supervised By :mohammad ahmed 12/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 02:47:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 02:46:39 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



QEdit

(41) AR-1268-1 (L9)	R.T.	Response	Conc
	8.12	38703621	398.61
	8.21	35318907	400.00
	8.43	29712606	400.00
	8.83	11384267	400.00
	9.22	88423062	400.00

(41) AR-1268-1 #2 (L9)	R.T.	Response	Conc
	7.09	266586264	401.75
	7.16	244784257	400.00
	7.38	208417263	400.00
	7.70	85292378	400.00
	7.99	651045423	400.00

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069808.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 20:56
 Operator : AJ\MA
 Sample : AR1268ICC800
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR12684222

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/23/2024
 Supervised By :mohammad ahmed 12/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 02:47:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 02:46:39 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.630	2.961	40164066	228.2E6	38.918	38.686
2) SA Decachlor...	9.523	8.238	74286574	516.7E6	75.849	77.223
Target Compounds						
41) L9 AR-1268-1	8.124	7.089	74153056	513.0E6	763.701m	773.024m
42) L9 AR-1268-2	8.216	7.160	67451178	478.2E6	763.910	781.440
43) L9 AR-1268-3	8.432	7.381	56449609	406.4E6	759.942	779.883
44) L9 AR-1268-4	8.837	7.697	23028222	170.8E6	809.124	800.811
45) L9 AR-1268-5	9.218	7.993	172.4E6	1278.3E6	779.883	785.397

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069808.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 20:56
Operator : AJ\MA
Sample : AR1268ICC800
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :

ECD_R

ClientSampleId :

AR12684222

Manual Integrations

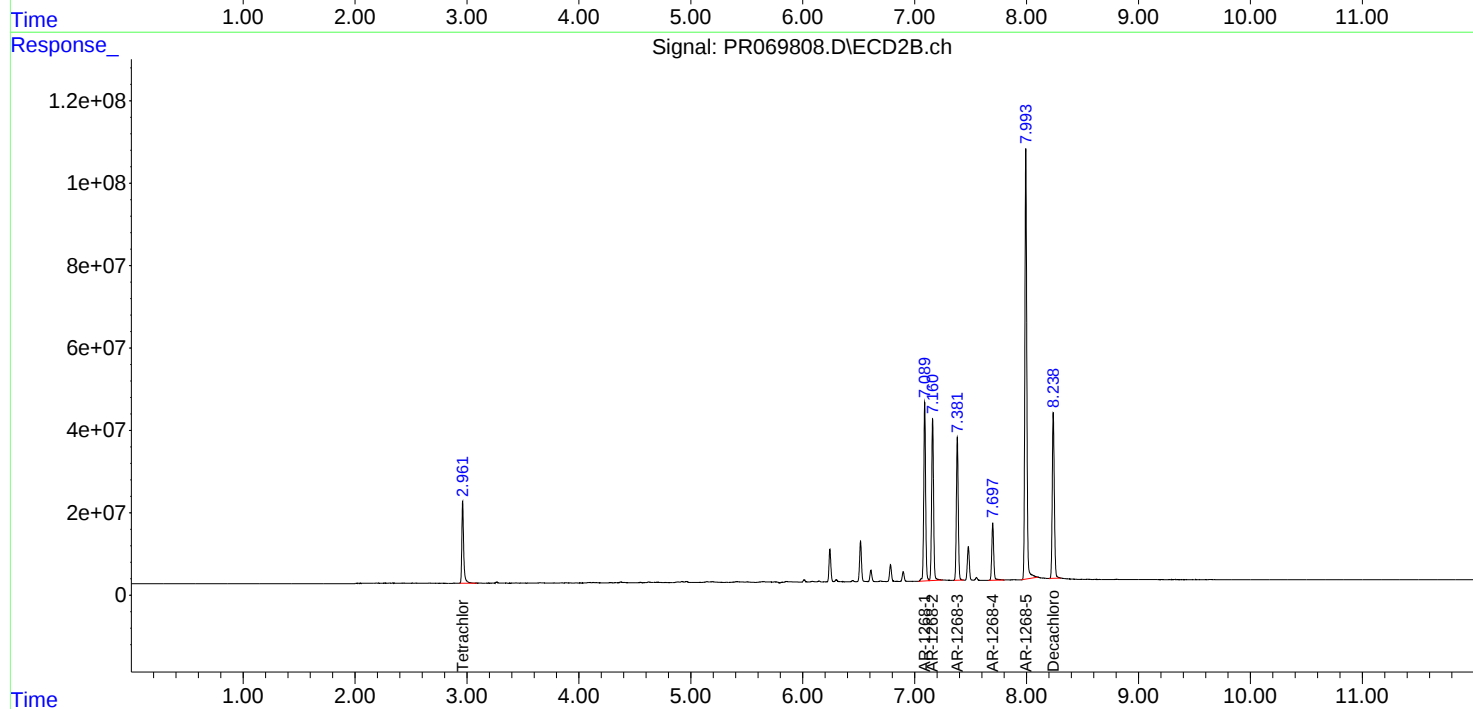
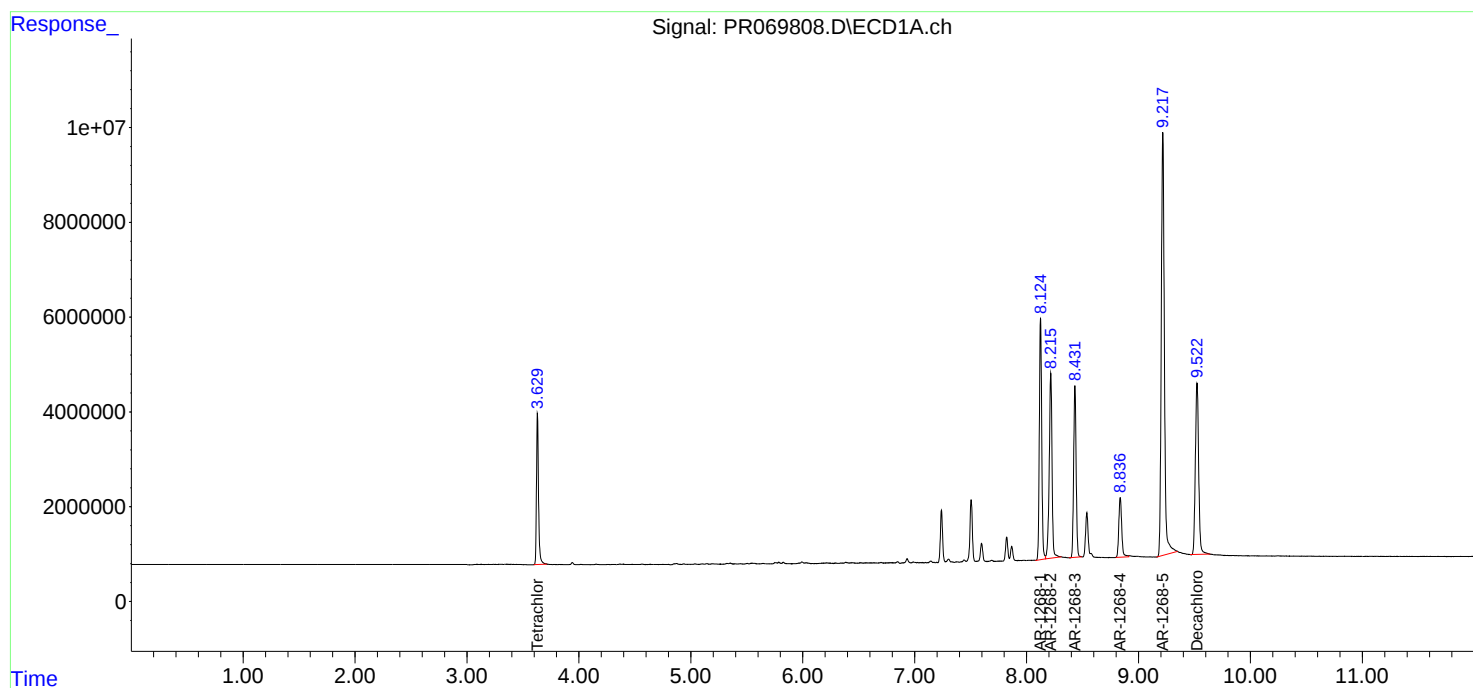
APPROVED

Reviewed By :Yogesh Patel 12/23/2024

Supervised By :mohammad ahmed 12/25/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 02:47:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 02:46:39 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069808.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 20:56
 Operator : AJ\MA
 Sample : AR1268ICC800
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

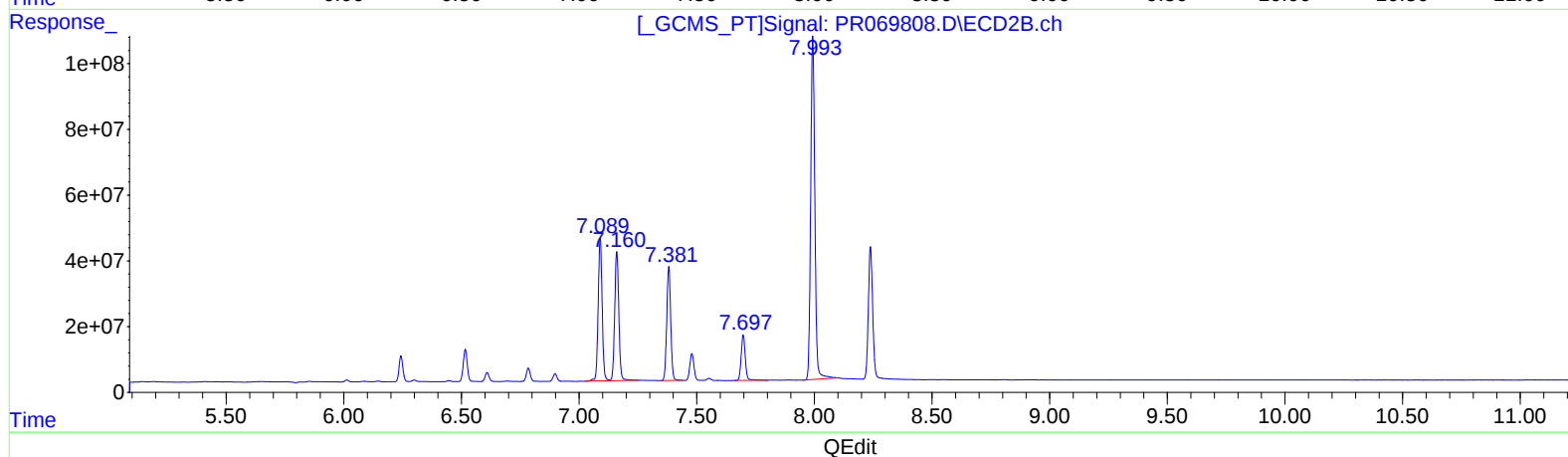
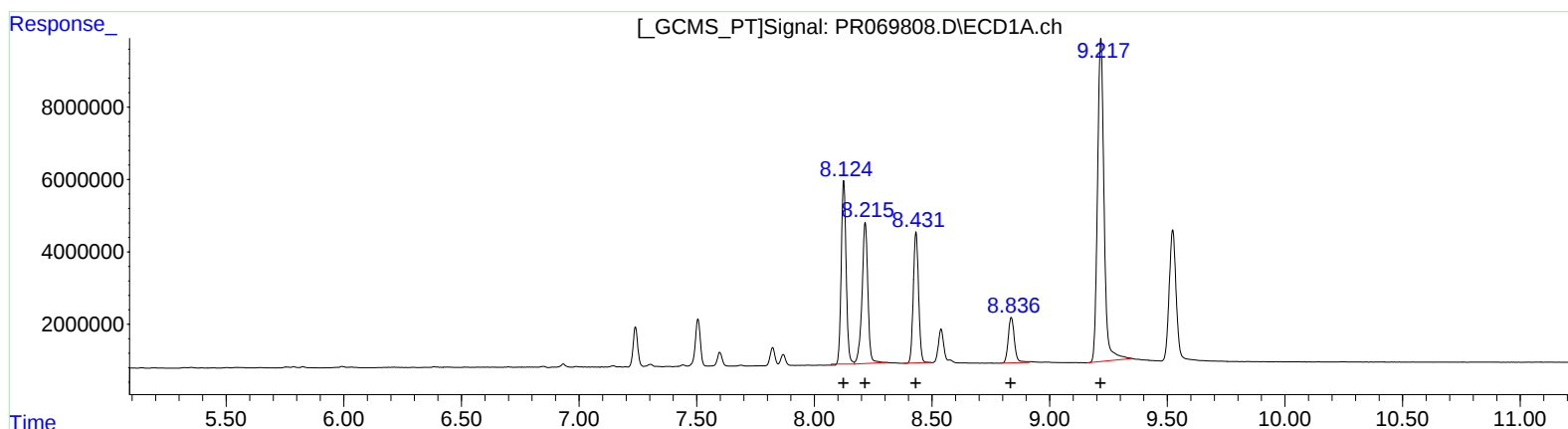
Instrument :
 ECD_R
 LabSampleId :
 AR1268ICC800

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/23/2024
 Supervised By :mohammad ahmed 12/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 02:47:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 02:46:39 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(41) AR-1268-1 (L9)
 R.T. Response Conc
 8.12 73982098 761.94
 8.22 67451178 763.91
 8.43 56449609 759.94
 8.84 23028222 809.12
 9.22 172399021 779.88

(41) AR-1268-1 #2 (L9)
 R.T. Response Conc
 7.09 512156090 771.82
 7.16 478210681 781.44
 7.38 406352447 779.88
 7.70 170757641 800.81
 7.99 1278322695 785.40

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069808.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 20:56
 Operator : AJ\MA
 Sample : AR1268ICC800
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

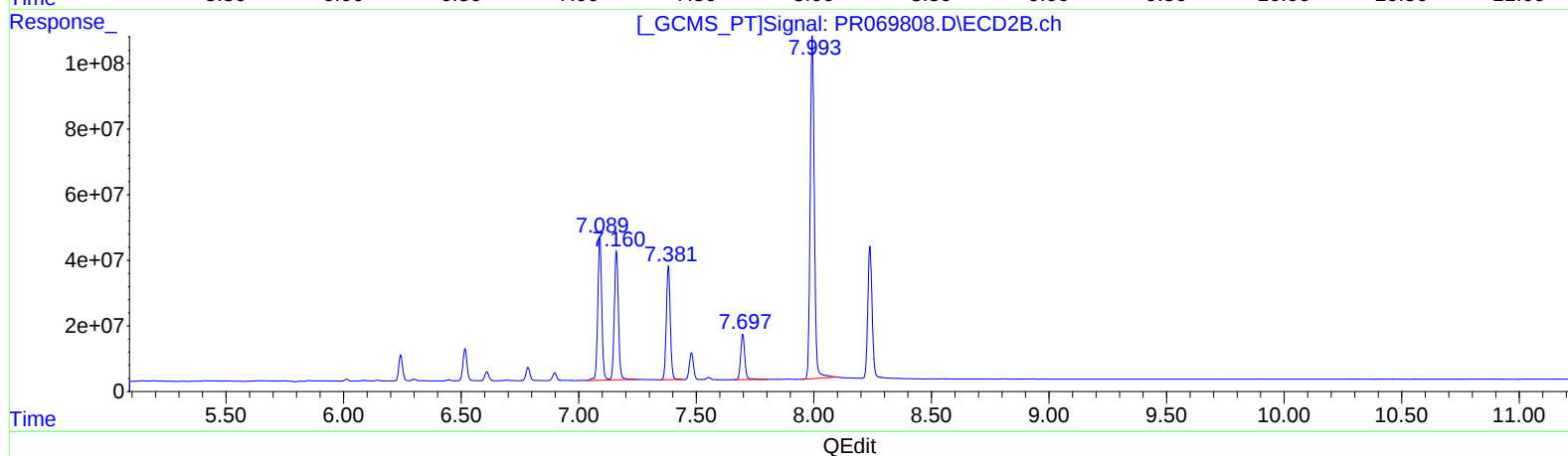
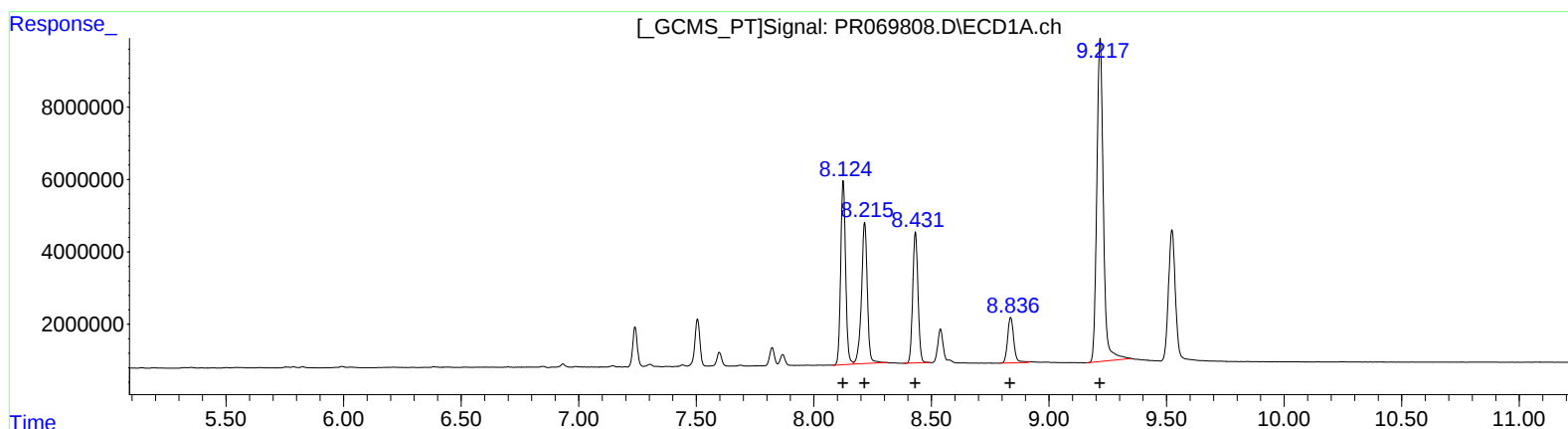
Instrument :
 ECD_R
 LabSampleId :
 AR1268ICC800

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/23/2024
 Supervised By :mohammad ahmed 12/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 02:47:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 02:46:39 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(41) AR-1268-1 (L9)
 R.T. Response Conc
 8.12 74153056 763.70
 8.22 67451178 763.91
 8.43 56449609 759.94
 8.84 23028222 809.12
 9.22 172399021 779.88

(41) AR-1268-1 #2 (L9)
 R.T. Response Conc
 7.09 512954504 773.02
 7.16 478210681 781.44
 7.38 406352447 779.88
 7.70 170757641 800.81
 7.99 1278322695 785.40

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069809.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 21:11
Operator : AJ\MA
Sample : AR1268ICC1600
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12685223

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/23/2024
Supervised By :mohammad ahmed 12/25/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 02:47:54 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 02:46:39 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.630	2.961	77763935	436.8E6	75.352	74.057
2) SA Decachlor...	9.522	8.239	139.3E6	991.5E6	142.231	148.199
Target Compounds						
41) L9 AR-1268-1	8.125	7.090	142.6E6	981.4E6	1468.443m	1479.004
42) L9 AR-1268-2	8.215	7.159	129.3E6	921.8E6	1464.650	1506.378
43) L9 AR-1268-3	8.431	7.381	107.7E6	784.1E6	1449.885	1504.893
44) L9 AR-1268-4	8.836	7.696	45963310	320.8E6	1614.977	1504.554
45) L9 AR-1268-5	9.217	7.993	335.6E6	2459.5E6	1517.937	1511.119

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069809.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 21:11
Operator : AJ\MA
Sample : AR1268ICC1600
Misc :
ALS Vial : 42 Sample Multiplier: 1

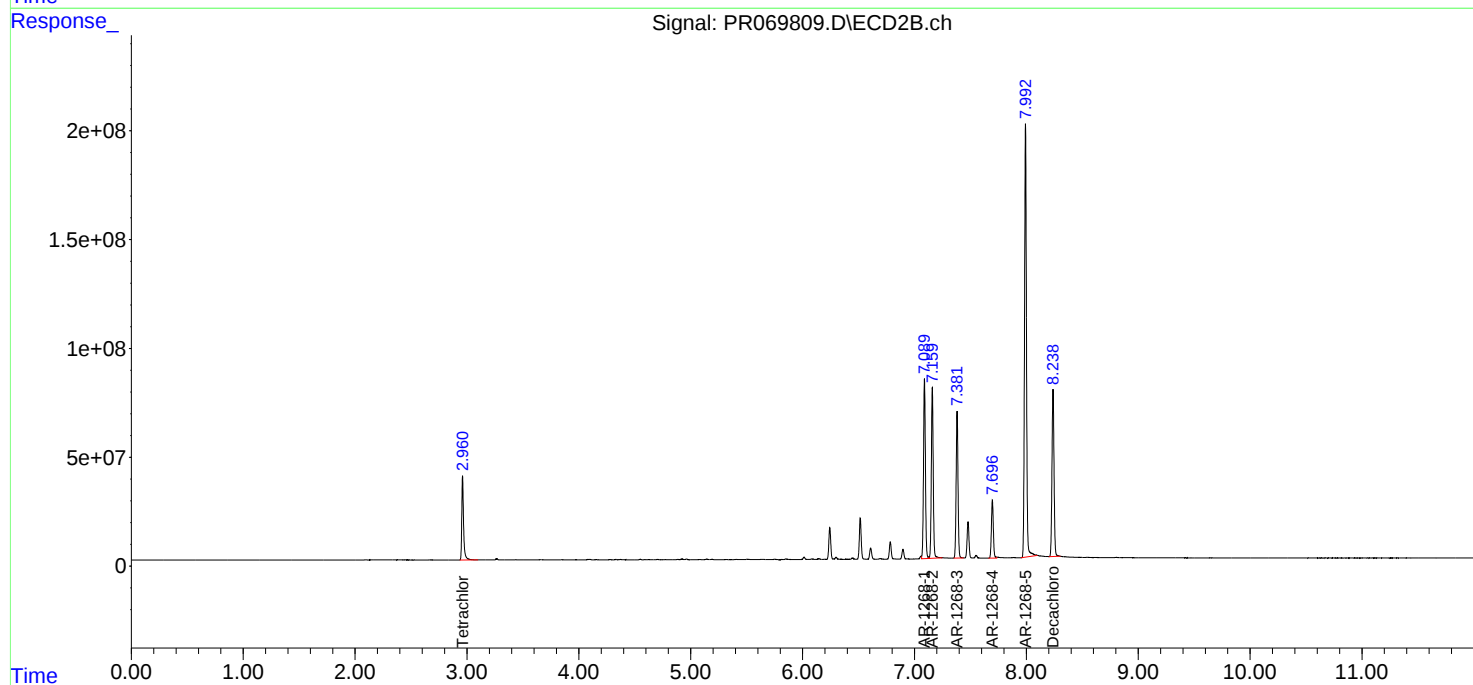
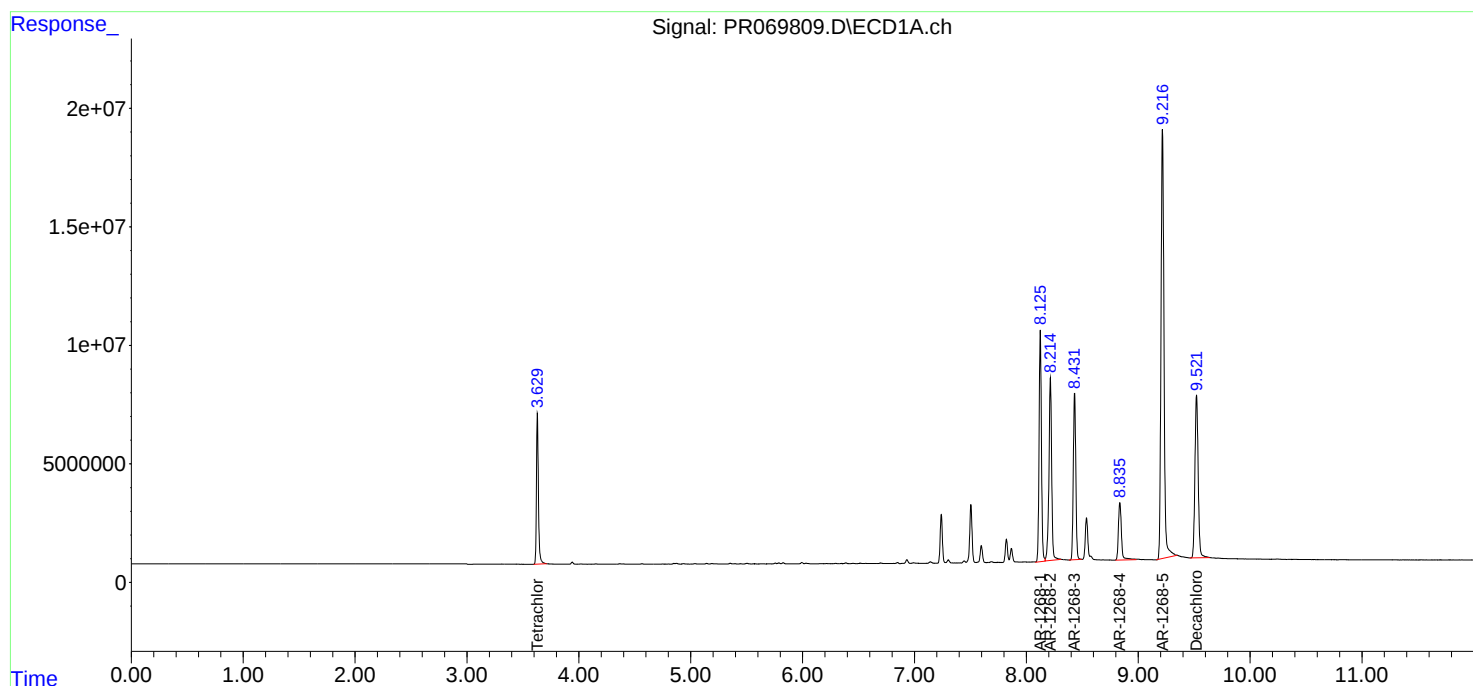
Instrument :
ECD_R
ClientSampleId :
AR12685223

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/23/2024
Supervised By :mohammad ahmed 12/25/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 02:47:54 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 02:46:39 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069809.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 21:11
Operator : AJ\MA
Sample : AR1268ICC1600
Misc :
ALS Vial : 42 Sample Multiplier: 1

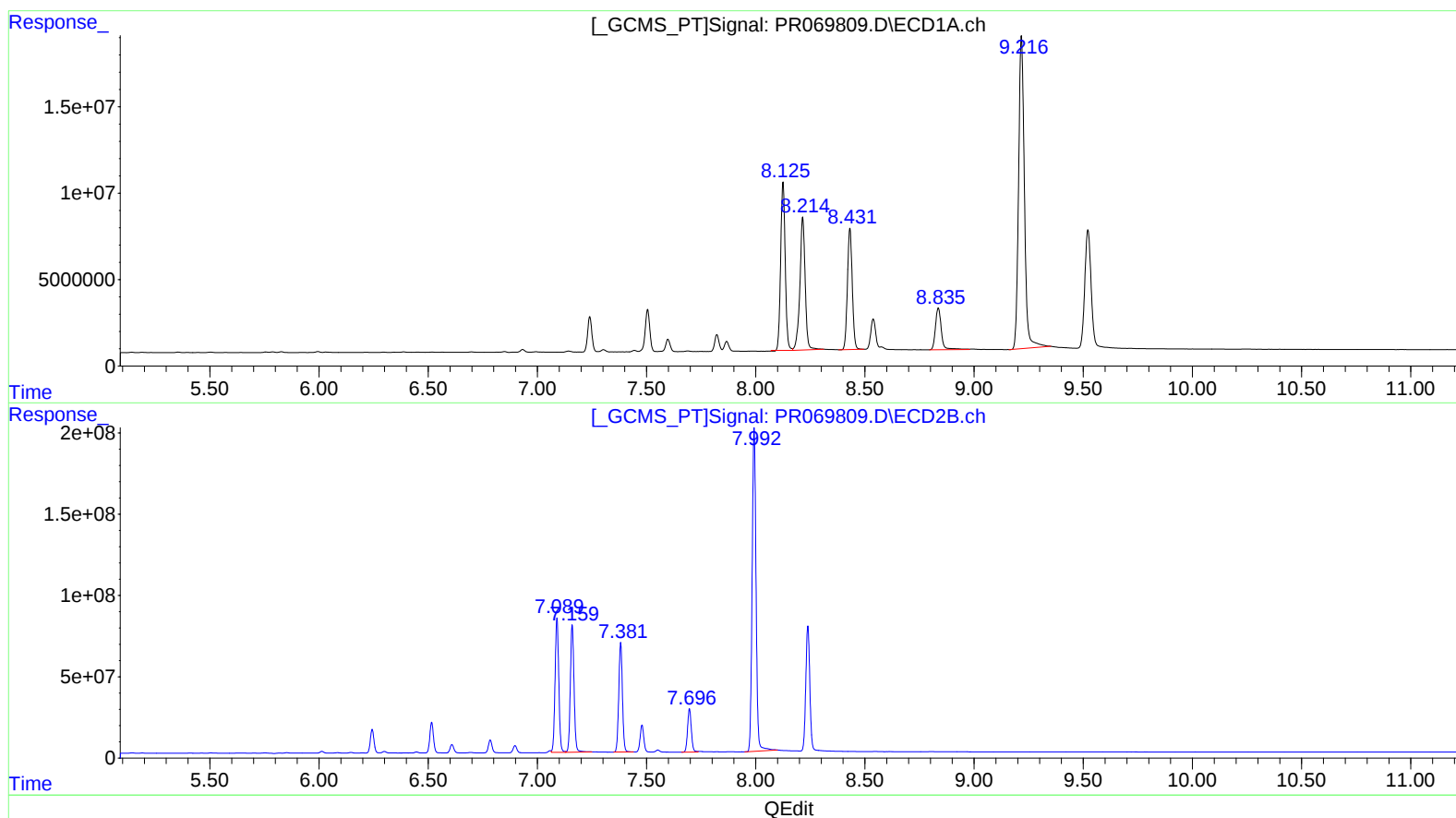
Instrument :
ECD_R
LabSampleId :
AR1268ICC1600

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/23/2024
Supervised By :mohammad ahmed 12/25/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 02:47:54 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 02:46:39 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(41) AR-1268-1 (L9)
R.T. Response Conc
8.13 142005017 1462.51
8.22 129324591 1464.65
8.43 107699665 1449.89
8.84 45963310 1614.98
9.22 335551552 1517.94

(41) AR-1268-1 #2 (L9)
R.T. Response Conc
7.09 981420552 1479.00
7.16 921844325 1506.38
7.38 784113991 1504.89
7.70 320817567 1504.55
7.99 2459517482 1511.12

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
 Data File : PR069809.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 21:11
 Operator : AJ\MA
 Sample : AR1268ICC1600
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

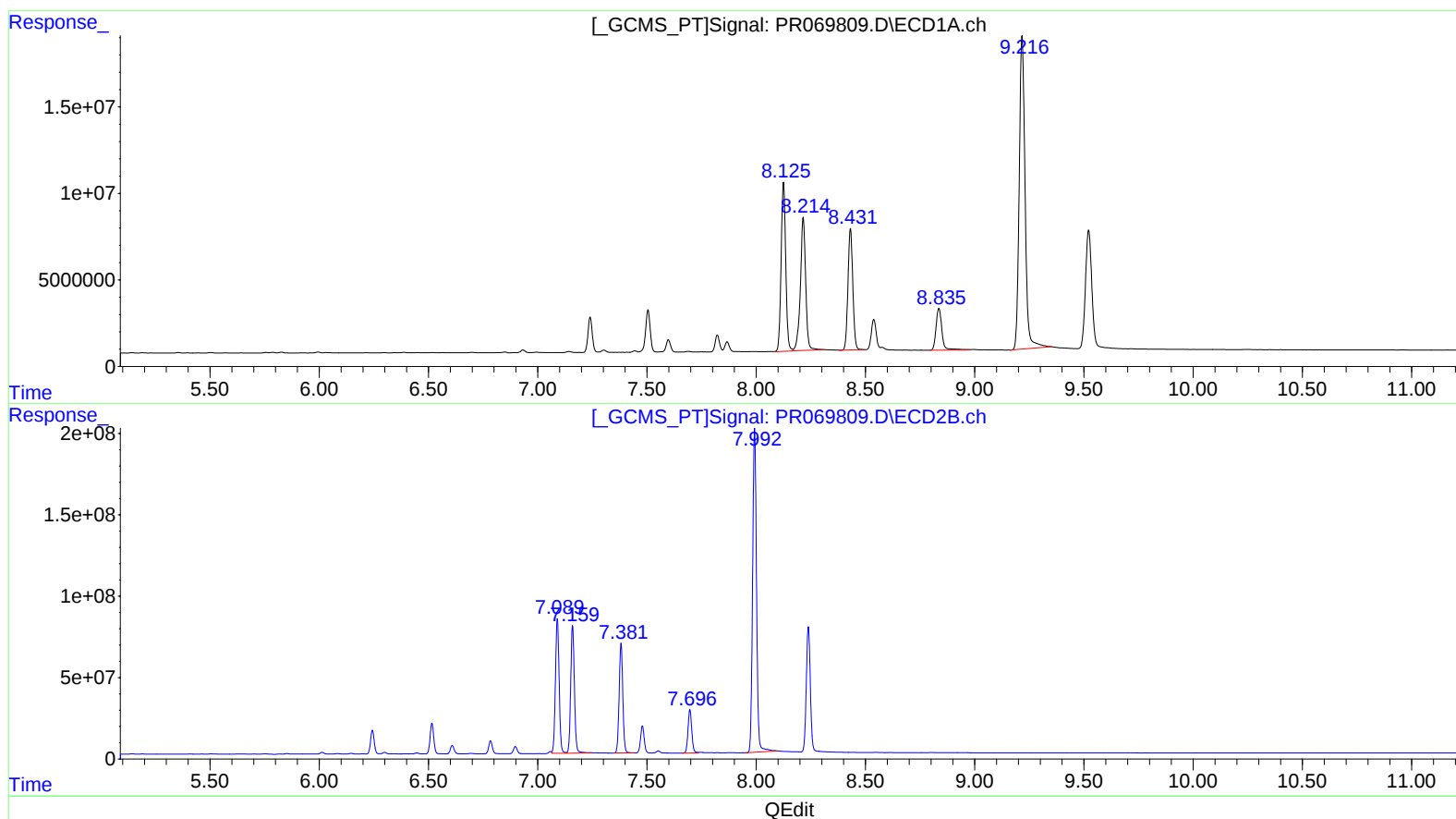
Instrument :
 ECD_R
 LabSampleId :
 AR1268ICC1600

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/23/2024
 Supervised By :mohammad ahmed 12/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 02:47:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 02:46:39 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(41) AR-1268-1 (L9)
 R.T. Response Conc
 8.12 142581422 1468.44
 8.22 129324591 1464.65
 8.43 107699665 1449.89
 8.84 45963310 1614.98
 9.22 335551552 1517.94

(41) AR-1268-1 #2 (L9)
 R.T. Response Conc
 7.09 981420552 1479.00
 7.16 921844325 1506.38
 7.38 784113991 1504.89
 7.70 320817567 1504.55
 7.99 2459517482 1511.12



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

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: Q1060 SAS No.: Q1060 SDG NO.: Q1060

Continuing Calib Date: 01/14/2025 Initial Calibration Date(s): 12/20/2024 12/20/2024

Continuing Calib Time: 11:46 Initial Calibration Time(s): 11:38 21:11

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	4.85	4.85	4.78	4.92	0.00
Aroclor-1016-2	(2)	4.87	4.87	4.80	4.94	0.00
Aroclor-1016-3	(3)	4.94	4.94	4.87	5.01	0.00
Aroclor-1016-4	(4)	5.04	5.04	4.97	5.11	0.00
Aroclor-1016-5	(5)	5.35	5.35	5.28	5.42	0.00
Aroclor-1260-1	(1)	6.57	6.57	6.50	6.64	0.00
Aroclor-1260-2	(2)	6.85	6.85	6.78	6.92	0.00
Aroclor-1260-3	(3)	7.24	7.24	7.17	7.31	0.00
Aroclor-1260-4	(4)	7.48	7.48	7.41	7.55	0.00
Aroclor-1260-5	(5)	7.82	7.82	7.75	7.89	0.00
TCX		3.63	3.63	3.58	3.68	0.00
DCB		9.52	9.52	9.42	9.62	0.00



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

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: Q1060 SAS No.: Q1060 SDG NO.: Q1060

Continuing Calib Date: 01/14/2025 Initial Calibration Date(s): 12/20/2024 12/20/2024

Continuing Calib Time: 11:46 Initial Calibration Time(s): 11:38 21:11

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.08	4.08	4.01	4.15	0.00
Aroclor-1016-2	(2)	4.10	4.10	4.03	4.17	0.00
Aroclor-1016-3	(3)	4.28	4.28	4.21	4.35	0.00
Aroclor-1016-4	(4)	4.33	4.33	4.26	4.40	0.00
Aroclor-1016-5	(5)	4.55	4.55	4.48	4.62	0.00
Aroclor-1260-1	(1)	5.64	5.65	5.58	5.72	0.01
Aroclor-1260-2	(2)	5.85	5.85	5.78	5.92	0.00
Aroclor-1260-3	(3)	6.01	6.01	5.94	6.08	0.00
Aroclor-1260-4	(4)	6.51	6.52	6.45	6.59	0.01
Aroclor-1260-5	(5)	6.78	6.78	6.71	6.85	0.00
TCX		2.96	2.96	2.91	3.01	0.00
DCB		8.23	8.24	8.14	8.34	0.01



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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: Q1060 SAS No.: Q1060 SDG NO.: Q1060

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 12/20/2024 12/20/2024

Client Sample No.: CCAL01 Date Analyzed: 01/14/2025

Lab Sample No.: AR1660CCC400 Data File : PR069964.D Time Analyzed: 11:46

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.851	4.751	4.951	30435500.000	27986100.000	-8.0
Aroclor-1016-2	4.872	4.772	4.972	46509090.000	44285200.000	-4.8
Aroclor-1016-3	4.936	4.836	5.036	28773090.000	27528600.000	-4.3
Aroclor-1016-4	5.038	4.939	5.139	22386480.000	20801800.000	-7.1
Aroclor-1016-5	5.353	5.254	5.454	22923650.000	22766300.000	-0.7
Aroclor-1260-1	6.565	6.466	6.666	40163220.000	40122300.000	-0.1
Aroclor-1260-2	6.848	6.748	6.948	44680180.000	43224600.000	-3.3
Aroclor-1260-3	7.239	7.138	7.338	35412650.000	35316800.000	-0.3
Aroclor-1260-4	7.482	7.381	7.581	39008850.000	38948400.000	-0.2
Aroclor-1260-5	7.821	7.722	7.922	70337060.000	66522100.000	-5.4
DCB	9.519	9.421	9.621	515829000.000	528087000.000	2.4
TCX	3.629	3.530	3.730	1039115000.000	1049760000.000	1.0



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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: Q1060 SAS No.: Q1060 SDG NO.: Q1060

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 12/20/2024 12/20/2024

Client Sample No.: CCAL01 Date Analyzed: 01/14/2025

Lab Sample No.: AR1660CCC400 Data File : PR069964.D Time Analyzed: 11:46

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.078	3.982	4.182	175384700.000	168470000.000	-3.9
Aroclor-1016-2	4.097	4.000	4.200	257002400.000	248713000.000	-3.2
Aroclor-1016-3	4.276	4.180	4.380	133980000.000	131896000.000	-1.6
Aroclor-1016-4	4.327	4.231	4.431	109835400.000	114464000.000	4.2
Aroclor-1016-5	4.546	4.450	4.650	134578200.000	139390000.000	3.6
Aroclor-1260-1	5.641	5.546	5.746	235212500.000	227845000.000	-3.1
Aroclor-1260-2	5.848	5.753	5.953	268390900.000	260948000.000	-2.8
Aroclor-1260-3	6.006	5.911	6.111	255470300.000	253596000.000	-0.7
Aroclor-1260-4	6.513	6.417	6.617	217227400.000	213831000.000	-1.6
Aroclor-1260-5	6.780	6.684	6.884	499565500.000	472444000.000	-5.4
DCB	8.232	8.137	8.337	3355869000.000	3342410000.000	-0.4
TCX	2.960	2.862	3.062	5613354000.000	5825180000.000	3.8

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011425\
 Data File : PR069964.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jan 2025 11:46
 Operator : AJ\MA
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR16603297

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 15 00:54:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 03:09:04 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.629	2.960	20995217	116.5E6	20.205	20.755
2) SA Decachlor...	9.519	8.232	21123479	133.7E6	40.951	39.840
Target Compounds						
3) L1 AR-1016-1	4.851	4.078	11194432	67388162	367.808	384.231
4) L1 AR-1016-2	4.872	4.097	17714067	99485339	380.873	387.099
5) L1 AR-1016-3	4.936	4.276	11011451	52758455	382.700	393.779
6) L1 AR-1016-4	5.038	4.327	8320738	45785467	371.686	416.855
7) L1 AR-1016-5	5.353	4.546	9106513	55755844	397.254	414.301
31) L7 AR-1260-1	6.565	5.641	16048912	91138094	399.592	387.471
32) L7 AR-1260-2	6.848	5.848	17289833	104.4E6	386.969	388.907
33) L7 AR-1260-3	7.239	6.006	14126738	101.4E6	398.918	397.066
34) L7 AR-1260-4	7.482	6.513	15579342	85532211	399.380	393.745
35) L7 AR-1260-5	7.821	6.780	26608854	189.0E6	378.305	378.284

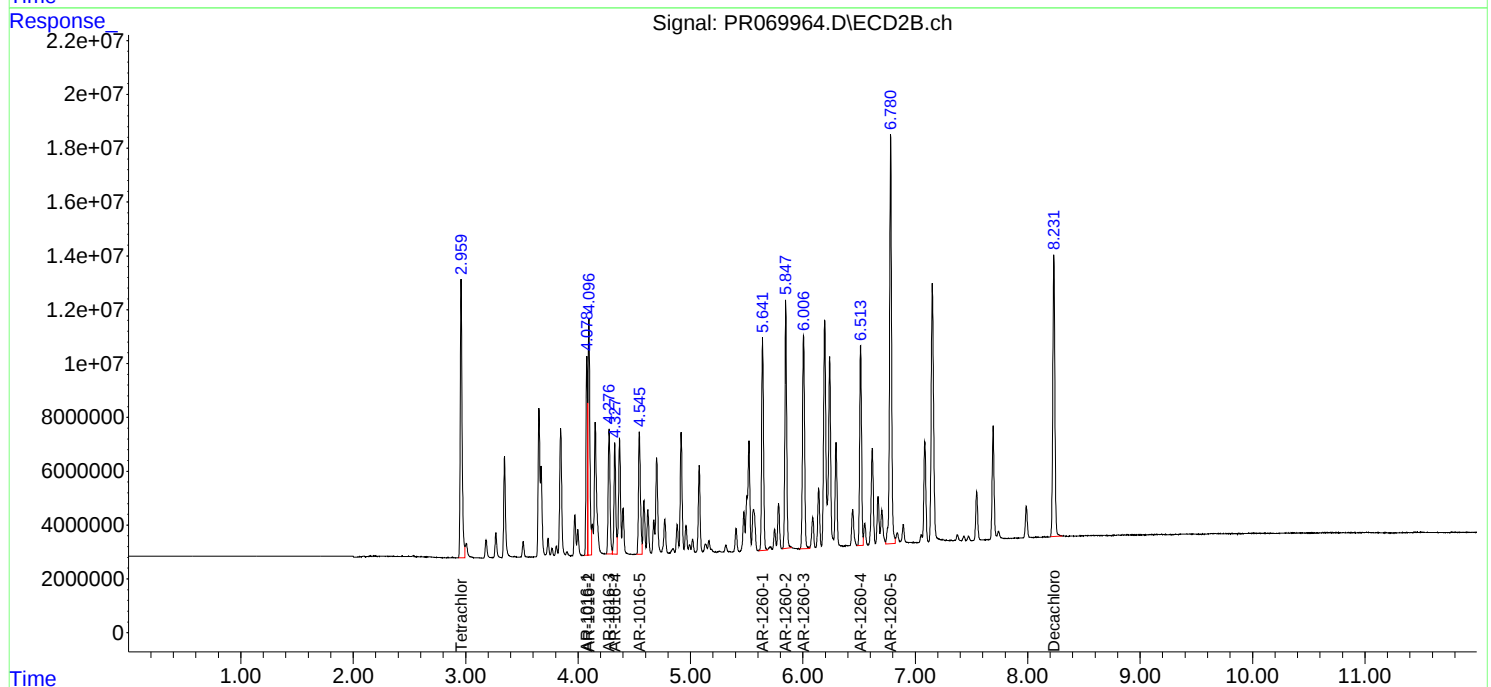
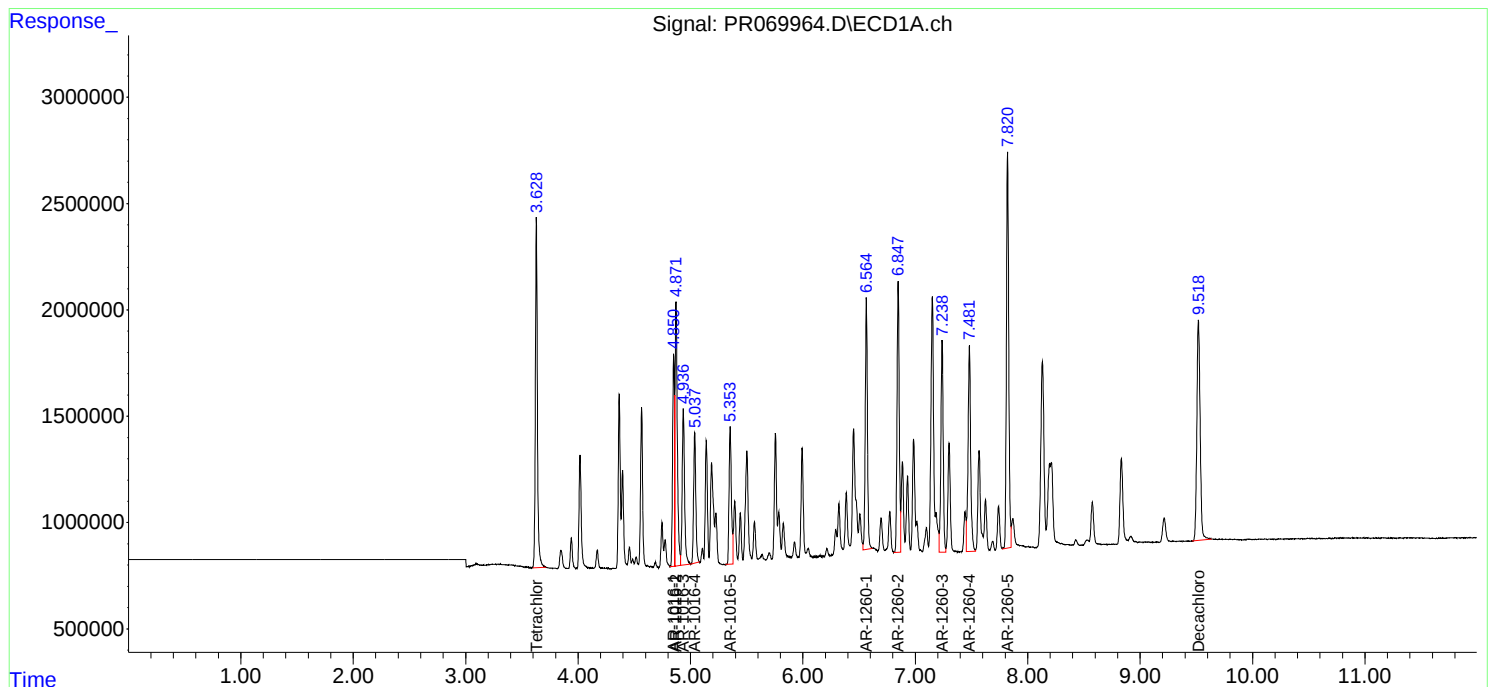
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011425\
Data File : PR069964.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jan 2025 11:46
Operator : AJ\MA
Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR16603297

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 15 00:54:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 03:09:04 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm





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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: Q1060 SAS No.: Q1060 SDG NO.: Q1060

Continuing Calib Date: 01/14/2025 Initial Calibration Date(s): 12/20/2024 12/20/2024

Continuing Calib Time: 12:45 Initial Calibration Time(s): 11:38 21:11

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	4.85	4.85	4.78	4.92	0.00
Aroclor-1016-2	(2)	4.87	4.87	4.80	4.94	0.00
Aroclor-1016-3	(3)	4.93	4.94	4.87	5.01	0.01
Aroclor-1016-4	(4)	5.04	5.04	4.97	5.11	0.00
Aroclor-1016-5	(5)	5.35	5.35	5.28	5.42	0.00
Aroclor-1260-1	(1)	6.56	6.57	6.50	6.64	0.01
Aroclor-1260-2	(2)	6.85	6.85	6.78	6.92	0.00
Aroclor-1260-3	(3)	7.24	7.24	7.17	7.31	0.00
Aroclor-1260-4	(4)	7.48	7.48	7.41	7.55	0.00
Aroclor-1260-5	(5)	7.82	7.82	7.75	7.89	0.00
TCX		3.63	3.63	3.58	3.68	0.00
DCB		9.52	9.52	9.42	9.62	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: Q1060 SAS No.: Q1060 SDG NO.: Q1060

Continuing Calib Date: 01/14/2025 Initial Calibration Date(s): 12/20/2024 12/20/2024

Continuing Calib Time: 12:45 Initial Calibration Time(s): 11:38 21:11

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.08	4.08	4.01	4.15	0.00
Aroclor-1016-2	(2)	4.10	4.10	4.03	4.17	0.00
Aroclor-1016-3	(3)	4.28	4.28	4.21	4.35	0.00
Aroclor-1016-4	(4)	4.33	4.33	4.26	4.40	0.00
Aroclor-1016-5	(5)	4.55	4.55	4.48	4.62	0.00
Aroclor-1260-1	(1)	5.64	5.65	5.58	5.72	0.01
Aroclor-1260-2	(2)	5.85	5.85	5.78	5.92	0.00
Aroclor-1260-3	(3)	6.01	6.01	5.94	6.08	0.00
Aroclor-1260-4	(4)	6.51	6.52	6.45	6.59	0.01
Aroclor-1260-5	(5)	6.78	6.78	6.71	6.85	0.00
TCX		2.96	2.96	2.91	3.01	0.00
DCB		8.23	8.24	8.14	8.34	0.01



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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: Q1060 SAS No.: Q1060 SDG NO.: Q1060

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 12/20/2024 12/20/2024

Client Sample No.: CCAL02 Date Analyzed: 01/14/2025

Lab Sample No.: AR1660CCC400 Data File : PR069968.D Time Analyzed: 12:45

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.848	4.751	4.951	30435500.000	27362700.000	-10.1
Aroclor-1016-2	4.870	4.772	4.972	46509090.000	43977400.000	-5.4
Aroclor-1016-3	4.934	4.836	5.036	28773090.000	27030600.000	-6.1
Aroclor-1016-4	5.036	4.939	5.139	22386480.000	20727500.000	-7.4
Aroclor-1016-5	5.351	5.254	5.454	22923650.000	22472400.000	-2.0
Aroclor-1260-1	6.563	6.466	6.666	40163220.000	41008000.000	2.1
Aroclor-1260-2	6.846	6.748	6.948	44680180.000	43884900.000	-1.8
Aroclor-1260-3	7.236	7.138	7.338	35412650.000	35592200.000	0.5
Aroclor-1260-4	7.479	7.381	7.581	39008850.000	38637500.000	-1.0
Aroclor-1260-5	7.818	7.722	7.922	70337060.000	64436200.000	-8.4
DCB	9.515	9.421	9.621	515829000.000	528670000.000	2.5
TCX	3.628	3.530	3.730	1039115000.000	1043670000.000	0.5



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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: Q1060 SAS No.: Q1060 SDG NO.: Q1060

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 12/20/2024 12/20/2024

Client Sample No.: CCAL02 Date Analyzed: 01/14/2025

Lab Sample No.: AR1660CCC400 Data File : PR069968.D Time Analyzed: 12:45

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.078	3.982	4.182	175384700.000	168164000.000	-4.1
Aroclor-1016-2	4.096	4.000	4.200	257002400.000	249880000.000	-2.8
Aroclor-1016-3	4.275	4.180	4.380	133980000.000	131270000.000	-2.0
Aroclor-1016-4	4.326	4.231	4.431	109835400.000	109566000.000	-0.2
Aroclor-1016-5	4.545	4.450	4.650	134578200.000	140044000.000	4.1
Aroclor-1260-1	5.640	5.546	5.746	235212500.000	232074000.000	-1.3
Aroclor-1260-2	5.847	5.753	5.953	268390900.000	264175000.000	-1.6
Aroclor-1260-3	6.005	5.911	6.111	255470300.000	256571000.000	0.4
Aroclor-1260-4	6.512	6.417	6.617	217227400.000	216692000.000	-0.2
Aroclor-1260-5	6.778	6.684	6.884	499565500.000	474078000.000	-5.1
DCB	8.229	8.137	8.337	3355869000.000	3412820000.000	1.7
TCX	2.960	2.862	3.062	5613354000.000	5785870000.000	3.1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011425\
 Data File : PR069968.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jan 2025 12:45
 Operator : AJ\MA
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR16603298

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 15 00:55:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 03:09:04 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.628	2.960	20873353	115.7E6	20.088	20.615
2) SA Decachlor...	9.515	8.229	21146812	136.5E6	40.996	40.679
Target Compounds						
3) L1 AR-1016-1	4.848	4.078	10945090	67265556	359.616	383.532
4) L1 AR-1016-2	4.870	4.096	17590960	99952083	378.226	388.915
5) L1 AR-1016-3	4.934	4.275	10812245	52507988	375.776	391.909
6) L1 AR-1016-4	5.036	4.326	8291013	43826348	370.358	399.018
7) L1 AR-1016-5	5.351	4.545	8988942	56017630	392.125	416.246
31) L7 AR-1260-1	6.563	5.640	16403189	92829658	408.413	394.663
32) L7 AR-1260-2	6.846	5.847	17553977	105.7E6	392.881	393.717
33) L7 AR-1260-3	7.236	6.005	14236883	102.6E6	402.028	401.723
34) L7 AR-1260-4	7.479	6.512	15455019	86676861	396.193	399.014
35) L7 AR-1260-5	7.818	6.778	25774473	189.6E6	366.442	379.592

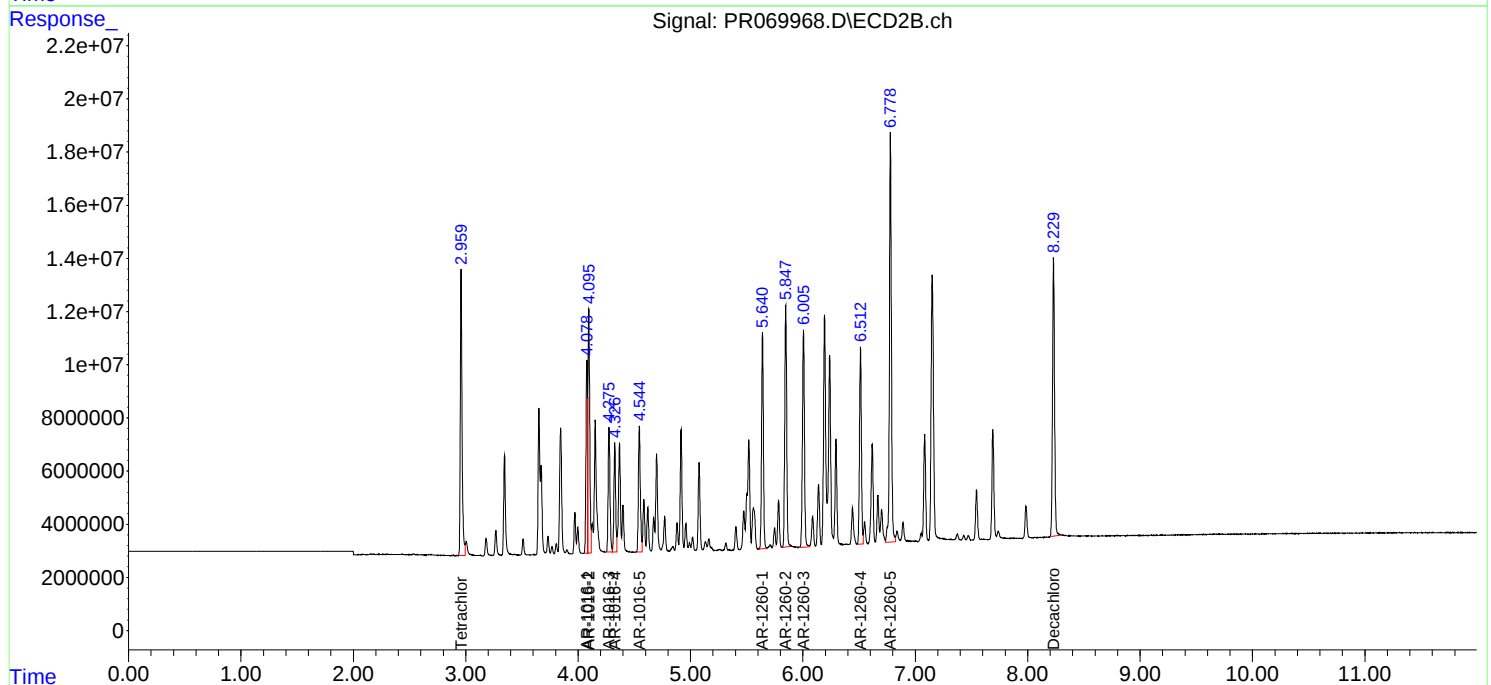
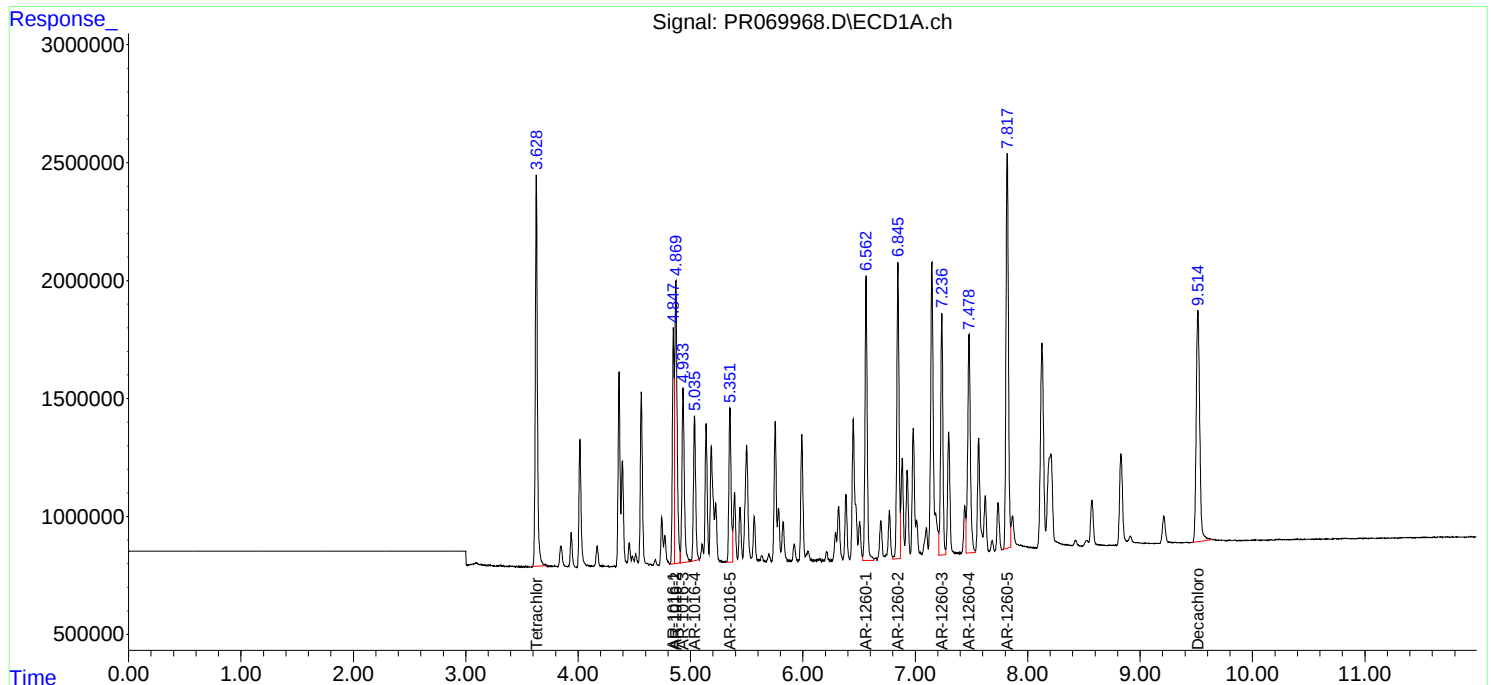
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011425\
Data File : PR069968.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jan 2025 12:45
Operator : AJ\MA
Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR16603298

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 15 00:55:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 03:09:04 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Analytical Sequence

Client: Chemtech Consulting Group

SDG No.: Q1060

Project: Weekly Storage Blanks

Instrument ID: ECD_R

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 12/20/2024

12/20/2024

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 #
AIBLK138	AIBLK067	12/20/2024	11:23	PR069769.D	9.52	3.63
AR16601234	AR1660ICC100	12/20/2024	11:38	PR069770.D	9.52	3.63
AR16602235	AR1660ICC200	12/20/2024	11:52	PR069771.D	9.52	3.63
AR16603236	AR1660ICC400	12/20/2024	12:07	PR069772.D	9.52	3.63
AR16604237	AR1660ICC800	12/20/2024	12:22	PR069773.D	9.52	3.63
AR16605238	AR1660ICC1600	12/20/2024	12:37	PR069774.D	9.52	3.63
AR12211239	AR1221ICC100	12/20/2024	12:51	PR069775.D	9.52	3.63
AR12212240	AR1221ICC200	12/20/2024	13:06	PR069776.D	9.52	3.63
AR12213241	AR1221ICC400	12/20/2024	13:21	PR069777.D	9.52	3.63
AR12214242	AR1221ICC800	12/20/2024	13:35	PR069778.D	9.52	3.63
AR12215243	AR1221ICC1600	12/20/2024	13:50	PR069779.D	9.52	3.63
AR12321244	AR1232ICC100	12/20/2024	14:05	PR069780.D	9.52	3.63
AR12322245	AR1232ICC200	12/20/2024	14:19	PR069781.D	9.52	3.63
AR12323246	AR1232ICC400	12/20/2024	14:34	PR069782.D	9.52	3.63
AR12324247	AR1232ICC800	12/20/2024	14:49	PR069783.D	9.52	3.63
AR12325248	AR1232ICC1600	12/20/2024	15:03	PR069784.D	9.52	3.63
AR12421249	AR1242ICC100	12/20/2024	15:18	PR069785.D	9.52	3.63
AR12422250	AR1242ICC200	12/20/2024	15:33	PR069786.D	9.52	3.63
AR12423201	AR1242ICC400	12/20/2024	15:48	PR069787.D	9.52	3.63
AR12424202	AR1242ICC800	12/20/2024	16:02	PR069788.D	9.52	3.63
AR12425203	AR1242ICC1600	12/20/2024	16:17	PR069789.D	9.52	3.63
AR12481204	AR1248ICC100	12/20/2024	16:32	PR069790.D	9.52	3.63
AR12482205	AR1248ICC200	12/20/2024	16:46	PR069791.D	9.52	3.63
AR12483206	AR1248ICC400	12/20/2024	17:01	PR069792.D	9.52	3.63
AR12484207	AR1248ICC800	12/20/2024	17:16	PR069793.D	9.52	3.63
AR12485208	AR1248ICC1600	12/20/2024	17:30	PR069794.D	9.52	3.63
AR12541209	AR1254ICC100	12/20/2024	17:45	PR069795.D	9.52	3.63
AR12542210	AR1254ICC200	12/20/2024	18:00	PR069796.D	9.52	3.63
AR12543211	AR1254ICC400	12/20/2024	18:15	PR069797.D	9.53	3.63
AR12544212	AR1254ICC800	12/20/2024	18:29	PR069798.D	9.52	3.63
AR12545213	AR1254ICC1600	12/20/2024	18:44	PR069799.D	9.52	3.63
AR12621214	AR1262ICC100	12/20/2024	18:59	PR069800.D	9.52	3.63
AR12622215	AR1262ICC200	12/20/2024	19:13	PR069801.D	9.52	3.63
AR12623216	AR1262ICC400	12/20/2024	19:28	PR069802.D	9.52	3.63
AR12624217	AR1262ICC800	12/20/2024	19:43	PR069803.D	9.52	3.63
AR12625218	AR1262ICC1600	12/20/2024	19:57	PR069804.D	9.52	3.63
AR12681219	AR1268ICC100	12/20/2024	20:12	PR069805.D	9.55	3.65
AR12682220	AR1268ICC200	12/20/2024	20:27	PR069806.D	9.52	3.63
AR12683221	AR1268ICC400	12/20/2024	20:41	PR069807.D	9.52	3.63
AR12684222	AR1268ICC800	12/20/2024	20:56	PR069808.D	9.52	3.63
AR12685223	AR1268ICC1600	12/20/2024	21:11	PR069809.D	9.52	3.63
AIBLK154	AIBLK082	01/14/2025	11:32	PR069963.D	9.53	3.63

Analytical Sequence

AR16603297	AR1660CCC400	01/14/2025	11:46	PR069964.D	9.52	3.63
PCB-GPC2-BLANK	Q1060-13	01/14/2025	12:01	PR069965.D	0.00	0.00
PCB-GPC2-BLANK-SPIKE	Q1060-14	01/14/2025	12:16	PR069966.D	0.00	0.00
AIBLK155	AIBLK083	01/14/2025	12:30	PR069967.D	9.52	3.63
AR16603298	AR1660CCC400	01/14/2025	12:45	PR069968.D	9.52	3.63

Analytical Sequence

Client: Chemtech Consulting Group

SDG No.: Q1060

Project: Weekly Storage Blanks

Instrument ID: ECD_R

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 12/20/2024

12/20/2024

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 #
AIBLK138	AIBLK067	12/20/2024	11:23	PR069769.D	8.24	2.96
AR16601234	AR1660ICC100	12/20/2024	11:38	PR069770.D	8.24	2.96
AR16602235	AR1660ICC200	12/20/2024	11:52	PR069771.D	8.24	2.96
AR16603236	AR1660ICC400	12/20/2024	12:07	PR069772.D	8.24	2.96
AR16604237	AR1660ICC800	12/20/2024	12:22	PR069773.D	8.24	2.96
AR16605238	AR1660ICC1600	12/20/2024	12:37	PR069774.D	8.24	2.96
AR12211239	AR1221ICC100	12/20/2024	12:51	PR069775.D	8.24	2.96
AR12212240	AR1221ICC200	12/20/2024	13:06	PR069776.D	8.24	2.96
AR12213241	AR1221ICC400	12/20/2024	13:21	PR069777.D	8.24	2.96
AR12214242	AR1221ICC800	12/20/2024	13:35	PR069778.D	8.24	2.96
AR12215243	AR1221ICC1600	12/20/2024	13:50	PR069779.D	8.24	2.96
AR12321244	AR1232ICC100	12/20/2024	14:05	PR069780.D	8.24	2.96
AR12322245	AR1232ICC200	12/20/2024	14:19	PR069781.D	8.24	2.96
AR12323246	AR1232ICC400	12/20/2024	14:34	PR069782.D	8.24	2.96
AR12324247	AR1232ICC800	12/20/2024	14:49	PR069783.D	8.24	2.96
AR12325248	AR1232ICC1600	12/20/2024	15:03	PR069784.D	8.24	2.96
AR12421249	AR1242ICC100	12/20/2024	15:18	PR069785.D	8.24	2.96
AR12422250	AR1242ICC200	12/20/2024	15:33	PR069786.D	8.24	2.96
AR12423201	AR1242ICC400	12/20/2024	15:48	PR069787.D	8.24	2.96
AR12424202	AR1242ICC800	12/20/2024	16:02	PR069788.D	8.24	2.96
AR12425203	AR1242ICC1600	12/20/2024	16:17	PR069789.D	8.24	2.96
AR12481204	AR1248ICC100	12/20/2024	16:32	PR069790.D	8.24	2.96
AR12482205	AR1248ICC200	12/20/2024	16:46	PR069791.D	8.24	2.96
AR12483206	AR1248ICC400	12/20/2024	17:01	PR069792.D	8.24	2.96
AR12484207	AR1248ICC800	12/20/2024	17:16	PR069793.D	8.24	2.96
AR12485208	AR1248ICC1600	12/20/2024	17:30	PR069794.D	8.24	2.96
AR12541209	AR1254ICC100	12/20/2024	17:45	PR069795.D	8.24	2.96
AR12542210	AR1254ICC200	12/20/2024	18:00	PR069796.D	8.24	2.96
AR12543211	AR1254ICC400	12/20/2024	18:15	PR069797.D	8.24	2.96
AR12544212	AR1254ICC800	12/20/2024	18:29	PR069798.D	8.24	2.96
AR12545213	AR1254ICC1600	12/20/2024	18:44	PR069799.D	8.24	2.96
AR12621214	AR1262ICC100	12/20/2024	18:59	PR069800.D	8.24	2.96
AR12622215	AR1262ICC200	12/20/2024	19:13	PR069801.D	8.24	2.96
AR12623216	AR1262ICC400	12/20/2024	19:28	PR069802.D	8.24	2.96
AR12624217	AR1262ICC800	12/20/2024	19:43	PR069803.D	8.24	2.96
AR12625218	AR1262ICC1600	12/20/2024	19:57	PR069804.D	8.24	2.96
AR12681219	AR1268ICC100	12/20/2024	20:12	PR069805.D	8.24	2.96
AR12682220	AR1268ICC200	12/20/2024	20:27	PR069806.D	8.24	2.96
AR12683221	AR1268ICC400	12/20/2024	20:41	PR069807.D	8.24	2.96
AR12684222	AR1268ICC800	12/20/2024	20:56	PR069808.D	8.24	2.96
AR12685223	AR1268ICC1600	12/20/2024	21:11	PR069809.D	8.24	2.96
AIBLK154	AIBLK082	01/14/2025	11:32	PR069963.D	8.23	2.96

Analytical Sequence

AR16603297	AR1660CCC400	01/14/2025	11:46	PR069964.D	8.23	2.96
PCB-GPC2-BLANK	Q1060-13	01/14/2025	12:01	PR069965.D	0.00	0.00
PCB-GPC2-BLANK-SPIKE	Q1060-14	01/14/2025	12:16	PR069966.D	0.00	0.00
AIBLK155	AIBLK083	01/14/2025	12:30	PR069967.D	8.23	2.96
AR16603298	AR1660CCC400	01/14/2025	12:45	PR069968.D	8.23	2.96

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PCB-GPC2-BLANK-SPIK

Contract: CHEM02

Lab Code: CHEM Case No.: Q1060 SAS No.: Q1060 SDG NO.: Q1060

Lab Sample ID: Q1060-14 Date(s) Analyzed: 01/14/2025 01/14/2025

Instrument ID (1): ECD_R Instrument ID (2): ECD_R

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

Data file PR069966.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	4.85	4.8	4.9	191	203	5.9
COLUMN 1	2	4.871	4.821	4.921	211		
	3	4.936	4.886	4.986	206		
	4	5.037	4.987	5.087	198		
	5	5.352	5.302	5.402	208		
	1	4.08	4.03	4.13	211		
COLUMN 2	2	4.098	4.048	4.148	219	215	
	3	4.277	4.227	4.327	210		
	4	4.328	4.278	4.378	217		
	5	4.546	4.496	4.596	217		
Aroclor-1260	1	6.564	6.514	6.614	227	207	9.9
COLUMN 1	2	6.846	6.796	6.896	220		
	3	7.236	7.186	7.286	192		
	4	7.479	7.429	7.529	203		
	5	7.82	7.77	7.87	193		
	1	5.641	5.591	5.691	235	228	
COLUMN 2	2	5.847	5.797	5.897	235		
	3	6.005	5.955	6.055	247		
	4	6.512	6.462	6.562	212		
	5	6.778	6.728	6.828	209		



QC SAMPLE DATA

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	12/20/24
Project:	Weekly Storage Blanks	Date Received:	12/20/24
Client Sample ID:	PIBLK-PR069769.D	SDG No.:	Q1060
Lab Sample ID:	I.BLK-PR069769.D	Matrix:	WATER
Analytical Method:	SFAM_PCB	% 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 :	
PH :			
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PR069769.D	1		12/20/24	PR122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.077	U	0.077	1.00	ug/L
11104-28-2	Aroclor-1221	0.077	U	0.077	1.00	ug/L
11141-16-5	Aroclor-1232	0.077	U	0.077	1.00	ug/L
53469-21-9	Aroclor-1242	0.077	U	0.077	1.00	ug/L
12672-29-6	Aroclor-1248	0.077	U	0.077	1.00	ug/L
11097-69-1	Aroclor-1254	0.077	U	0.077	1.00	ug/L
11096-82-5	Aroclor-1260	0.073	U	0.073	1.00	ug/L
37324-23-5	Aroclor-1262	0.077	U	0.077	1.00	ug/L
11100-14-4	Aroclor-1268	0.077	U	0.077	1.00	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	0.20		30 - 150	98%	SPK: 20
2051-24-3	Decachlorobiphenyl	0.40		30 - 150	100%	SPK: 40

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_R\Data\PR122024\
Data File : PR069769.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 11:23
Operator : AJ\MA
Sample : AIBLK067
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AIBLK138

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 03:12:17 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 03:09:04 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.631	2.962	20366326	116.4E6	19.600	20.728
2) SA Decachlor...	9.522	8.239	20575515	134.8E6	39.888	40.169

Target Compounds

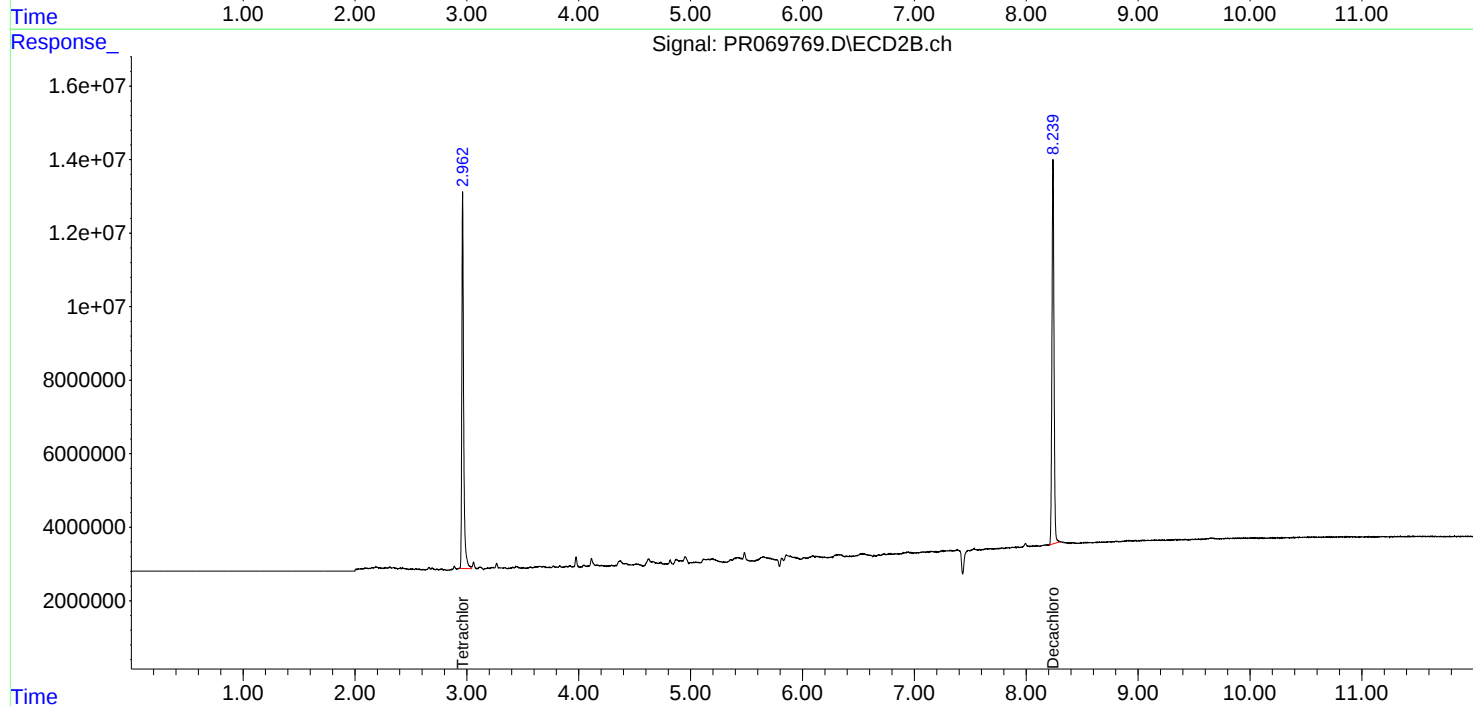
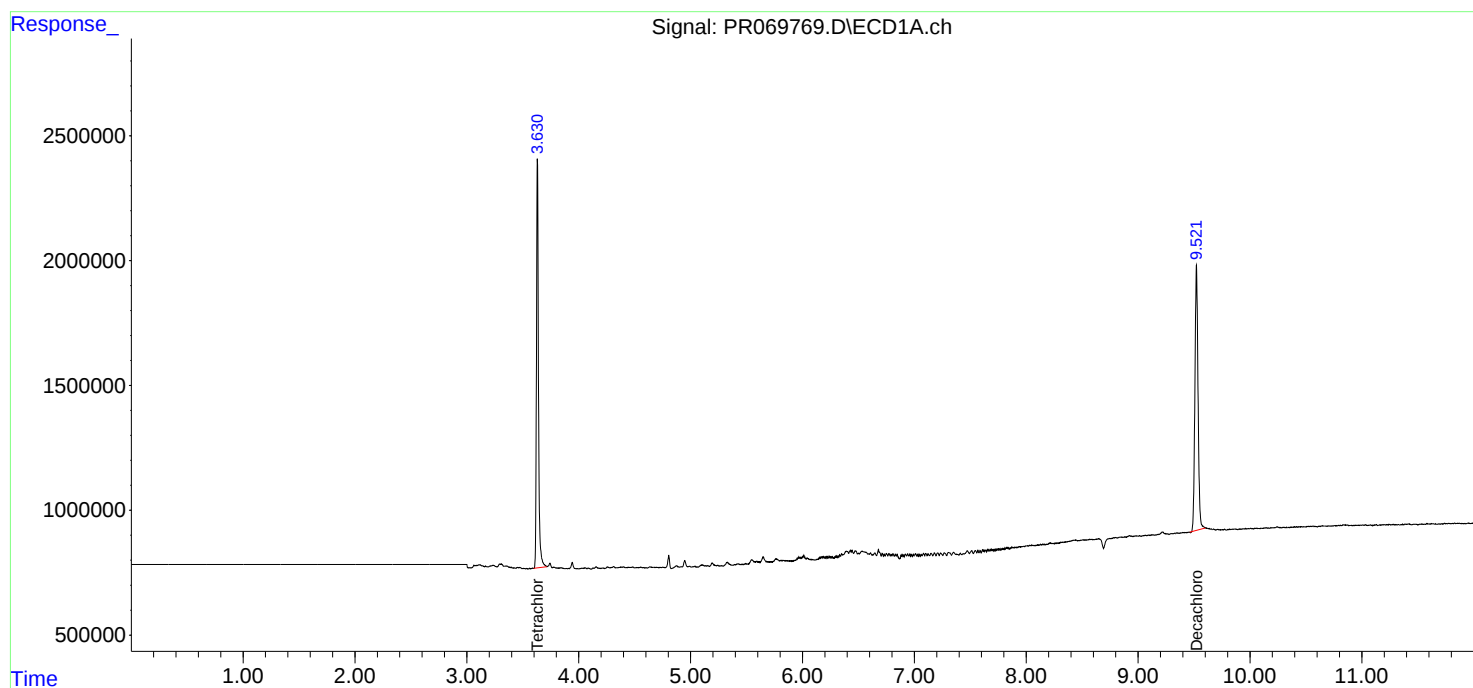
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122024\
Data File : PR069769.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 11:23
Operator : AJ\MA
Sample : AIBLK067
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AIBLK138

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 03:12:17 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 03:09:04 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:	01/14/25	
Project:	Weekly Storage Blanks		Date Received:	01/14/25	
Client Sample ID:	PIBLK-PR069963.D		SDG No.:	Q1060	
Lab Sample ID:	I.BLK-PR069963.D		Matrix:	WATER	
Analytical Method:	SFAM_PCB		% 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 :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PR069963.D	1		01/14/25	pr011425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.077	U	0.077	1.00	ug/L
11104-28-2	Aroclor-1221	0.077	U	0.077	1.00	ug/L
11141-16-5	Aroclor-1232	0.077	U	0.077	1.00	ug/L
53469-21-9	Aroclor-1242	0.077	U	0.077	1.00	ug/L
12672-29-6	Aroclor-1248	0.077	U	0.077	1.00	ug/L
11097-69-1	Aroclor-1254	0.077	U	0.077	1.00	ug/L
11096-82-5	Aroclor-1260	0.073	U	0.073	1.00	ug/L
37324-23-5	Aroclor-1262	0.077	U	0.077	1.00	ug/L
11100-14-4	Aroclor-1268	0.077	U	0.077	1.00	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	0.22		30 - 150	108%	SPK: 20
2051-24-3	Decachlorobiphenyl	0.45		30 - 150	113%	SPK: 40

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_R\Data\PR011425\
 Data File : PR069963.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jan 2025 11:32
 Operator : AJ\MA
 Sample : AIBLK082
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AIBLK154

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 15 00:53:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 03:09:04 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.631	2.960	22361657	135.4E6	21.520	24.124
2) SA Decachlor...	9.525	8.233	23395322	152.6E6	45.355	45.472

Target Compounds

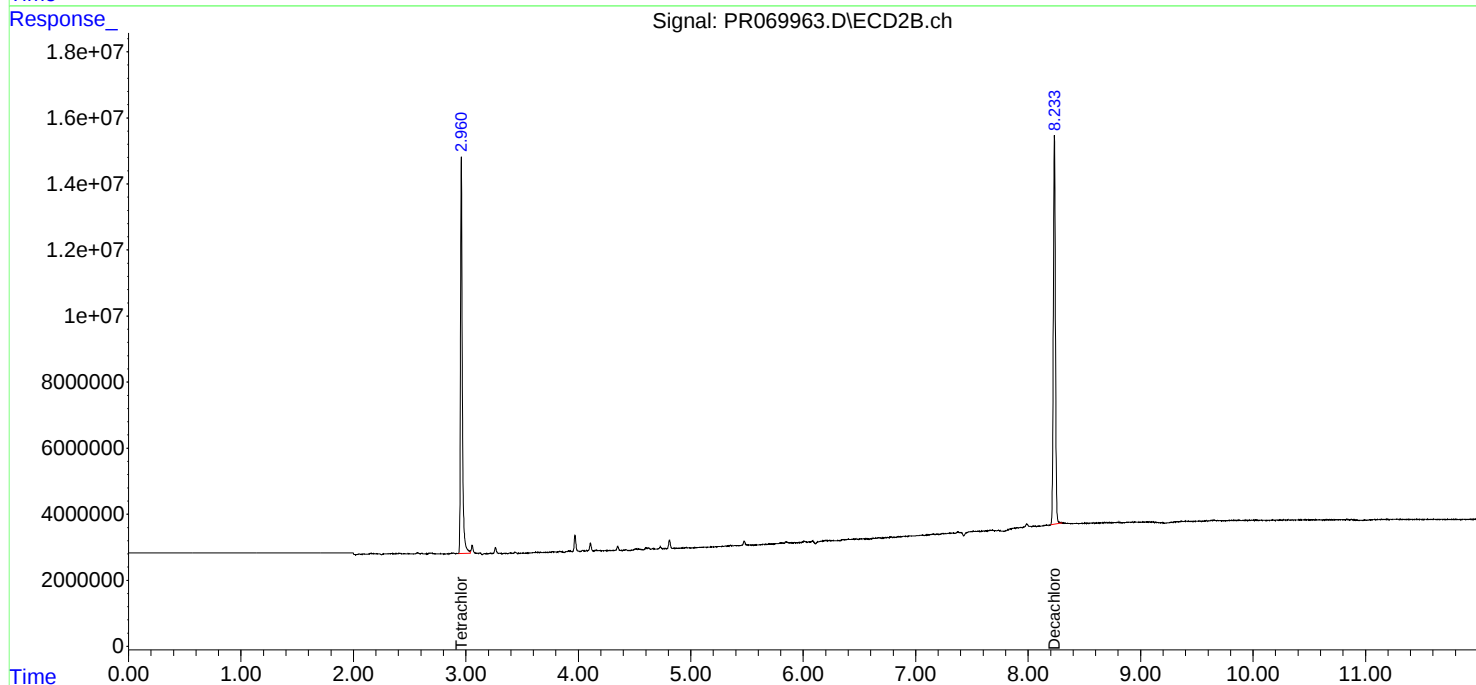
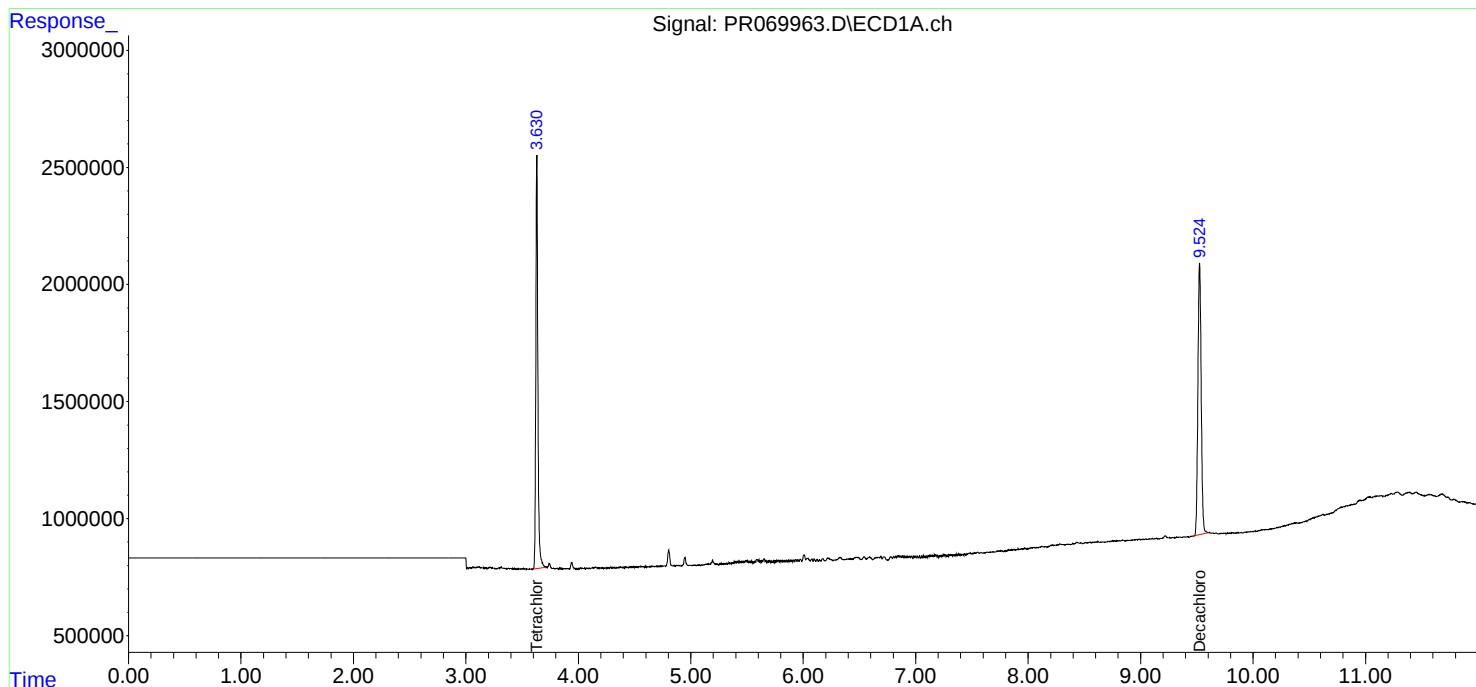
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011425\
Data File : PR069963.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jan 2025 11:32
Operator : AJ\MA
Sample : AIBLK082
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AIBLK154

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 15 00:53:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 03:09:04 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	01/14/25
Project:	Weekly Storage Blanks	Date Received:	01/14/25
Client Sample ID:	PIBLK-PR069967.D	SDG No.:	Q1060
Lab Sample ID:	I.BLK-PR069967.D	Matrix:	WATER
Analytical Method:	SFAM_PCB	% 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 :	
PH :			
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PR069967.D	1		01/14/25	pr011425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.077	U	0.077	1.00	ug/L
11104-28-2	Aroclor-1221	0.077	U	0.077	1.00	ug/L
11141-16-5	Aroclor-1232	0.077	U	0.077	1.00	ug/L
53469-21-9	Aroclor-1242	0.077	U	0.077	1.00	ug/L
12672-29-6	Aroclor-1248	0.077	U	0.077	1.00	ug/L
11097-69-1	Aroclor-1254	0.077	U	0.077	1.00	ug/L
11096-82-5	Aroclor-1260	0.073	U	0.073	1.00	ug/L
37324-23-5	Aroclor-1262	0.077	U	0.077	1.00	ug/L
11100-14-4	Aroclor-1268	0.077	U	0.077	1.00	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	0.22		30 - 150	110%	SPK: 20
2051-24-3	Decachlorobiphenyl	0.45		30 - 150	112%	SPK: 40

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_R\Data\PR011425\
 Data File : PR069967.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jan 2025 12:30
 Operator : AJ\MA
 Sample : AIBLK083
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AIBLK155

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 15 00:54:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 21 03:09:04 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.628	2.960	22914991	135.1E6	22.052	24.063
2) SA Decachlor...	9.516	8.231	23126441	154.5E6	44.834	46.051

Target Compounds

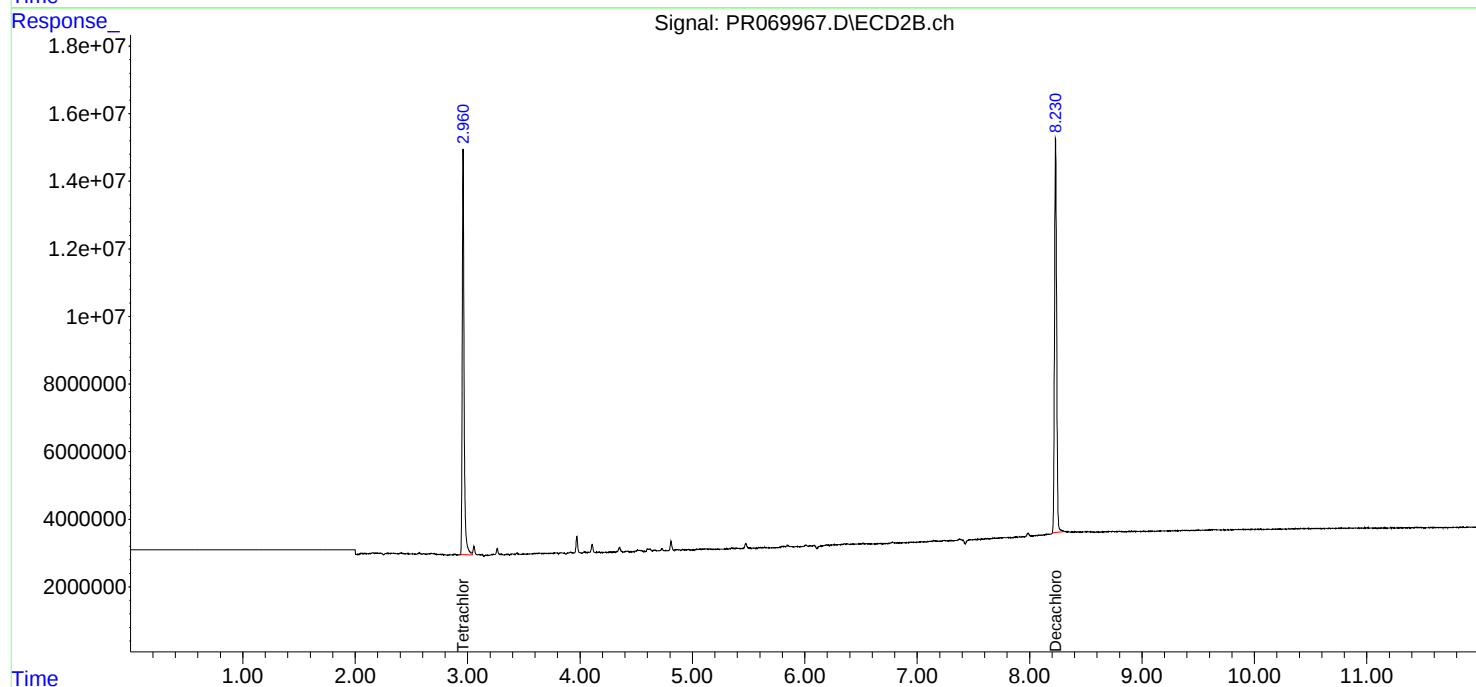
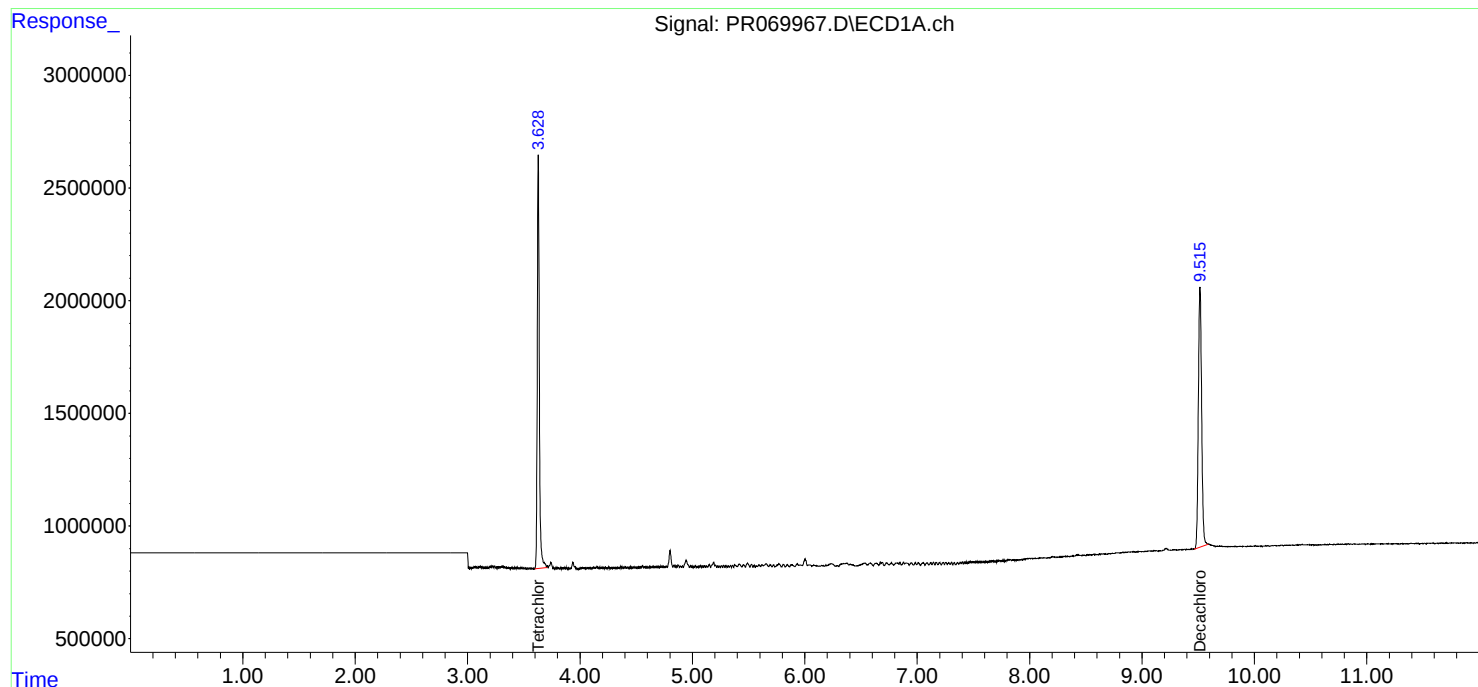
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011425\
Data File : PR069967.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jan 2025 12:30
Operator : AJ\MA
Sample : AIBLK083
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AIBLK155

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 15 00:54:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122024CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 21 03:09:04 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Manual Integration Report

Sequence:	PR122024	Instrument	ECD_r
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC200	PR069771.D	Tetrachloro-m-xylene #2	yogesh	12/23/2024 9:17:42 AM	mohammad	12/25/2024 4:11:47	Peak Integrated by Software
AR1262ICC100	PR069800.D	AR-1262-3	yogesh	12/23/2024 9:17:45 AM	mohammad	12/25/2024 4:11:53	Peak Integrated by Software
AR1262ICC200	PR069801.D	AR-1262-3	yogesh	12/23/2024 9:17:46 AM	mohammad	12/25/2024 4:11:57	Peak Integrated by Software
AR1262ICC400	PR069802.D	AR-1262-3	yogesh	12/23/2024 9:17:48 AM	mohammad	12/25/2024 4:12:02	Peak Integrated by Software
AR1262ICC800	PR069803.D	AR-1262-3	yogesh	12/23/2024 9:17:49 AM	mohammad	12/25/2024 4:12:06	Peak Integrated by Software
AR1262ICC160 0	PR069804.D	AR-1262-3	yogesh	12/23/2024 9:17:50 AM	mohammad	12/25/2024 4:12:09	Peak Integrated by Software
AR1268ICC100	PR069805.D	AR-1268-1	yogesh	12/23/2024 9:17:52 AM	mohammad	12/25/2024 4:12:14	Peak Integrated by Software
AR1268ICC100	PR069805.D	AR-1268-1 #2	yogesh	12/23/2024 9:17:52 AM	mohammad	12/25/2024 4:12:14	Peak Integrated by Software
AR1268ICC200	PR069806.D	AR-1268-1	yogesh	12/23/2024 9:17:55 AM	mohammad	12/25/2024 4:12:18	Peak Integrated by Software
AR1268ICC200	PR069806.D	AR-1268-1 #2	yogesh	12/23/2024 9:17:55 AM	mohammad	12/25/2024 4:12:18	Peak Integrated by Software
AR1268ICC400	PR069807.D	AR-1268-1	yogesh	12/23/2024 9:17:57 AM	mohammad	12/25/2024 4:12:23	Peak Integrated by Software
AR1268ICC400	PR069807.D	AR-1268-1 #2	yogesh	12/23/2024 9:17:57 AM	mohammad	12/25/2024 4:12:23	Peak Integrated by Software
AR1268ICC800	PR069808.D	AR-1268-1	yogesh	12/23/2024 9:17:58 AM	mohammad	12/25/2024 4:12:28	Peak Integrated by Software



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

Manual Integration Report

Sequence:

PR122024

Instrument

ECD_r

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1268ICC800	PR069808.D	AR-1268-1 #2	yogesh	12/23/2024 9:17:58 AM	mohammad	12/25/2024 4:12:28	Peak Integrated by Software
AR1268ICC160 0	PR069809.D	AR-1268-1	yogesh	12/23/2024 9:18:00 AM	mohammad	12/25/2024 4:12:32	Peak Integrated by Software



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

Manual Integration Report

Sequence:

pr011425

Instrument

ECD_r

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Instrument ID: ECD_R

Daily Analysis Runlog For Sequence/QC Batch ID # PR122024

Review By	yogesh	Review On	12/23/2024 9:18:16 AM
Supervise By	mohammad	Supervise On	12/25/2024 4:12:50 AM
SubDirectory	PR122024	HP Acquire Method	HP Processing Method PR122024CLP
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24020,PP24019,PP24018,PP24017,PP24016,PP24025,PP24024,PP24023,PP24022,PP24021,PP24030,PP24029,PP24028,PP24027,PP24026,PP24035,PP24034,PP24033,PP24032,PP24031,PP24040,PP24039,PP24038,PP24037,PP24036,PP24045,PP24044,PP24043,PP24042,PP24041,PP24050,PP24049,PP24048,PP24047,PP24046,PP24055,PP24054,PP24053,PP24052,PP24051		
CCC	PP24018,PP24023,PP24028,PP24033,PP24038,PP24043,PP24048,PP24053		
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PR069768.D	20 Dec 2024 11:09	AJMA	Ok
2	AIBLK067	PR069769.D	20 Dec 2024 11:23	AJMA	Ok
3	AR1660ICC100	PR069770.D	20 Dec 2024 11:38	AJMA	Ok
4	AR1660ICC200	PR069771.D	20 Dec 2024 11:52	AJMA	Ok,M
5	AR1660ICC400	PR069772.D	20 Dec 2024 12:07	AJMA	Ok
6	AR1660ICC800	PR069773.D	20 Dec 2024 12:22	AJMA	Ok
7	AR1660ICC1600	PR069774.D	20 Dec 2024 12:37	AJMA	Ok
8	AR1221ICC100	PR069775.D	20 Dec 2024 12:51	AJMA	Ok
9	AR1221ICC200	PR069776.D	20 Dec 2024 13:06	AJMA	Ok
10	AR1221ICC400	PR069777.D	20 Dec 2024 13:21	AJMA	Ok
11	AR1221ICC800	PR069778.D	20 Dec 2024 13:35	AJMA	Ok
12	AR1221ICC1600	PR069779.D	20 Dec 2024 13:50	AJMA	Ok
13	AR1232ICC100	PR069780.D	20 Dec 2024 14:05	AJMA	Ok
14	AR1232ICC200	PR069781.D	20 Dec 2024 14:19	AJMA	Ok
15	AR1232ICC400	PR069782.D	20 Dec 2024 14:34	AJMA	Ok
16	AR1232ICC800	PR069783.D	20 Dec 2024 14:49	AJMA	Ok
17	AR1232ICC1600	PR069784.D	20 Dec 2024 15:03	AJMA	Ok
18	AR1242ICC100	PR069785.D	20 Dec 2024 15:18	AJMA	Ok
19	AR1242ICC200	PR069786.D	20 Dec 2024 15:33	AJMA	Ok
20	AR1242ICC400	PR069787.D	20 Dec 2024 15:48	AJMA	Ok
21	AR1242ICC800	PR069788.D	20 Dec 2024 16:02	AJMA	Ok

Instrument ID: ECD_R

Daily Analysis Runlog For Sequence/QC Batch ID # PR122024

Review By	yogesh	Review On	12/23/2024 9:18:16 AM
Supervise By	mohammad	Supervise On	12/25/2024 4:12:50 AM
SubDirectory	PR122024	HP Acquire Method	HP Processing Method PR122024CLP
STD. NAME	STD REF.#		
Tune/Reschk	PP24020,PP24019,PP24018,PP24017,PP24016,PP24025,PP24024,PP24023,PP24022,PP24021,PP24030,PP24029,PP24028,PP24027,PP24026,PP24035,PP24034,PP24033,PP24032,PP24031,PP24040,PP24039,PP24038,PP24037,PP24036,PP24045,PP24044,PP24043,PP24042,PP24041,PP24050,PP24049,PP24048,PP24047,PP24046,PP24055,PP24054,PP24053,PP24052,PP24051		
Initial Calibration Stds			
CCC			
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard	PP24018,PP24023,PP24028,PP24033,PP24038,PP24043,PP24048,PP24053		

22	AR1242ICC1600	PR069789.D	20 Dec 2024 16:17	AJMA	Ok
23	AR1248ICC100	PR069790.D	20 Dec 2024 16:32	AJMA	Ok
24	AR1248ICC200	PR069791.D	20 Dec 2024 16:46	AJMA	Ok
25	AR1248ICC400	PR069792.D	20 Dec 2024 17:01	AJMA	Ok
26	AR1248ICC800	PR069793.D	20 Dec 2024 17:16	AJMA	Ok
27	AR1248ICC1600	PR069794.D	20 Dec 2024 17:30	AJMA	Ok
28	AR1254ICC100	PR069795.D	20 Dec 2024 17:45	AJMA	Ok
29	AR1254ICC200	PR069796.D	20 Dec 2024 18:00	AJMA	Ok
30	AR1254ICC400	PR069797.D	20 Dec 2024 18:15	AJMA	Ok
31	AR1254ICC800	PR069798.D	20 Dec 2024 18:29	AJMA	Ok
32	AR1254ICC1600	PR069799.D	20 Dec 2024 18:44	AJMA	Ok
33	AR1262ICC100	PR069800.D	20 Dec 2024 18:59	AJMA	Ok,M
34	AR1262ICC200	PR069801.D	20 Dec 2024 19:13	AJMA	Ok,M
35	AR1262ICC400	PR069802.D	20 Dec 2024 19:28	AJMA	Ok,M
36	AR1262ICC800	PR069803.D	20 Dec 2024 19:43	AJMA	Ok,M
37	AR1262ICC1600	PR069804.D	20 Dec 2024 19:57	AJMA	Ok,M
38	AR1268ICC100	PR069805.D	20 Dec 2024 20:12	AJMA	Ok,M
39	AR1268ICC200	PR069806.D	20 Dec 2024 20:27	AJMA	Ok,M
40	AR1268ICC400	PR069807.D	20 Dec 2024 20:41	AJMA	Ok,M
41	AR1268ICC800	PR069808.D	20 Dec 2024 20:56	AJMA	Ok,M
42	AR1268ICC1600	PR069809.D	20 Dec 2024 21:11	AJMA	Ok,M
43	AIBLK068	PR069810.D	20 Dec 2024 21:26	AJMA	Ok
44	AR1660CCC400	PR069811.D	20 Dec 2024 21:40	AJMA	Ok

Instrument ID: ECD_R

Daily Analysis Runlog For Sequence/QC Batch ID # PR122024

Review By	yogesh	Review On	12/23/2024 9:18:16 AM
Supervise By	mohammad	Supervise On	12/25/2024 4:12:50 AM
SubDirectory	PR122024	HP Acquire Method	HP Processing Method PR122024CLP
STD. NAME	STD REF.#		
Tune/Reschk	PP24020,PP24019,PP24018,PP24017,PP24016,PP24025,PP24024,PP24023,PP24022,PP24021,PP24030,PP24029,PP24028,PP24027,PP24026,PP24035,PP24034,PP24033,PP24032,PP24031,PP24040,PP24039,PP24038,PP24037,PP24036,PP24045,PP24044,PP24043,PP24042,PP24041,PP24050,PP24049,PP24048,PP24047,PP24046,PP24055,PP24054,PP24053,PP24052,PP24051		
Initial Calibration Stds			
CCC			
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard	PP24018,PP24023,PP24028,PP24033,PP24038,PP24043,PP24048,PP24053		

45	AR1242CCC400	PR069812.D	20 Dec 2024 21:55	AJMA	Ok
46	AR1248CCC400	PR069813.D	20 Dec 2024 22:10	AJMA	Ok
47	AR1254CCC400	PR069814.D	20 Dec 2024 22:25	AJMA	Ok
48	PP24094	PR069815.D	20 Dec 2024 22:39	AJMA	Ok
49	P5265-18DL	PR069816.D	20 Dec 2024 22:54	AJMA	Not Ok
50	P5265-18DL2	PR069817.D	20 Dec 2024 23:23	AJMA	Not Ok
51	AIBLK069	PR069818.D	21 Dec 2024 00:08	AJMA	Ok
52	AR1660CCC400	PR069819.D	21 Dec 2024 00:22	AJMA	Ok
53	AR1242CCC400	PR069820.D	21 Dec 2024 00:37	AJMA	Ok
54	AR1248CCC400	PR069821.D	21 Dec 2024 00:52	AJMA	Ok
55	AR1254CCC400	PR069822.D	21 Dec 2024 01:07	AJMA	Ok

M : Manual Integration

Instrument ID: ECD_R

Daily Analysis Runlog For Sequence/QC Batch ID # PR011425

Review By	yogesh	Review On	1/15/2025 7:41:20 AM
Supervise By	Ankita	Supervise On	1/15/2025 7:45:55 AM
SubDirectory	PR011425	HP Acquire Method	HP Processing Method PR122024
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24020,PP24019,PP24018,PP24017,PP24016,PP24025,PP24024,PP24023,PP24022,PP24021,PP24030,PP24029,PP24028,PP24027,PP24026,PP24035,PP24034,PP24033,PP24032,PP24031,PP24040,PP24039,PP24038,PP24037,PP24036,PP24045,PP24044,PP24043,PP24042,PP24041,PP24050,PP24049,PP24048,PP24047,PP24046,PP24055,PP24054,PP24053,PP24052,PP24051		
CCC	PP24018,PP24023,PP24028,PP24033,PP24038,PP24043,PP24048,PP24053		
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PR069962.D	14 Jan 2025 11:17	AJMA	Ok
2	AIBLK082	PR069963.D	14 Jan 2025 11:32	AJMA	Ok
3	AR1660CCC400	PR069964.D	14 Jan 2025 11:46	AJMA	Ok
4	Q1060-13	PR069965.D	14 Jan 2025 12:01	AJMA	Ok
5	Q1060-14	PR069966.D	14 Jan 2025 12:16	AJMA	Ok
6	AIBLK083	PR069967.D	14 Jan 2025 12:30	AJMA	Ok
7	AR1660CCC400	PR069968.D	14 Jan 2025 12:45	AJMA	Ok

M : Manual Integration

Instrument ID: ECD_R

Daily Analysis Runlog For Sequence/QC Batch ID # PR122024

Review By	yogesh	Review On	12/23/2024 9:18:16 AM
Supervise By	mohammad	Supervise On	12/25/2024 4:12:50 AM
SubDirectory	PR122024	HP Acquire Method	HP Processing Method PR122024CLP

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24020,PP24019,PP24018,PP24017,PP24016,PP24025,PP24024,PP24023,PP24022,PP24021,PP24030,PP24029,PP24028,PP24027,PP24026,P P24035,PP24034,PP24033,PP24032,PP24031,PP24040,PP24039,PP24038,PP24037,PP24036,PP24045,PP24044,PP24043,PP24042,PP24041,PP 24050,PP24049,PP24048,PP24047,PP24046,PP24055,PP24054,PP24053,PP24052,PP24051 PP24018,PP24023,PP24028,PP24033,PP24038,PP24043,PP24048,PP24053

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PR069768.D	20 Dec 2024 11:09		AJMA	Ok
2	AIBLK067	AIBLK138	PR069769.D	20 Dec 2024 11:23		AJMA	Ok
3	AR1660ICC100	AR16601234	PR069770.D	20 Dec 2024 11:38		AJMA	Ok
4	AR1660ICC200	AR16602235	PR069771.D	20 Dec 2024 11:52		AJMA	Ok,M
5	AR1660ICC400	AR16603236	PR069772.D	20 Dec 2024 12:07		AJMA	Ok
6	AR1660ICC800	AR16604237	PR069773.D	20 Dec 2024 12:22		AJMA	Ok
7	AR1660ICC1600	AR16605238	PR069774.D	20 Dec 2024 12:37		AJMA	Ok
8	AR1221ICC100	AR12211239	PR069775.D	20 Dec 2024 12:51		AJMA	Ok
9	AR1221ICC200	AR12212240	PR069776.D	20 Dec 2024 13:06		AJMA	Ok
10	AR1221ICC400	AR12213241	PR069777.D	20 Dec 2024 13:21		AJMA	Ok
11	AR1221ICC800	AR12214242	PR069778.D	20 Dec 2024 13:35		AJMA	Ok
12	AR1221ICC1600	AR12215243	PR069779.D	20 Dec 2024 13:50		AJMA	Ok
13	AR1232ICC100	AR12321244	PR069780.D	20 Dec 2024 14:05		AJMA	Ok
14	AR1232ICC200	AR12322245	PR069781.D	20 Dec 2024 14:19		AJMA	Ok
15	AR1232ICC400	AR12323246	PR069782.D	20 Dec 2024 14:34		AJMA	Ok
16	AR1232ICC800	AR12324247	PR069783.D	20 Dec 2024 14:49		AJMA	Ok
17	AR1232ICC1600	AR12325248	PR069784.D	20 Dec 2024 15:03		AJMA	Ok
18	AR1242ICC100	AR12421249	PR069785.D	20 Dec 2024 15:18		AJMA	Ok

Instrument ID: ECD_R

Daily Analysis Runlog For Sequence/QC Batch ID # PR122024

Review By	yogesh	Review On	12/23/2024 9:18:16 AM
Supervise By	mohammad	Supervise On	12/25/2024 4:12:50 AM
SubDirectory	PR122024	HP Acquire Method	HP Processing Method PR122024CLP
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24020,PP24019,PP24018,PP24017,PP24016,PP24025,PP24024,PP24023,PP24022,PP24021,PP24030,PP24029,PP24028,PP24027,PP24026,PP24035,PP24034,PP24033,PP24032,PP24031,PP24040,PP24039,PP24038,PP24037,PP24036,PP24045,PP24044,PP24043,PP24042,PP24041,PP24050,PP24049,PP24048,PP24047,PP24046,PP24055,PP24054,PP24053,PP24052,PP24051 PP24018,PP24023,PP24028,PP24033,PP24038,PP24043,PP24048,PP24053		

19	AR1242ICC200	AR12422250	PR069786.D	20 Dec 2024 15:33		AJMA	Ok
20	AR1242ICC400	AR12423201	PR069787.D	20 Dec 2024 15:48		AJMA	Ok
21	AR1242ICC800	AR12424202	PR069788.D	20 Dec 2024 16:02		AJMA	Ok
22	AR1242ICC1600	AR12425203	PR069789.D	20 Dec 2024 16:17		AJMA	Ok
23	AR1248ICC100	AR12481204	PR069790.D	20 Dec 2024 16:32		AJMA	Ok
24	AR1248ICC200	AR12482205	PR069791.D	20 Dec 2024 16:46		AJMA	Ok
25	AR1248ICC400	AR12483206	PR069792.D	20 Dec 2024 17:01		AJMA	Ok
26	AR1248ICC800	AR12484207	PR069793.D	20 Dec 2024 17:16		AJMA	Ok
27	AR1248ICC1600	AR12485208	PR069794.D	20 Dec 2024 17:30		AJMA	Ok
28	AR1254ICC100	AR12541209	PR069795.D	20 Dec 2024 17:45		AJMA	Ok
29	AR1254ICC200	AR12542210	PR069796.D	20 Dec 2024 18:00		AJMA	Ok
30	AR1254ICC400	AR12543211	PR069797.D	20 Dec 2024 18:15		AJMA	Ok
31	AR1254ICC800	AR12544212	PR069798.D	20 Dec 2024 18:29		AJMA	Ok
32	AR1254ICC1600	AR12545213	PR069799.D	20 Dec 2024 18:44		AJMA	Ok
33	AR1262ICC100	AR12621214	PR069800.D	20 Dec 2024 18:59		AJMA	Ok,M
34	AR1262ICC200	AR12622215	PR069801.D	20 Dec 2024 19:13		AJMA	Ok,M
35	AR1262ICC400	AR12623216	PR069802.D	20 Dec 2024 19:28		AJMA	Ok,M
36	AR1262ICC800	AR12624217	PR069803.D	20 Dec 2024 19:43		AJMA	Ok,M
37	AR1262ICC1600	AR12625218	PR069804.D	20 Dec 2024 19:57		AJMA	Ok,M

Instrument ID: ECD_R

Daily Analysis Runlog For Sequence/QC Batch ID # PR122024

Review By	yogesh	Review On	12/23/2024 9:18:16 AM
Supervise By	mohammad	Supervise On	12/25/2024 4:12:50 AM
SubDirectory	PR122024	HP Acquire Method	HP Processing Method PR122024CLP
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24020,PP24019,PP24018,PP24017,PP24016,PP24025,PP24024,PP24023,PP24022,PP24021,PP24030,PP24029,PP24028,PP24027,PP24026,PP24035,PP24034,PP24033,PP24032,PP24031,PP24040,PP24039,PP24038,PP24037,PP24036,PP24045,PP24044,PP24043,PP24042,PP24041,PP24050,PP24049,PP24048,PP24047,PP24046,PP24055,PP24054,PP24053,PP24052,PP24051 PP24018,PP24023,PP24028,PP24033,PP24038,PP24043,PP24048,PP24053		

38	AR1268ICC100	AR12681219	PR069805.D	20 Dec 2024 20:12		AJMA	Ok,M
39	AR1268ICC200	AR12682220	PR069806.D	20 Dec 2024 20:27		AJMA	Ok,M
40	AR1268ICC400	AR12683221	PR069807.D	20 Dec 2024 20:41		AJMA	Ok,M
41	AR1268ICC800	AR12684222	PR069808.D	20 Dec 2024 20:56		AJMA	Ok,M
42	AR1268ICC1600	AR12685223	PR069809.D	20 Dec 2024 21:11		AJMA	Ok,M
43	AIBLK068	AIBLK139	PR069810.D	20 Dec 2024 21:26		AJMA	Ok
44	AR1660CCC400	AR16603338	PR069811.D	20 Dec 2024 21:40		AJMA	Ok
45	AR1242CCC400	AR12423339	PR069812.D	20 Dec 2024 21:55		AJMA	Ok
46	AR1248CCC400	AR12483340	PR069813.D	20 Dec 2024 22:10		AJMA	Ok
47	AR1254CCC400	AR12543341	PR069814.D	20 Dec 2024 22:25		AJMA	Ok
48	PP24094	PP24094	PR069815.D	20 Dec 2024 22:39		AJMA	Ok
49	P5265-18DL	E2903DL	PR069816.D	20 Dec 2024 22:54	AR1242 Hit, AR1254 Hit, AR1260 Hit, Need dilution	AJMA	Not Ok
50	P5265-18DL2	E2903DL2	PR069817.D	20 Dec 2024 23:23	AR1242 Hit, AR1254 Hit, AR1260 Hit, Need dilution,	AJMA	Not Ok
51	AIBLK069	AIBLK140	PR069818.D	21 Dec 2024 00:08		AJMA	Ok
52	AR1660CCC400	AR16603342	PR069819.D	21 Dec 2024 00:22		AJMA	Ok
53	AR1242CCC400	AR12423343	PR069820.D	21 Dec 2024 00:37		AJMA	Ok
54	AR1248CCC400	AR12483344	PR069821.D	21 Dec 2024 00:52		AJMA	Ok
55	AR1254CCC400	AR12543345	PR069822.D	21 Dec 2024 01:07		AJMA	Ok

M : Manual Integration

Instrument ID: ECD_R

Daily Analysis Runlog For Sequence/QC Batch ID # PR011425

Review By	yogesh	Review On	1/15/2025 7:41:20 AM
Supervise By	Ankita	Supervise On	1/15/2025 7:45:55 AM
SubDirectory	PR011425	HP Acquire Method	HP Processing Method PR122024
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24020,PP24019,PP24018,PP24017,PP24016,PP24025,PP24024,PP24023,PP24022,PP24021,PP24030,PP24029,PP24028,PP24027,PP24026,P P24035,PP24034,PP24033,PP24032,PP24031,PP24040,PP24039,PP24038,PP24037,PP24036,PP24045,PP24044,PP24043,PP24042,PP24041,PP 24050,PP24049,PP24048,PP24047,PP24046,PP24055,PP24054,PP24053,PP24052,PP24051		
CCC	PP24018,PP24023,PP24028,PP24033,PP24038,PP24043,PP24048,PP24053		
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PR069962.D	14 Jan 2025 11:17		AJMA	Ok
2	AIBLK082	AIBLK154	PR069963.D	14 Jan 2025 11:32		AJMA	Ok
3	AR1660CCC400	AR16603297	PR069964.D	14 Jan 2025 11:46		AJMA	Ok
4	Q1060-13	PCB-GPC2-BLANK	PR069965.D	14 Jan 2025 12:01		AJMA	Ok
5	Q1060-14	PCB-GPC2-BLANK-SP	PR069966.D	14 Jan 2025 12:16		AJMA	Ok
6	AIBLK083	AIBLK155	PR069967.D	14 Jan 2025 12:30		AJMA	Ok
7	AR1660CCC400	AR16603298	PR069968.D	14 Jan 2025 12:45		AJMA	Ok

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 1/13/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 16:30
In Date: 01/10/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:00
Out Date: 01/11/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB134230

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q1060-05	SVOC-GPC-BLANK	1	1.00	1.00	2.00	2.00	100.0	
Q1060-06	PEST-GPC-BLANK	2	1.00	1.00	2.00	2.00	100.0	
Q1060-07	PEST-GPC-BLANK-SPIKE	3	1.00	1.00	2.00	2.00	100.0	
Q1060-08	PCB-GPC-BLANK	4	1.00	1.00	2.00	2.00	100.0	
Q1060-09	PCB-GPC-BLANK-SPIKE	5	1.00	1.00	2.00	2.00	100.0	
Q1060-10	SVOC-GPC2-BLANK	6	1.00	1.00	2.00	2.00	100.0	
Q1060-11	PEST-GPC2-BLANK	7	1.00	1.00	2.00	2.00	100.0	
Q1060-12	PEST-GPC2-BLANK-SPIKE	8	1.00	1.00	2.00	2.00	100.0	
Q1060-13	PCB-GPC2-BLANK	9	1.00	1.00	2.00	2.00	100.0	
Q1060-14	PCB-GPC2-BLANK-SPIKE	10	1.00	1.00	2.00	2.00	100.0	
Q1064-01	LAW-25-0003	11	1.14	8.60	9.74	8.75	88.5	
Q1065-01	MOO-25-0002	12	1.00	1.00	2.00	2.00	100.0	debris
Q1067-01	PIPE-1	13	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1067-02	PIPE-2	14	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1067-03	PIPE-3	15	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1068-01	TR-06-1-10-2025	16	1.15	8.84	9.99	9.15	90.5	
Q1068-02	TR-06-1-10-2025	17	1.15	8.84	9.99	9.15	90.5	
Q1068-03	TR-06-1-10-2025	18	1.19	8.70	9.89	9.03	90.1	
Q1069-01	RW7B-CARBON-20250109	19	1.17	8.65	9.82	5.98	55.6	

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

WORKLIST(Hardcopy Internal Chain)

134230

WorkList Name : %1-011025 WorkList ID : 186855 Department : Wet-Chemistry Date : 01-10-2025 08:31:51

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1060-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	M11	01/10/2025	Chemtech -SO
Q1060-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	M11	01/10/2025	Chemtech -SO
Q1060-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	M11	01/10/2025	Chemtech -SO
Q1060-08	PCB-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	M11	01/10/2025	Chemtech -SO
Q1060-09	PCB-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	M11	01/10/2025	Chemtech -SO
Q1060-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	M11	01/10/2025	Chemtech -SO
Q1060-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	M11	01/10/2025	Chemtech -SO
Q1060-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	M11	01/10/2025	Chemtech -SO
Q1060-13	PCB-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	M11	01/10/2025	Chemtech -SO
Q1060-14	PCB-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	M11	01/10/2025	Chemtech -SO
Q1064-01	LAW-25-0003	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	01/10/2025	Chemtech -SO
Q1065-01	MOO-25-0002	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	01/10/2025	Chemtech -SO
Q1067-01	PIPE-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	01/10/2025	Chemtech -SO
Q1067-02	PIPE-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	01/10/2025	Chemtech -SO
Q1067-03	PIPE-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	01/10/2025	Chemtech -SO
Q1068-01	TR-06-1-10-2025	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	01/10/2025	Chemtech -SO
Q1068-02	TR-06-1-10-2025	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	01/10/2025	Chemtech -SO
Q1068-03	TR-06-1-10-2025	Solid	Percent Solids	Cool 4 deg C	PSEG03	M11	01/10/2025	Chemtech -SO
Q1069-01	RW7B-CARBON-20250109	Solid	Percent Solids	Cool 4 deg C	TETR06	M11	01/09/2025	Chemtech -SO

Date/Time 01-10-25 15:30

Raw Sample Received by: SSW

Raw Sample Relinquished by: SSW

Date/Time 01-10-25

Raw Sample Received by: SSW

Raw Sample Relinquished by: SSW

SOP ID: M3665A-Sulfuric Acid Cleanup-7, MSFAM01.1-Sample Prep-3

Clean Up SOP #: GPC Cleanup, Acid Cleanup

Extraction Start Date : 01/13/2025

Matrix : Solid

Extraction Start Time : 10:38

Weigh By: N/A

Extraction By: N/A

Extraction End Date : 01/14/2025

Balance check: RJ

Filter By: N/A

Extraction End Time : 09:25

Balance ID: EX-SC-2

pH Meter ID: N/A

Concentration By: EH

pH Strip Lot#: N/A

Hood ID: 3,6,7

Supervisor By : rajesh

Extraction Method: ☐ Separatory Funnel

☐ Continuous Liquid/Liquid

☐ Sonication

☐ Waste Dilution

☒ Soxhlet

Standardized Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
GPC Pcb Spike	10.0ML	400 PPB	PP23908
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

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2578
Baked Na2SO4	N/A	EP2577
Hexane	N/A	E3847
H2SO4 1:1	N/A	EP2565
Methylene Chloride	N/A	E3848
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:

No Extraction only GPC Check prepared.

KD Bath ID: Water bath -01

Envap ID: NEVAP-02

KD Bath Temperature: 60 °C

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
01/14/25	RP (E.H. 2 Lab)	AJIR-ST PAB Lab
9:30	Preparation Group	Analysis Group

Analytical Method: M3665A-Sulfuric Acid Cleanup-7, MSFAM01.1-Sample Prep-3

Concentration Date: 01/14/2025

Sample ID	Client Sample ID	Test	g / <u>ML</u>	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
Q1060-13	PCB-GPC2-BLANK	PCB	10.0	N/A	RUPESH	rajesh	5			
Q1060-14	PCB-GPC2-BLANK-SPIKE	PCB	10.0	N/A	RUPESH	rajesh	5			

* Extracts relinquished on the same date as received.

2
1/14/25

WORKLIST(Hardcopy Internal Chain)

Worklist Name : Q1060

Worklist ID : 186892

Department : Extraction

Date : 01-13-2025 10:35:15

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1060-10	SVOC-GPC2-BLANK	Solid	SVOC-Chemtech Full -25	Cool 4 deg C	CHEM02	M11	01/10/2025	SFAM_SVOC
Q1060-11	PEST-GPC2-BLANK	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	M11	01/10/2025	SFAM_PEST
Q1060-12	PEST-GPC2-BLANK-SPIKE	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	M11	01/10/2025	SFAM_PEST
Q1060-13	PCB-GPC2-BLANK	Solid	PCB	Cool 4 deg C	CHEM02	M11	01/10/2025	SFAM_PCB
Q1060-14	PCB-GPC2-BLANK-SPIKE	Solid	PCB	Cool 4 deg C	CHEM02	M11	01/10/2025	SFAM_PCB

Date/Time 01/13/25 10:35 HB
 Raw Sample Received by: RS (Set 1 only)
 Raw Sample Relinquished by: SA

Date/Time 01/13/25 10:35 SA
 Raw Sample Received by: RS (Set 1 only)
 Raw Sample Relinquished by: SA



SHIPPING DOCUMENTS

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

Chemtech Project Number

Q1060

COC Number

CLIENT INFORMATION

PROJECT INFORMATION

BILLING INFORMATION

Report to be sent to:
COMPANY: Chemtech
ADDRESS: 284 Sheffield Street
CITY: Mountainside STATE: NJ ZIP: 08816
ATTENTION: QA Officer
PHONE: (908) 789-8900 FAX: (908) 789-8922

PROJECT NAME: Weekly Storage Blanks
PROJECT #: LOCATION: NJ
PROJECT MANAGER:
E-MAIL:
PHONE: FAX:

BILL TO: Same
ADDRESS:
CITY: STATE: ZIP:
ATTENTION:
PHONE:

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

ANALYSIS

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

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

VOC: 8 in 10 min
2. SVOC: 8 in 10 min
3. Pesticides: 25 min
4. PCB
5. PCB
6. PCB
7. PCB
8. PCB
9. PCB

CHEMTECH
SAMPLE
ID

PROJECT
SAMPLE IDENTIFICATION

SAMPLE
MATRIX

SAMPLE
TYPE

SAMPLE
COLLECTION

of Bottles

A/E

PRESERVATIVES

COMMENTS

1. Storage-Blank-SOTL-REF-6
2. Storage-Blank-WATER-REF-5
3. Storage-Blank-WATER-REF-4
4. Storage-Blank-SAMPLE-MANAGEMENT
5. SVOC-GPC-BLANK
6. PEST-GPC-BLANK
7. PEST-GPC-BLANK-SPIKE
8. PCB-GPC-BLANK
9. PCB-GPC-BLANK-SPIKE
10. SVOC-GPC2-BLANK

AQ

AQ

AQ

AQ

SO

SO

SO

SO

SO

SO

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Specify Preservatives
A-HCl D-NaOH
B-HNO3 E-ICE
C-H2SO4 F-OTHER

RELINQUISHED BY SAMPLER

DATE/TIME

RECEIVED BY

1. Sam

01/10/23

1.

RELINQUISHED BY

DATE/TIME

RECEIVED BY

2.

DATE/TIME

RECEIVED BY

RELINQUISHED BY

DATE/TIME

RECEIVED FOR LAB BY

3.

DATE/TIME

RECEIVED BY

Conditions of bottles or casks at receipt: COMPLAINT ☐ NON COMPLAINT ☐ COOLER TEMP 6.0

Comments:

Page 1 of 2

CLIENT: ☐ Hand Delivered ☐ Other:
CHEMTECH: ☐ Picked Up

Shipment Complete
YES ☒ NO ☐

10/2018

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT

YELLOW - CHEMTECH COPY

PINK - SAMPLER COPY

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtek.com

www.chemtech.net

Chemtech Project Number

COC Number

Q 10.60

CLIENT INFORMATION

Report to be sent to:

Report to be sent to:

COMPANY: CHEMTECH
ADDRESS: 284 S. 9th Street
CITY: Mount Pleasant STATE: AL ZIP: 36092
ATTENTION: QA Officer
PHONE: 908-749-8800 FAX: 908-749-8955
DATA TRANSMISSION

PROJECT INFORMATION

PROJECT INFORMATION

PROJECT NAME: Weekly Storage Blanket

PROJECT #: _____

PROJECT MANAGER: _____

LOCATION: AET

E-MAIL: _____

PHONE: _____

BILLING INFORMATION

SELLING INFORMATION

BILL TO: **SAME**

ADDRESS: _____ POS _____

CITY: _____

ATTENTION: _____ STATE _____ ZIP _____

PHONE: _____

DATA TURNAROUND INFORMATION

BACKGROUND INFORMATION

FAX (PHONE) _____

HARD COPY (DATA PACKAGE): _____

ED: _____ DAYS

TO BE APPROVED BY CHEMTECH _____ DAYS

STANDARD RATE _____ DAYS

DATA DELIVERABLE
INFORMATION

☐ Level 1 (Results Only)
☐ Level 2 (Results) + CC
☐ Level 3 (Results) + CC +
 Plan Data
☐ EDD FGMAT

☐ Level 4 (CC + Full Plan Data)
☐ NJ Ranked
☐ NYS ASP A
☐ Other

☐ LIEAPG.F
☐ NYS ASP B

ANALYSIS

ANALYSIS

1697 PRESERVATIVES

COMMENTS

Specify Reagents

A-HCl	D-NaOH
B-HNO ₃	E-ICE
C-H ₂ SO ₄	F-OTHER

SAMPLE IDENTIFICATION		SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		VOLUME	PRESERVATIVES										COMMENTS ← Specify Preservatives A-HCl D-NH ₄ B-HNO ₃ E-ICE C-H ₂ SO ₄ F-OTHER
1.	2.		COND	PH	DATE	TIME		1	2	3	4	5	6	7	8	9		
1.	PEST-GR2-BLANK	SO		X			1											
2.	PEST-GR2-BLANK-SPIKE	SO		X			1			X								
3.	PCB-GR2-BLANK	SO		X			1			X								
4.	PCB-GR2-BLANK-SPIKE	SO		X			1				X							
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		

RECEIVED BY
SEM

DATE/TIME
01/16/25

RECEIVED BY
1.

DATE/TIME

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

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

SAMPLE	DATE/TIME	RECEIVED BY
1	01/10/25	1.
	DATE/TIME	RECEIVED BY
		2.

Condition of bottles at receipt of sample

Comments: ☒ COMPLAINT ☐ NON COMPLAINT ☐ COUNTER

Conditions of receipt of carrier at receipt: ☒ COMPLAINT ☐ NON COMPLAINT ☐ COOLER TEMP

60

RECEIVED BY		DATE/TIME	RECEIVED BY
1. <i>Sherm</i>		<i>01/10/25</i>	1.
2.			2.
3.			3.

10/2018

Page 2 of 2

CLIENT: ☐ Hand Delivered ☐ Other:
CHEMTECH: ☒ Picked Up

Shipment Complete
☒ YES ☐ NO

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT

YELLOW - CHEMTech COPY

PINK - SAMPLER COPY



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