

DATA REPORTING QUALIFIERS- ORGANIC

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

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

LAB CHRONICLE

OrderID:	P4779	OrderDate:	11/8/2024 10:38:00 AM
Client:	CHA Companies, Inc.	Project:	HRPC
Contact:	Scott Smith	Location:	L31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4779-01	SOIL-01	SOIL	PCB	8082A	11/07/24	11/11/24	11/11/24	11/08/24



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

Hit Summary Sheet
SW-846

SDG No.: P4779

Order ID: P4779

Client: CHA Companies, Inc.

Project ID: HRPC

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

Total Concentration: 0.000



QC SUMMARY

Surrogate Summary

SDG No.: P4779

Client: CHA Companies, Inc.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PP068360.D	PIBLK-PP068360.D	Tetrachloro-m-xylene	1	20	21.0	105		60	140
		Decachlorobiphenyl	1	20	23.4	117		60	140
		Tetrachloro-m-xylene	2	20	21.6	108		60	140
		Decachlorobiphenyl	2	20	23.6	118		60	140
I.BLK-PP068399.D	PIBLK-PP068399.D	Tetrachloro-m-xylene	1	20	22.1	110		60	140
		Decachlorobiphenyl	1	20	23.3	117		60	140
		Tetrachloro-m-xylene	2	20	21.7	109		60	140
		Decachlorobiphenyl	2	20	23.9	120		60	140
PB164860BL	PB164860BL	Tetrachloro-m-xylene	1	20	19.7	98		32	144
		Decachlorobiphenyl	1	20	18.4	92		32	175
		Tetrachloro-m-xylene	2	20	20.4	102		32	144
		Decachlorobiphenyl	2	20	18.3	91		32	175
PB164860BS	PB164860BS	Tetrachloro-m-xylene	1	20	20.7	103		32	144
		Decachlorobiphenyl	1	20	19.0	95		32	175
		Tetrachloro-m-xylene	2	20	21.8	109		32	144
		Decachlorobiphenyl	2	20	20.2	101		32	175
P4779-01	SOIL-01	Tetrachloro-m-xylene	1	20	20.5	103		32	144
		Decachlorobiphenyl	1	20	23.0	115		32	175
		Tetrachloro-m-xylene	2	20	19.7	99		32	144
		Decachlorobiphenyl	2	20	22.7	114		32	175
I.BLK-PP068414.D	PIBLK-PP068414.D	Tetrachloro-m-xylene	1	20	21.6	108		60	140
		Decachlorobiphenyl	1	20	22.7	113		60	140
		Tetrachloro-m-xylene	2	20	21.9	109		60	140
		Decachlorobiphenyl	2	20	23.3	117		60	140
P4789-01MS	BP-F21MS	Tetrachloro-m-xylene	1	20	24.5	123		32	144
		Decachlorobiphenyl	1	20	22.5	113		32	175
		Tetrachloro-m-xylene	2	20	23.2	116		32	144
		Decachlorobiphenyl	2	20	23.1	115		32	175
P4789-01MSD	BP-F21MSD	Tetrachloro-m-xylene	1	20	24.7	124		32	144
		Decachlorobiphenyl	1	20	22.9	114		32	175
		Tetrachloro-m-xylene	2	20	25.2	126		32	144
		Decachlorobiphenyl	2	20	22.9	114		32	175
I.BLK-PP068429.D	PIBLK-PP068429.D	Tetrachloro-m-xylene	1	20	21.8	109		60	140
		Decachlorobiphenyl	1	20	22.2	111		60	140
		Tetrachloro-m-xylene	2	20	22.3	111		60	140
		Decachlorobiphenyl	2	20	23.0	115		60	140

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4779

Client: CHA Companies, Inc.

Analytical Method: 8082A

DataFile : PP068417.D

Lab Sample ID:	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	RPD
			Result	Result			Qual	RPD	Qual	Low	High	
Client Sample ID: P4789-01MS	BP-F21MS											
	AR1016	185.5	0	200	ug/kg	108				55	146	
	AR1260	185.5	0	181	ug/kg	98				45	144	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4779

Client: CHA Companies, Inc.

Analytical Method: 8082A

DataFile : PP068418.D

Lab Sample ID:	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	RPD
			Result	Result			Qual	RPD	Qual	Low	High	
Client Sample ID: P4789-01MSD	BP-F21MSD											
	AR1016	185.6	0	202	ug/kg	109		1		55	146	20
	AR1260	185.6	0	182	ug/kg	98		0		45	144	20



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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4779

Client: CHA Companies, Inc.

Analytical Method: **8082A** **Datafile :** PP068405.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB164860BS	AR1016	166.6	147	ug/kg	88				71	120	
	AR1260	166.6	133	ug/kg	80				65	130	

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164860BL

Lab Name: CHEMTECH

Contract: CLOU03

Lab Code: CHEM Case No.: P4779

SAS No.: P4779 SDG NO.: P4779

Lab Sample ID: PB164860BL

Lab File ID: PP068404.D

Matrix: (soil/water) Solid

Extraction: (Type) _____

Sulfur Cleanup: (Y/N) N

Date Extracted: 11/11/2024

Date Analyzed (1): 11/11/2024

Date Analyzed (2): 11/11/2024

Time Analyzed (1): 12:21

Time Analyzed (2): 12:21

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

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

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB164860BS	PB164860BS	PP068405.D	11/11/2024	11/11/2024
SOIL-01	P4779-01	PP068406.D	11/11/2024	11/11/2024
BP-F21MS	P4789-01MS	PP068417.D	11/11/2024	11/11/2024
BP-F21MSD	P4789-01MSD	PP068418.D	11/11/2024	11/11/2024

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	11/07/24
Project:	HRPC	Date Received:	11/08/24
Client Sample ID:	SOIL-01	SDG No.:	P4779
Lab Sample ID:	P4779-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	96.8
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP068406.D	1	11/11/24 08:30	11/11/24 12:54	PB164860

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.50	U	3.50	17.5	ug/kg
11104-28-2	Aroclor-1221	6.60	U	6.60	17.5	ug/kg
11141-16-5	Aroclor-1232	3.50	U	3.50	17.5	ug/kg
53469-21-9	Aroclor-1242	3.50	U	3.50	17.5	ug/kg
12672-29-6	Aroclor-1248	8.10	U	8.10	17.5	ug/kg
11097-69-1	Aroclor-1254	2.80	U	2.80	17.5	ug/kg
37324-23-5	Aroclor-1262	4.70	U	4.70	17.5	ug/kg
11100-14-4	Aroclor-1268	3.50	U	3.50	17.5	ug/kg
11096-82-5	Aroclor-1260	3.00	U	3.00	17.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.5		32 - 144	103%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.0		32 - 175	115%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP111124\
 Data File : PP068406.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2024 12:54
 Operator : YP\AJ
 Sample : P4779-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 SOIL-01

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 11 14:03:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 11:04:08 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.758	4.052	19902175	19104970	20.505	19.731
2) SA Decachlor...	10.676	9.212	28743876	25725983	22.968	22.743

Target Compounds

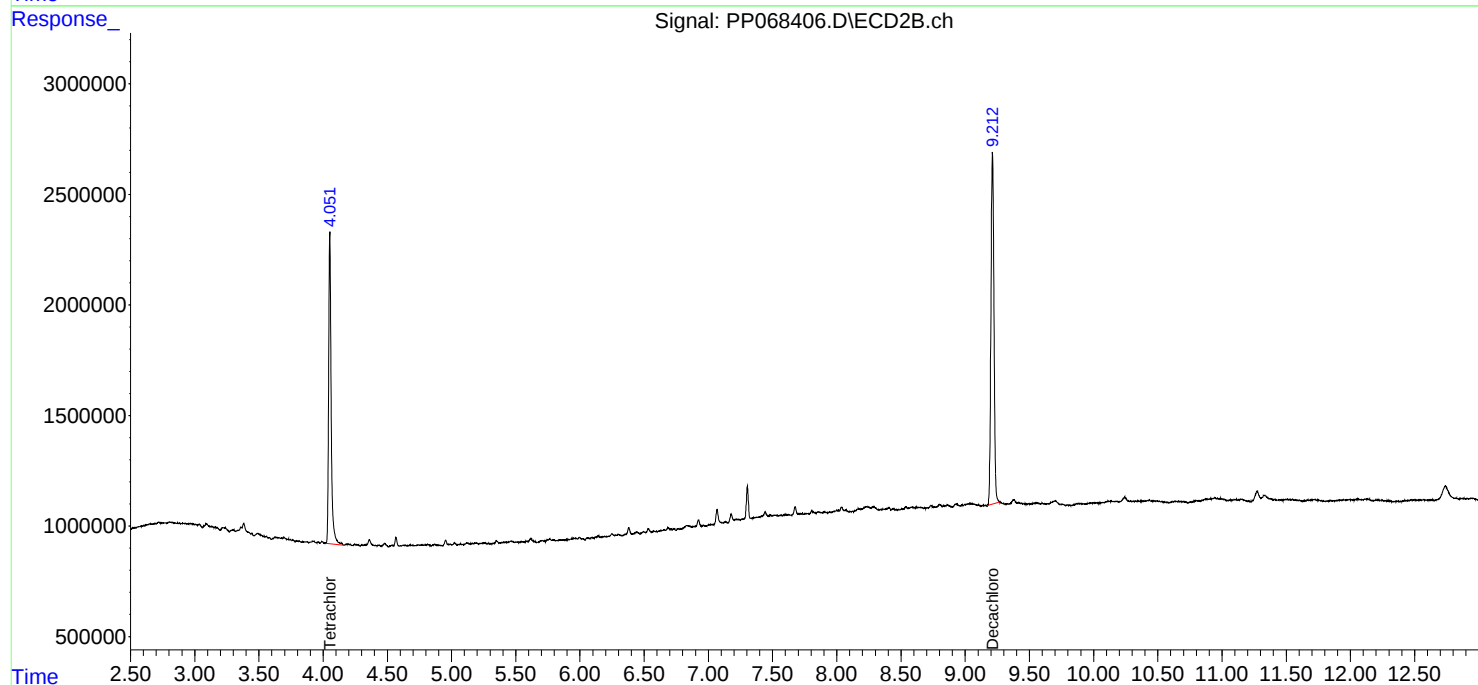
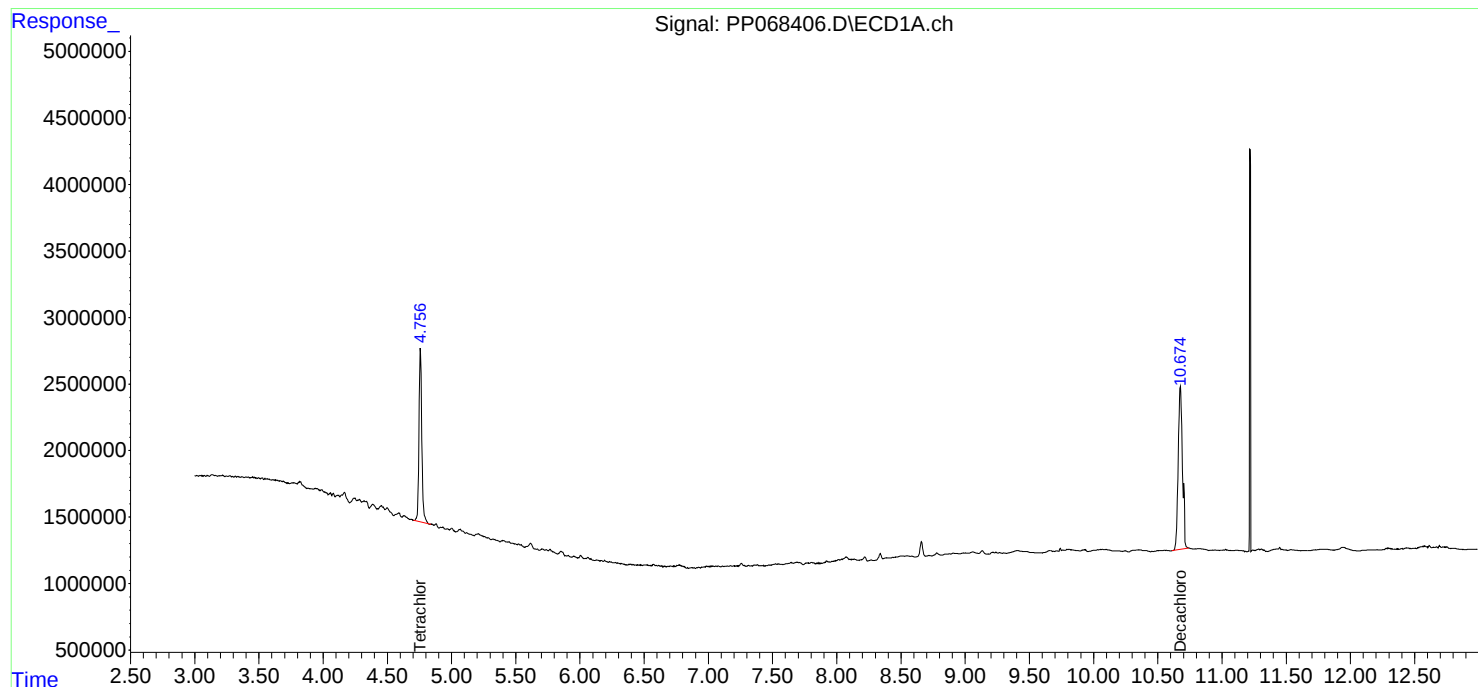
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

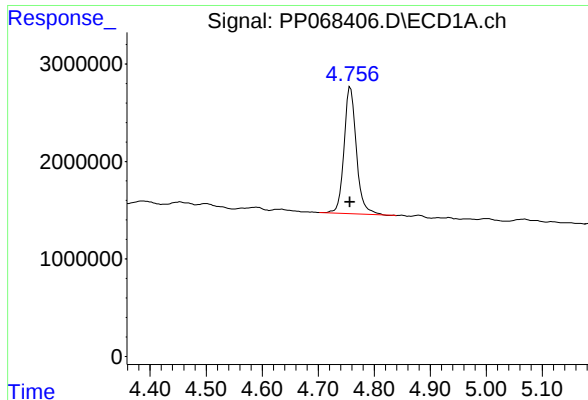
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP111124\
Data File : PP068406.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2024 12:54
Operator : YP\AJ
Sample : P4779-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
SOIL-01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 11 14:03:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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

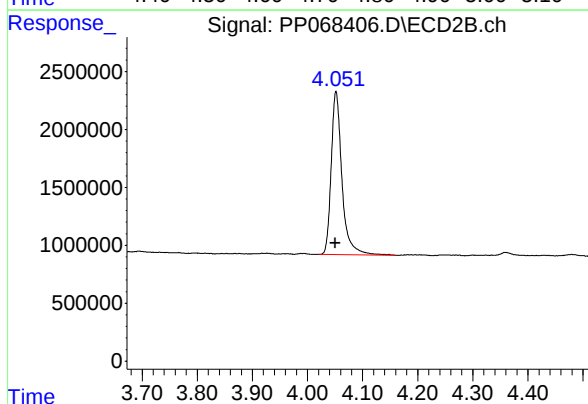




#1 Tetrachloro-m-xylene

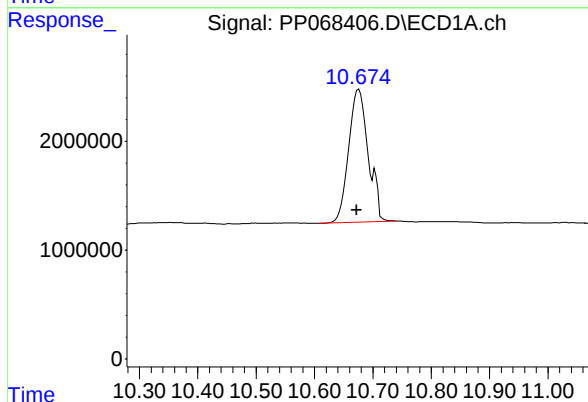
R.T.: 4.758 min
Delta R.T.: 0.000 min
Response: 19902175
Conc: 20.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-01



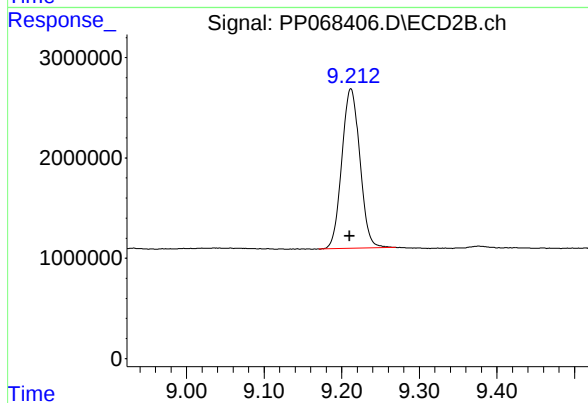
#1 Tetrachloro-m-xylene

R.T.: 4.052 min
Delta R.T.: 0.000 min
Response: 19104970
Conc: 19.73 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.676 min
Delta R.T.: 0.004 min
Response: 28743876
Conc: 22.97 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.212 min
Delta R.T.: 0.002 min
Response: 25725983
Conc: 22.74 ng/ml



CALIBRATION SUMMARY

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Contract: CLOU03

Lab Code: CHEM

Case No.: P4779

SAS No.: P4779

SDG NO.: P4779

Instrument ID: ECD_P

Calibration Date(s):

11/08/2024

11/08/2024

Calibration Times:

02:45

10:39

GC Column: ZB-MR2

ID: 0.32 (mm)

LAB FILE ID:

RT 1000 = PP068361.D

RT 750 = PP068362.D

RT 500 = PP068363.D

RT 250 = PP068364.D

RT 050 = PP068365.D

[illegible]

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CLOU03
Lab Code: CHEM **Case No.:** P4779 **SAS No.:** P4779 **SDG NO.:** P4779
Instrument ID: ECD_P **Calibration Date(s):** 11/08/2024 11/08/2024
Calibration Times: 02:45 10:39
GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID:		CF 1000 = <u>PP068361.D</u>		CF 750 = <u>PP068362.D</u>			
CF 500 = <u>PP068363.D</u>		CF 250 = <u>PP068364.D</u>		CF 050 = <u>PP068365.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	32722878	32987127	36694544	38565352	38710580	35936096
Aroclor-1016-2	(2)	49685960	49794715	54179380	56028812	55062580	52950289
Aroclor-1016-3	(3)	31039806	31308951	31477564	35261268	36454940	33108506
Aroclor-1016-4	(4)	25063539	25553636	26008648	27599052	27185460	26282067
Aroclor-1016-5	(5)	26884732	25863024	29532330	29666960	29092940	28207997
Aroclor-1260-1	(1)	49214333	49857676	55068012	59485260	56895620	54104180
Aroclor-1260-2	(2)	58512720	58794644	61905312	70175200	68666580	63610891
Aroclor-1260-3	(3)	49867434	49696453	52919146	61783152	54693800	53791997
Aroclor-1260-4	(4)	58030307	58392116	61219352	66884816	66613400	62227998
Aroclor-1260-5	(5)	110582405	105927285	110379288	122419072	116614180	113184446
Decachlorobiphenyl		1148744080	1179137973	1231906520	1372184000	1325426000	1251479715
Tetrachloro-m-xylene		976730760	989539880	977459580	1014058520	895270000	970611748
Aroclor-1242-1	(1)	27983462	28943796	29856910	31981108	30602220	29873499
Aroclor-1242-2	(2)	42123278	43550552	43993198	46167728	44675600	44102071
Aroclor-1242-3	(3)	26373595	27535909	27652176	30639224	27091300	27858441
Aroclor-1242-4	(4)	21517643	22331261	22041924	22696804	20812240	21879974
Aroclor-1242-5	(5)	23574356	24961212	24214552	25605828	23046100	24280410
Decachlorobiphenyl		1136957280	1191065427	1253556200	1358666560	1321692600	1252387613
Tetrachloro-m-xylene		992458220	982684227	997132340	1047919280	945647800	993168373
Aroclor-1248-1	(1)	21167087	22295227	23730874	24762524	20866540	22564450
Aroclor-1248-2	(2)	31519452	32630243	34719948	35861524	33321940	33610621
Aroclor-1248-3	(3)	34960996	35667725	37475430	40578268	33895940	36515672
Aroclor-1248-4	(4)	40590754	42179399	43079186	47529360	40549640	42785668
Aroclor-1248-5	(5)	41079234	41993397	42275646	47274032	35073820	41539226
Decachlorobiphenyl		1161914410	1206078453	1287629180	1388690560	1317466800	1272355881
Tetrachloro-m-xylene		965301010	976063867	1045296820	1022231200	905772600	982933099
Aroclor-1254-1	(1)	45656926	46370784	48591708	55398616	63414000	51886407
Aroclor-1254-2	(2)	61419018	62089981	65367616	73235084	79075760	68237492
Aroclor-1254-3	(3)	65006662	66406433	68483584	76667348	80726040	71458013
Aroclor-1254-4	(4)	47495422	48750441	50445040	59112016	63268560	53814296
Aroclor-1254-5	(5)	57629379	58072741	61204598	69375440	67051440	62666720
Decachlorobiphenyl		1183925920	1211314307	1284210900	1390837600	1376990800	1289455905
Tetrachloro-m-xylene		989066910	975183547	996076320	1021088560	988613200	994005707
Aroclor-1268-1	(1)	148554696	149057943	156954174	165835368	151067220	154293880



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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	135127060	135811816	143719574	151054592	134221840	139986976	5
Aroclor-1268-3	(3)	121067798	121993447	126378426	137822256	120978560	125648097	6
Aroclor-1268-4	(4)	55813556	54500479	57743018	60592344	38533680	53436615	16
Aroclor-1268-5	(5)	385860144	385976919	400737274	424727304	387529100	396966148	4
Decachlorobiphenyl		1949212650	1956251560	2086617000	2251184600	2062984000	2061249962	6
Tetrachloro-m-xylene		999802000	981646360	1047559160	988642360	831404200	969810816	8

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CLOU03
Lab Code: CHEM **Case No.:** P4779 **SAS No.:** P4779 **SDG NO.:** P4779
Instrument ID: ECD_P **Calibration Date(s):** 11/08/2024 11/08/2024
Calibration Times: 02:45 10:39

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

LAB FILE ID:		CF 1000 = <u>PP068361.D</u>		CF 750 = <u>PP068362.D</u>			
CF 500 = <u>PP068363.D</u>		CF 250 = <u>PP068364.D</u>		CF 050 = <u>PP068365.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	28675269	31688729	32908702	36316968	35645980	33047130
Aroclor-1016-2	(2)	45372737	44532471	46481004	50131748	47195120	46742616
Aroclor-1016-3	(3)	25581263	25572389	25828308	29036828	29182360	27040230
Aroclor-1016-4	(4)	22022727	22558800	23000164	24742976	25650260	23594985
Aroclor-1016-5	(5)	28396741	28558155	29494206	33716108	28045580	29642158
Aroclor-1260-1	(1)	50792238	51496668	53738098	60629720	61588060	55648957
Aroclor-1260-2	(2)	59992941	60241951	64329398	71848292	74766160	66235748
Aroclor-1260-3	(3)	57127224	57366085	59805332	69966764	65191800	61891441
Aroclor-1260-4	(4)	50380547	50692913	52887170	57961512	51762800	52736988
Aroclor-1260-5	(5)	115281087	113974237	117997240	127736412	120391040	119076003
Decachlorobiphenyl		1067011790	1067726547	1123064240	1231914520	1166184600	1131180339
Tetrachloro-m-xylene		972289500	961505133	979740920	1035015200	892893600	968288871
Aroclor-1242-1	(1)	26036404	26596448	27385734	29619468	29310780	27789767
Aroclor-1242-2	(2)	36827504	37452539	38777442	41146472	38921400	38625071
Aroclor-1242-3	(3)	20664122	20558137	21869512	21695856	21612620	21280049
Aroclor-1242-4	(4)	21373603	21814177	23240642	23847296	23692700	22793684
Aroclor-1242-5	(5)	25609316	26872617	27207498	29810676	27756660	27451353
Decachlorobiphenyl		1071389140	1064856587	1152041260	1195523280	1288478000	1154457653
Tetrachloro-m-xylene		966238420	972029747	979866540	1033639640	930236800	976402229
Aroclor-1248-1	(1)	20444534	20222528	22256466	23287920	23025760	21847442
Aroclor-1248-2	(2)	29533815	29661357	32274092	34842920	33533080	31969053
Aroclor-1248-3	(3)	30992675	31236121	33896722	36614136	34801320	33508195
Aroclor-1248-4	(4)	36032257	36205659	39041408	42885656	39979000	38828796
Aroclor-1248-5	(5)	34550039	34918980	36548116	40687028	38637220	37068277
Decachlorobiphenyl		1075259530	1103159067	1175200200	1246394680	1231284200	1166259535
Tetrachloro-m-xylene		950224170	961311800	990959620	1038390440	915281600	971233526
Aroclor-1254-1	(1)	54665587	57402907	60611942	70904972	59624080	60641898
Aroclor-1254-2	(2)	47820782	49399019	52999540	61073956	52383280	52735315
Aroclor-1254-3	(3)	78076384	79594720	83715772	92115228	82804080	83261237
Aroclor-1254-4	(4)	45870471	47148891	49237464	53498856	47382280	48627592
Aroclor-1254-5	(5)	70292397	70911040	73701438	76415732	81847640	74633649
Decachlorobiphenyl		1101361650	1125516760	1206565780	1266510680	1278915800	1195774134
Tetrachloro-m-xylene		981660810	970989867	1008018320	1038763400	859285200	971743519
Aroclor-1268-1	(1)	151267885	153313264	156262812	163758576	154047820	155730071



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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	137742491	139526981	142805908	148619888	139099220	141558898	3
Aroclor-1268-3	(3)	120301473	122381172	125911066	131464304	122515640	124514731	4
Aroclor-1268-4	(4)	53869021	55184383	57264704	57620508	49083040	54604331	6
Aroclor-1268-5	(5)	373667244	376833208	381941254	387550036	362884280	376575204	2
Decachlorobiphenyl		1822479100	1863575213	1915658760	2051852880	2001053000	1930923791	5
Tetrachloro-m-xylene		973469740	966812560	1002294360	1022455760	875332800	968073044	6



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Fax : 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CLOU03

Lab Code: CHEM Case No.: P4779 SAS No.: P4779 SDG NO.: P4779

Instrument ID: ECD_P Date(s) Analyzed: 11/08/2024 11/08/2024

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.96	4.86	5.06	13562200
		2	5.05	4.95	5.15	10085600
		3	5.13	5.03	5.23	30259800
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	5.12	5.02	5.22	23319600
		2	5.66	5.56	5.76	14954700
		3	5.94	5.84	6.04	25054000
		4	6.11	6.01	6.21	12378200
		5	6.19	6.09	6.29	9944800
Aroclor-1262	500	1	8.38	8.28	8.48	74132800
		2	8.71	8.61	8.81	128999000
		3	9.05	8.95	9.15	95681000
		4	9.15	9.05	9.25	76386800
		5	9.85	9.75	9.95	53482800



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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CLOU03

Lab Code: CHEM Case No.: P4779 SAS No.: P4779 SDG NO.: P4779

Instrument ID: ECD_P Date(s) Analyzed: 11/08/2024 11/08/2024

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.27	4.17	4.37	12610400
		2	4.35	4.25	4.45	9772940
		3	4.43	4.33	4.53	30490800
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.43	4.33	4.53	23601600
		2	5.18	5.08	5.28	21785200
		3	5.36	5.26	5.46	11210600
		4	5.44	5.34	5.54	10956500
		5	5.62	5.52	5.72	12320000
Aroclor-1262	500	1	7.21	7.11	7.31	77596600
		2	7.48	7.38	7.58	70694600
		3	8.00	7.90	8.10	58847400
		4	8.06	7.96	8.16	103602000
		5	8.59	8.49	8.69	50691400

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
 Data File : PP068361.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2024 02:45
 Operator : YP\AJ
 Sample : AR1660ICC1000
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC1000

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/11/2024
 Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 04:09:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 04:05:53 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.758	4.052	97673076	97228950	99.925	99.239
2) SA Decachlor...	10.673	9.212	114.9E6	106.7E6	93.249	95.009
Target Compounds						
3) L1 AR-1016-1	5.923	5.159	32722878	28675269	891.764	871.358m
4) L1 AR-1016-2	5.944	5.179	49685960	45372737	917.064	976.157m
5) L1 AR-1016-3	6.008	5.360	31039806	25581263	986.093	990.435
6) L1 AR-1016-4	6.106	5.399	25063539	22022727	963.662	957.503
7) L1 AR-1016-5	6.401	5.618	26884732	28396741	910.349	962.790
31) L7 AR-1260-1	7.524	6.661	49214333	50792238	893.701	945.181
32) L7 AR-1260-2	7.777	6.848	58512720	59992941	945.197	932.590
33) L7 AR-1260-3	8.138	7.005	49867434	57127224	942.333	955.220
34) L7 AR-1260-4	8.376	7.479	58030307	50380547	947.908	952.604
35) L7 AR-1260-5	8.715	7.718	110.6E6	115.3E6	1001.840	976.981

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068361.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 02:45
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

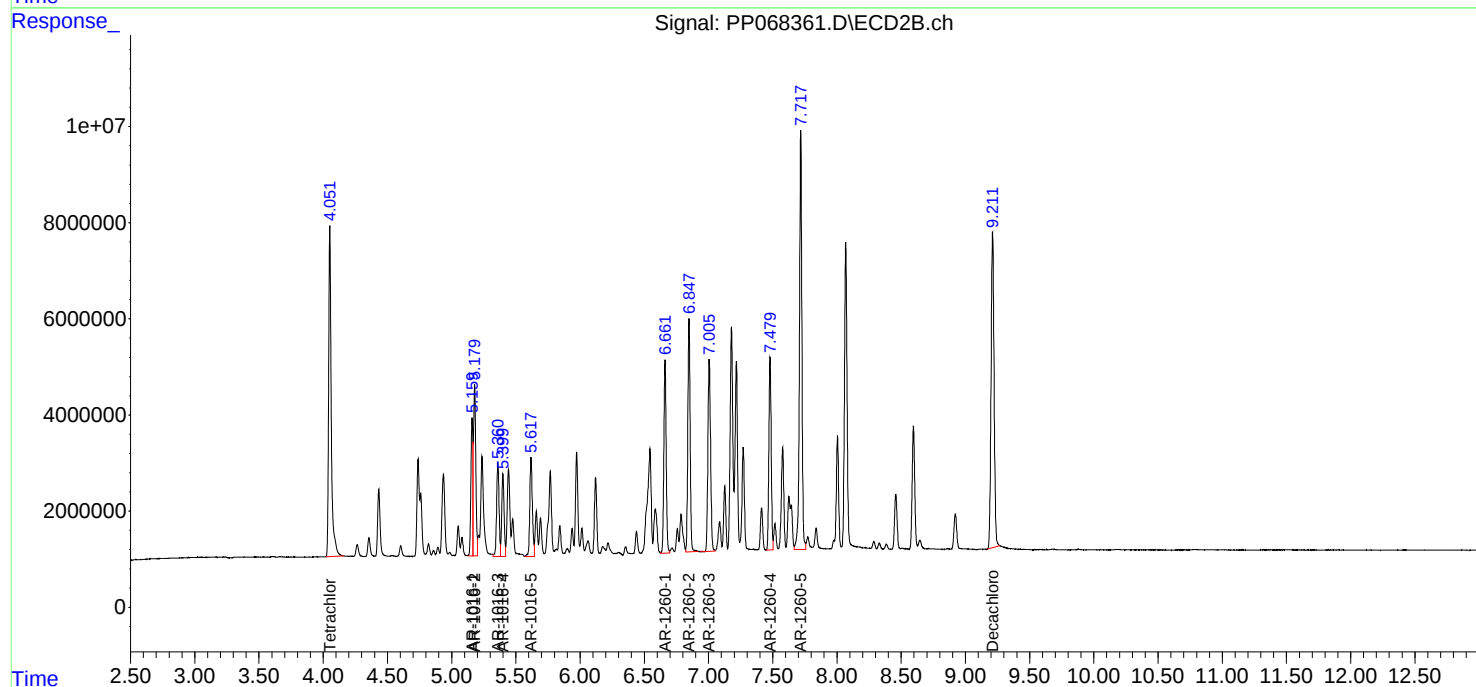
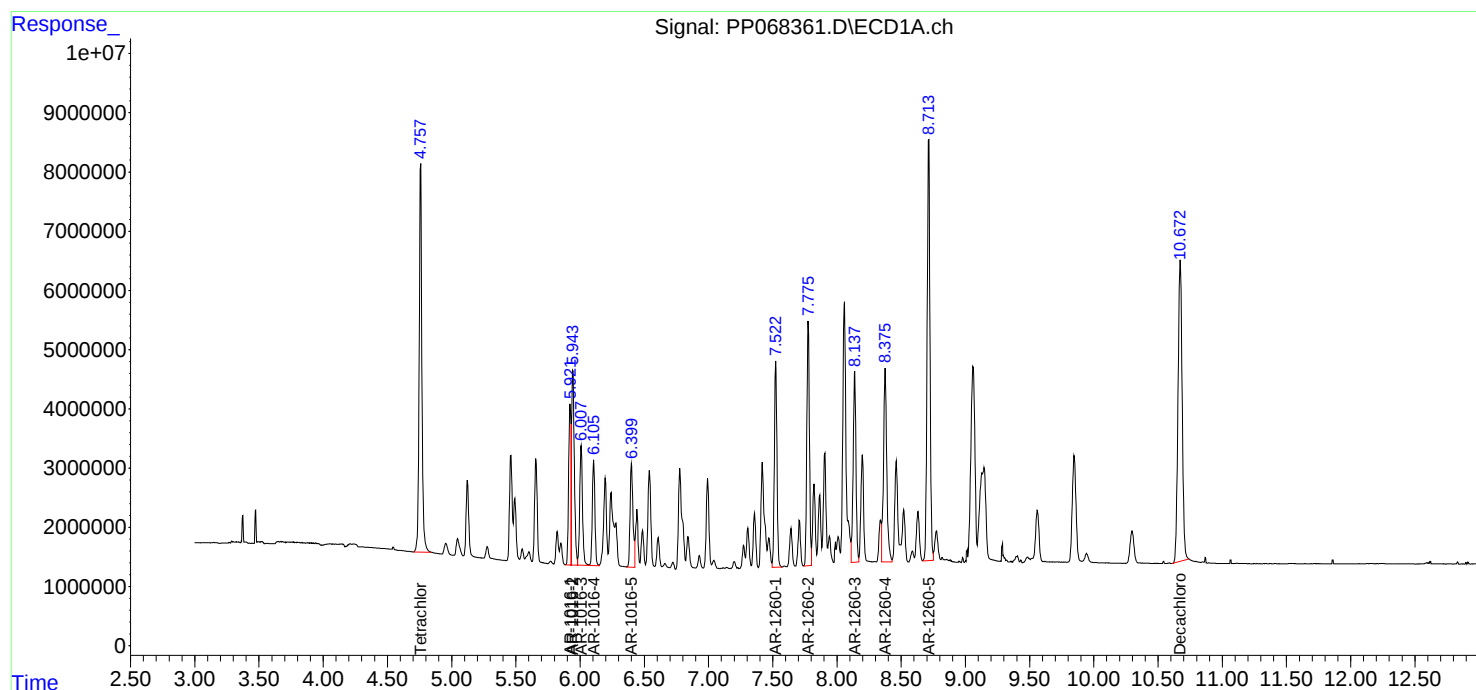
Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 04:09:10 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 04:05:53 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
 Data File : PP068362.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2024 03:02
 Operator : YP\AJ
 Sample : AR1660ICC750
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 04:09:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 04:05:53 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.761	4.051	74215491	72112885	75.927	73.604
2) SA Decachlor...	10.676	9.210	88435348	80079491	71.787	71.304
Target Compounds						
3) L1 AR-1016-1	5.926	5.158	24740345	23766547	674.224	722.196
4) L1 AR-1016-2	5.948	5.178	37346036	33399353	689.304	718.559
5) L1 AR-1016-3	6.011	5.359	23481713	19179292	745.983	742.569
6) L1 AR-1016-4	6.110	5.398	19165227	16919100	736.879	735.608
7) L1 AR-1016-5	6.404	5.617	19397268	21418616	656.815	726.197
31) L7 AR-1260-1	7.527	6.660	37393257	38622501	679.038	718.717
32) L7 AR-1260-2	7.780	6.847	44095983	45181463	712.313	702.345
33) L7 AR-1260-3	8.142	7.005	37272340	43024564	704.326	719.410
34) L7 AR-1260-4	8.380	7.479	43794087	38019685	715.363	718.883
35) L7 AR-1260-5	8.717	7.717	79445464	85480678	719.750	724.429

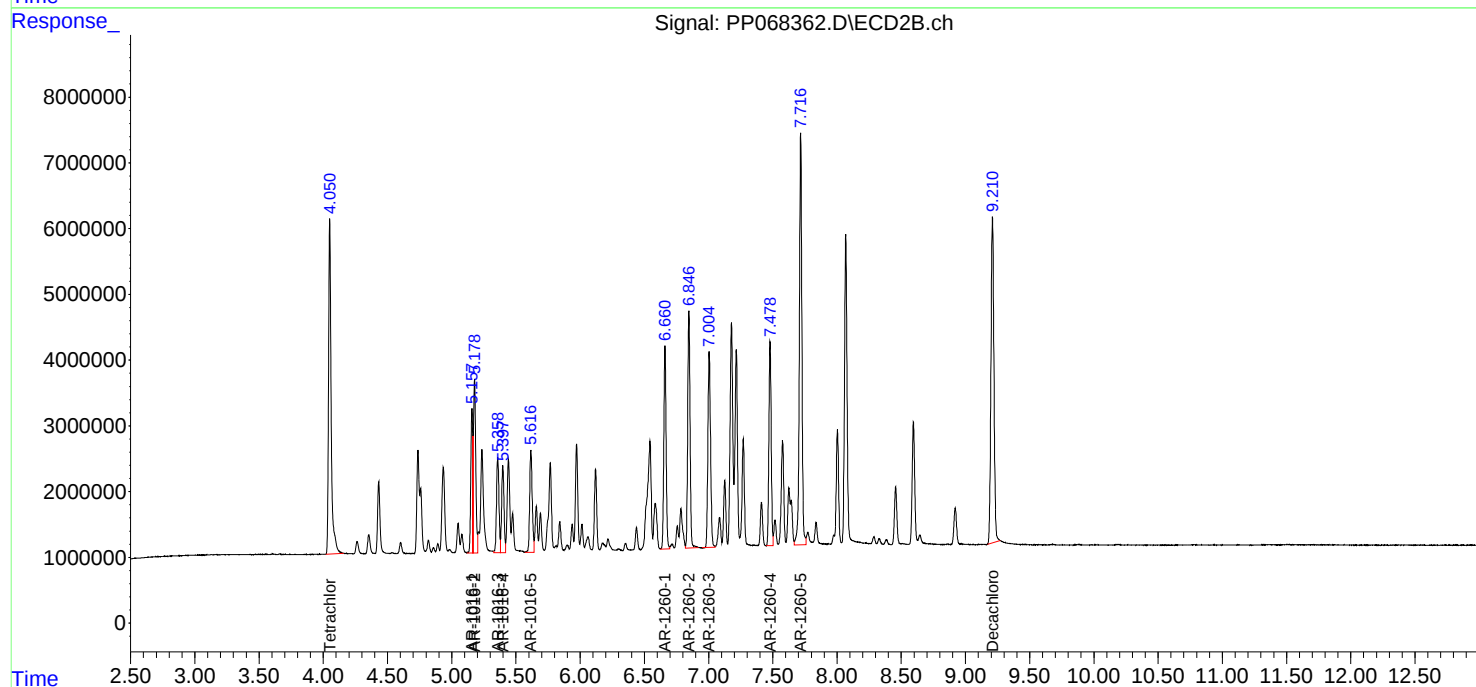
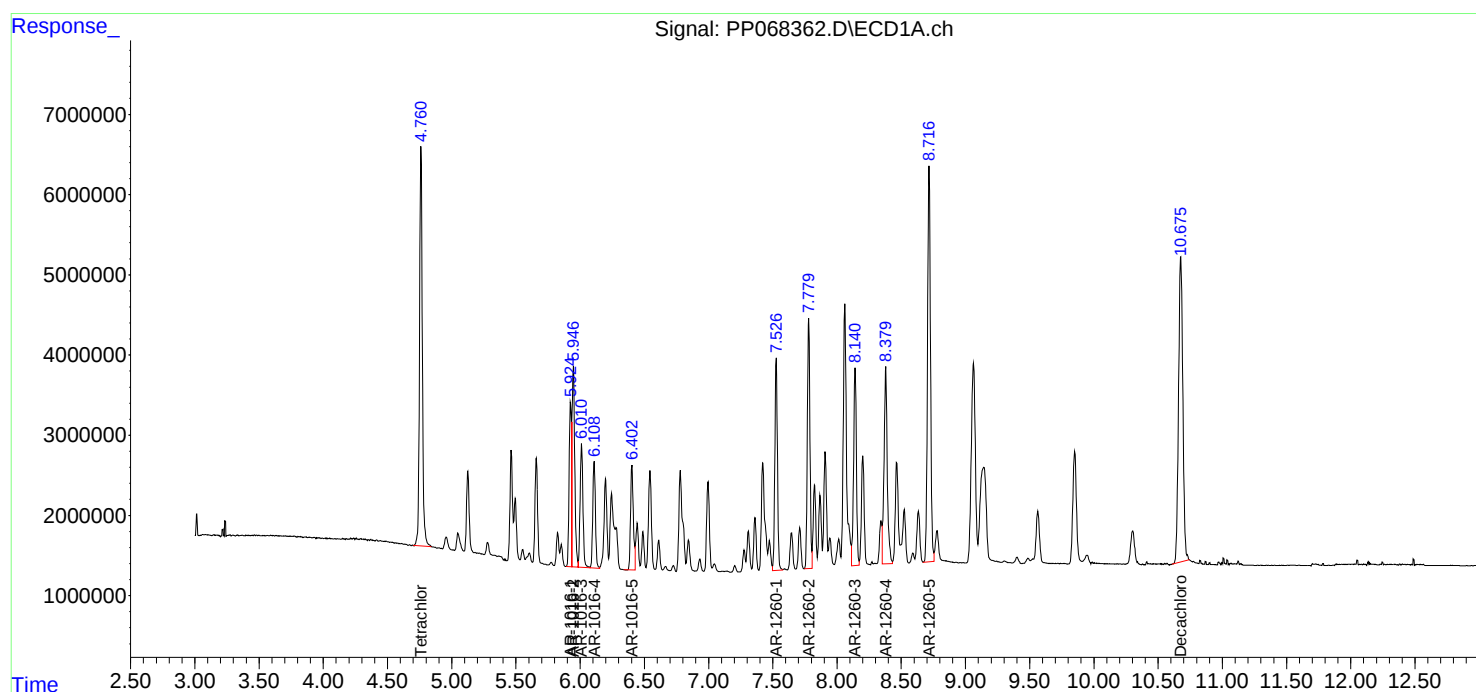
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068362.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 03:02
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 04:09:33 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 04:05:53 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
 Data File : PP068363.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2024 03:18
 Operator : YP\AJ
 Sample : AR1660ICC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 04:09:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 04:05:53 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.757	4.051	48872979	48987046	50.000	50.000
2) SA Decachlor...	10.672	9.210	61595326	56153212	50.000	50.000
Target Compounds						
3) L1 AR-1016-1	5.921	5.158	18347272	16454351	500.000	500.000
4) L1 AR-1016-2	5.944	5.179	27089690	23240502	500.000	500.000
5) L1 AR-1016-3	6.008	5.359	15738782	12914154	500.000	500.000
6) L1 AR-1016-4	6.105	5.398	13004324	11500082	500.000	500.000
7) L1 AR-1016-5	6.399	5.617	14766165	14747103	500.000	500.000
31) L7 AR-1260-1	7.523	6.660	27534006	26869049	500.000	500.000
32) L7 AR-1260-2	7.776	6.847	30952656	32164699	500.000	500.000
33) L7 AR-1260-3	8.138	7.005	26459573	29902666	500.000	500.000
34) L7 AR-1260-4	8.376	7.478	30609676	26443585	500.000	500.000
35) L7 AR-1260-5	8.713	7.717	55189644	58998620	500.000	500.000

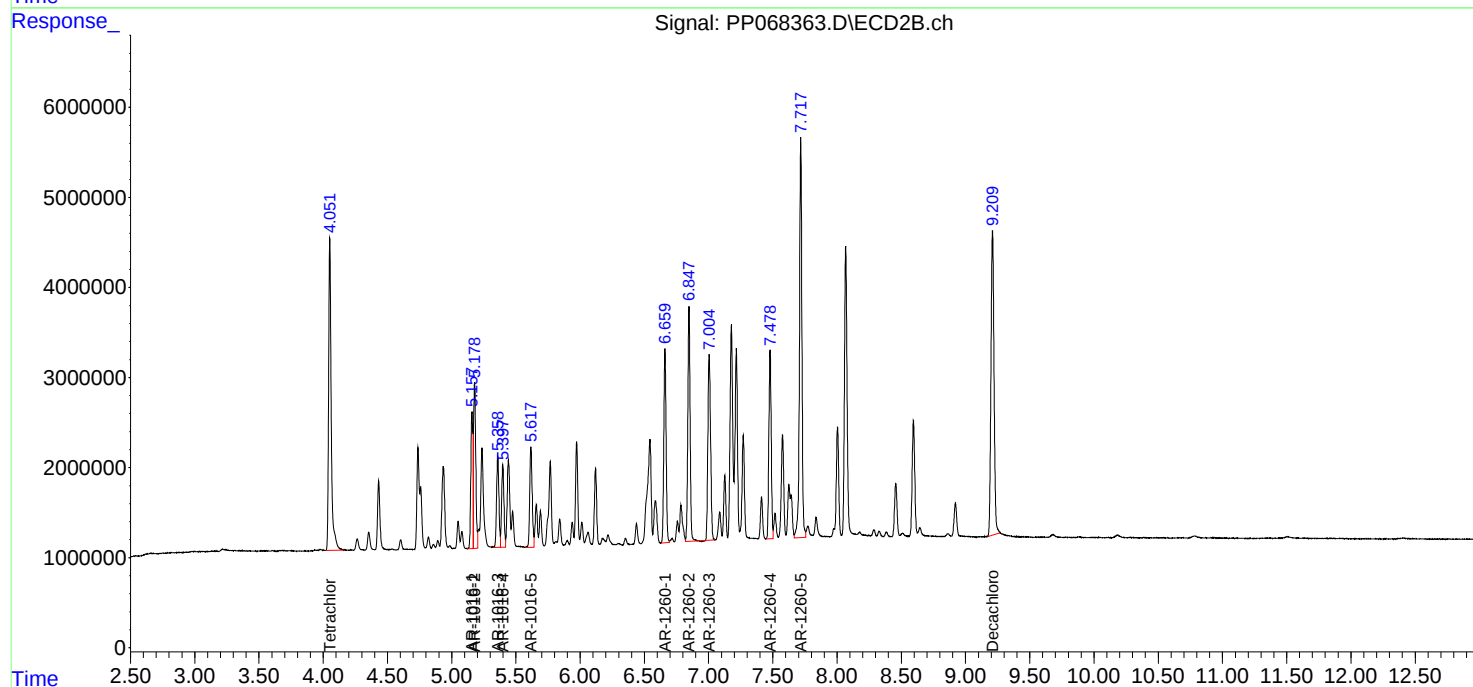
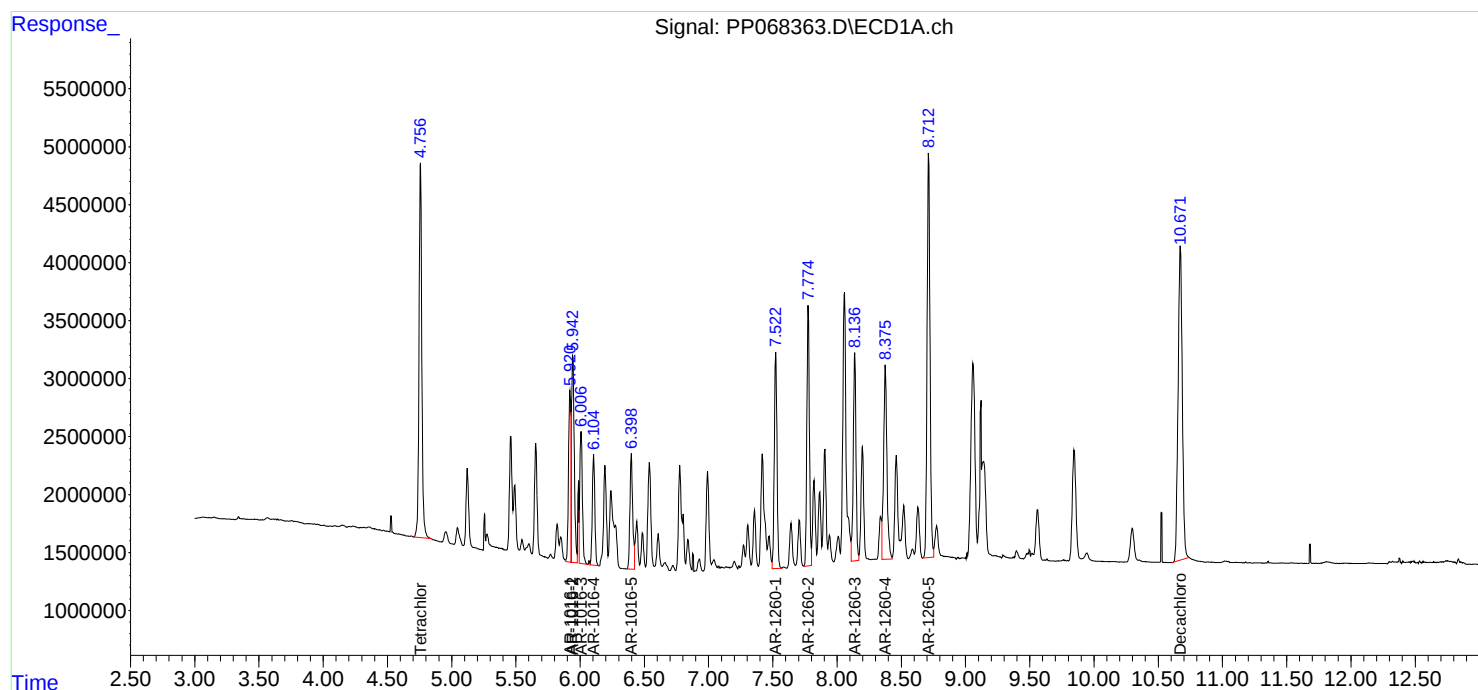
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068363.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 03:18
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 04:09:54 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 04:05:53 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
 Data File : PP068364.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2024 03:34
 Operator : YP\AJ
 Sample : AR1660ICC250
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC250

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/11/2024
 Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 04:10:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 04:05:53 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.760	4.051	25351463	25875380	25.936	26.410
2) SA Decachlor...	10.676	9.210	34304600	30797863	27.847	27.423
Target Compounds						
3) L1 AR-1016-1	5.924	5.157	9641338	9079242	262.746	275.892m
4) L1 AR-1016-2	5.946	5.178	14007203	12532937	258.534	269.636m
5) L1 AR-1016-3	6.010	5.359	8815317	7259207	280.051	281.056
6) L1 AR-1016-4	6.108	5.399	6899763	6185744	265.287	268.943
7) L1 AR-1016-5	6.401	5.616	7416740	8429027	251.140m	285.786m
31) L7 AR-1260-1	7.524	6.660	14871315	15157430	270.054m	282.061m
32) L7 AR-1260-2	7.777	6.846	17543800	17962073	283.397m	279.220m
33) L7 AR-1260-3	8.140	7.004	15445788	17491691	291.875	292.477
34) L7 AR-1260-4	8.378	7.479	16721204	14490378	273.136	273.987
35) L7 AR-1260-5	8.716	7.717	30604768	31934103	277.269	270.634

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068364.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 03:34
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

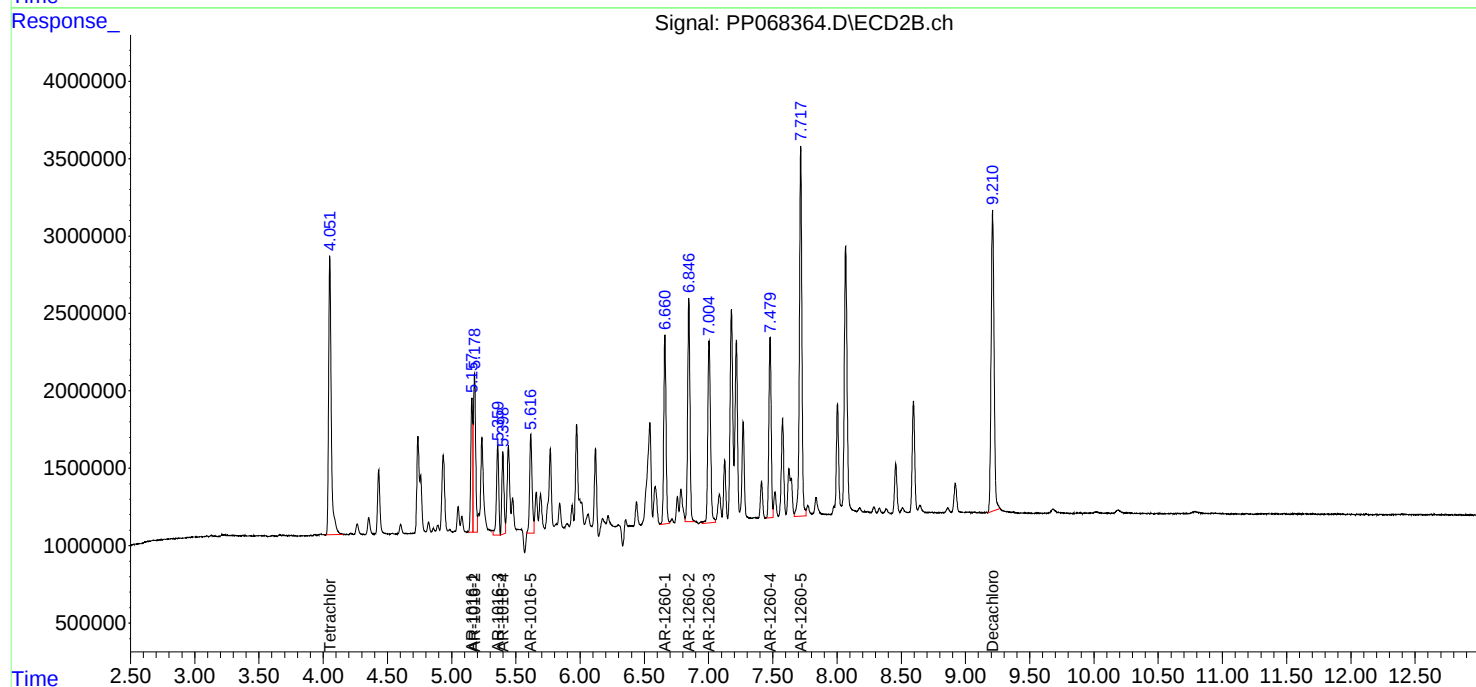
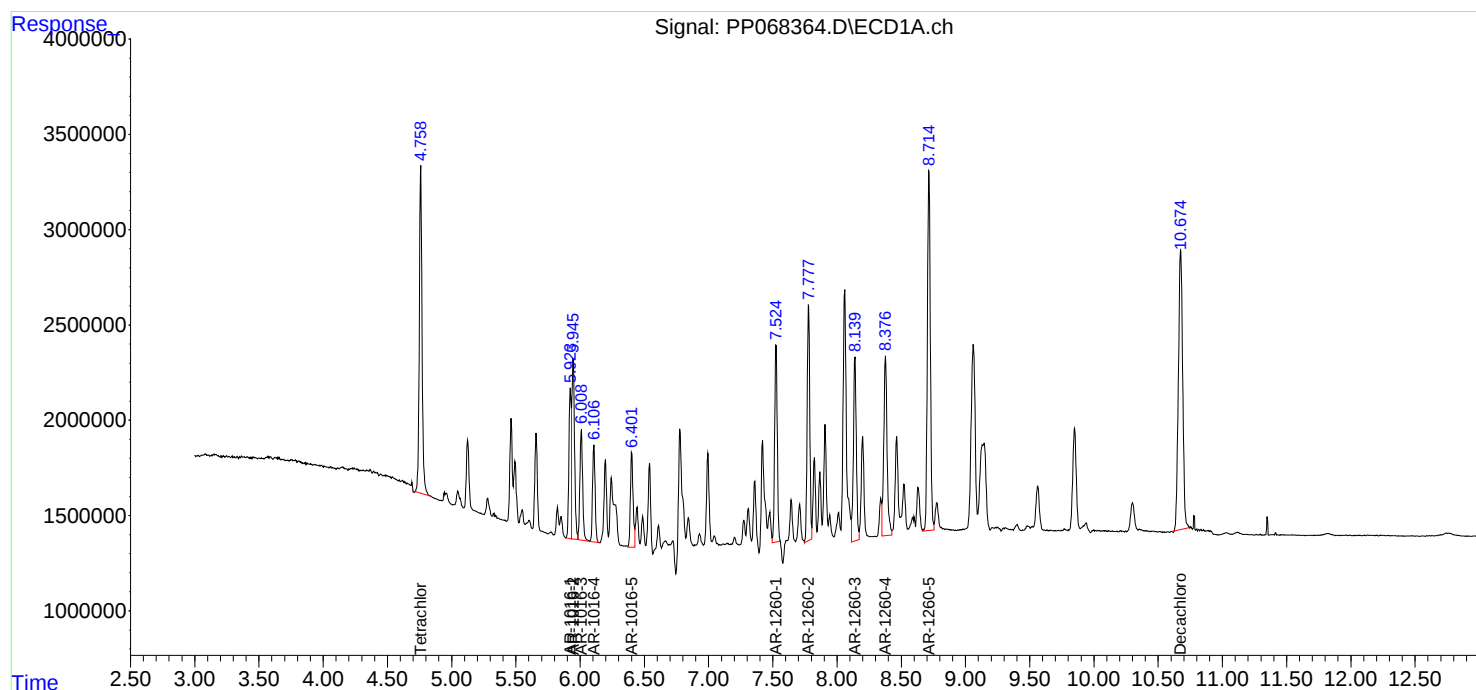
Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 04:10:17 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 04:05:53 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
 Data File : PP068365.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2024 03:51
 Operator : YP\AJ
 Sample : AR1660ICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/11/2024
 Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 04:10:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 04:05:53 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.757	4.050	4476350	4464468	4.580	4.557
2) SA Decachlor...	10.671	9.210	6627130	5830923	5.380	5.192
Target Compounds						
3) L1 AR-1016-1	5.920	5.158	1935529	1782299	52.747m	54.159
4) L1 AR-1016-2	5.943	5.178	2753129	2359756	50.815m	50.768
5) L1 AR-1016-3	6.007	5.359	1822747	1459118	57.906m	56.493
6) L1 AR-1016-4	6.104	5.398	1359273	1282513	52.262m	55.761
7) L1 AR-1016-5	6.399	5.615	1454647	1402279	49.256	47.544m
31) L7 AR-1260-1	7.522	6.660	2844781	3079403	51.659m	57.304m
32) L7 AR-1260-2	7.775	6.846	3433329	3738308	55.461m	58.112m
33) L7 AR-1260-3	8.138	7.004	2734690	3259590	51.677	54.503
34) L7 AR-1260-4	8.375	7.479	3330670	2588140	54.406m	48.937
35) L7 AR-1260-5	8.713	7.717	5830709	6019552	52.824	51.014

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068365.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 03:51
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

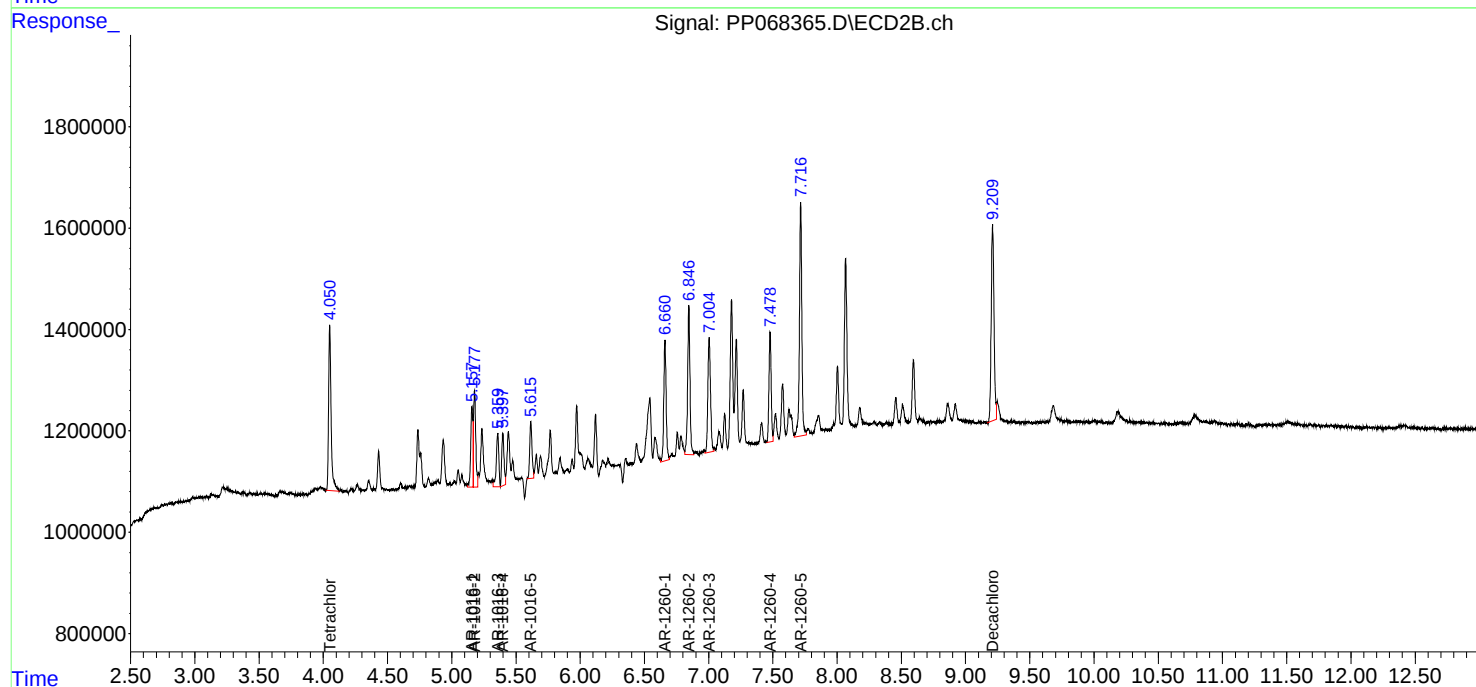
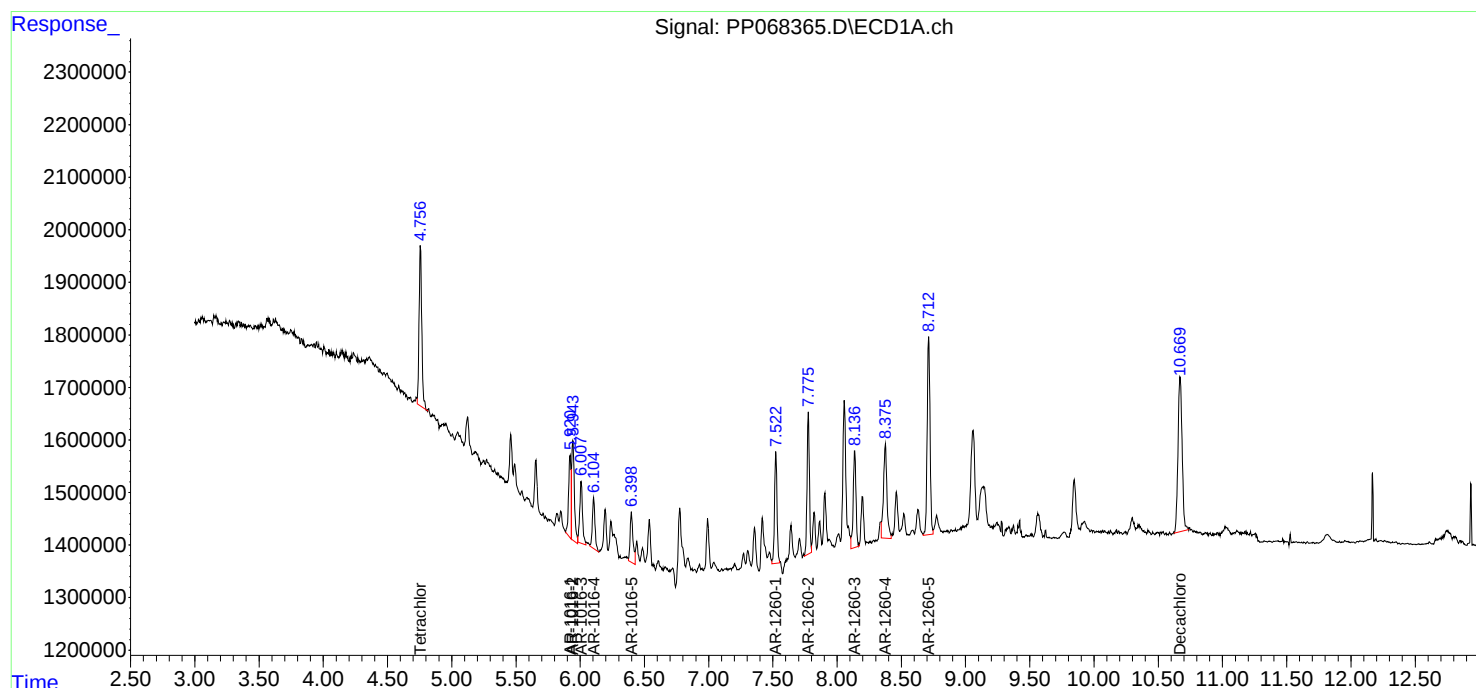
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 04:10:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 04:05:53 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
 Data File : PP068366.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2024 04:07
 Operator : YP\AJ
 Sample : AR1221ICC500
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1221ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 04:25:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 04:24:49 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.761	4.051	54487906	51485990	50.000	50.000
2) SA Decachlor...	10.675	9.210	63373578	58168629	50.000	50.000
Target Compounds						
8) L2 AR-1221-1	4.962	4.266	6781091	6305196	500.000	500.000
9) L2 AR-1221-2	5.049	4.354	5042781	4886468	500.000	500.000
10) L2 AR-1221-3	5.126	4.432	15129940	15245448	500.000	500.000

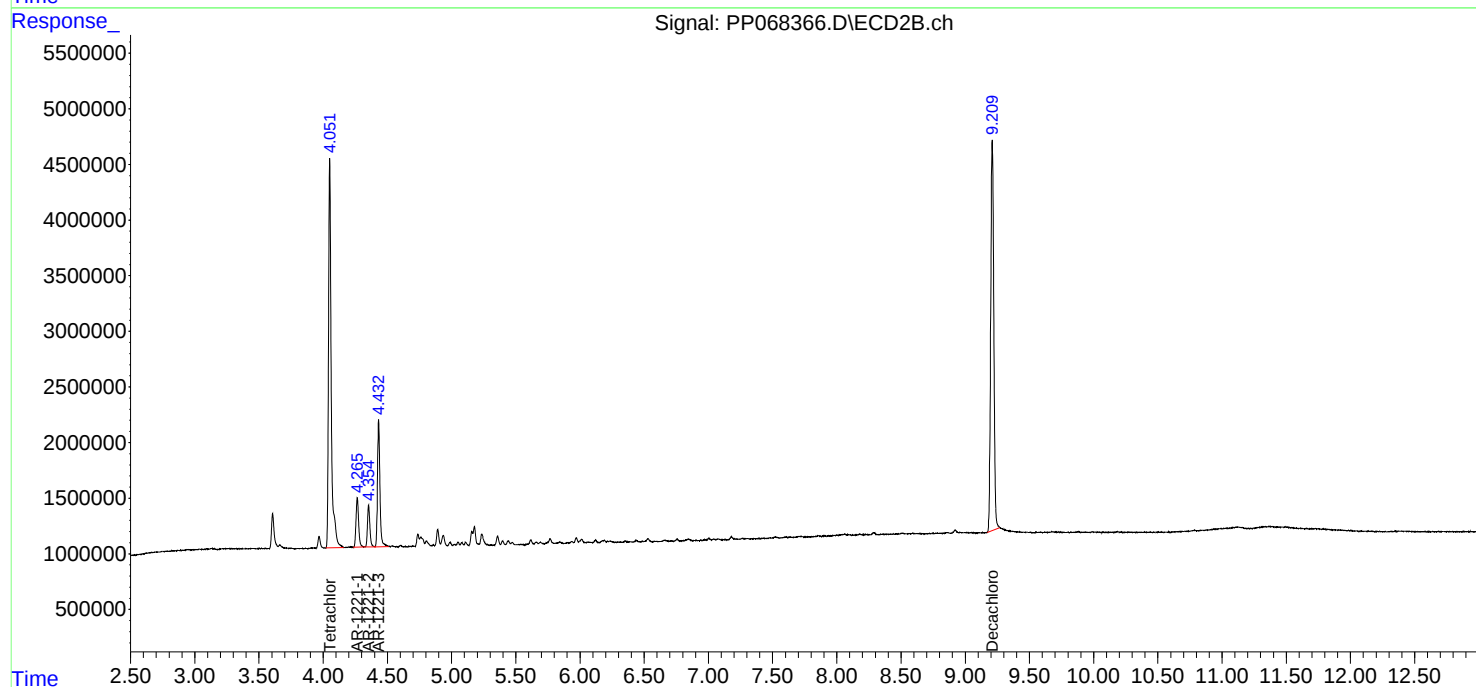
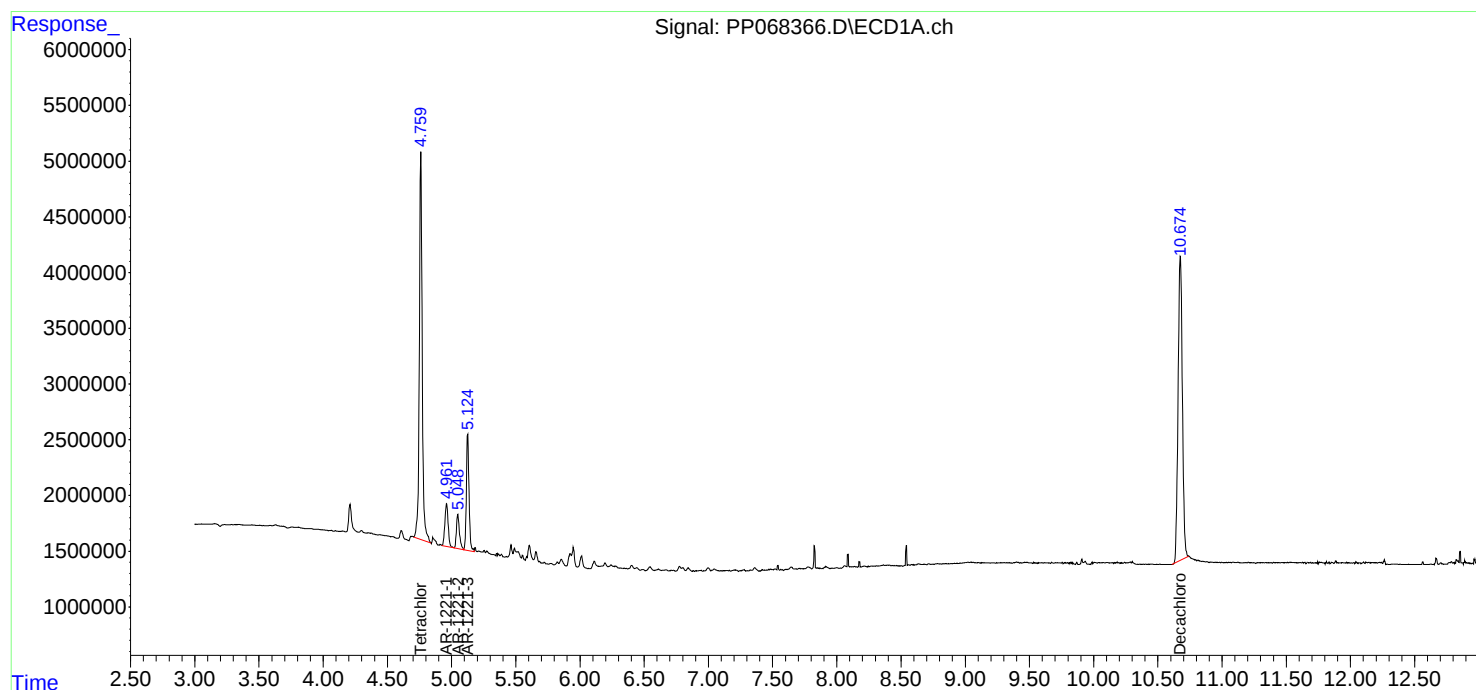
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068366.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 04:07
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 04:25:06 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 04:24:49 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
 Data File : PP068367.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2024 04:23
 Operator : YP\AJ
 Sample : AR1232ICC500
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1232ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 04:40:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 04:40:21 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.757	4.050	47373418	48409734	50.000	50.000
2) SA Decachlor...	10.672	9.209	62372826	55370942	50.000	50.000
Target Compounds						
11) L3 AR-1232-1	5.122	4.431	11659778	11800808	500.000	500.000
12) L3 AR-1232-2	5.656	5.177	7477363	10892579	500.000	500.000
13) L3 AR-1232-3	5.943	5.357	12527043	5605320	500.000	500.000
14) L3 AR-1232-4	6.105	5.441	6189085	5478256	500.000	500.000
15) L3 AR-1232-5	6.194	5.616	4972401	6160021	500.000	500.000

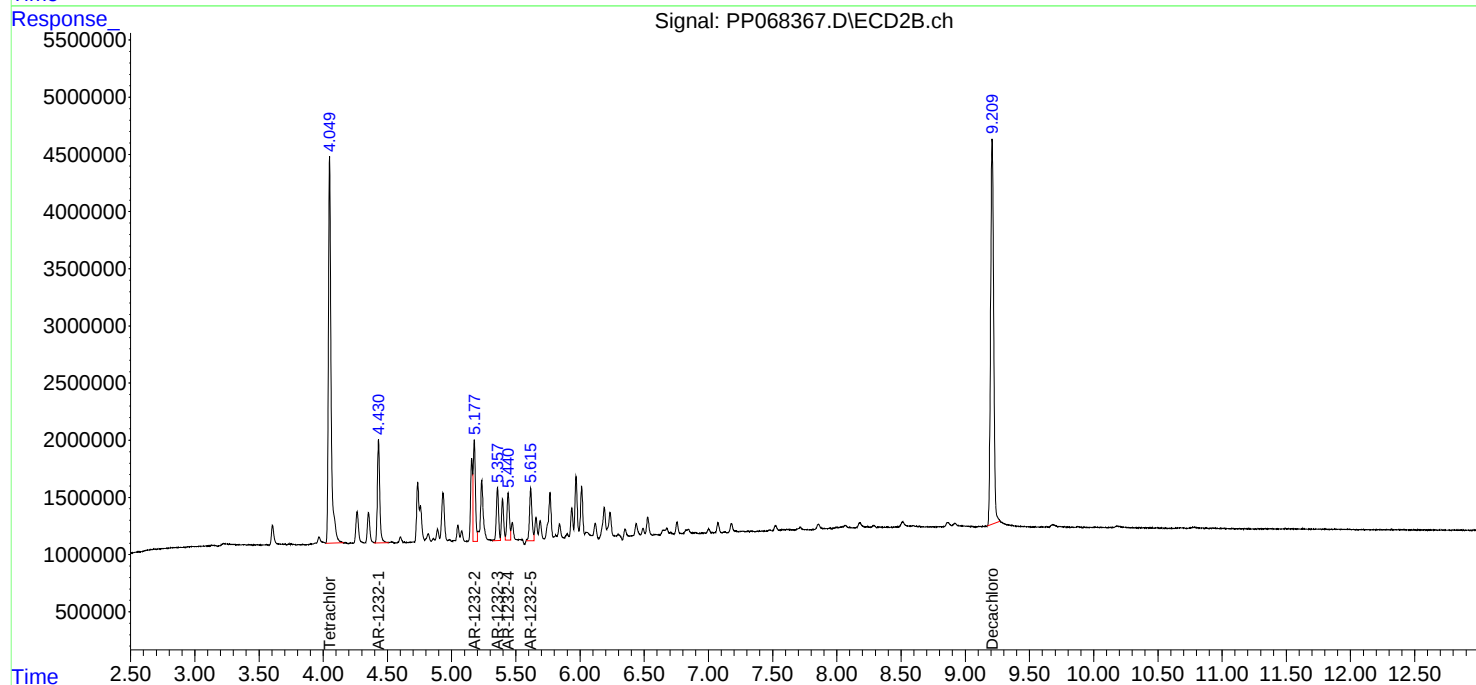
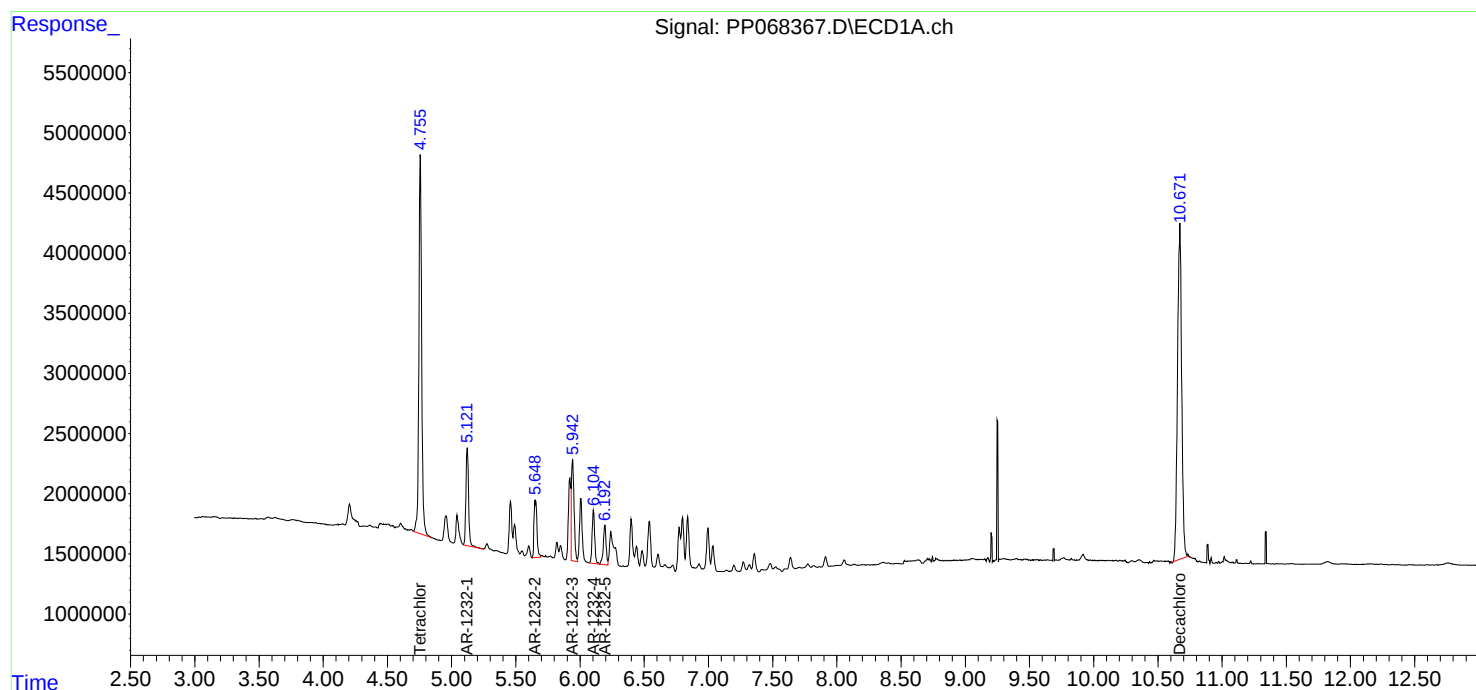
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068367.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 04:23
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 04:40:29 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 04:40:21 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
 Data File : PP068368.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2024 04:40
 Operator : YP\AJ
 Sample : AR1242ICC1000
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 06:16:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 05:36:39 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.760	4.050	99245822	96623842	99.531	98.609
2) SA Decachlor...	10.673	9.210	113.7E6	107.1E6	90.699	92.999
Target Compounds						
16) L4 AR-1242-1	5.925	5.158	27983462	26036404	937.252	950.729
17) L4 AR-1242-2	5.947	5.177	42123278	36827504	957.495	949.715
18) L4 AR-1242-3	6.010	5.358	26373595	20664122	953.762	944.883
19) L4 AR-1242-4	6.109	5.442	21517643	21373603	976.214	919.665
20) L4 AR-1242-5	6.842	5.971	23574356	25609316	973.562	941.259

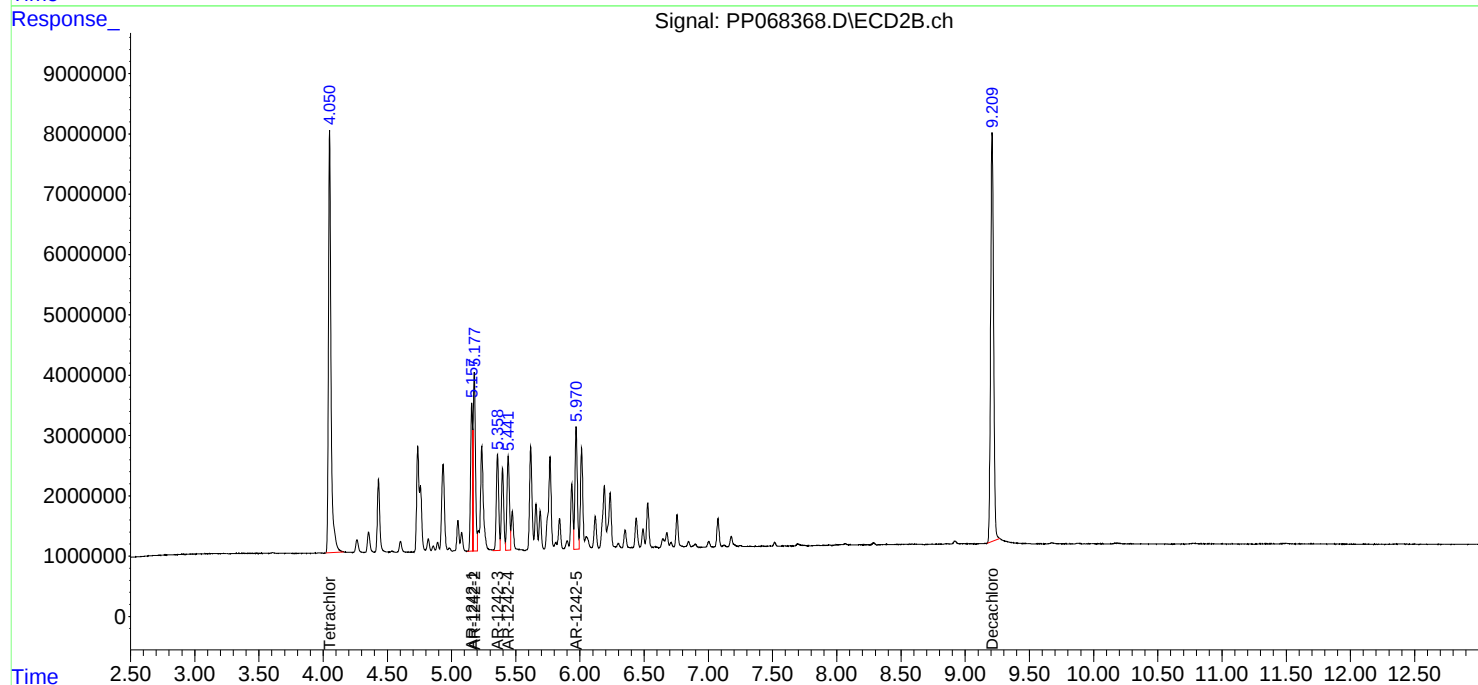
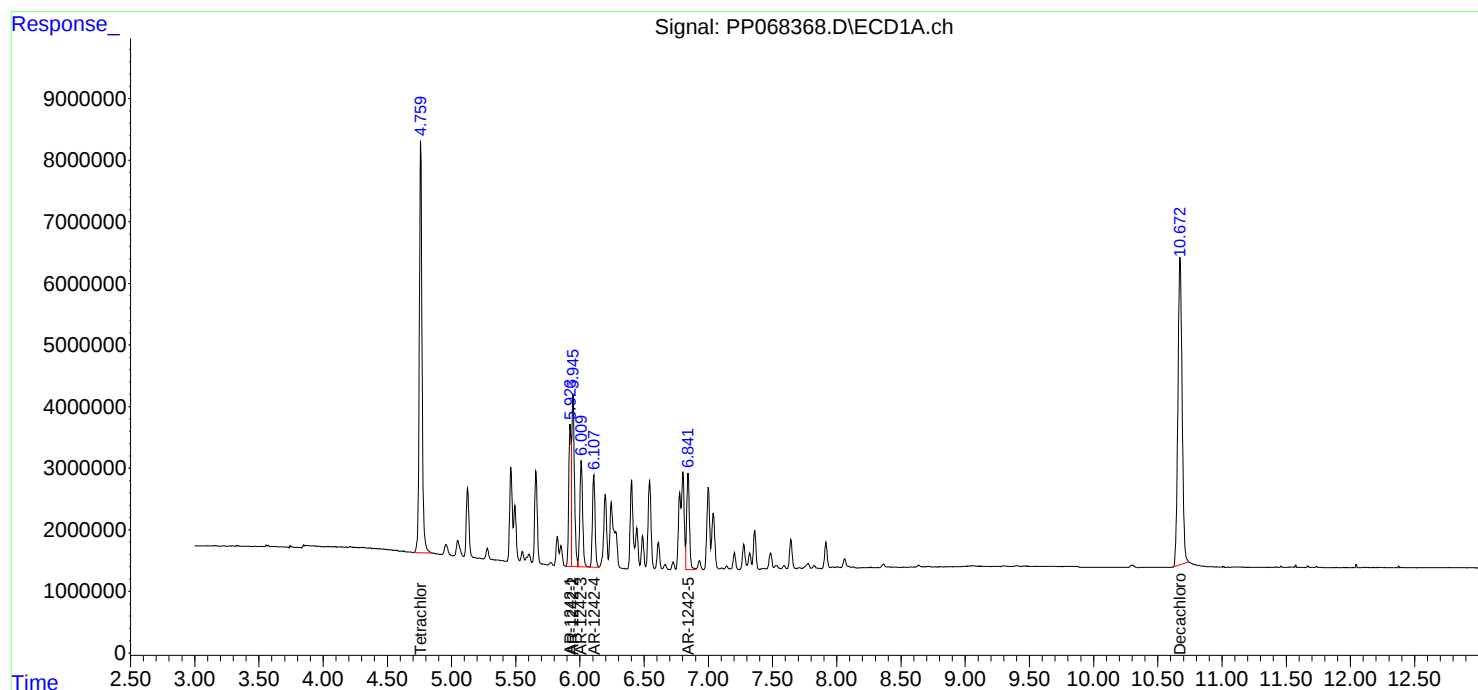
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068368.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 04:40
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 06:16:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 05:36:39 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
 Data File : PP068369.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2024 04:56
 Operator : YP\AJ
 Sample : AR1242ICC750
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC750

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/11/2024
 Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 06:16:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 05:36:39 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.757	4.051	73701317	72902231	73.913	74.400
2) SA Decachlor...	10.671	9.210	89329907	79864244	71.261	69.324
Target Compounds						
16) L4 AR-1242-1	5.921	5.158	21707847	19947336	727.063	728.384
17) L4 AR-1242-2	5.943	5.178	32662914	28089404	742.454	724.375
18) L4 AR-1242-3	6.007	5.359	20651932	15418603	746.847	705.027
19) L4 AR-1242-4	6.105	5.442	16748446	16360633	759.845	703.966
20) L4 AR-1242-5	6.838	5.971	18720909	20154463	773.126m	740.769

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068369.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 04:56
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

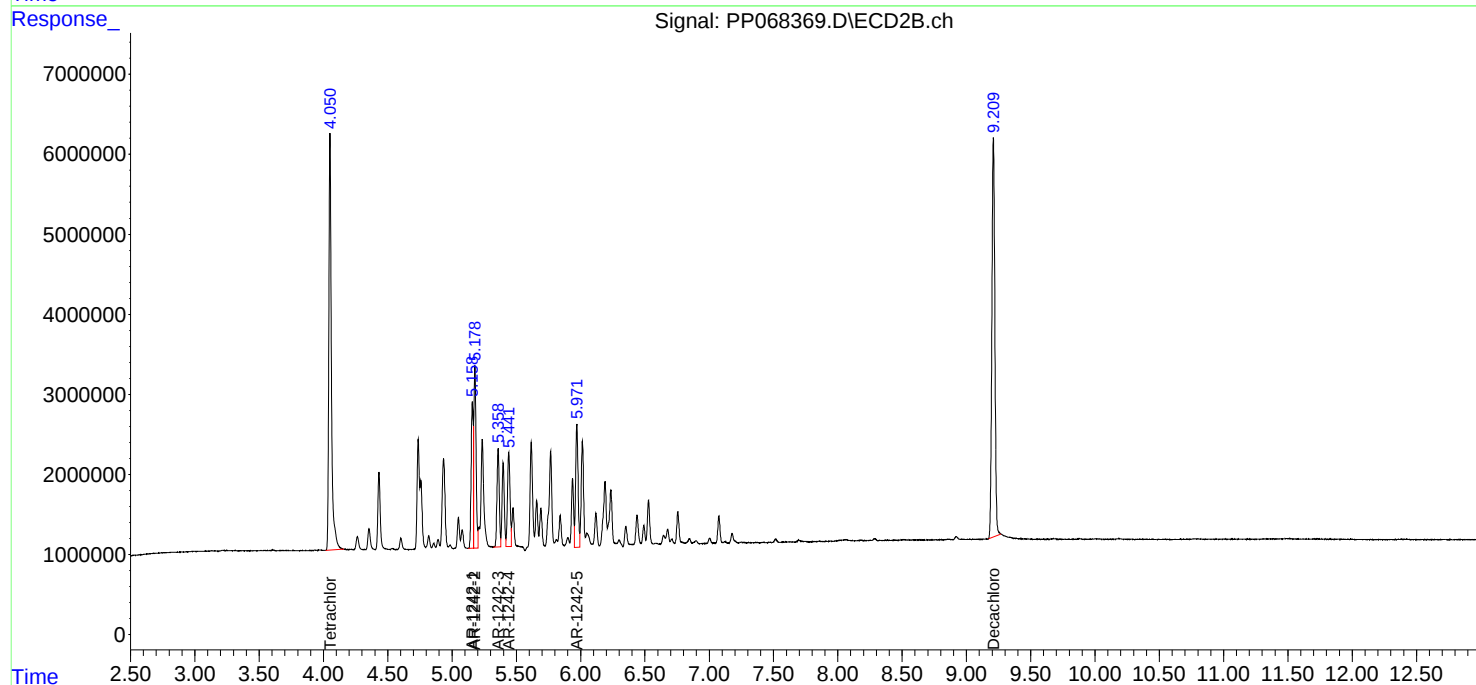
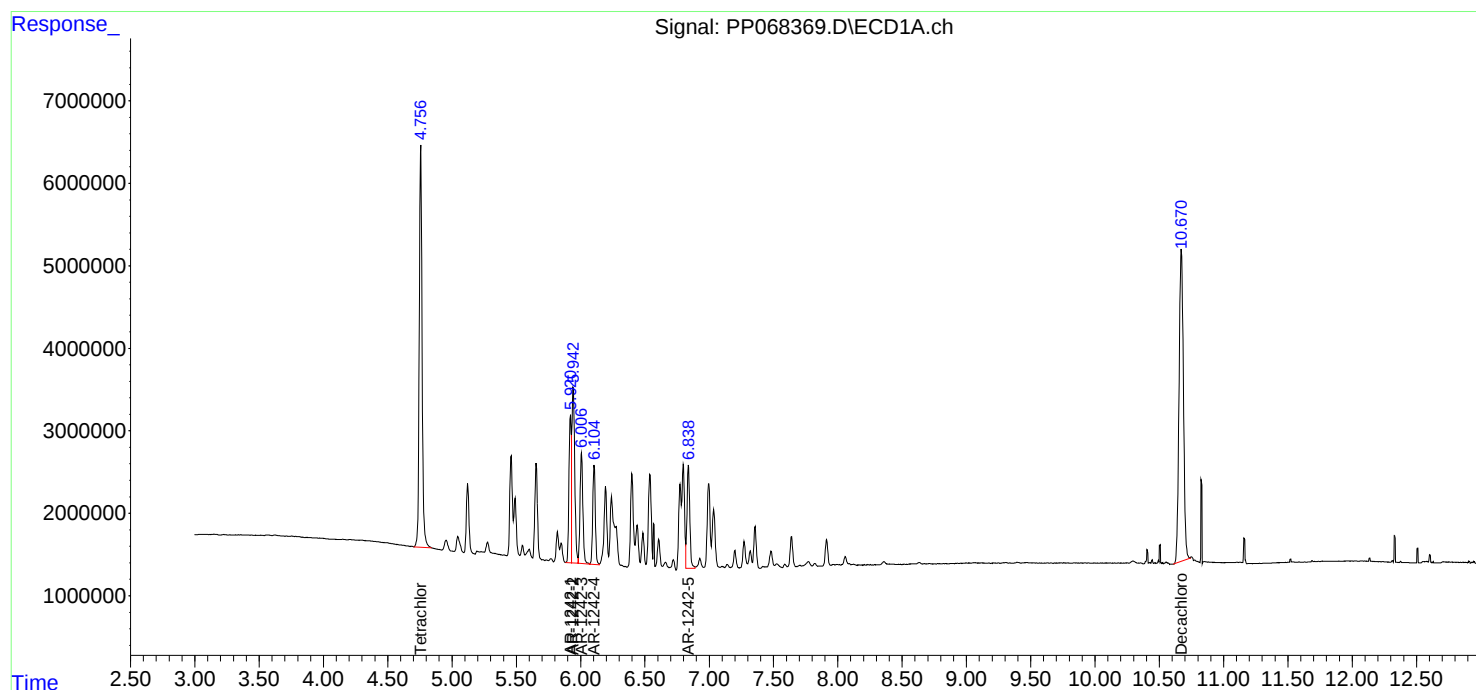
Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 06:16:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 05:36:39 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
 Data File : PP068370.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2024 05:12
 Operator : YP\AJ
 Sample : AR1242ICC500
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 06:16:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 05:36:39 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.759	4.051	49856617	48993327	50.000	50.000
2) SA Decachlor...	10.674	9.210	62677810	57602063	50.000	50.000
Target Compounds						
16) L4 AR-1242-1	5.923	5.158	14928455	13692867	500.000	500.000
17) L4 AR-1242-2	5.945	5.177	21996599	19388721	500.000	500.000
18) L4 AR-1242-3	6.009	5.358	13826088	10934756	500.000	500.000
19) L4 AR-1242-4	6.107	5.441	11020962	11620321	500.000	500.000
20) L4 AR-1242-5	6.841	5.971	12107276	13603749	500.000	500.000

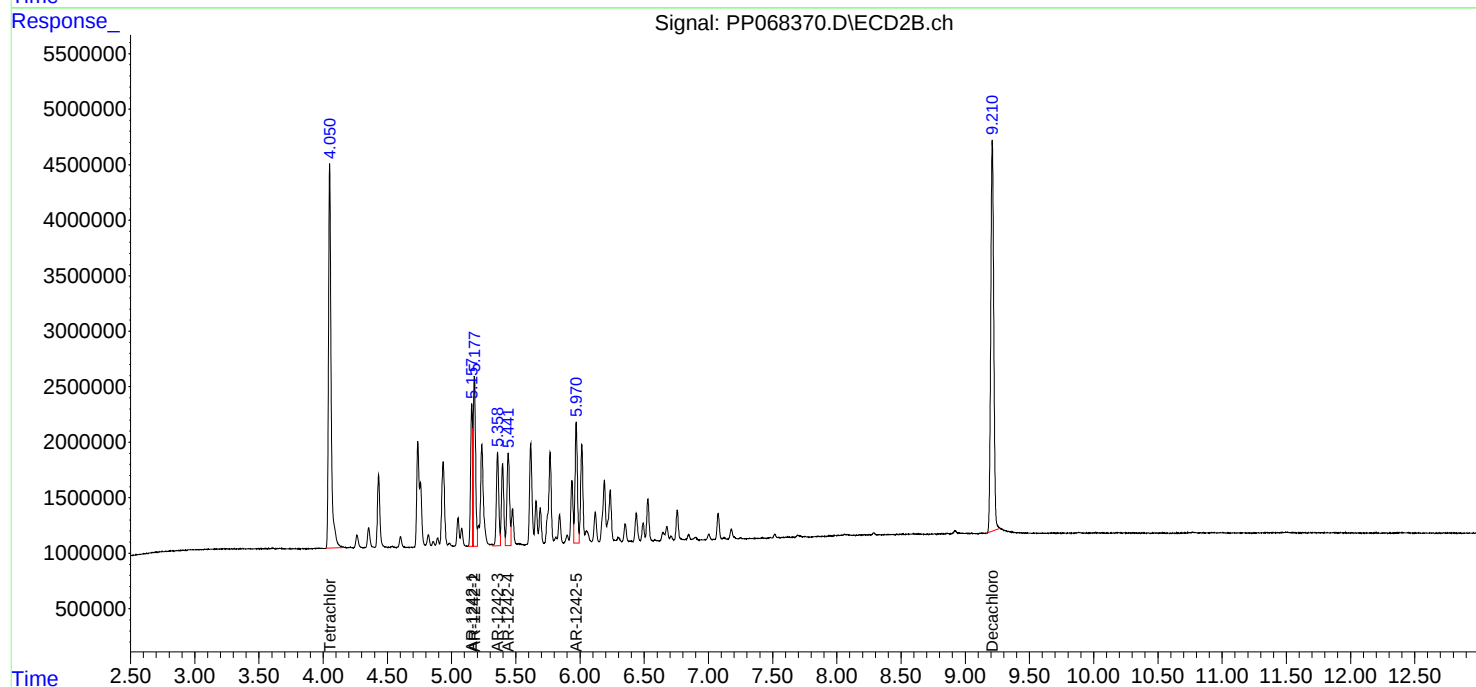
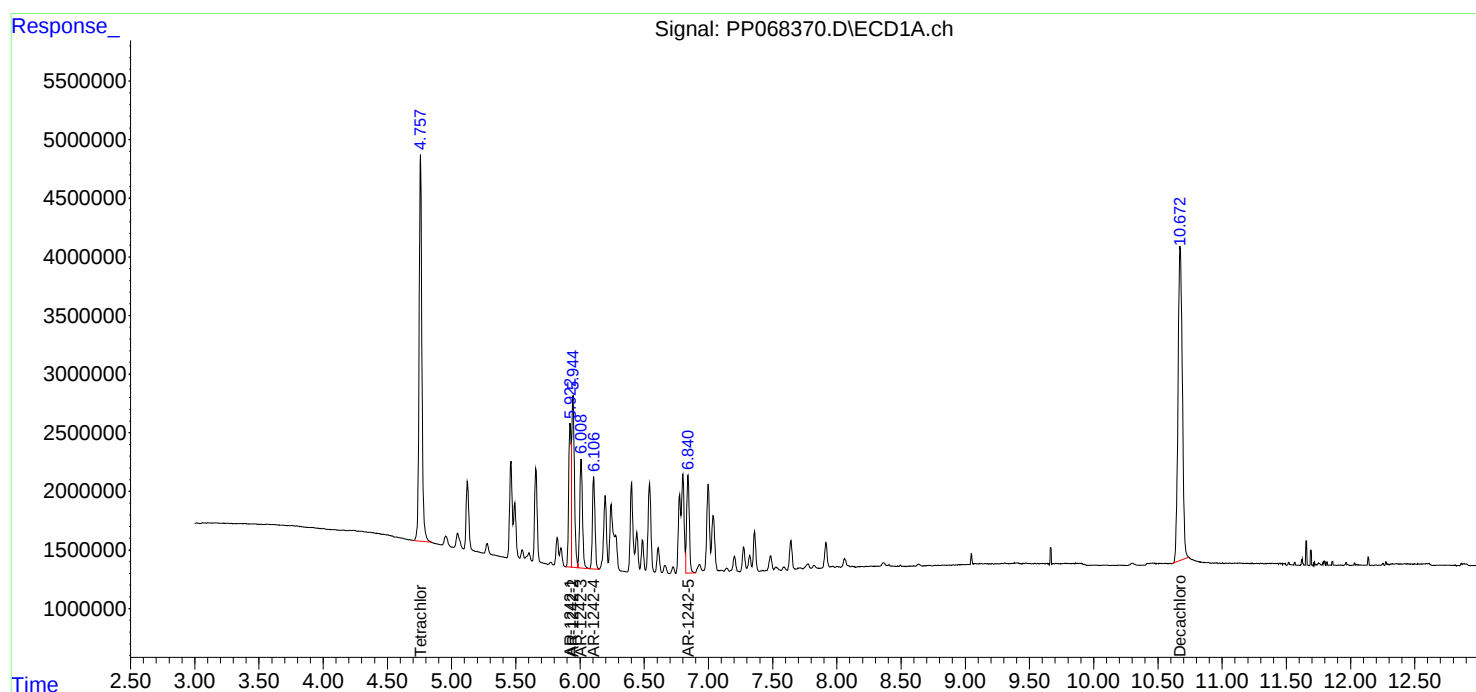
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068370.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 05:12
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 06:16:56 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 05:36:39 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
 Data File : PP068371.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2024 05:29
 Operator : YP\AJ
 Sample : AR1242ICC250
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC250

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/11/2024
 Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 06:17:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 05:36:39 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.757	4.050	26197982	25840991	26.273	26.372
2) SA Decachlor...	10.671	9.210	33966664	29888082	27.096	25.944
Target Compounds						
16) L4 AR-1242-1	5.922	5.158	7995277	7404867	267.786	270.391
17) L4 AR-1242-2	5.944	5.178	11541932	10286618	262.357	265.273
18) L4 AR-1242-3	6.007	5.358	7659806	5423964	277.006	248.015
19) L4 AR-1242-4	6.106	5.441	5674201	5961824	257.428	256.526
20) L4 AR-1242-5	6.838	5.970	6401457	7452669	264.364m	273.920m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068371.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 05:29
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

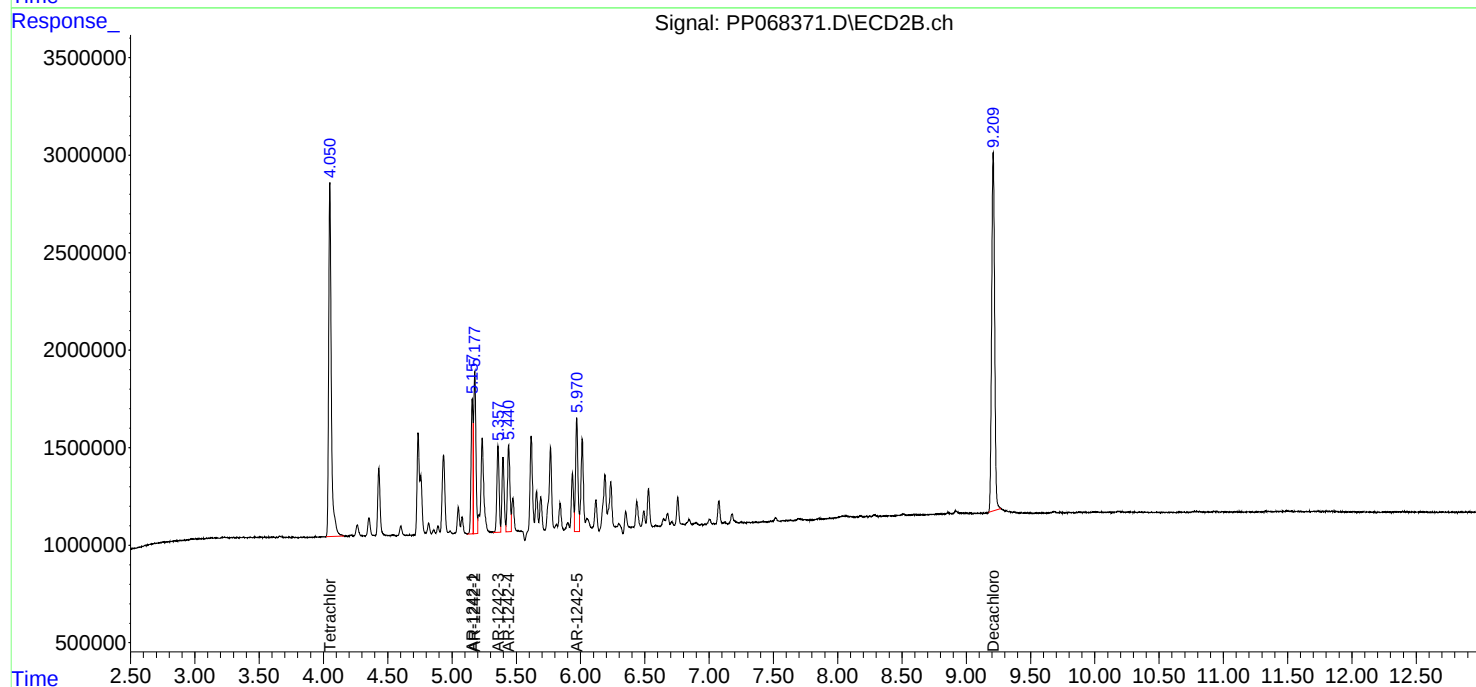
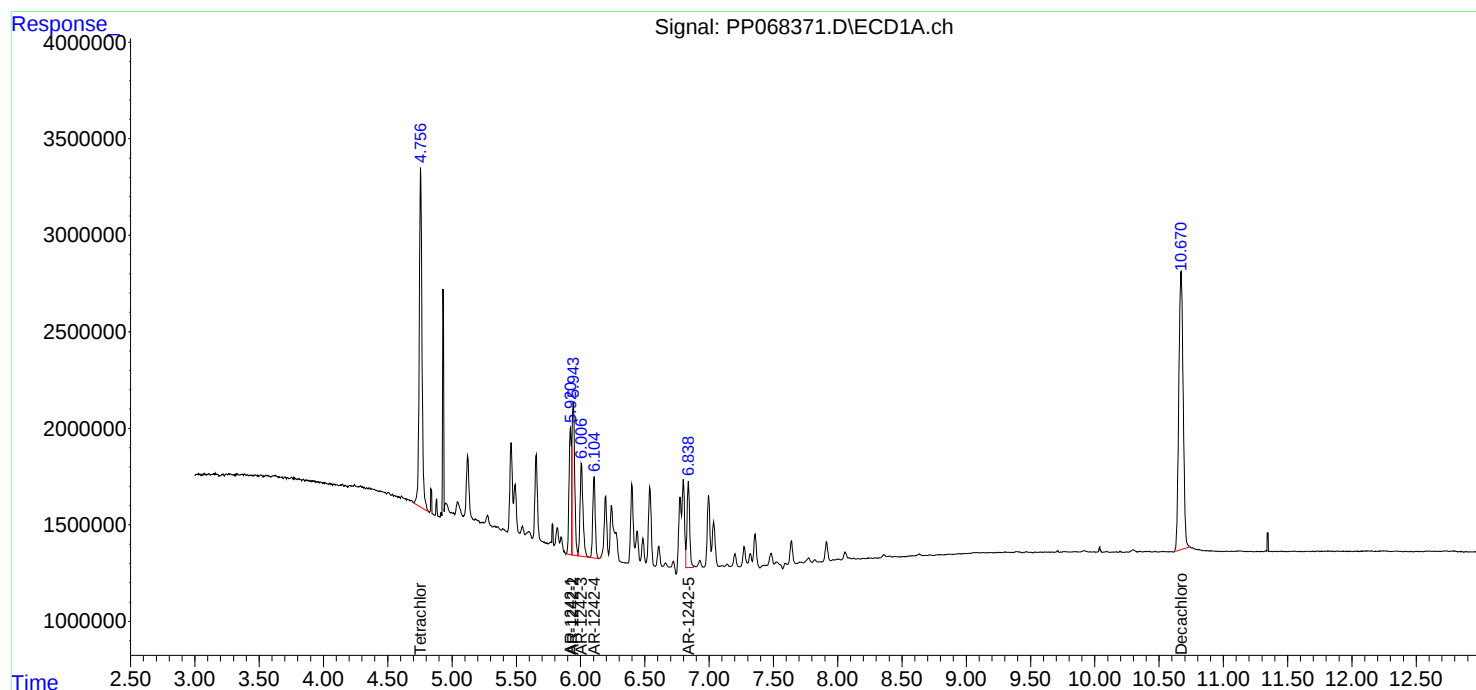
Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 06:17:21 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 05:36:39 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
 Data File : PP068372.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2024 05:45
 Operator : YP\AJ
 Sample : AR1242ICC050
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 06:17:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 05:36:39 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.760	4.051	4728239	4651184	4.742	4.747
2) SA Decachlor...	10.676	9.210	6608463	6442390	5.272	5.592
Target Compounds						
16) L4 AR-1242-1	5.924	5.159	1530111	1465539	51.248	53.515
17) L4 AR-1242-2	5.947	5.178	2233780	1946070	50.776	50.186
18) L4 AR-1242-3	6.011	5.359	1354565	1080631	48.986	49.413
19) L4 AR-1242-4	6.109	5.443	1040612	1184635	47.211	50.973
20) L4 AR-1242-5	6.843	5.971	1152305	1387833	47.587	51.009

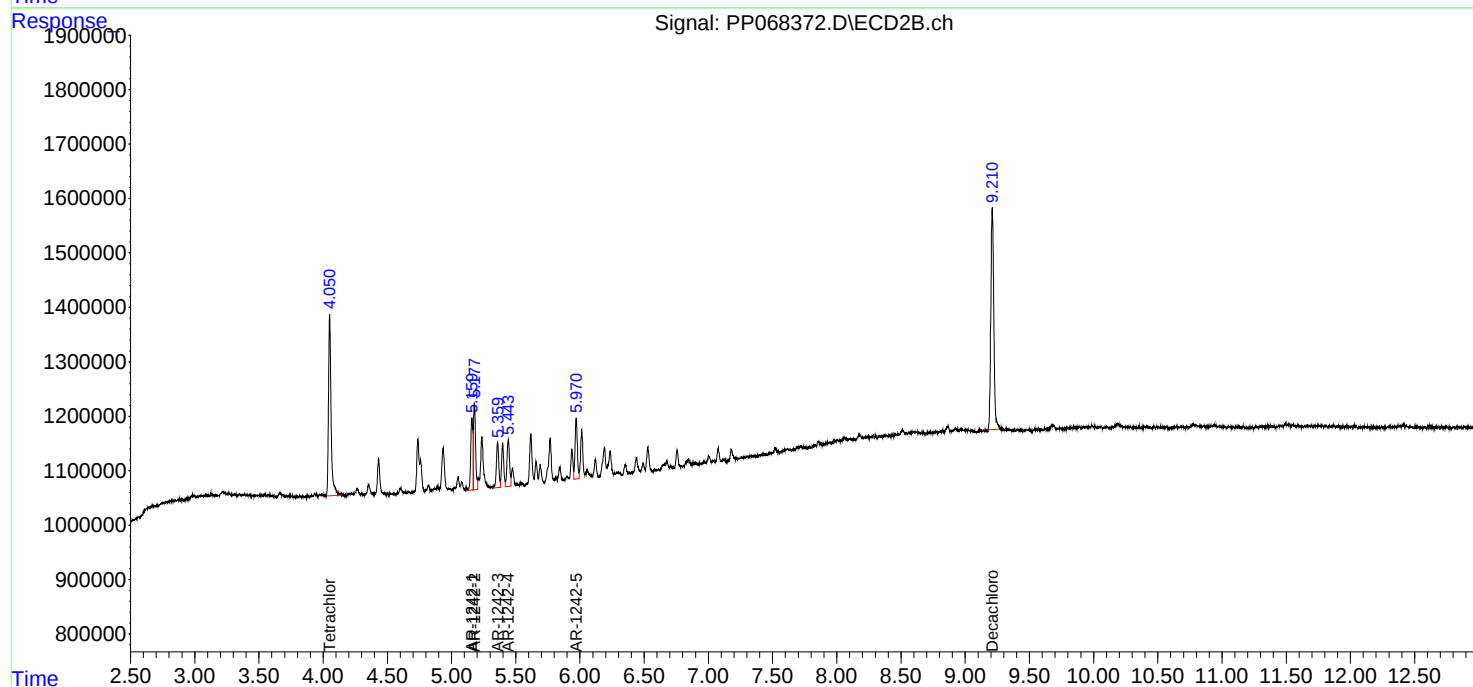
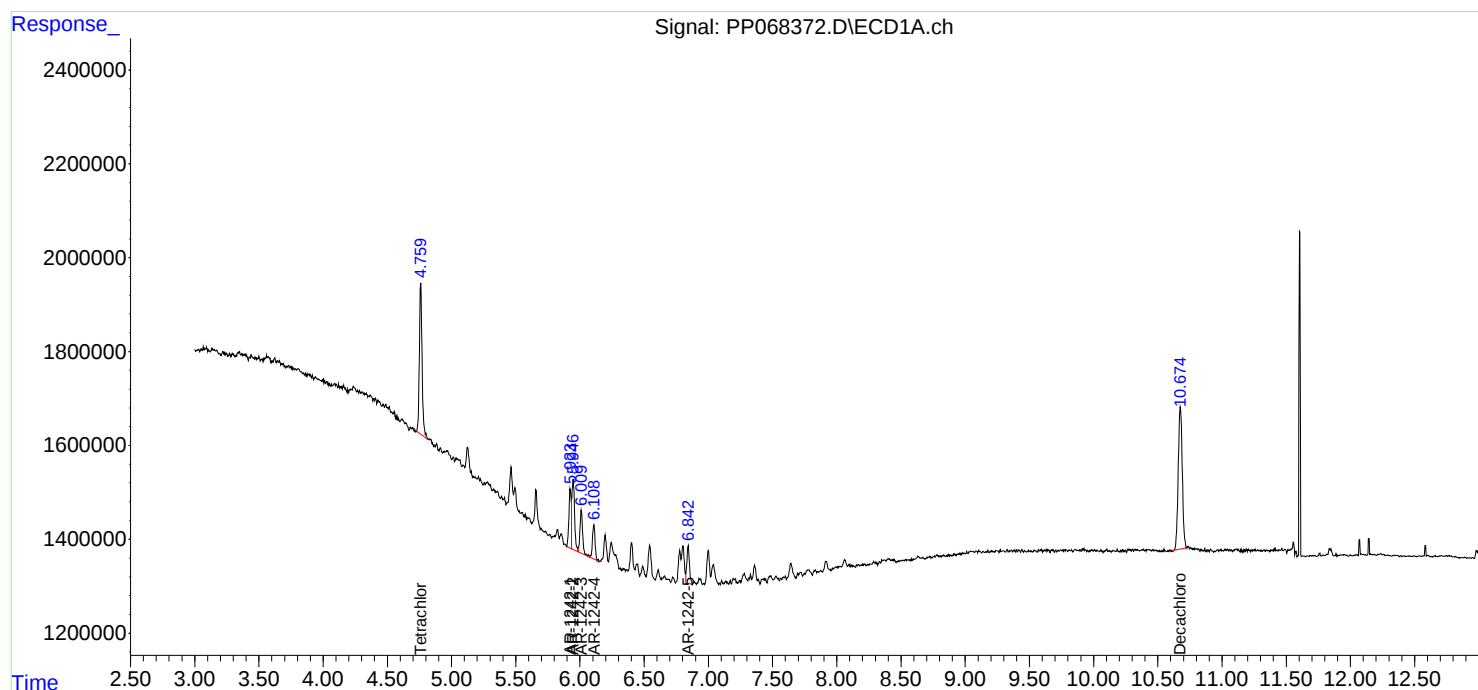
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068372.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 05:45
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 06:17:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 05:36:39 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
 Data File : PP068373.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2024 06:01
 Operator : YP\AJ
 Sample : AR1248ICC1000
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 06:58:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 06:51:17 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.757	4.051	96530101	95022417	92.347	95.889
2) SA Decachlor...	10.672	9.210	116.2E6	107.5E6	90.237	91.496
Target Compounds						
21) L5 AR-1248-1	5.921	5.158	21167087	20444534	891.964	918.589
22) L5 AR-1248-2	6.194	5.398	31519452	29533815	907.820	915.094
23) L5 AR-1248-3	6.399	5.442	34960996	30992675	932.904	914.327
24) L5 AR-1248-4	6.799	5.617	40590754	36032257	942.236	922.924
25) L5 AR-1248-5	6.840	6.015	41079234	34550039	971.700	945.330

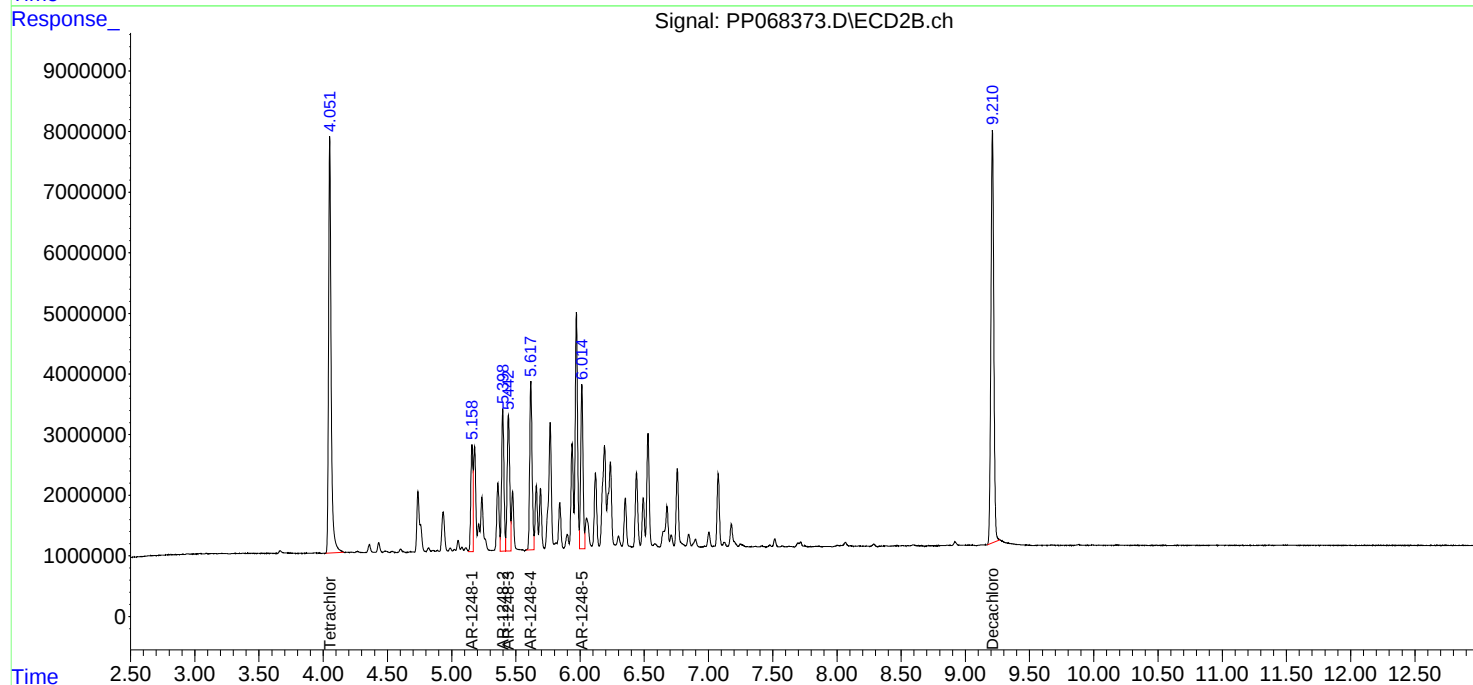
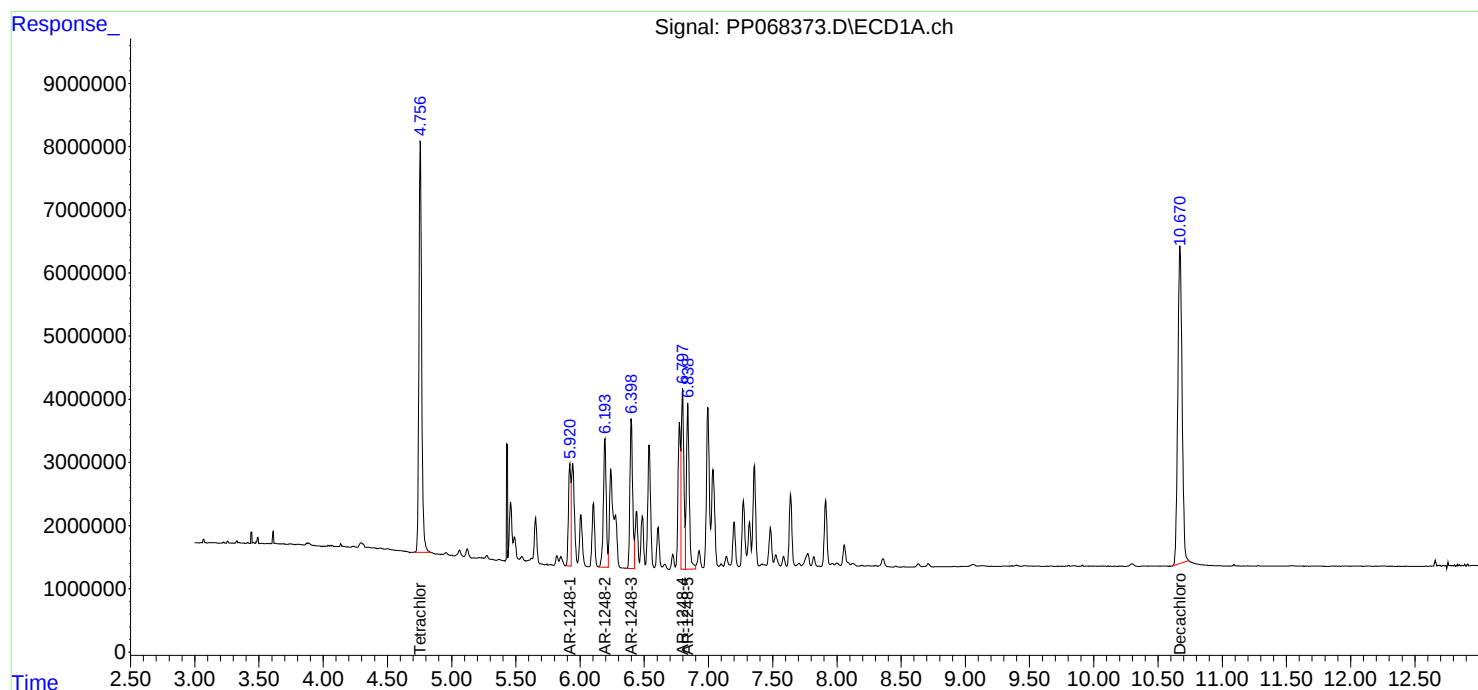
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068373.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 06:01
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 06:58:35 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 06:51:17 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
 Data File : PP068374.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2024 06:18
 Operator : YP\AJ
 Sample : AR1248ICC750
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 06:58:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 06:51:17 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.761	4.051	73204790	72098385	70.033	72.756
2) SA Decachlor...	10.677	9.211	90455884	82736930	70.250	70.402
Target Compounds						
21) L5 AR-1248-1	5.925	5.158	16721420	15166896	704.627	681.460
22) L5 AR-1248-2	6.198	5.398	24472682	22246018	704.859	689.284
23) L5 AR-1248-3	6.404	5.442	26750794	23427091	713.822	691.131
24) L5 AR-1248-4	6.803	5.617	31634549	27154244	734.335	695.524
25) L5 AR-1248-5	6.844	6.014	31495048	26189235	744.993	716.569

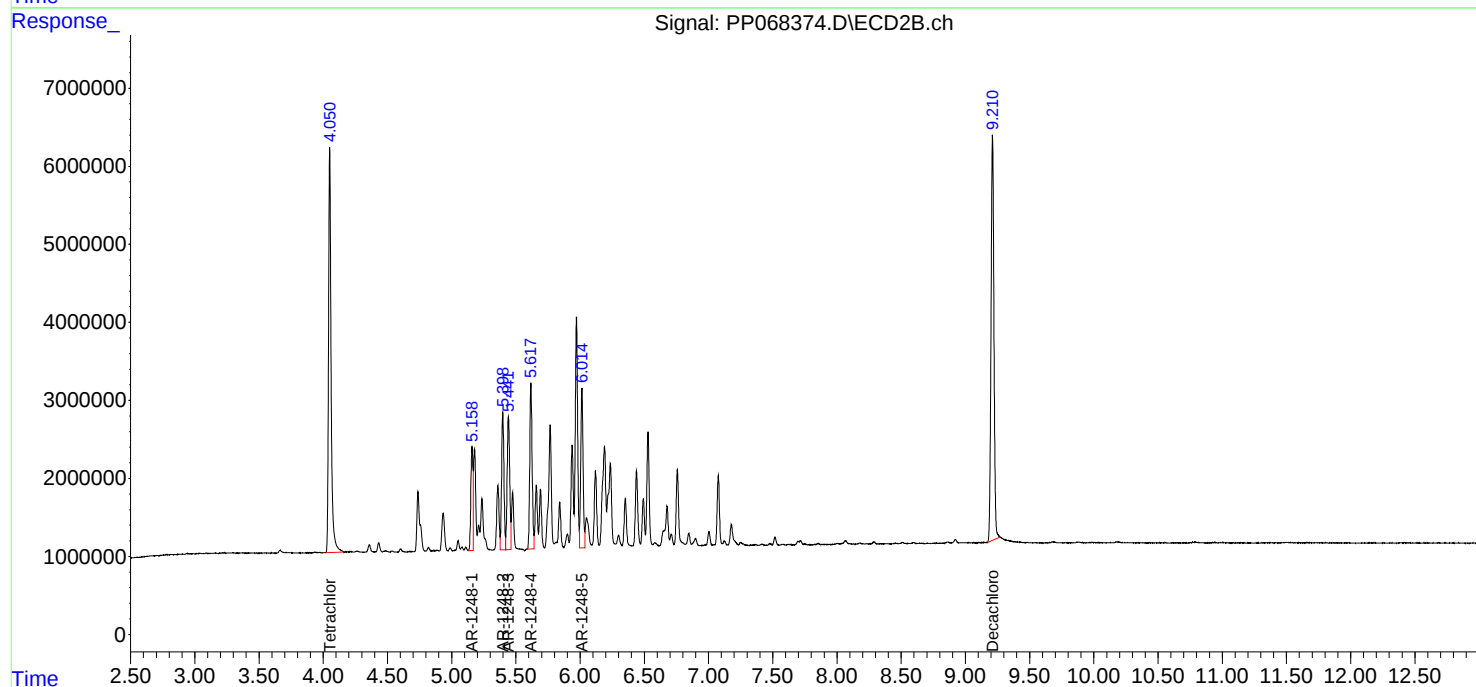
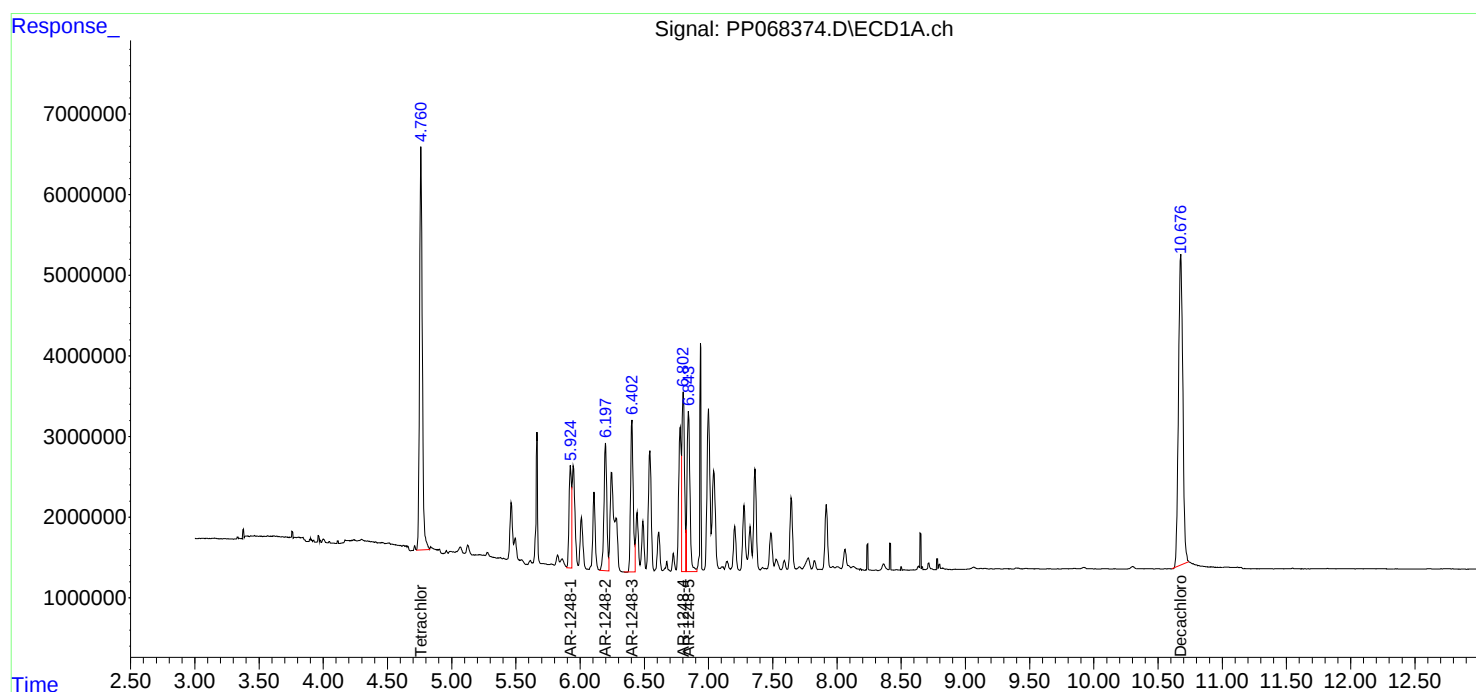
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068374.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 06:18
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 06:58:56 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 06:51:17 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
 Data File : PP068375.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2024 06:34
 Operator : YP\AJ
 Sample : AR1248ICC500
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 06:59:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 06:51:17 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.757	4.050	52264841	49547981	50.000	50.000
2) SA Decachlor...	10.671	9.207	64381459	58760010	50.000	50.000
Target Compounds						
21) L5 AR-1248-1	5.921	5.157	11865437	11128233	500.000	500.000
22) L5 AR-1248-2	6.194	5.397	17359974	16137046	500.000	500.000
23) L5 AR-1248-3	6.399	5.441	18737715	16948361	500.000	500.000
24) L5 AR-1248-4	6.799	5.615	21539593	19520704	500.000	500.000
25) L5 AR-1248-5	6.839	6.012	21137823	18274058	500.000	500.000

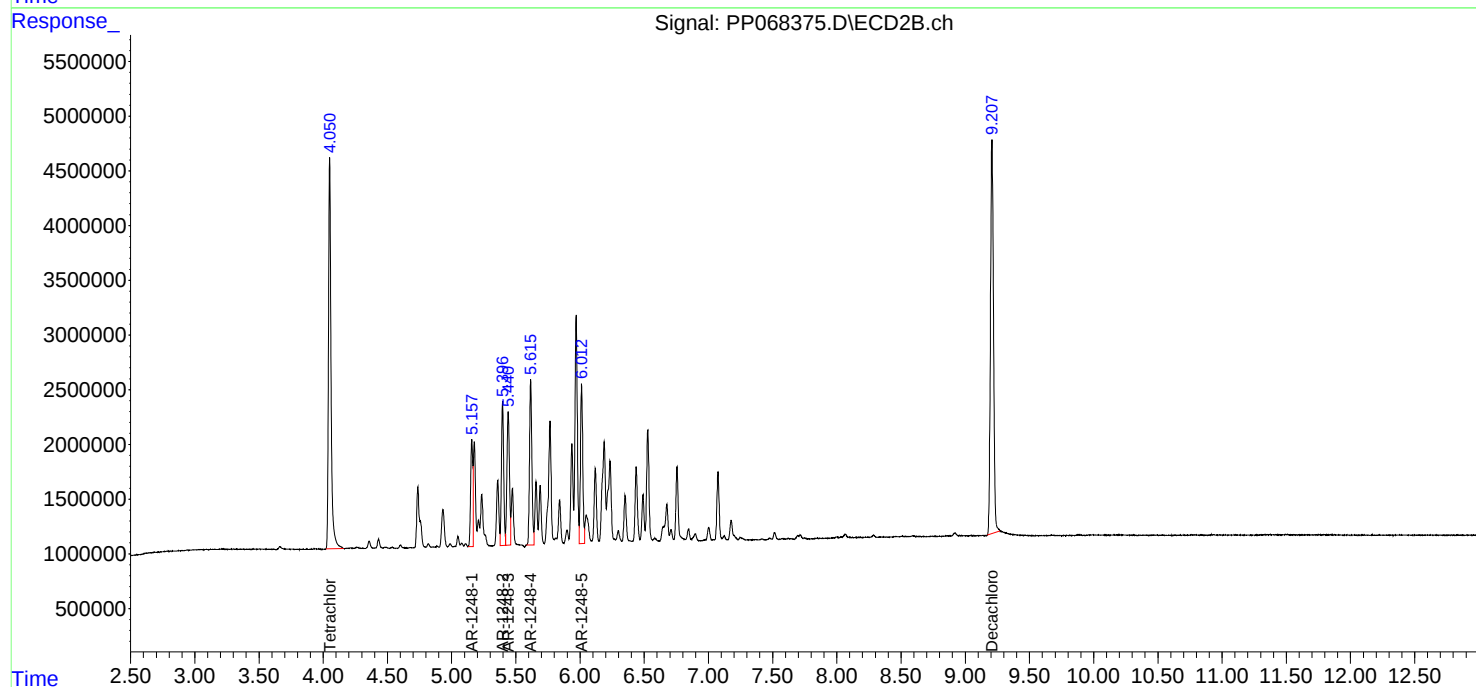
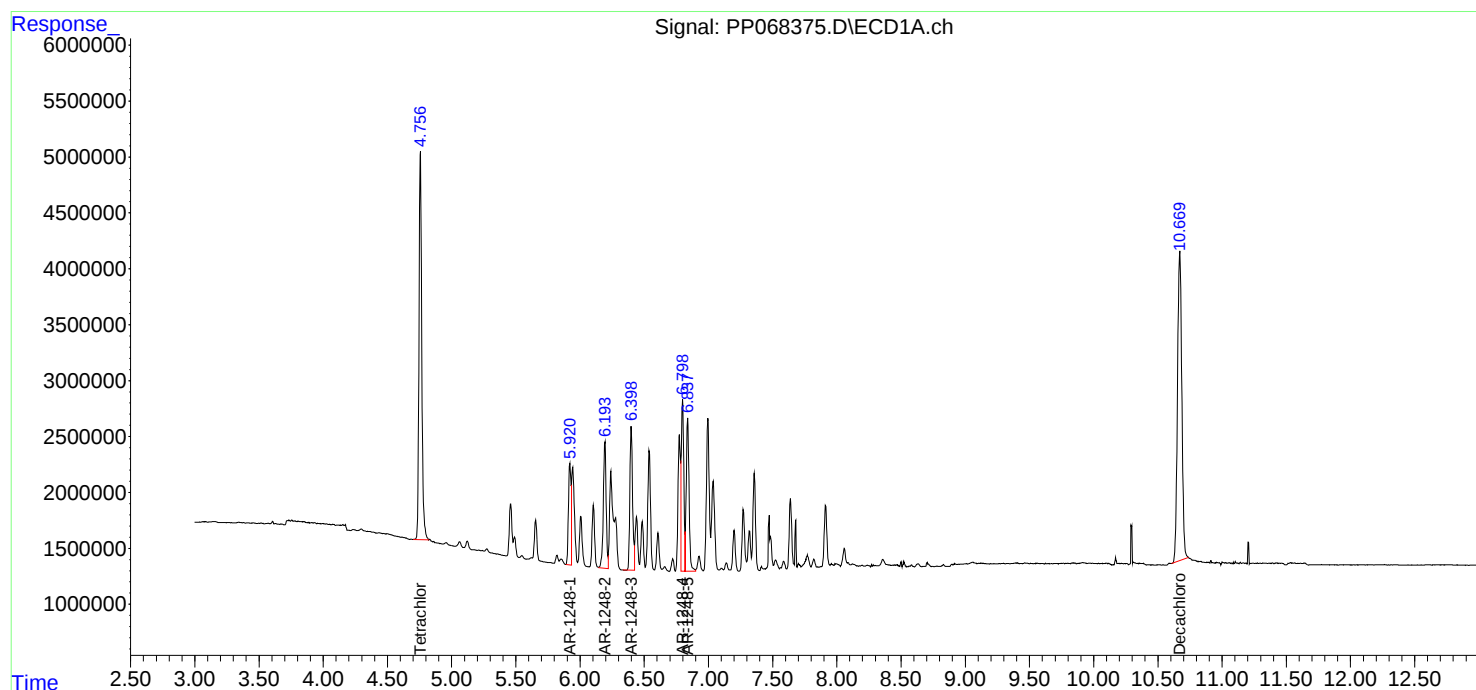
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068375.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 06:34
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 06:59:17 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 06:51:17 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
 Data File : PP068376.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2024 06:50
 Operator : YP\AJ
 Sample : AR1248ICC250
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC250

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/11/2024
 Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 07:04:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 06:51:17 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.757	4.050	25555780	25959761	25.670	26.832
2) SA Decachlor...	10.670	9.209	34717264	31159867	28.491	27.874
Target Compounds						
21) L5 AR-1248-1	5.920	5.157	6190631	5821980	276.395	277.574
22) L5 AR-1248-2	6.194	5.397	8965381	8710730	272.036	285.694
23) L5 AR-1248-3	6.397	5.441	10144567	9153534	281.522m	285.674
24) L5 AR-1248-4	6.799	5.616	11882340	10721414	283.252	289.041
25) L5 AR-1248-5	6.838	6.013	11818508	10171757	282.856	287.833

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068376.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 06:50
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

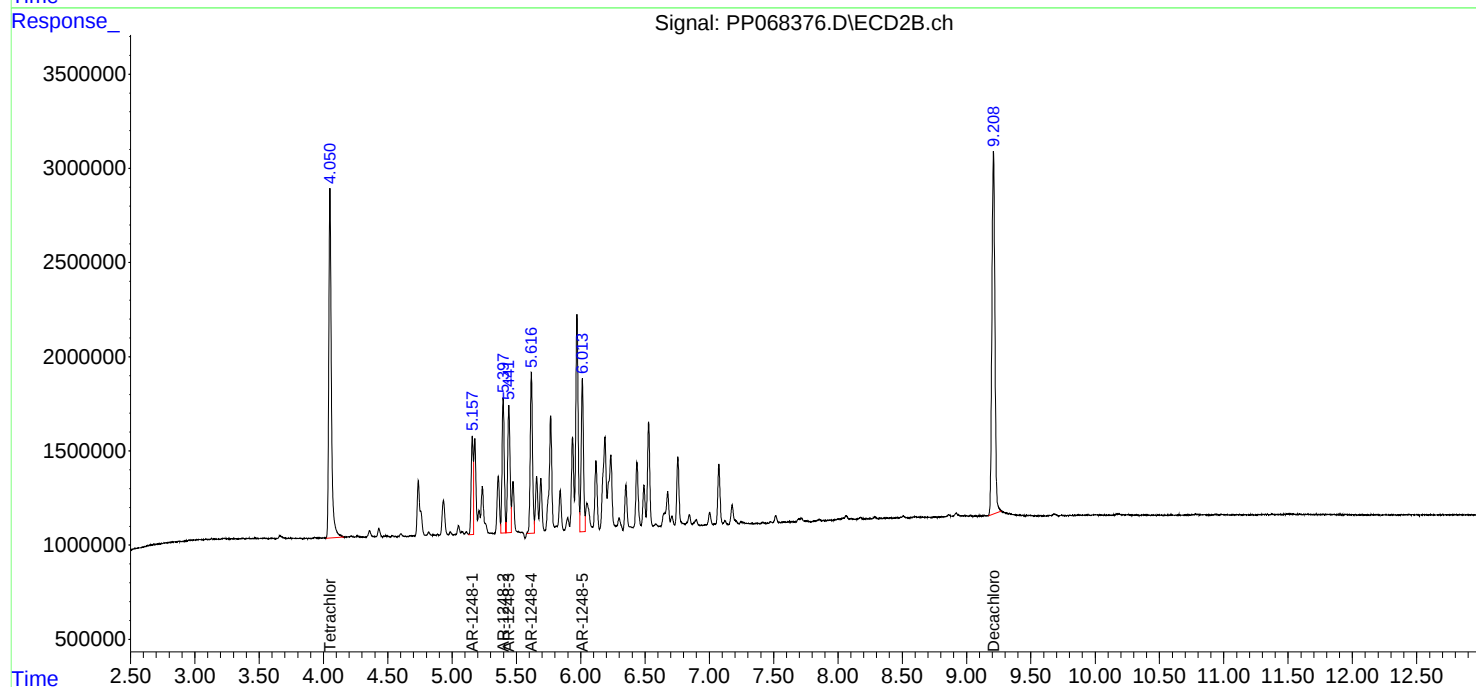
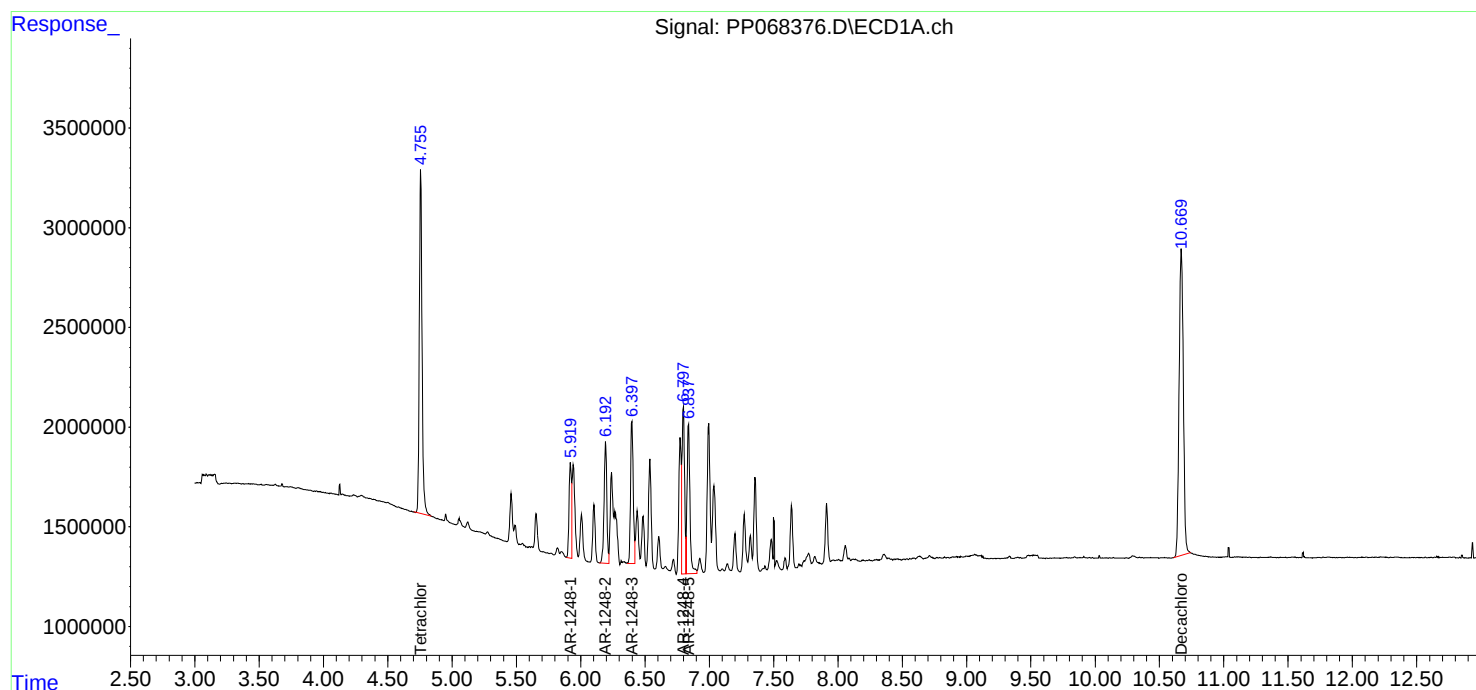
Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 07:04:14 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 06:51:17 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
 Data File : PP068377.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2024 07:07
 Operator : YP\AJ
 Sample : AR1248ICC050
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 07:23:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 07:22:18 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.759	4.050	4528863	4576408	4.333	4.618
2) SA Decachlor...	10.674	9.208	6587334	6156421	5.116	5.239
Target Compounds						
21) L5 AR-1248-1	5.923	5.156	1043327	1151288	43.965	51.728
22) L5 AR-1248-2	6.197	5.397	1666097	1676654	47.987	51.950
23) L5 AR-1248-3	6.402	5.440	1694797	1740066	45.224	51.334
24) L5 AR-1248-4	6.802	5.615	2027482	1998950	47.064	51.201
25) L5 AR-1248-5	6.842	6.012	1753691	1931861	41.482	52.858 #

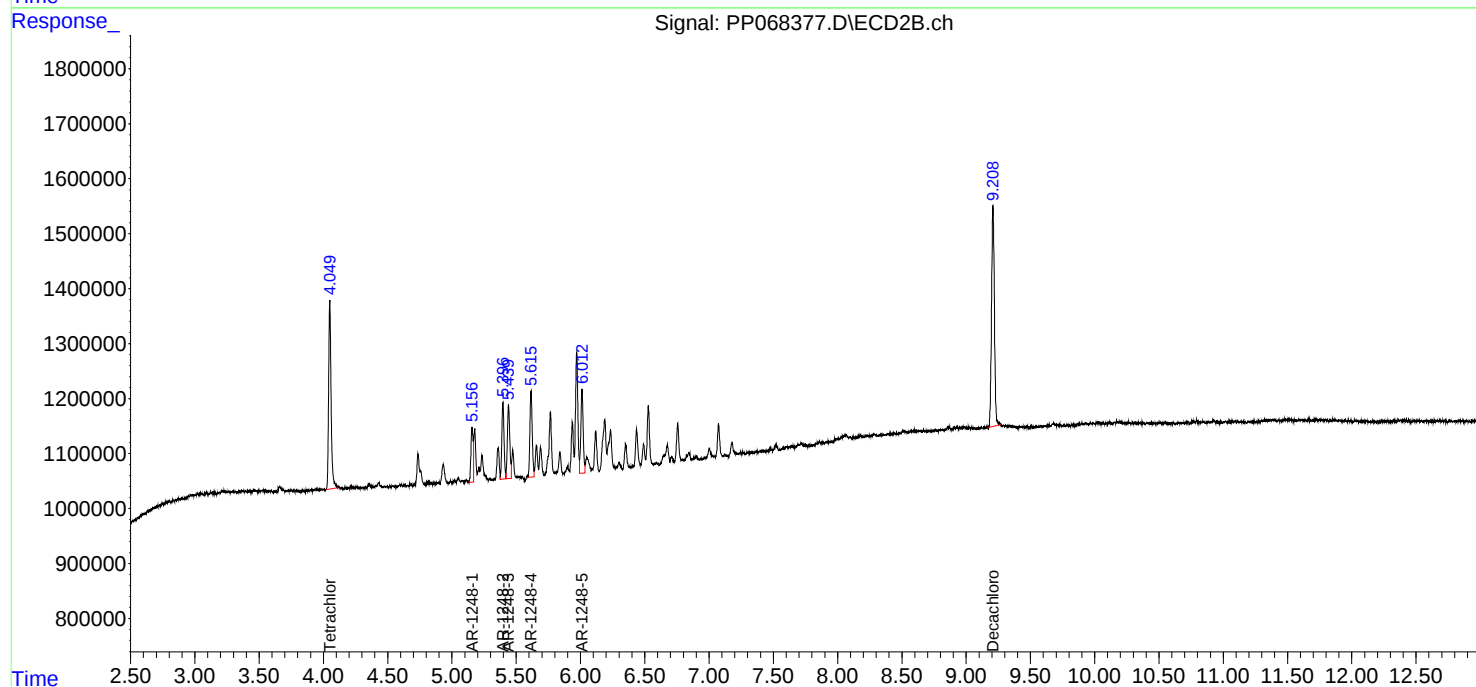
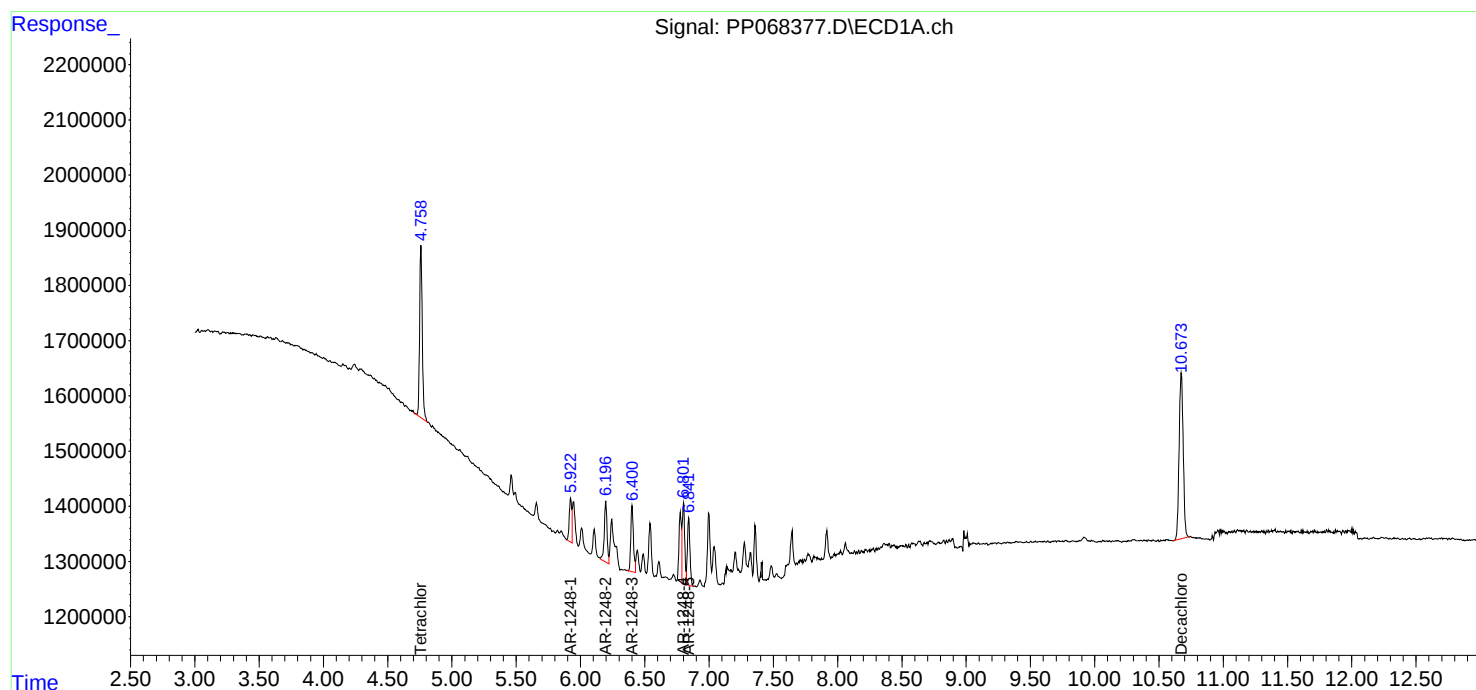
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068377.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 07:07
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 07:23:16 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 07:22:18 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
 Data File : PP068378.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2024 07:23
 Operator : YP\AJ
 Sample : AR1254ICC1000
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC1000

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/11/2024
 Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 09:53:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 09:47:38 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.757	4.050	98906691	98166081	99.647	98.675
2) SA Decachlor...	10.669	9.208	118.4E6	110.1E6	95.937	95.442
Target Compounds						
26) L6 AR-1254-1	6.774	5.972	45656926	54665587	938.538m	948.417
27) L6 AR-1254-2	6.993	6.118	61419018	47820782	968.856	948.634
28) L6 AR-1254-3	7.358	6.528	65006662	78076384	973.954	965.144
29) L6 AR-1254-4	7.640	6.756	47495422	45870471	969.884	964.598
30) L6 AR-1254-5	8.057	7.178	57629379	70292397	967.480m	976.325

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068378.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 07:23
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

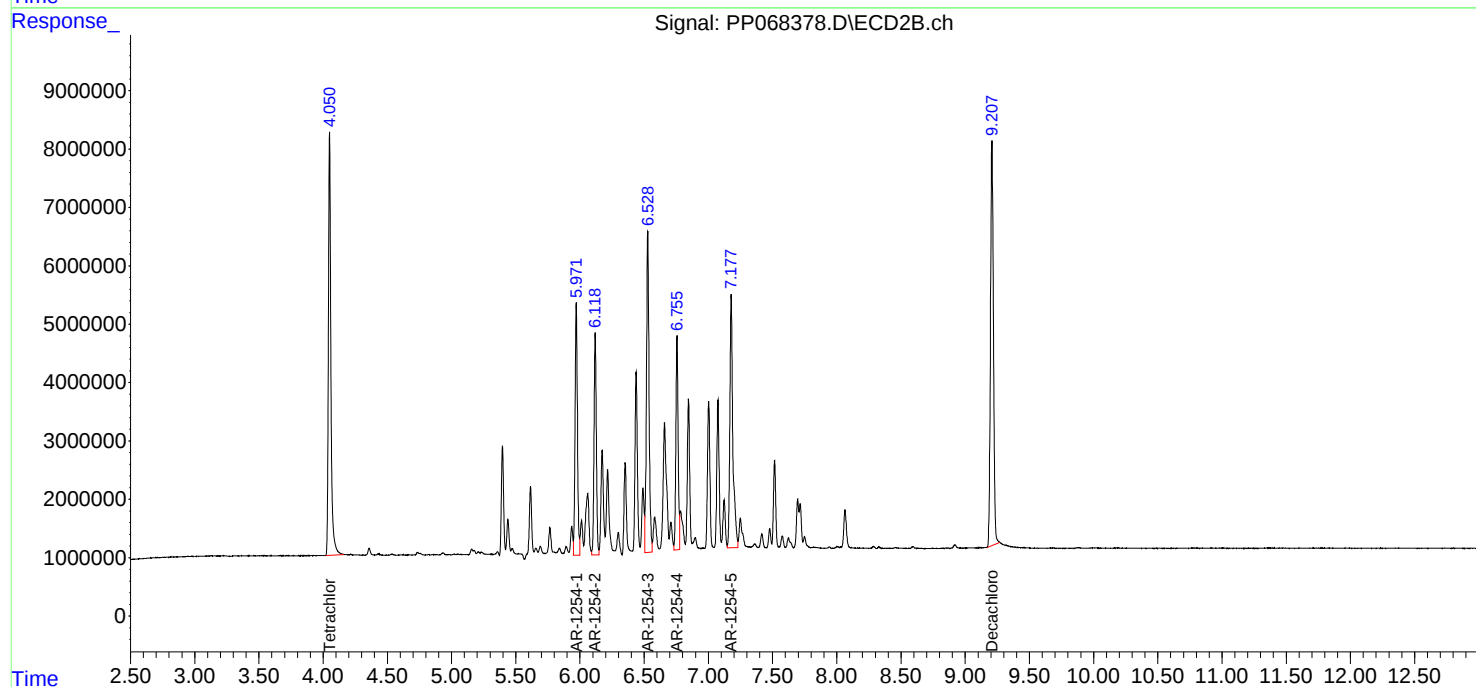
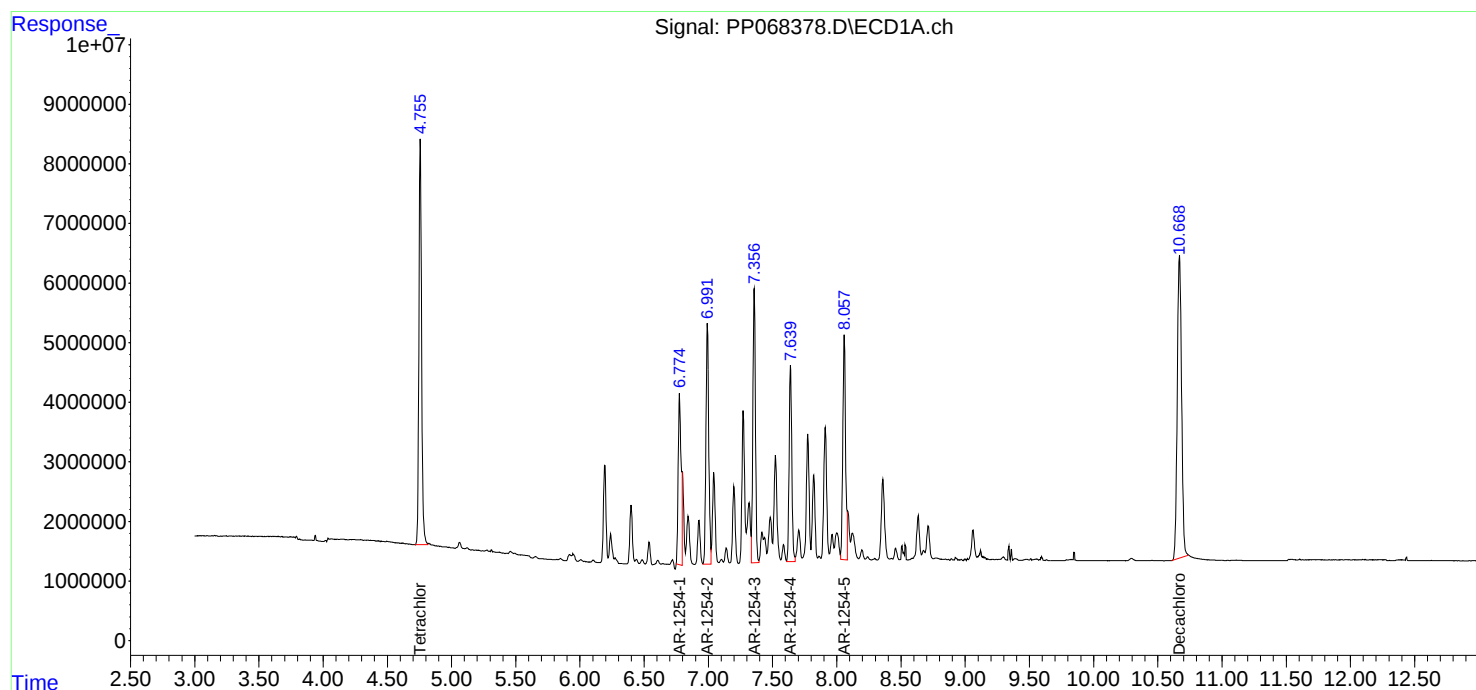
Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 09:53:19 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 09:47:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
 Data File : PP068379.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2024 07:39
 Operator : YP\AJ
 Sample : AR1254ICC750
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC750

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/11/2024
 Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 09:56:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 09:47:38 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.758	4.051	73138766	72824240	74.119	73.792
2) SA Decachlor...	10.672	9.210	90848573	84413757	74.072	73.757
Target Compounds						
26) L6 AR-1254-1	6.776	5.973	34778088	43052180	739.472m	747.951
27) L6 AR-1254-2	6.995	6.120	46567486	37049264	739.649	739.903
28) L6 AR-1254-3	7.359	6.529	49804825	59696040	747.459	741.913
29) L6 AR-1254-4	7.642	6.757	36562831	35361668	747.753	745.729
30) L6 AR-1254-5	8.060	7.178	43554556	53183280	738.602	742.421

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068379.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 07:39
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

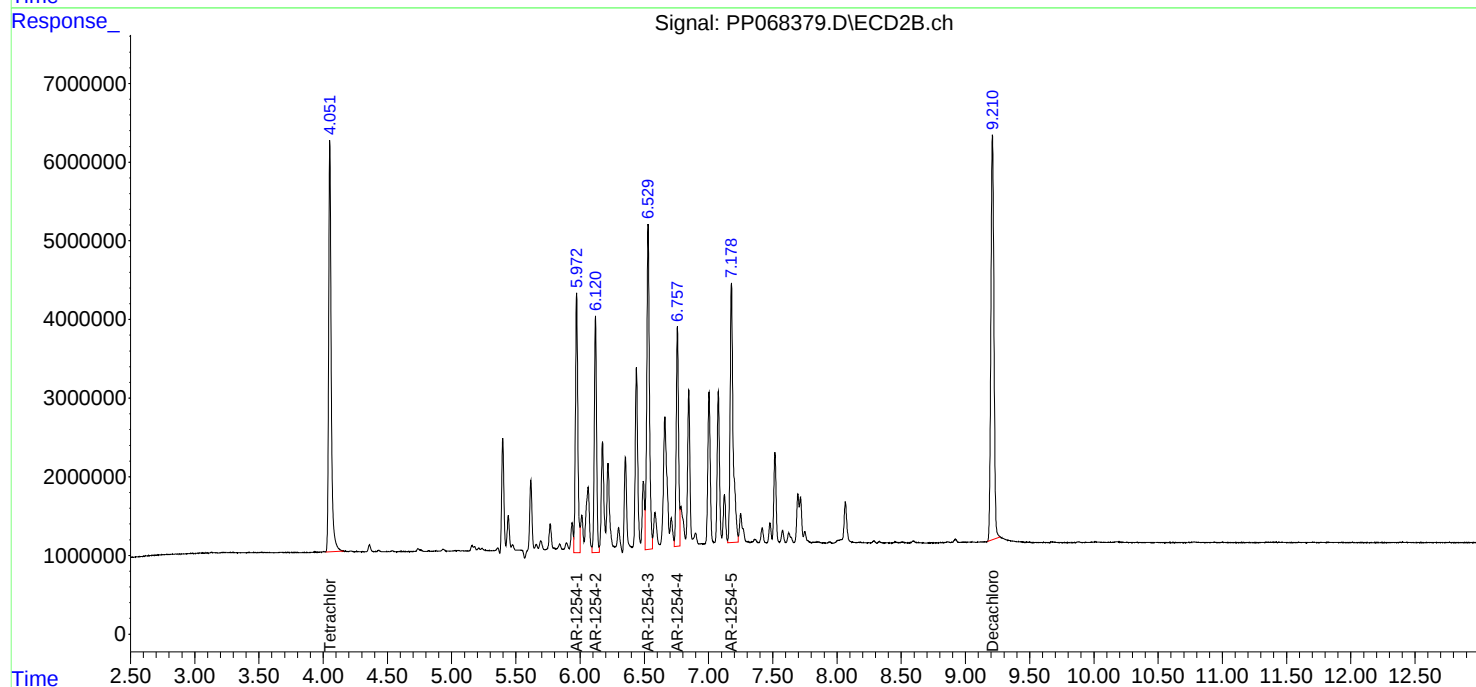
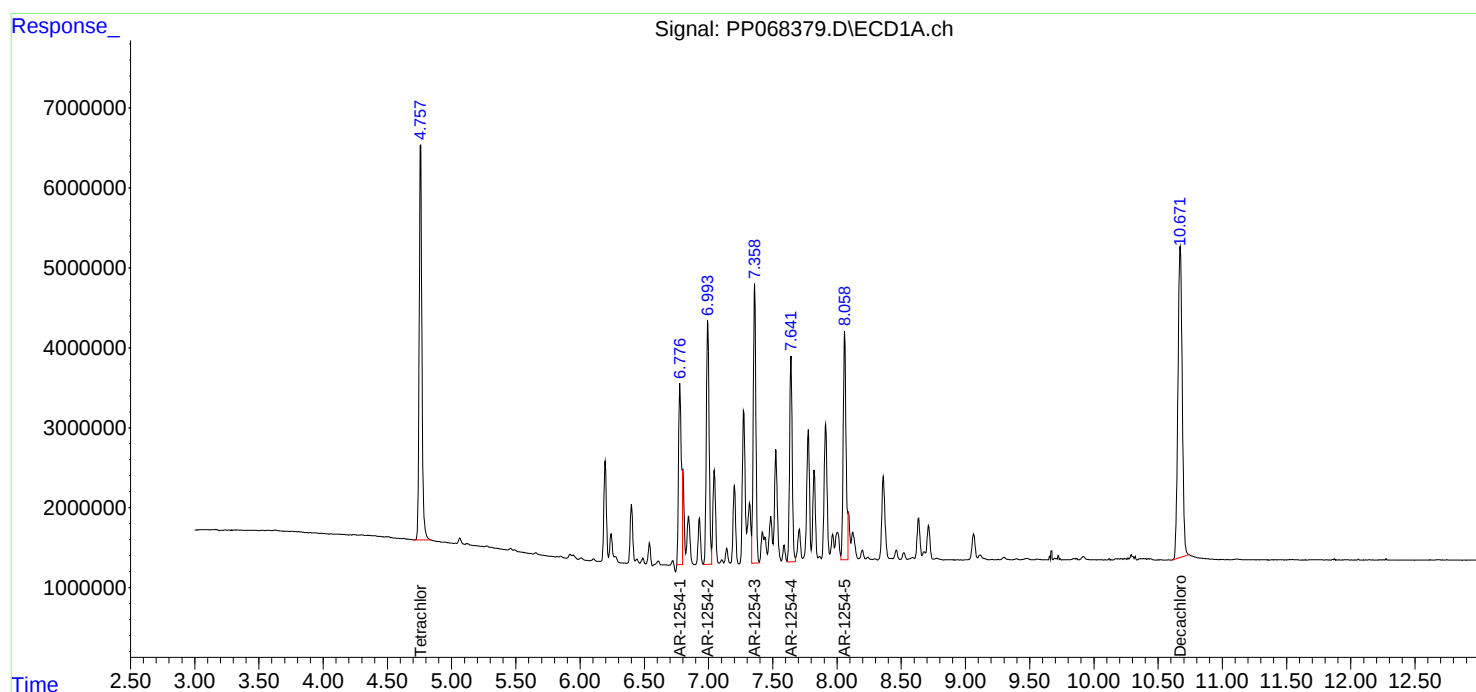
Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 09:56:22 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 09:47:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
 Data File : PP068380.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2024 07:56
 Operator : YP\AJ
 Sample : AR1254ICC500
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC500

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/11/2024
 Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 09:49:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 09:47:38 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.760	4.050	49803816	50400916	50.000	50.000
2) SA Decachlor...	10.673	9.208	64210545	60328289	50.000	50.000
Target Compounds						
26) L6 AR-1254-1	6.779	5.972	24295854	30305971	505.197m	500.000
27) L6 AR-1254-2	6.997	6.119	32683808	26499770	500.000	500.000
28) L6 AR-1254-3	7.361	6.528	34241792	41857886	500.000	500.000
29) L6 AR-1254-4	7.644	6.756	25222520	24618732	500.000	500.000
30) L6 AR-1254-5	8.060	7.178	30602299	36850719	499.003m	500.000

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068380.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 07:56
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

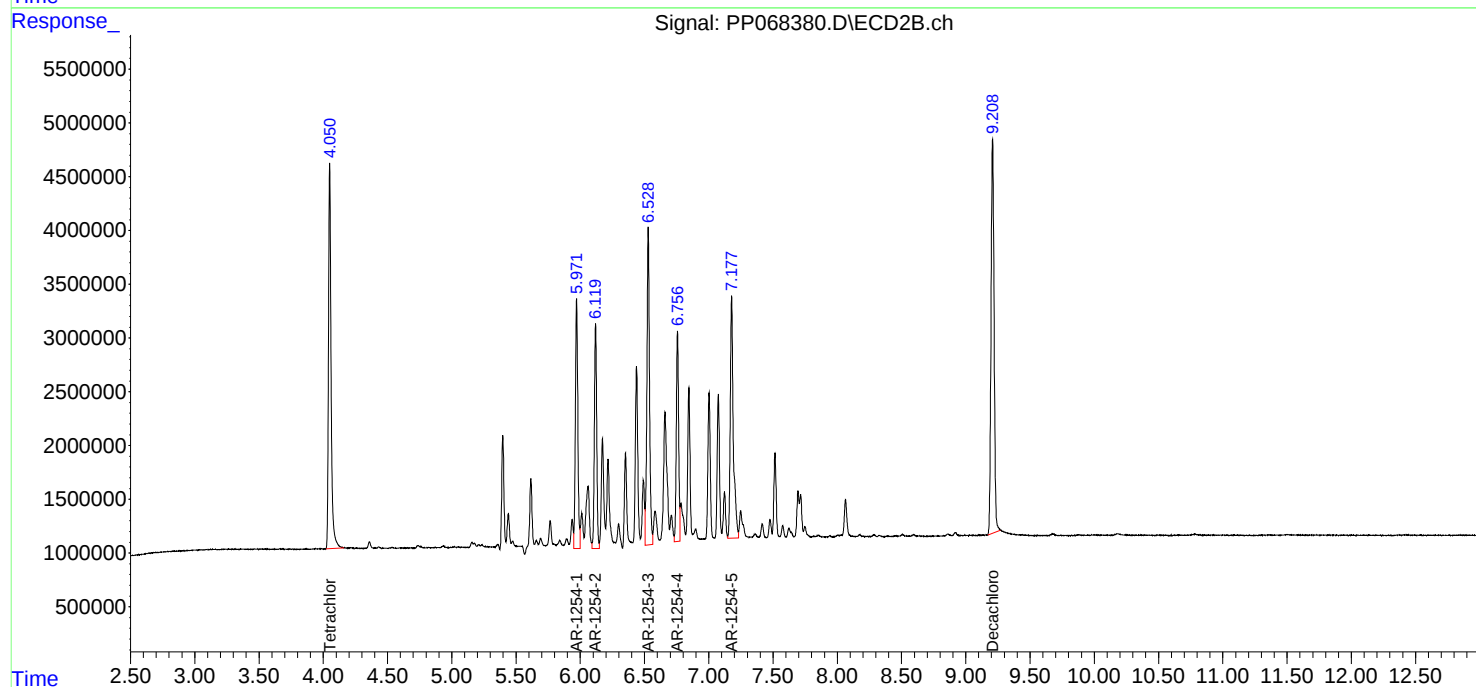
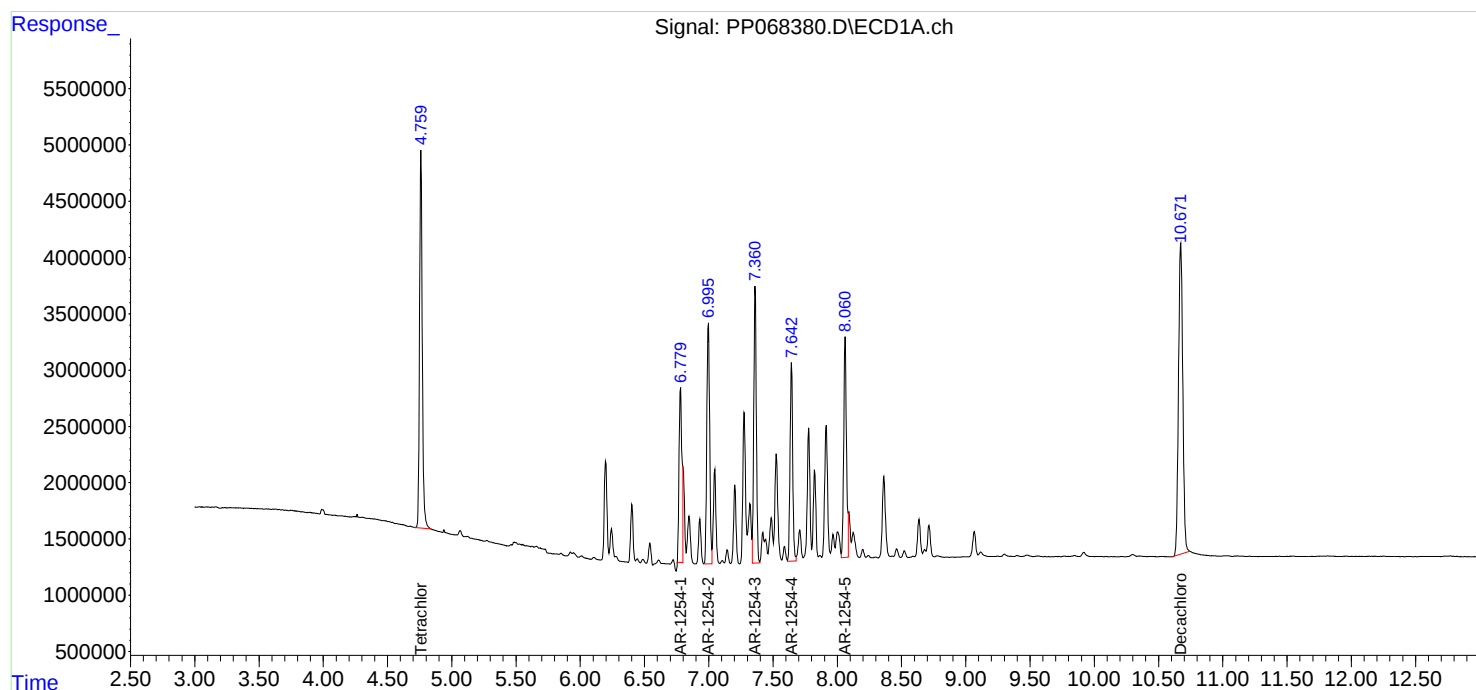
Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 09:49:12 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 09:47:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
 Data File : PP068381.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2024 08:12
 Operator : YP\AJ
 Sample : AR1254ICC250
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC250

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/11/2024
 Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 10:00:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 09:47:38 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.756	4.050	25527214	25969085	25.646	25.973
2) SA Decachlor...	10.669	9.208	34770940	31662767	27.431	26.947
Target Compounds						
26) L6 AR-1254-1	6.774	5.972	13849654	17726243	281.303m	291.089
27) L6 AR-1254-2	6.992	6.119	18308771	15268489	279.404	289.048
28) L6 AR-1254-3	7.357	6.528	19166837	23028807	277.214	276.206
29) L6 AR-1254-4	7.640	6.756	14778004	13374714	287.226	273.294
30) L6 AR-1254-5	8.057	7.177	17343860	19103933	283.902m	262.308

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068381.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 08:12
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

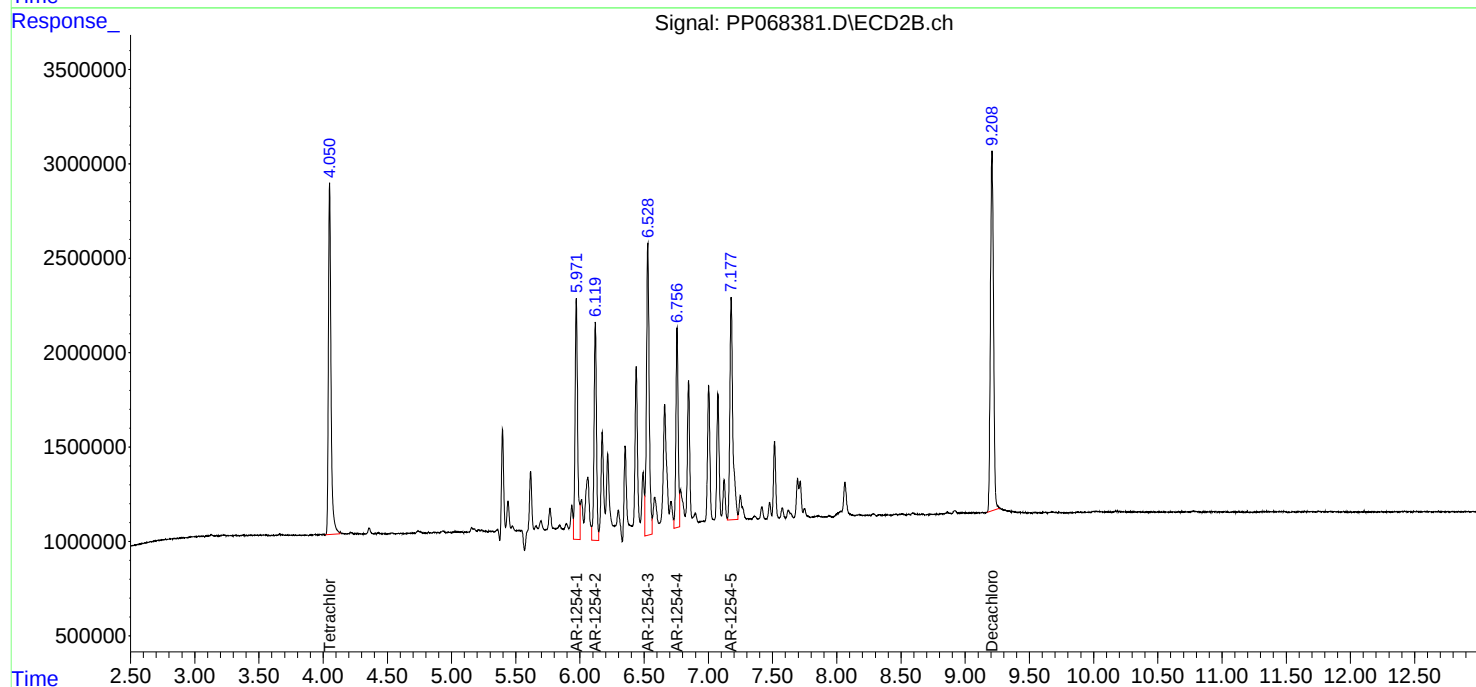
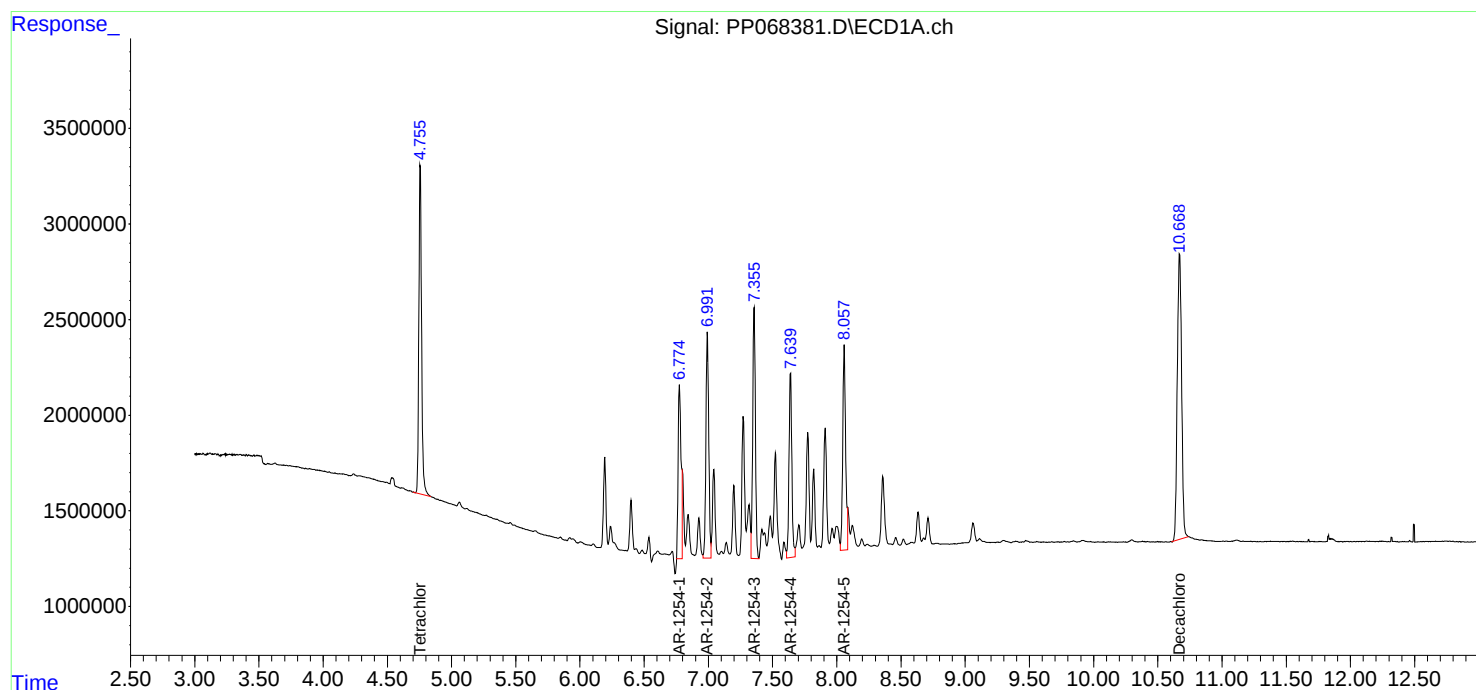
Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 10:00:20 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 09:47:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
 Data File : PP068382.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2024 08:28
 Operator : YP\AJ
 Sample : AR1254ICC050
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/11/2024
 Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 10:04:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 09:47:38 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.756	4.050	4943066	4296426	4.973	4.421
2) SA Decachlor...	10.672	9.209	6884954	6394579	5.339	5.348
Target Compounds						
26) L6 AR-1254-1	6.774	5.972	3170700	2981204	60.578m	48.976m
27) L6 AR-1254-2	6.993	6.119	3953788	2619164	57.942	49.500m
28) L6 AR-1254-3	7.356	6.528	4036302	4140204	56.942m	50.021m
29) L6 AR-1254-4	7.640	6.756	3163428	2369114	58.327m	49.154m
30) L6 AR-1254-5	8.057	7.178	3352572	4092382	53.414m	54.833

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068382.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 08:28
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

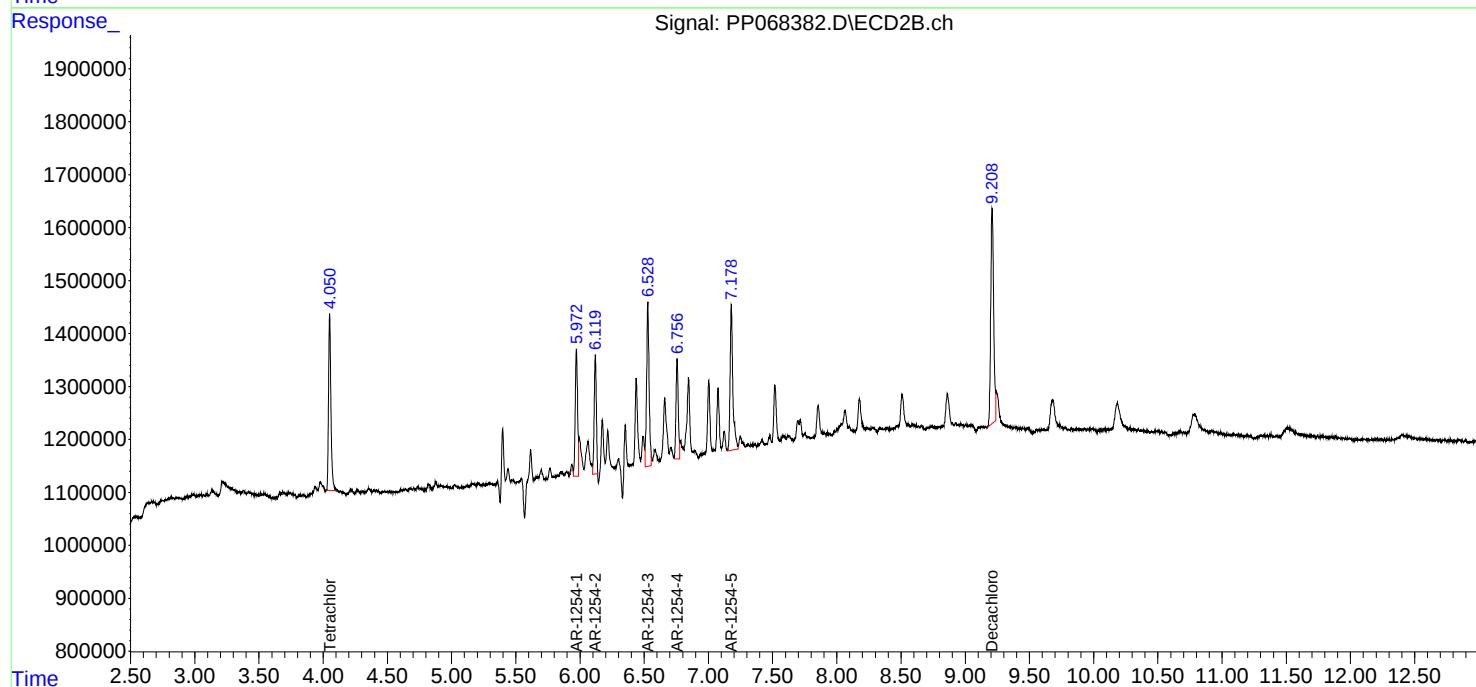
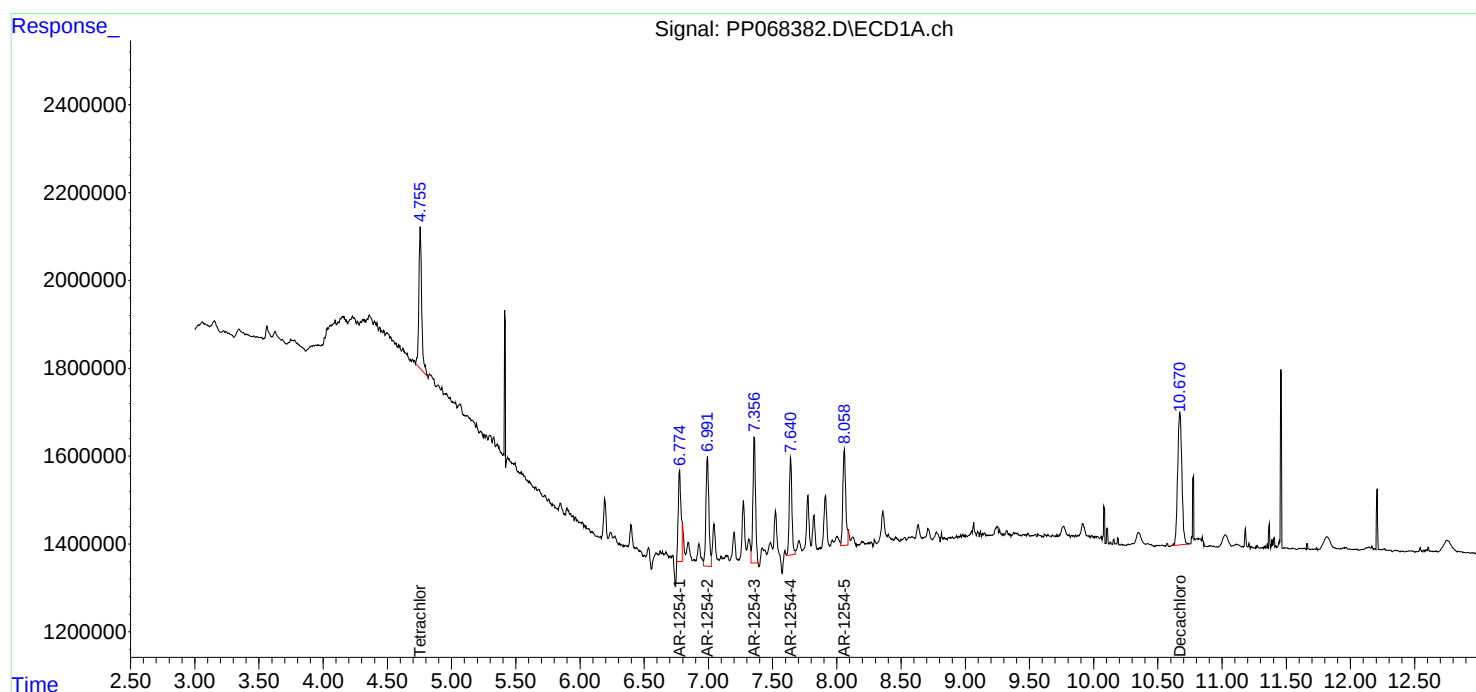
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 10:04:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 09:47:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
 Data File : PP068383.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2024 08:45
 Operator : YP\AJ
 Sample : AR1262ICC500
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1262ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 10:09:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 10:09:40 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.760	4.050	53683600	49761608	50.000	50.000
2) SA Decachlor...	10.672	9.207	64321936	57930967	50.000	50.000
Target Compounds						
36) L8 AR-1262-1	8.379	7.214	37066426	38798254	500.000	500.000
37) L8 AR-1262-2	8.714	7.475	64499322	35347289	500.000	500.000
38) L8 AR-1262-3	9.054	8.001	47840523	29423736	500.000	500.000
39) L8 AR-1262-4	9.146	8.064	38193396	51800808	500.000	500.000
40) L8 AR-1262-5	9.847	8.591	26741416	25345673	500.000	500.000

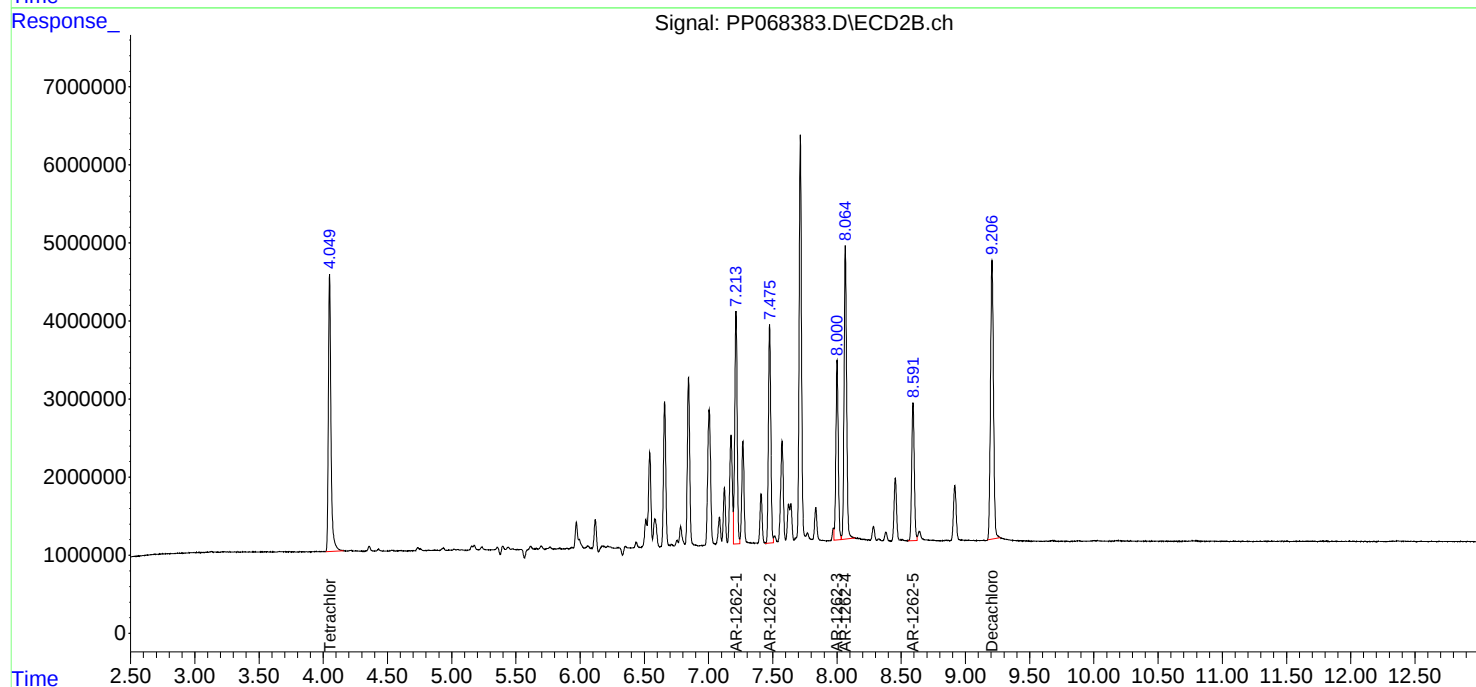
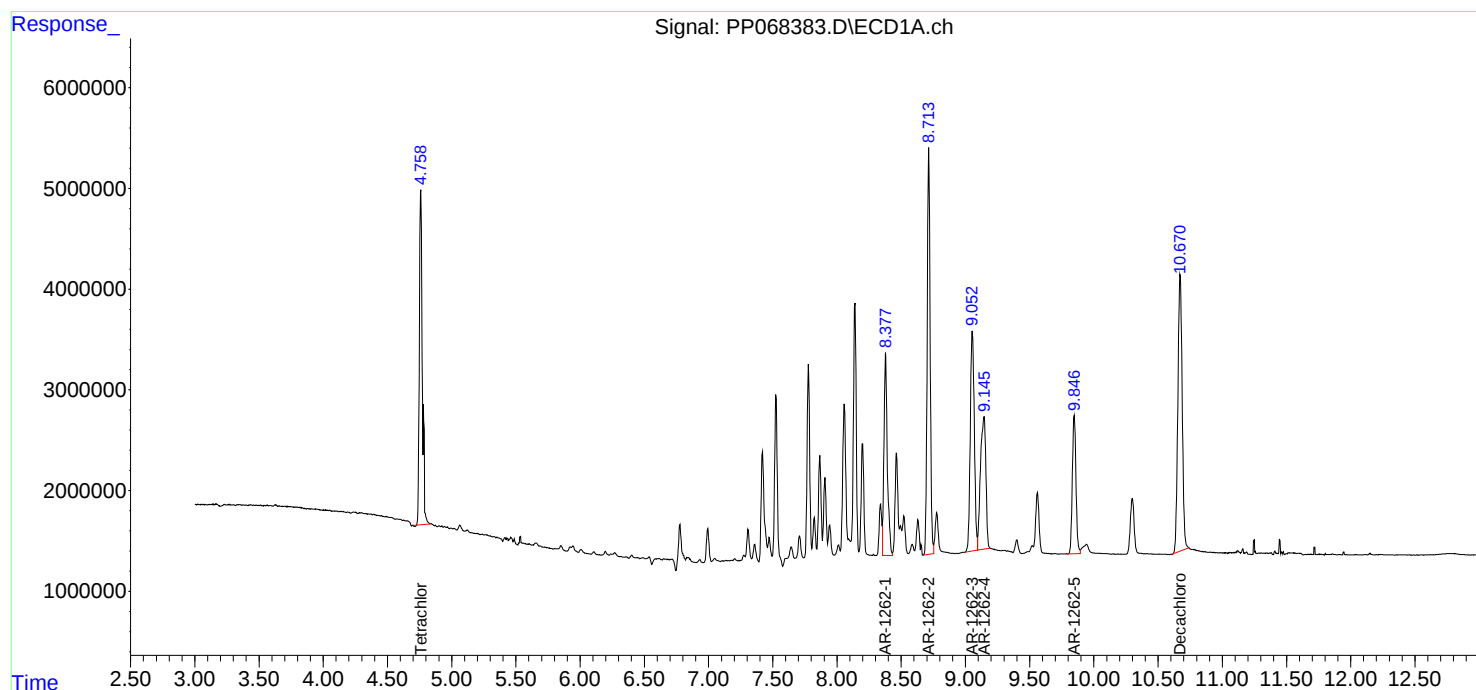
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068383.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 08:45
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 10:09:55 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 10:09:40 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
 Data File : PP068384.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2024 09:01
 Operator : YP\AJ
 Sample : AR1268ICC1000
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC1000

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/11/2024
 Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 10:15:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 10:12:44 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.755	4.050	99980200	97346974	97.667	98.541
2) SA Decachlor...	10.667	9.207	194.9E6	182.2E6	96.595	97.507
Target Compounds						
41) L9 AR-1268-1	9.045	8.001	148.6E6	151.3E6	972.887m	983.758
42) L9 AR-1268-2	9.146	8.066	135.1E6	137.7E6	969.186	981.952
43) L9 AR-1268-3	9.395	8.285	121.1E6	120.3E6	979.173m	977.216
44) L9 AR-1268-4	9.843	8.592	55813556	53869021	983.009	969.445
45) L9 AR-1268-5	10.294	8.918	385.9E6	373.7E6	981.087	989.050

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068384.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 09:01
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

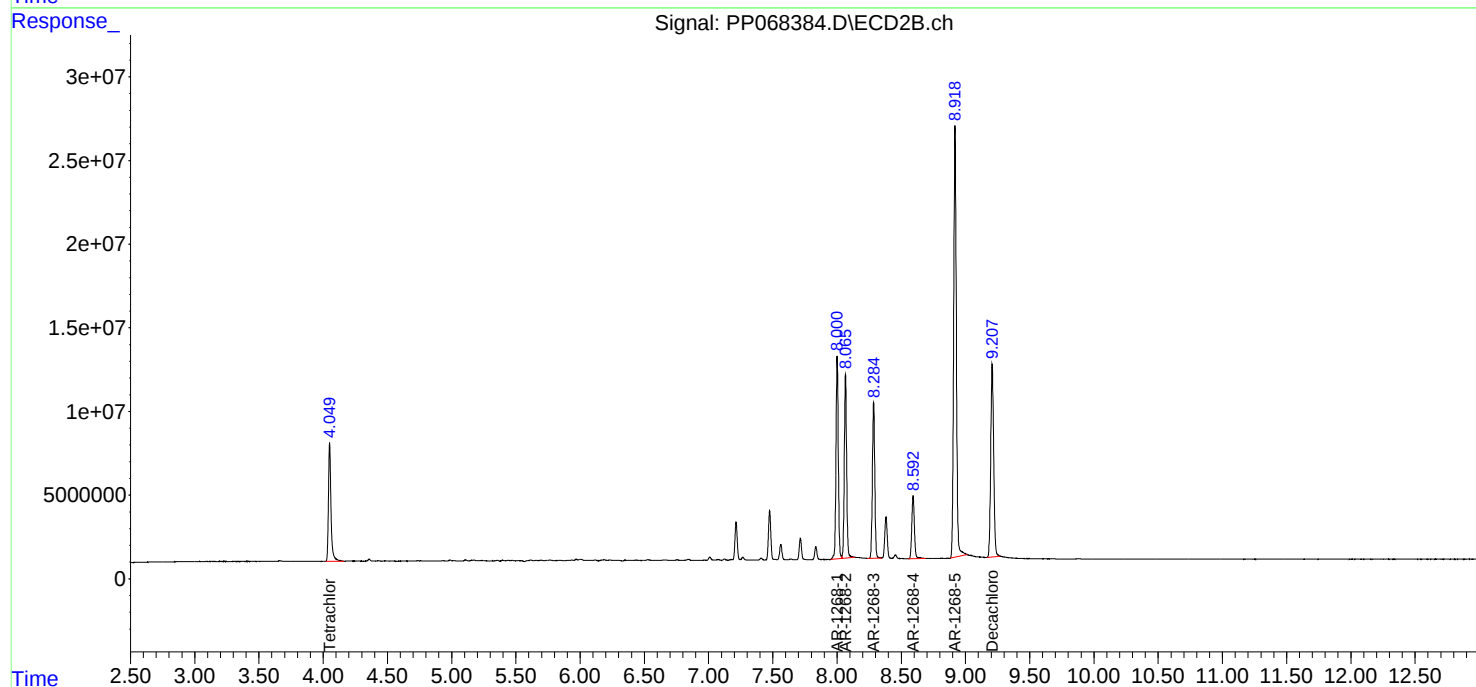
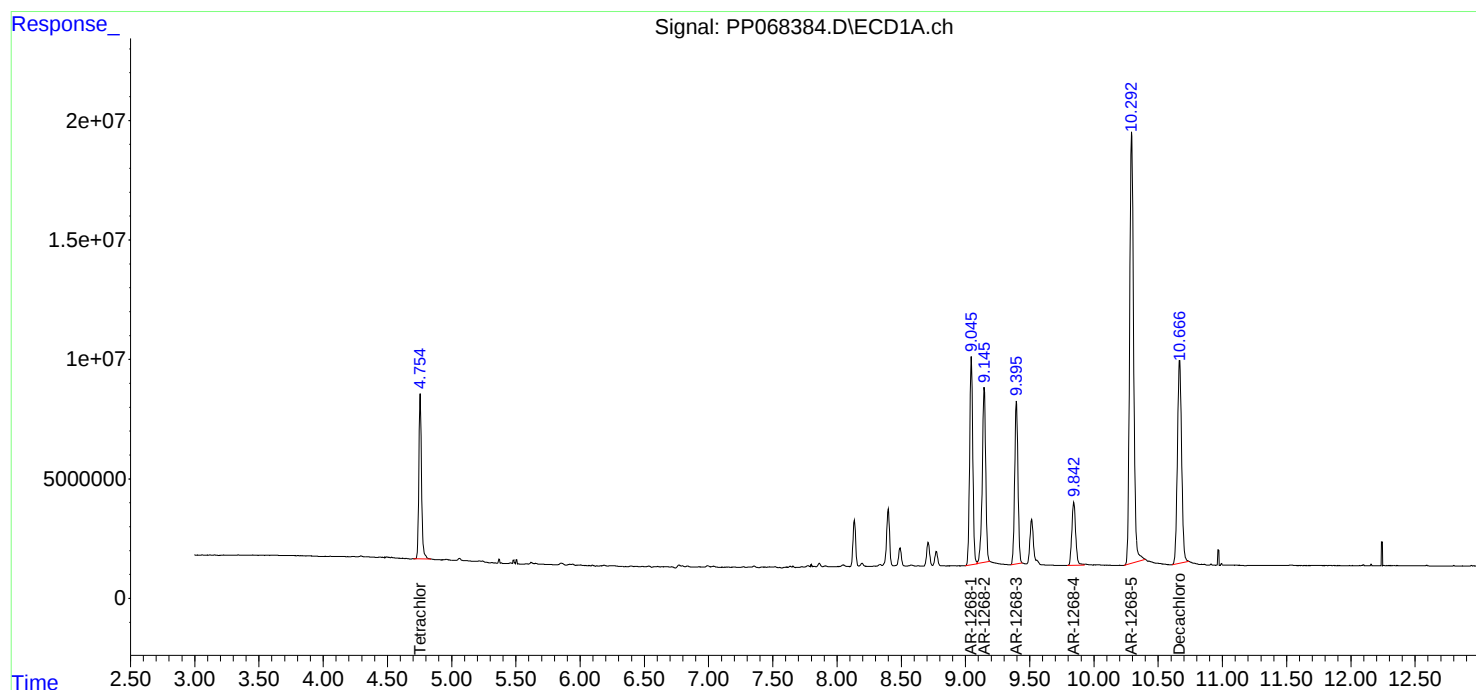
Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 10:15:31 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 10:12:44 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
 Data File : PP068385.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2024 09:17
 Operator : YP\AJ
 Sample : AR1268ICC750
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC750

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/11/2024
 Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 10:18:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 10:12:44 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.759	4.050	73623477	72510942	72.918	73.926
2) SA Decachlor...	10.672	9.208	146.7E6	139.8E6	73.456	74.853
Target Compounds						
41) L9 AR-1268-1	9.049	8.001	111.8E6	115.0E6	738.150m	748.529
42) L9 AR-1268-2	9.150	8.066	101.9E6	104.6E6	736.936	747.332
43) L9 AR-1268-3	9.399	8.285	91495085	91785879	743.090m	747.049
44) L9 AR-1268-4	9.848	8.592	40875359	41388287	729.669	746.550
45) L9 AR-1268-5	10.300	8.918	289.5E6	282.6E6	740.634	748.714

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068385.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 09:17
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

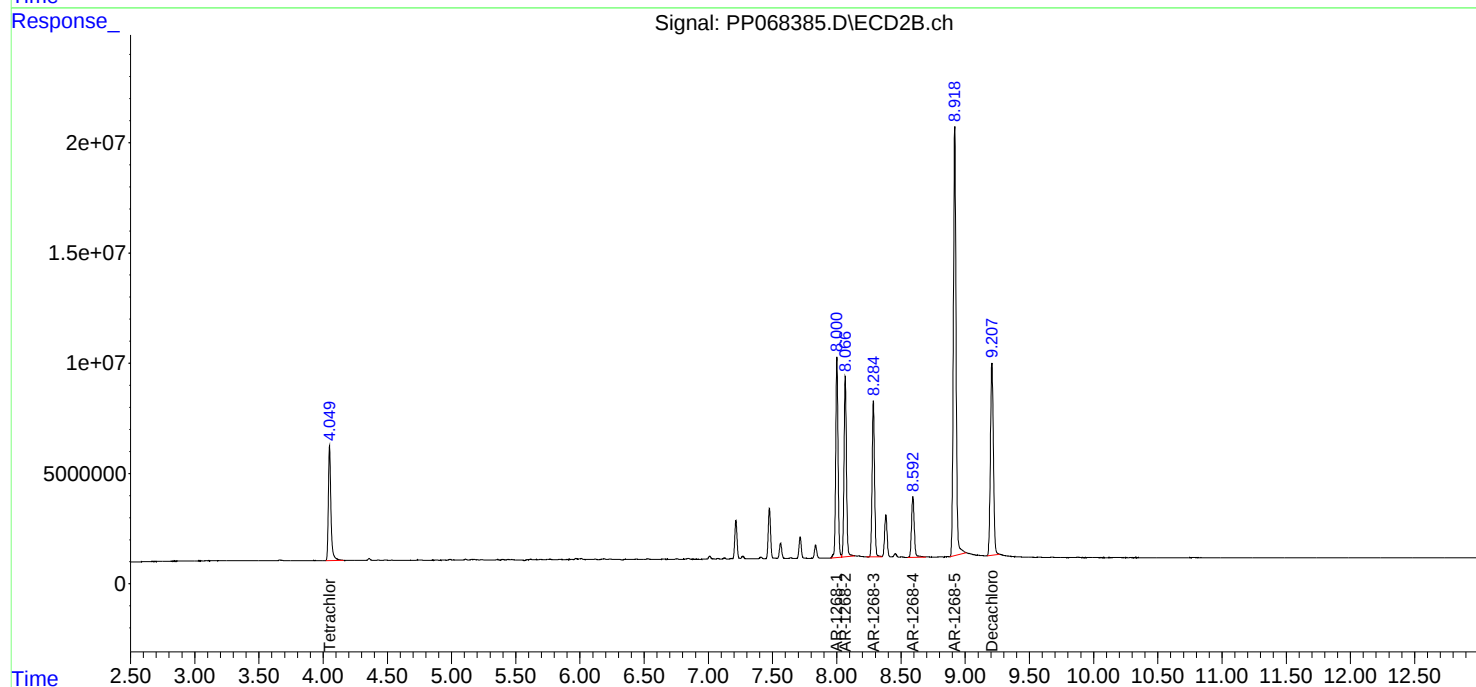
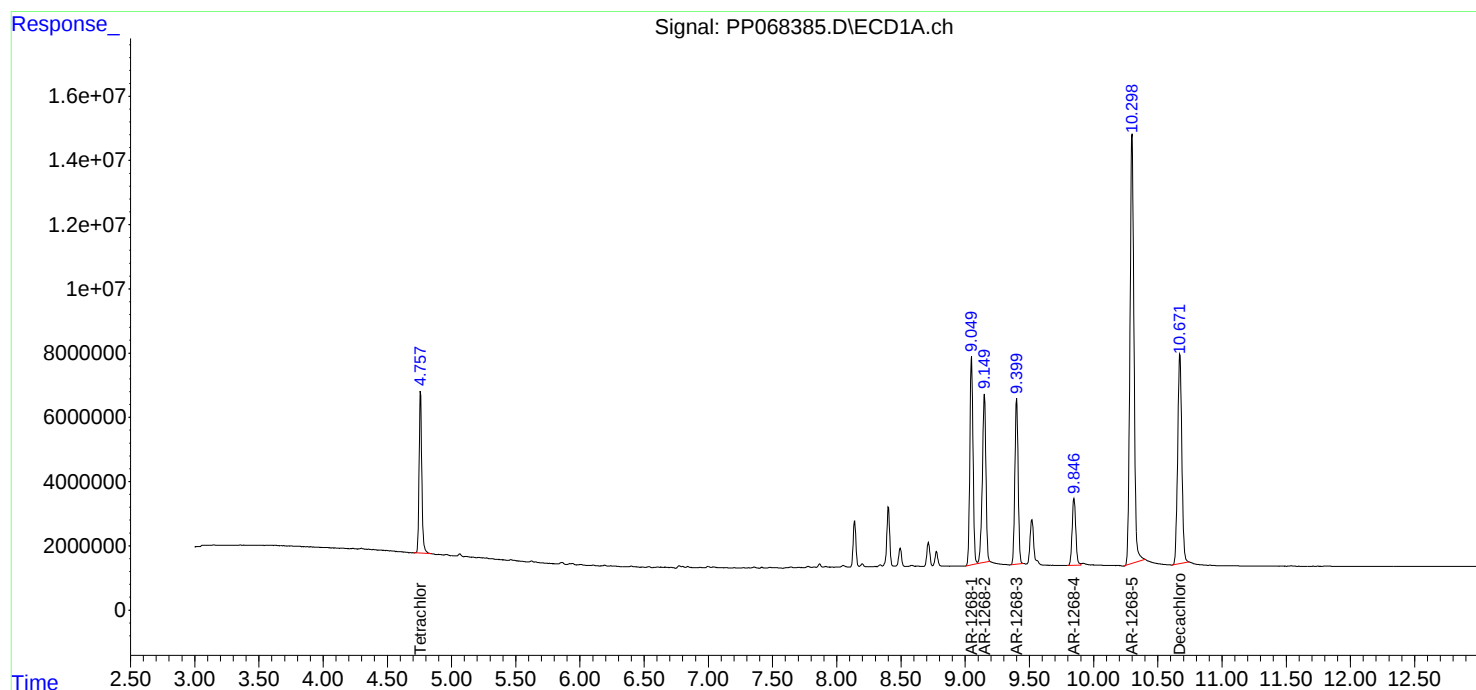
Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 10:18:04 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 10:12:44 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
 Data File : PP068386.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2024 09:34
 Operator : YP\AJ
 Sample : AR1268ICC500
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 10:12:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 10:12:44 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.757	4.050	52377958	50114718	50.000	50.000
2) SA Decachlor...	10.669	9.208	104.3E6	95782938	50.000	50.000
Target Compounds						
41) L9 AR-1268-1	9.048	8.001	78477087	78131406	500.000	500.000
42) L9 AR-1268-2	9.147	8.067	71859787	71402954	500.000	500.000
43) L9 AR-1268-3	9.398	8.285	63189213	62955533	500.000	500.000
44) L9 AR-1268-4	9.845	8.593	28871509	28632352	500.000	500.000
45) L9 AR-1268-5	10.297	8.919	200.4E6	191.0E6	500.000	500.000

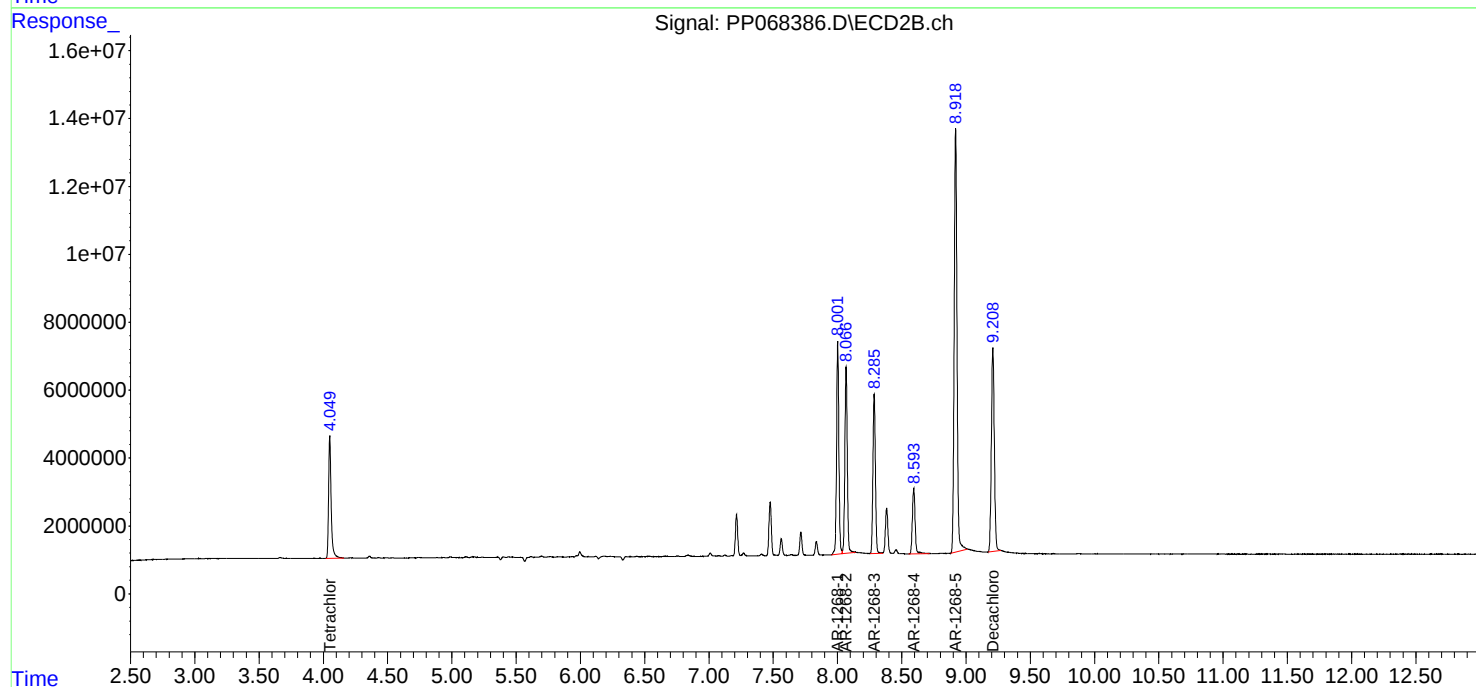
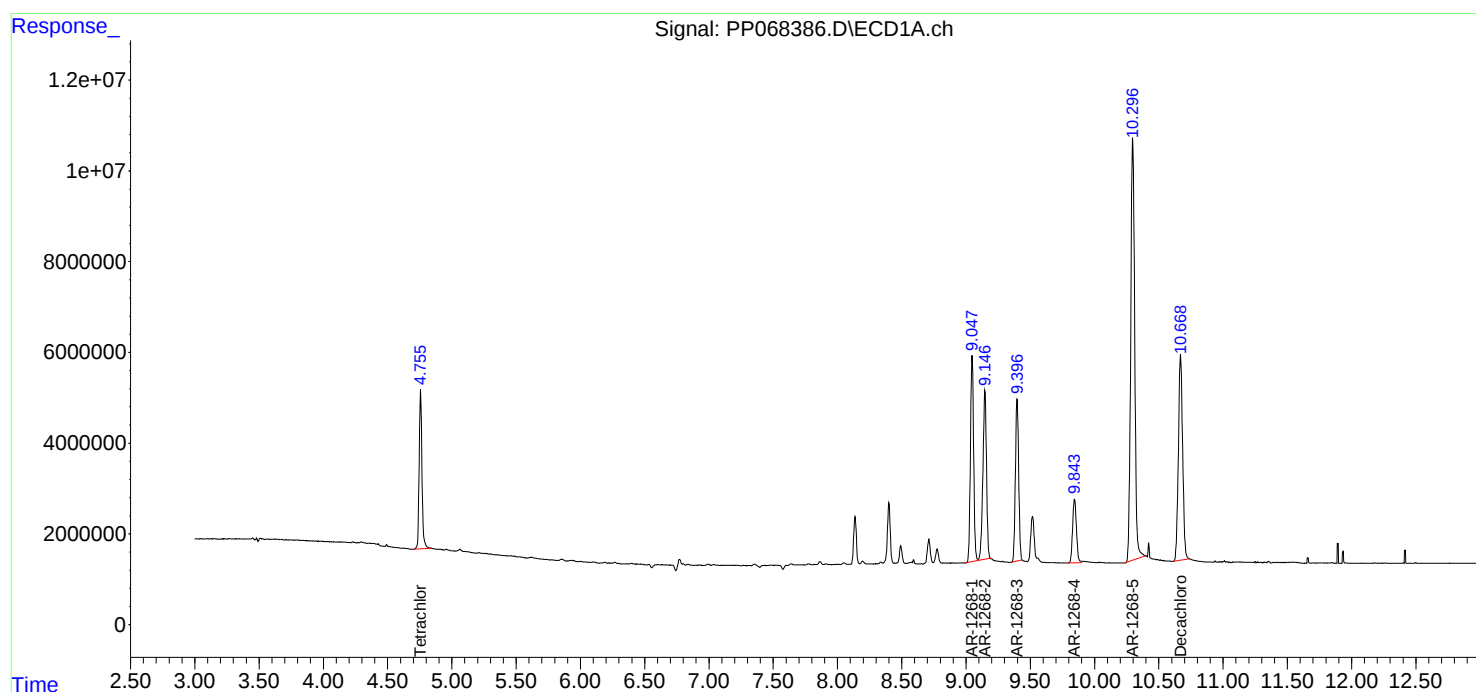
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068386.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 09:34
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 10:12:59 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 10:12:44 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
 Data File : PP068387.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2024 09:50
 Operator : YP\AJ
 Sample : AR1268ICC250
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC250

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/11/2024
 Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 10:20:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 10:12:44 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.758	4.048	24716059	25561394	24.607	25.787
2) SA Decachlor...	10.671	9.206	56279615	51296322	27.309	26.809
Target Compounds						
41) L9 AR-1268-1	9.048	8.001	41458842	40939644	267.233m	262.180
42) L9 AR-1268-2	9.149	8.065	37763648	37154972	267.016	261.335
43) L9 AR-1268-3	9.398	8.284	34455564	32866076	271.833m	262.898
44) L9 AR-1268-4	9.845	8.592	15148086	14405127	265.001	257.305
45) L9 AR-1268-5	10.299	8.917	106.2E6	96887509	265.903	254.969

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068387.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 09:50
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

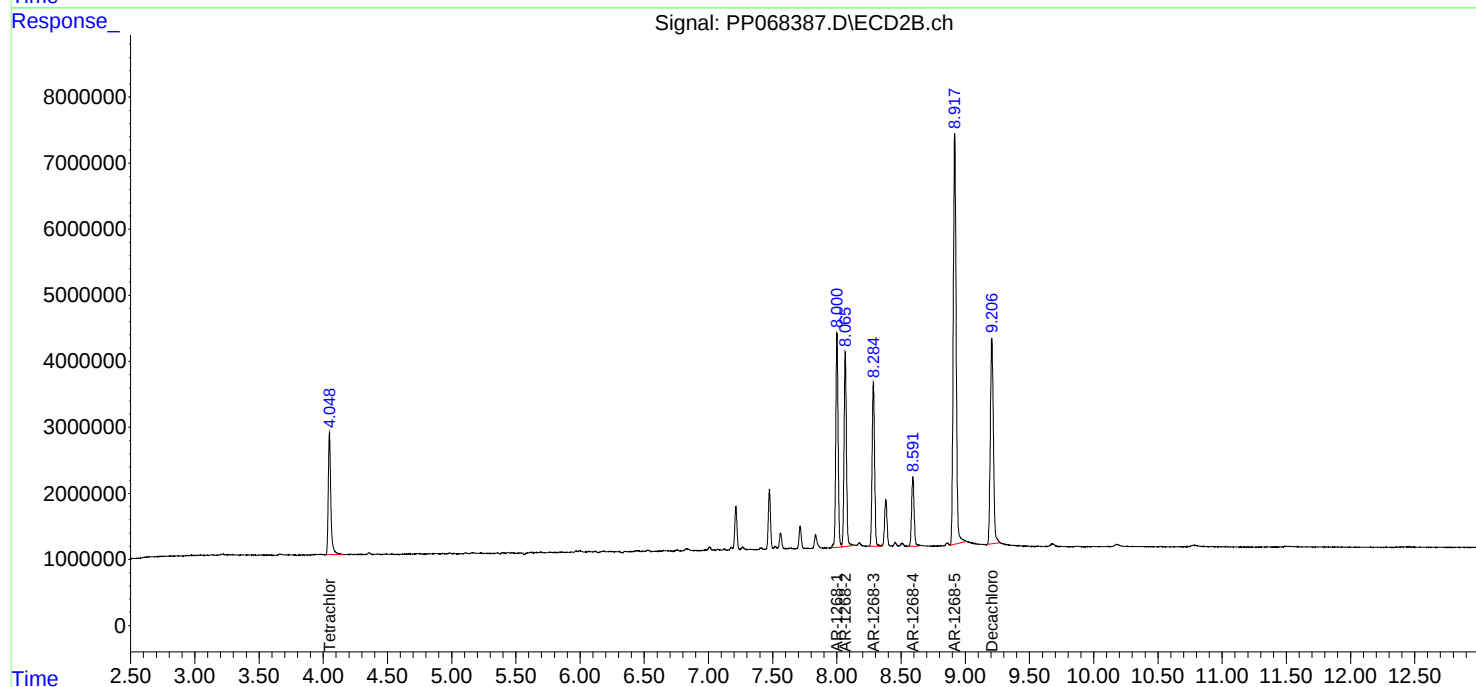
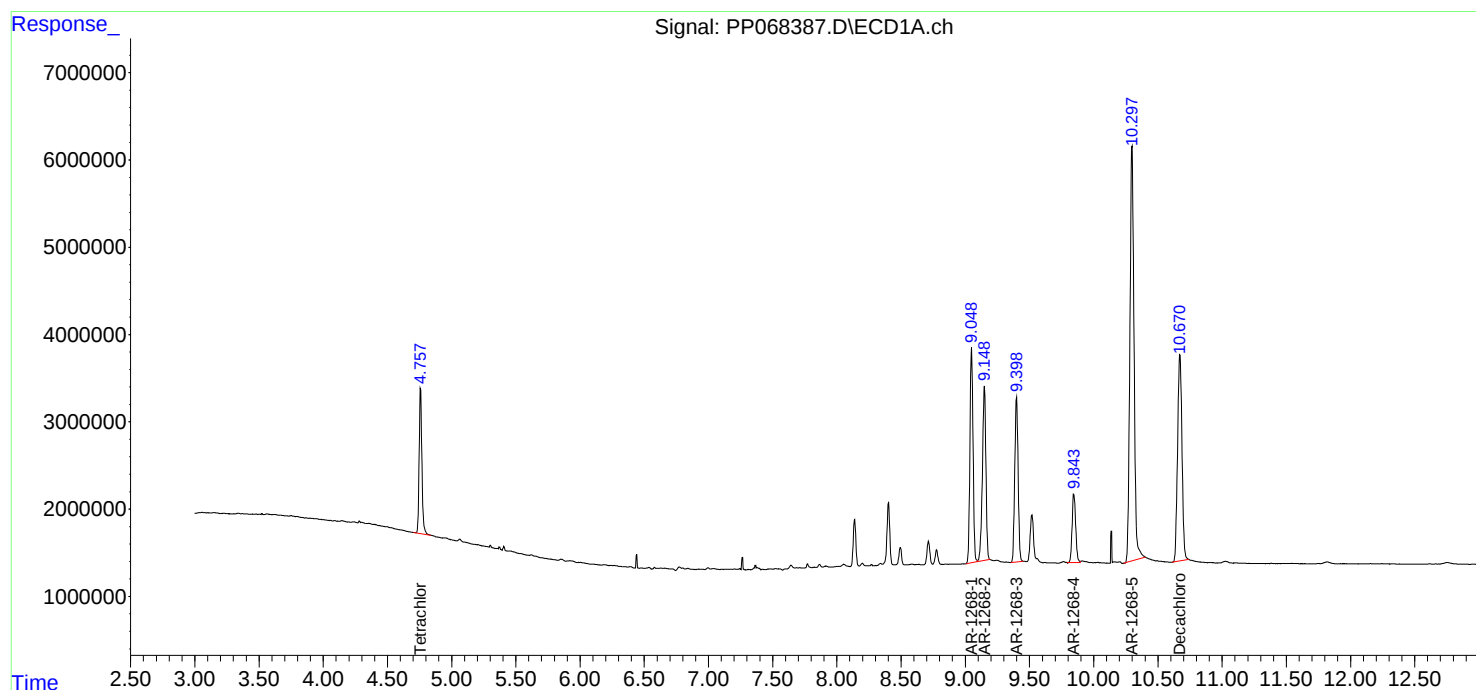
Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 10:20:43 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 10:12:44 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
 Data File : PP068388.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2024 10:39
 Operator : YP\AJ
 Sample : AR1268ICC050
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/11/2024
 Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 10:56:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 10:55:56 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.756	4.049	4157021	4376664	4.286	4.521
2) SA Decachlor...	10.670	9.209	10314920	10005265	5.004	5.182
Target Compounds						
41) L9 AR-1268-1	9.047	8.002	7553361	7702391	48.948m	49.460
42) L9 AR-1268-2	9.147	8.066	6711092	6954961	47.941	49.131
43) L9 AR-1268-3	9.398	8.285	6048928	6125782	48.142	49.197
44) L9 AR-1268-4	9.844	8.593	1926684	2454152	35.958m	44.944
45) L9 AR-1268-5	10.297	8.920	19376455	18144214	48.811	48.182

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068388.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 10:39
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

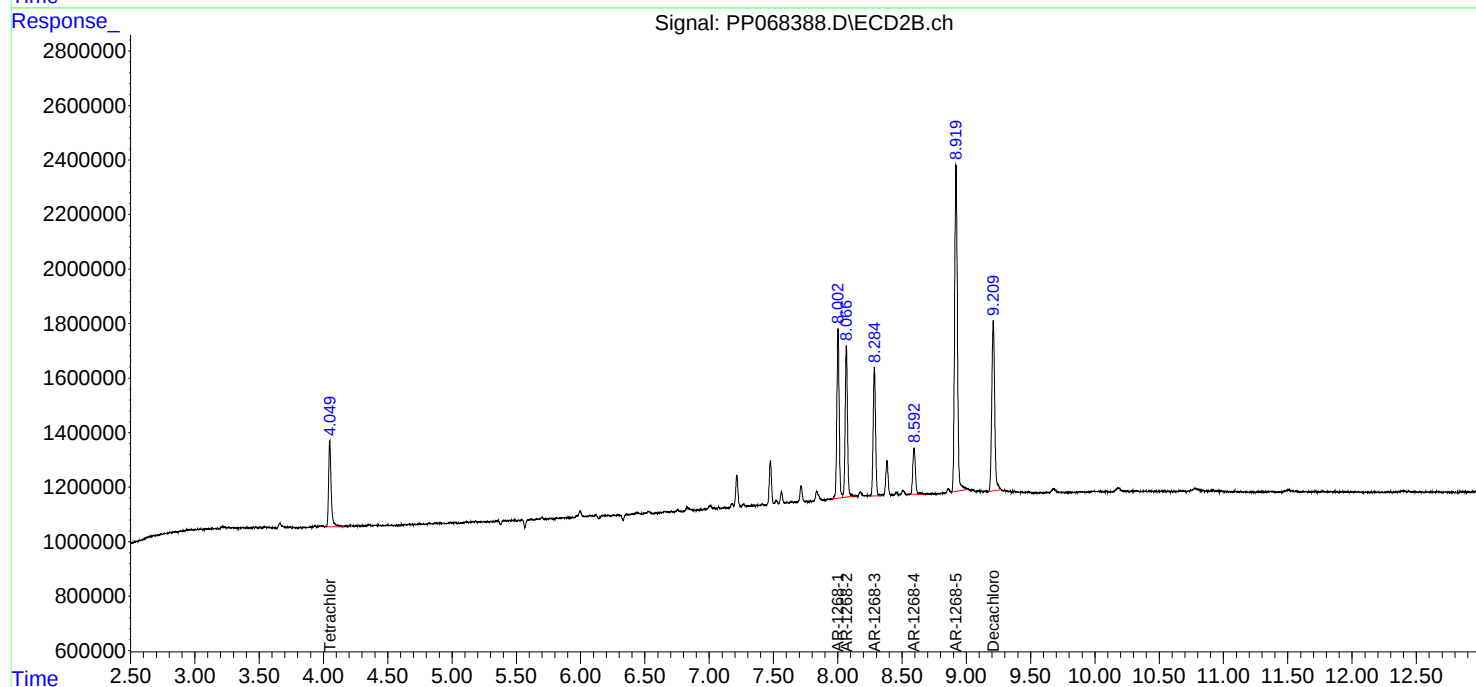
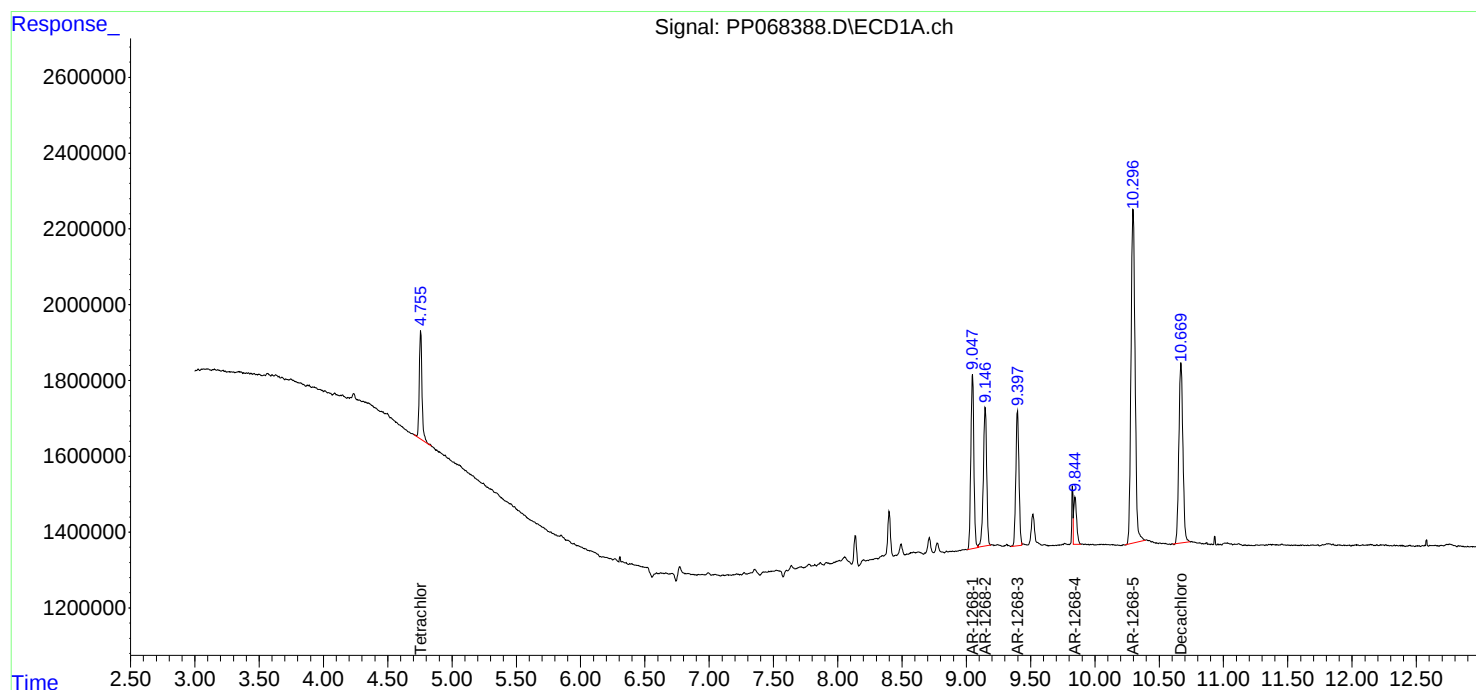
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 10:56:06 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 10:55:56 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
 Data File : PP068389.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2024 10:55
 Operator : YP\AJ
 Sample : PP110724ICV500
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP110724

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 11:09:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 11:04:08 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.760	4.050	49004186	50056688	50.488	51.696
2) SA Decachlor...	10.674	9.208	62709763	57965421	50.108	51.243
Target Compounds						
3) L1 AR-1016-1	5.924	5.158	17775657	16786378	494.646	507.953
4) L1 AR-1016-2	5.947	5.178	26141826	23540869	493.705	503.628
5) L1 AR-1016-3	6.010	5.358	16524057	13232802	499.088	489.375
6) L1 AR-1016-4	6.108	5.397	13340604	11791046	507.593	499.727
7) L1 AR-1016-5	6.402	5.616	13764243	14955338	487.955	504.529
31) L7 AR-1260-1	7.525	6.659	26825477	27348225	495.812	491.442
32) L7 AR-1260-2	7.779	6.846	31517726	32270778	495.477	487.211
33) L7 AR-1260-3	8.140	7.004	26454192	30459045	491.787	492.137
34) L7 AR-1260-4	8.378	7.478	30546748	27029925	490.884	512.542
35) L7 AR-1260-5	8.716	7.716	55319213	59679497	488.753	501.188

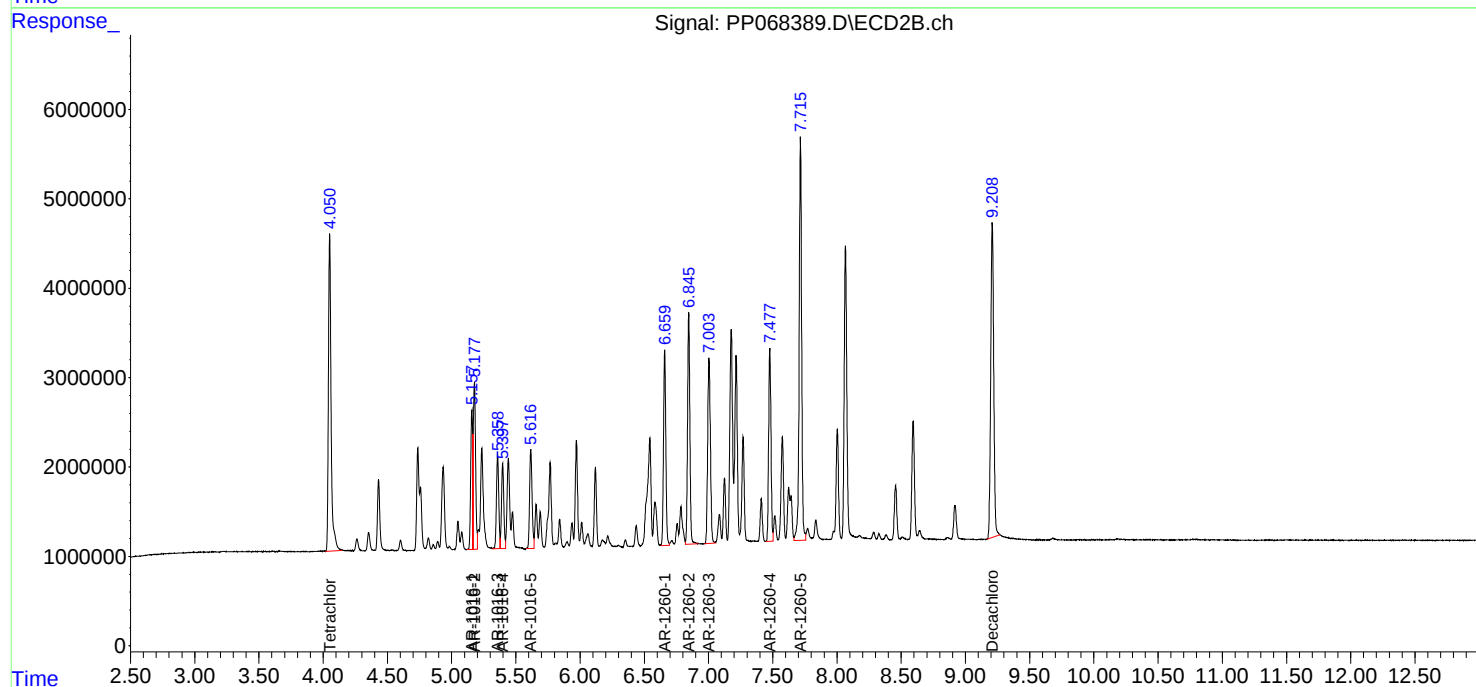
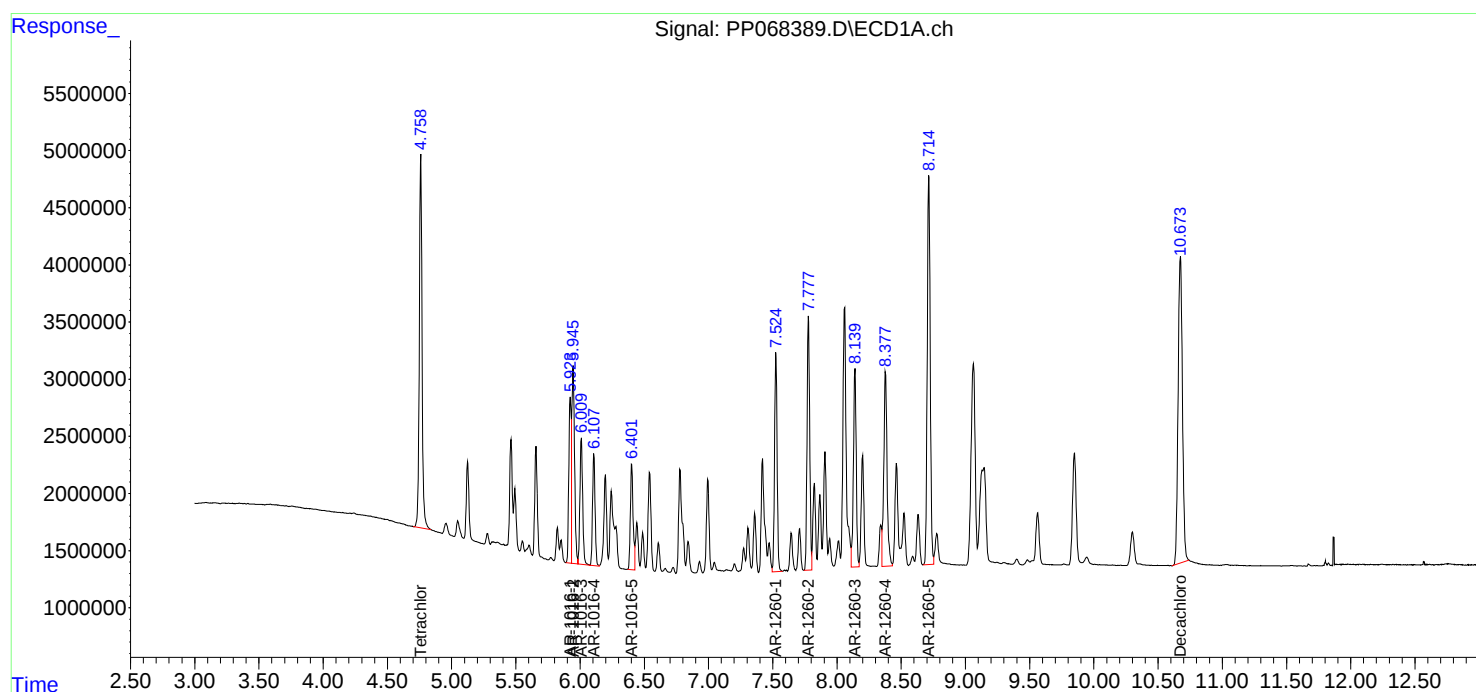
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068389.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 10:55
Operator : YP\AJ
Sample : PP110724ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP110724

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 11:09:04 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
 Data File : PP068390.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2024 11:12
 Operator : YP\AJ
 Sample : AR1242ICV500
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP110724

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/11/2024
 Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 11:23:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 11:04:08 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.756	4.050	50275844	51121712	51.798	52.796
2) SA Decachlor...	10.669	9.209	64384965	58737597	51.447	51.926
Target Compounds						
16) L4 AR-1242-1	5.920	5.157	15636105	14588135	523.411	524.946
17) L4 AR-1242-2	5.942	5.177	23125277	20110329	524.358	520.655
18) L4 AR-1242-3	6.006	5.358	14876978	10966167	534.020	515.326
19) L4 AR-1242-4	6.103	5.441	11804561	12039278	539.514m	528.185
20) L4 AR-1242-5	6.837	5.970	12699812	14368026	523.048m	523.400m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068390.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 11:12
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

ICVPP110724

Manual Integrations

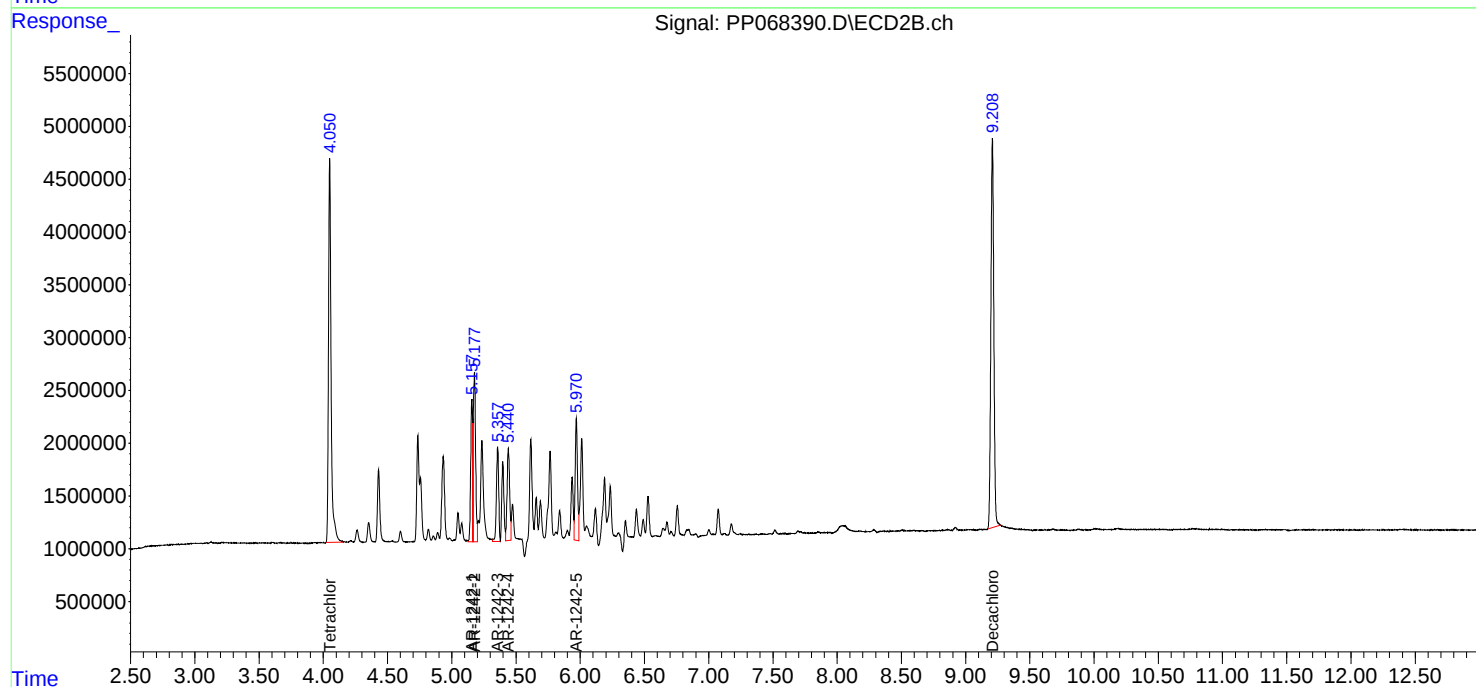
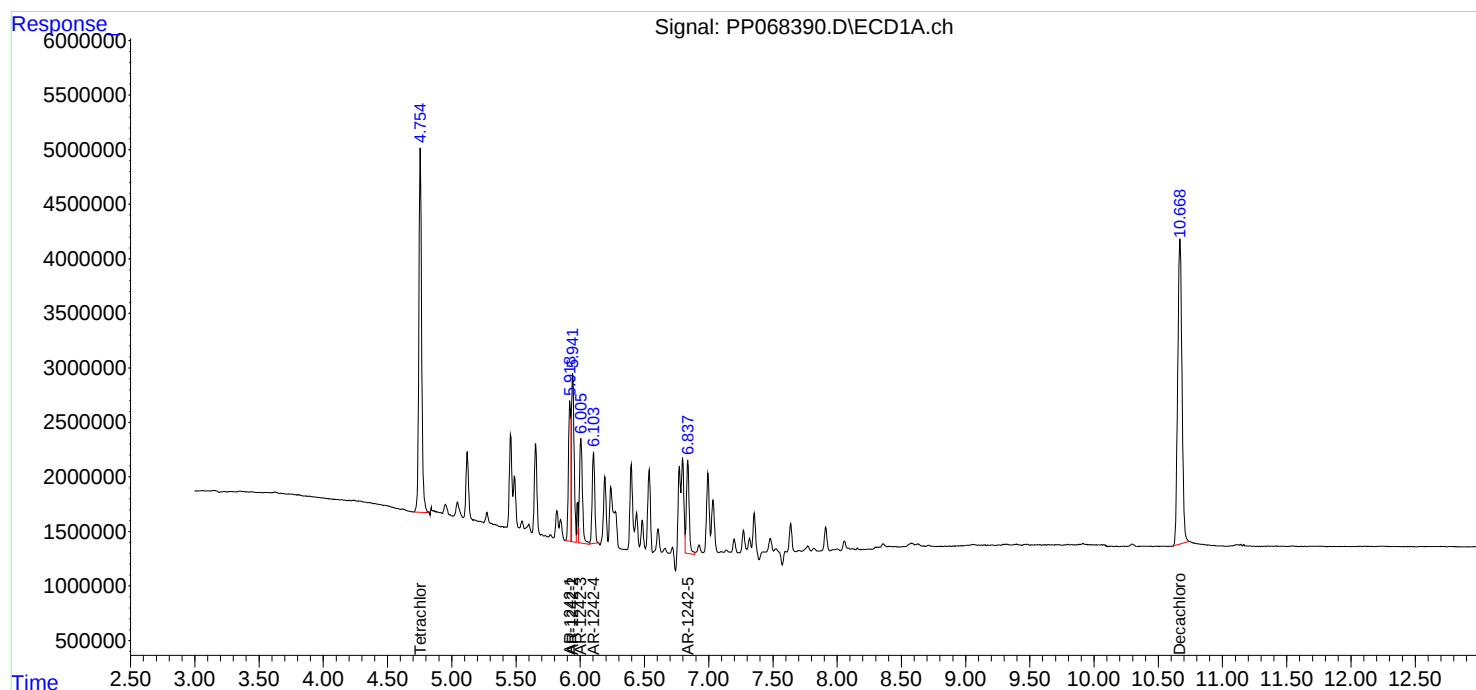
APPROVED

Reviewed By :Yogesh Patel 11/11/2024

Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 11:23:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
 Data File : PP068391.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2024 11:28
 Operator : YP\AJ
 Sample : AR1248ICV500
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP110724

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 11:47:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 11:04:08 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.759	4.050	53033933	51210314	54.640	52.887
2) SA Decachlor...	10.675	9.209	64595046	59986046	51.615	53.030
Target Compounds						
21) L5 AR-1248-1	5.924	5.157	11935864	11676003	528.968	534.433
22) L5 AR-1248-2	6.197	5.397	17293214	17129241	514.516	535.807
23) L5 AR-1248-3	6.401	5.441	19211485	18111526	526.116	540.510
24) L5 AR-1248-4	6.802	5.616	20610885	20272318	481.724	522.095
25) L5 AR-1248-5	6.842	6.013	19878881	19135378	478.557	516.220

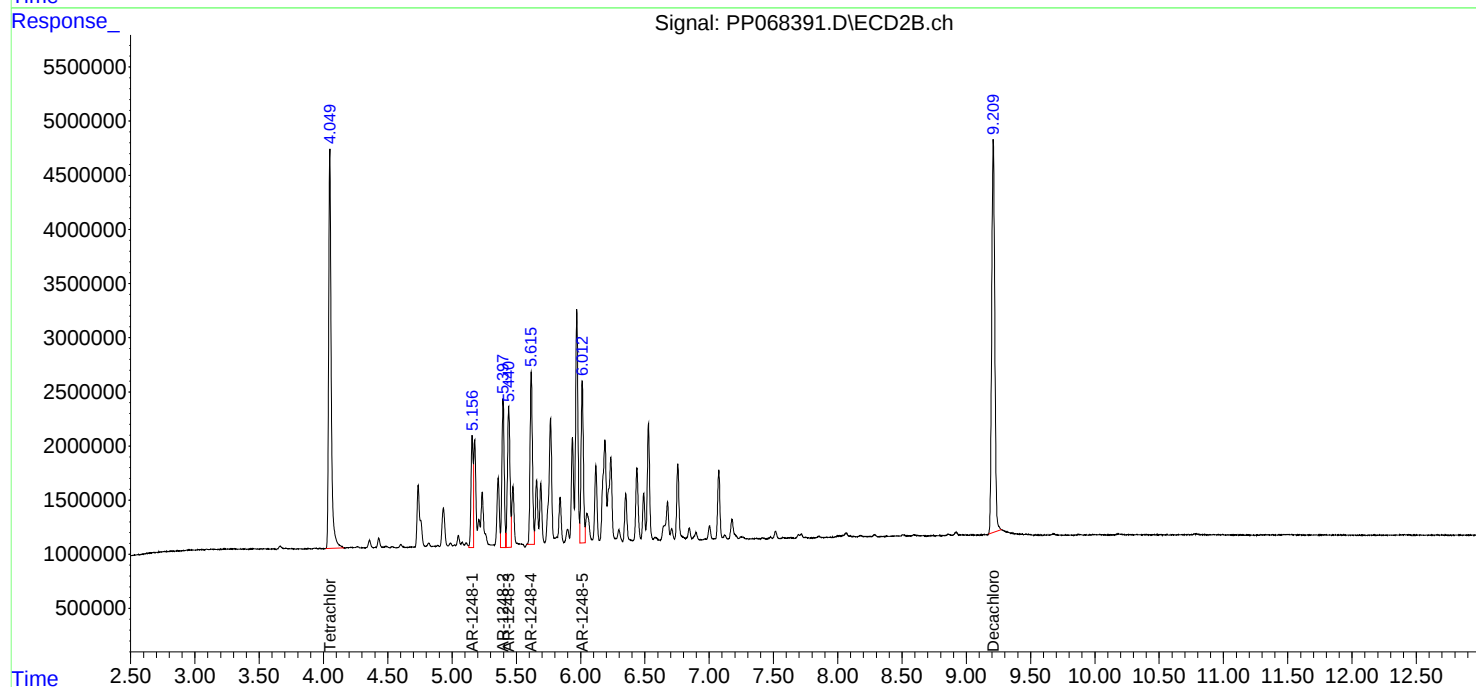
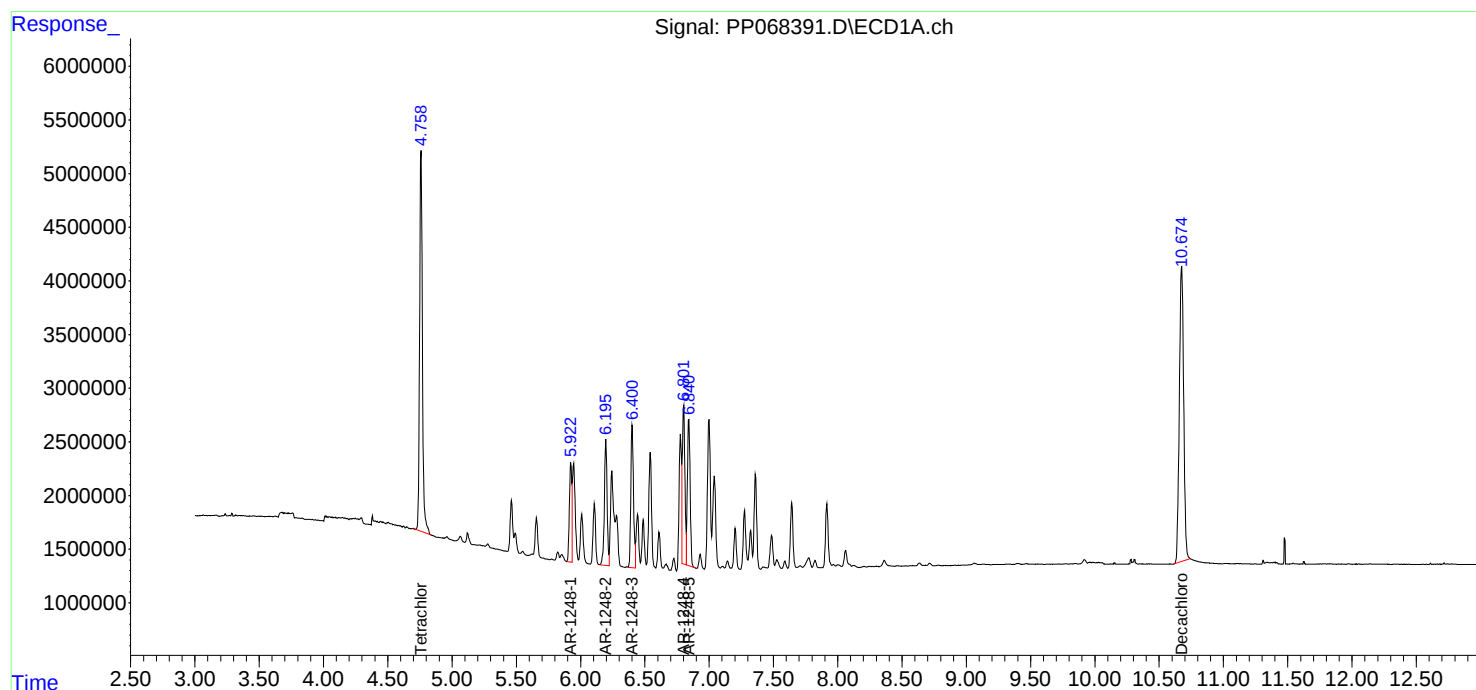
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068391.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 11:28
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP110724

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 11:47:12 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
 Data File : PP068392.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2024 11:45
 Operator : YP\AJ
 Sample : AR1254ICV500
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP110724

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/11/2024
 Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 12:01:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 11:04:08 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.756	4.049	49771307	50055306	51.278	51.695
2) SA Decachlor...	10.670	9.208	64599990	60296903	51.619	53.304
Target Compounds						
26) L6 AR-1254-1	6.774	5.971	29316633	34473417	565.016m	568.475
27) L6 AR-1254-2	6.993	6.118	34878260	28264573	511.130	535.971
28) L6 AR-1254-3	7.357	6.528	37589018	44409341	526.029	533.374
29) L6 AR-1254-4	7.639	6.756	28724975	25764643	533.780m	529.836
30) L6 AR-1254-5	8.057	7.177	31170873	37295416	497.407m	499.713

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068392.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 11:45
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

ICVPP110724

Manual Integrations

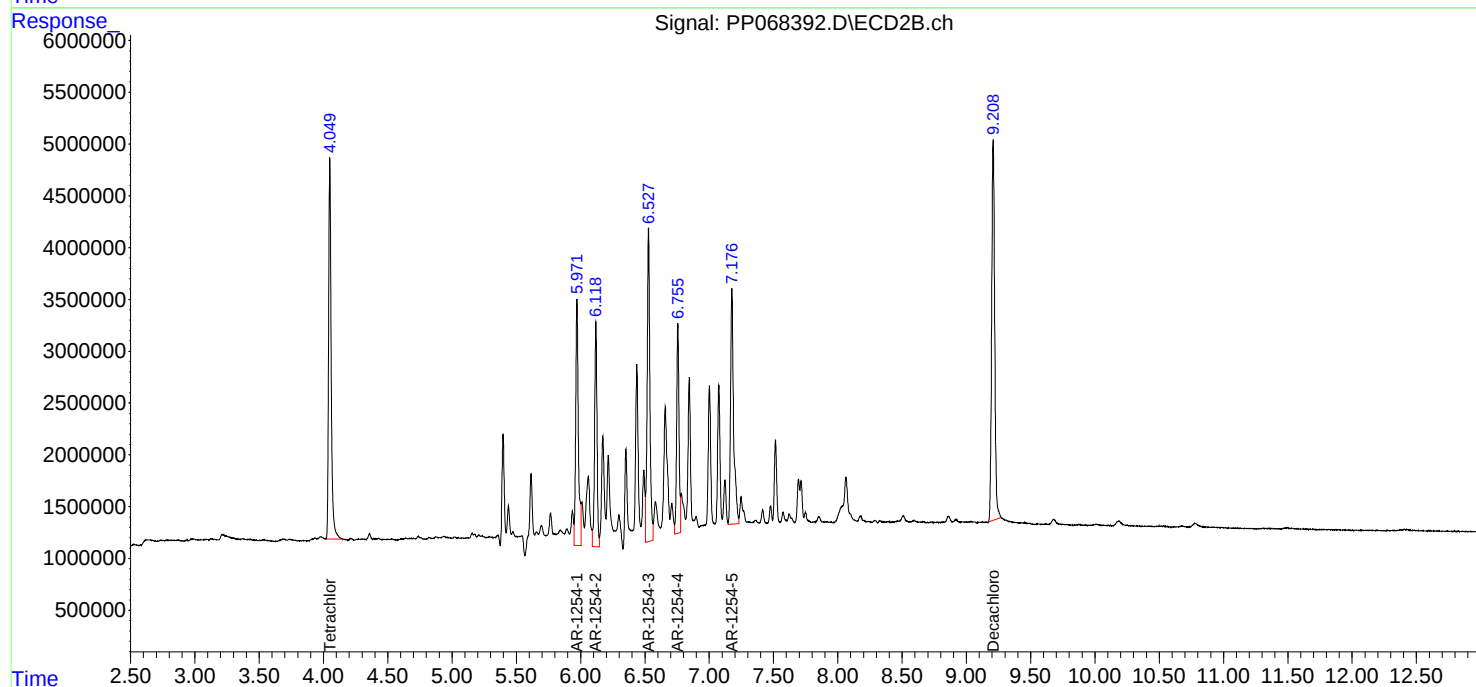
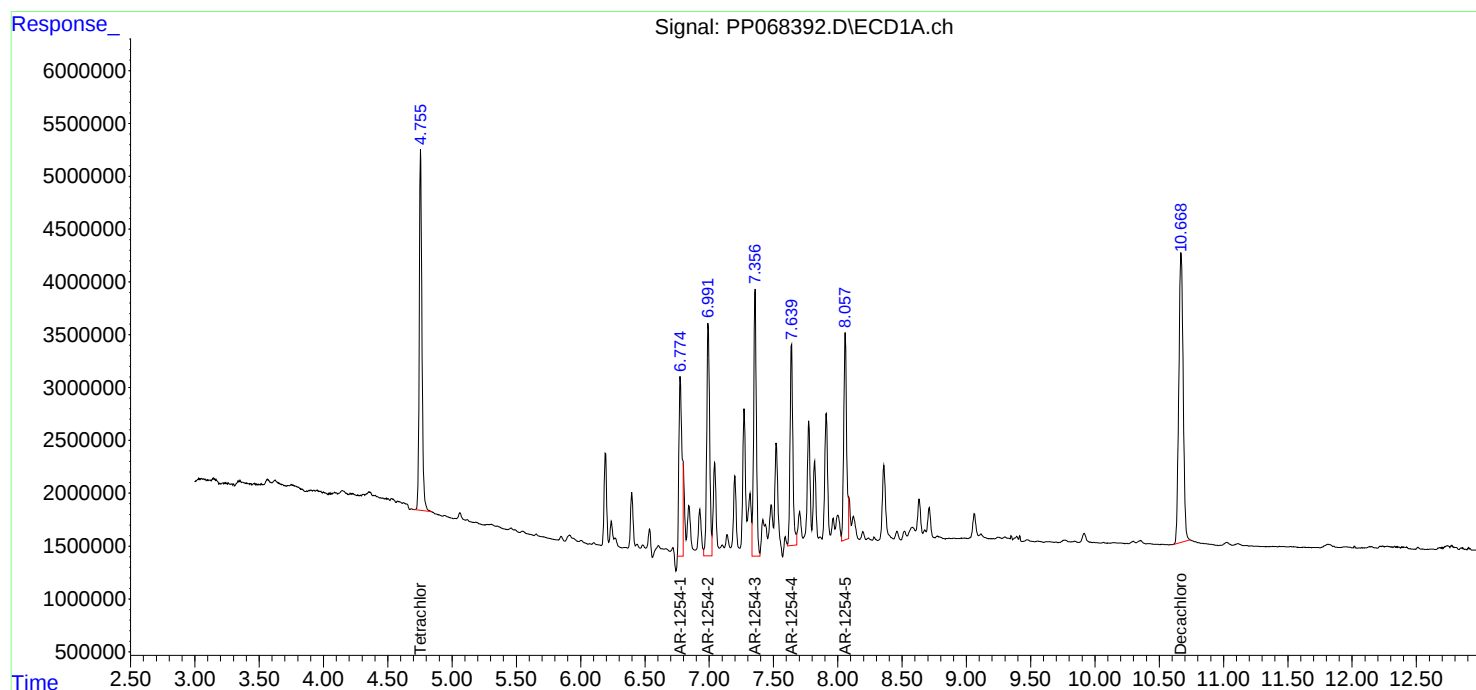
APPROVED

Reviewed By :Yogesh Patel 11/11/2024

Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 12:01:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
 Data File : PP068393.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2024 12:01
 Operator : YP\AJ
 Sample : AR1268ICV500
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP110724

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/11/2024
 Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 12:20:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 11:04:08 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.757	4.050	50376429	49328950	51.902	50.944
2) SA Decachlor...	10.672	9.210	102.9E6	96062002	82.227	84.922
Target Compounds						
41) L9 AR-1268-1	9.048	8.002	77062249	79343717	499.451m	509.495
42) L9 AR-1268-2	9.150	8.067	70702887	73179227	505.068	516.953
43) L9 AR-1268-3	9.398	8.286	63406726	62074565	504.637m	498.532
44) L9 AR-1268-4	9.848	8.594	28417537	28016994	531.799	513.091
45) L9 AR-1268-5	10.300	8.920	198.2E6	189.6E6	499.329	503.420

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068393.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 12:01
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

ICVPP110724

Manual Integrations

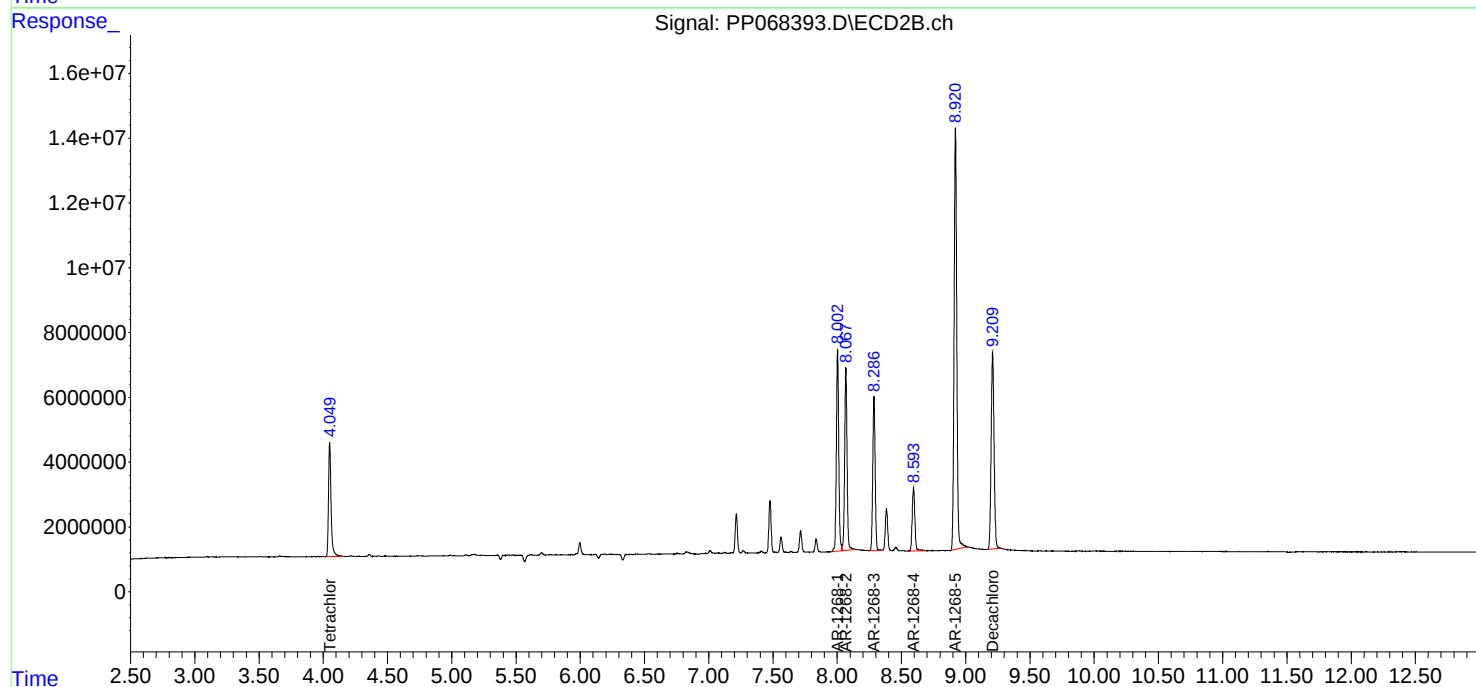
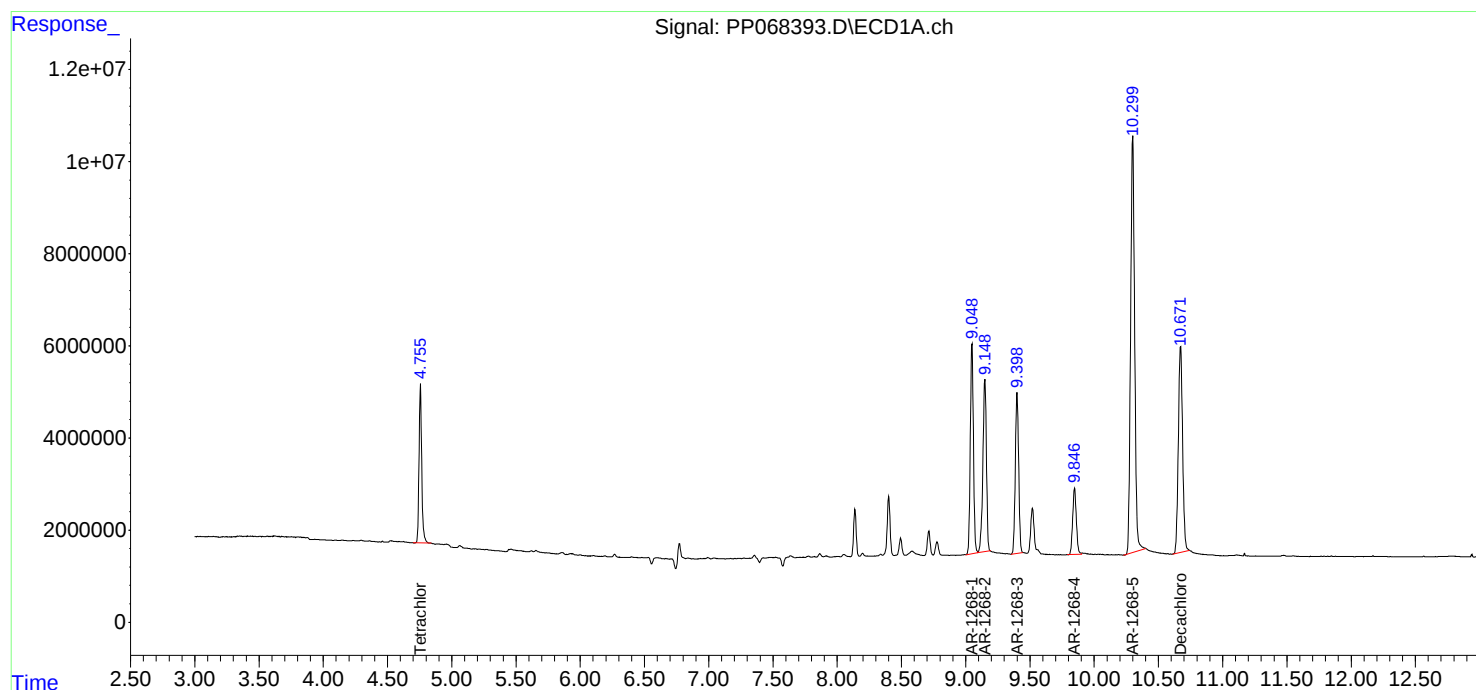
APPROVED

Reviewed By :Yogesh Patel 11/11/2024

Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 12:20:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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





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

CALIBRATION VERIFICATION SUMMARY

Contract: CLOU03

Lab Code: CHEM Case No.: P4779 SAS No.: P4779 SDG NO.: P4779

Continuing Calib Date: 11/11/2024 Initial Calibration Date(s): 11/08/2024 11/08/2024

Continuing Calib Time: 09:40 Initial Calibration Time(s): 02:45 10:39

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.92	5.92	5.82	6.02	0.00
Aroclor-1016-2	(2)	5.95	5.94	5.84	6.04	-0.01
Aroclor-1016-3	(3)	6.01	6.01	5.91	6.11	0.00
Aroclor-1016-4	(4)	6.11	6.11	6.01	6.21	0.00
Aroclor-1016-5	(5)	6.40	6.40	6.30	6.50	0.00
Aroclor-1260-1	(1)	7.53	7.52	7.42	7.62	-0.01
Aroclor-1260-2	(2)	7.78	7.78	7.68	7.88	0.00
Aroclor-1260-3	(3)	8.14	8.14	8.04	8.24	0.00
Aroclor-1260-4	(4)	8.38	8.38	8.28	8.48	0.00
Aroclor-1260-5	(5)	8.72	8.71	8.61	8.81	-0.01
Tetrachloro-m-xylene		4.76	4.76	4.66	4.86	0.00
Decachlorobiphenyl		10.67	10.67	10.57	10.77	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: CLOU03

Lab Code: CHEM Case No.: P4779 SAS No.: P4779 SDG NO.: P4779

Continuing Calib Date: 11/11/2024 Initial Calibration Date(s): 11/08/2024 11/08/2024

Continuing Calib Time: 09:40 Initial Calibration Time(s): 02:45 10:39

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.16	5.16	5.06	5.26	0.00
Aroclor-1016-2	(2)	5.18	5.18	5.08	5.28	0.00
Aroclor-1016-3	(3)	5.36	5.36	5.26	5.46	0.00
Aroclor-1016-4	(4)	5.40	5.40	5.30	5.50	0.00
Aroclor-1016-5	(5)	5.62	5.62	5.52	5.72	0.00
Aroclor-1260-1	(1)	6.66	6.66	6.56	6.76	0.00
Aroclor-1260-2	(2)	6.85	6.85	6.75	6.95	0.00
Aroclor-1260-3	(3)	7.01	7.01	6.91	7.11	0.00
Aroclor-1260-4	(4)	7.48	7.48	7.38	7.58	0.00
Aroclor-1260-5	(5)	7.72	7.72	7.62	7.82	0.00
Tetrachloro-m-xylene		4.05	4.05	3.95	4.15	0.00
Decachlorobiphenyl		9.21	9.21	9.11	9.31	0.00



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

CALIBRATION VERIFICATION SUMMARY

Contract: CLOU03

Lab Code: CHEM Case No.: P4779 SAS No.: P4779 SDG NO.: P4779

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 11/08/2024 11/08/2024

Client Sample No.: CCAL01 Date Analyzed: 11/11/2024

Lab Sample No.: AR1660CCC500 Data File : PP068395.D Time Analyzed: 09:40

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.923	5.821	6.021	491.900	500.000	-1.6
Aroclor-1016-2	5.945	5.844	6.044	497.430	500.000	-0.5
Aroclor-1016-3	6.009	5.908	6.108	510.720	500.000	2.1
Aroclor-1016-4	6.107	6.005	6.205	520.470	500.000	4.1
Aroclor-1016-5	6.401	6.299	6.499	489.210	500.000	-2.2
Aroclor-1260-1	7.525	7.423	7.623	466.790	500.000	-6.6
Aroclor-1260-2	7.778	7.676	7.876	468.400	500.000	-6.3
Aroclor-1260-3	8.139	8.038	8.238	461.930	500.000	-7.6
Aroclor-1260-4	8.377	8.276	8.476	462.460	500.000	-7.5
Aroclor-1260-5	8.715	8.613	8.813	473.160	500.000	-5.4
Decachlorobiphenyl	10.671	10.572	10.772	47.690	50.000	-4.6
Tetrachloro-m-xylene	4.758	4.657	4.857	50.820	50.000	1.6



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CALIBRATION VERIFICATION SUMMARY

Contract: CLOU03

Lab Code: CHEM Case No.: P4779 SAS No.: P4779 SDG NO.: P4779

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 11/08/2024 11/08/2024

Client Sample No.: CCAL01 Date Analyzed: 11/11/2024

Lab Sample No.: AR1660CCC500 Data File : PP068395.D Time Analyzed: 09:40

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.159	5.058	5.258	495.380	500.000	-0.9
Aroclor-1016-2	5.179	5.079	5.279	490.540	500.000	-1.9
Aroclor-1016-3	5.359	5.259	5.459	475.160	500.000	-5.0
Aroclor-1016-4	5.399	5.298	5.498	485.780	500.000	-2.8
Aroclor-1016-5	5.617	5.517	5.717	487.980	500.000	-2.4
Aroclor-1260-1	6.661	6.560	6.760	475.040	500.000	-5.0
Aroclor-1260-2	6.848	6.747	6.947	470.490	500.000	-5.9
Aroclor-1260-3	7.005	6.905	7.105	477.250	500.000	-4.6
Aroclor-1260-4	7.479	7.378	7.578	490.740	500.000	-1.9
Aroclor-1260-5	7.718	7.617	7.817	476.130	500.000	-4.8
Decachlorobiphenyl	9.212	9.110	9.310	48.020	50.000	-4.0
Tetrachloro-m-xylene	4.052	3.951	4.151	50.030	50.000	0.1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP111124\
 Data File : PP068395.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2024 09:40
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660CCC500

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/12/2024
 Supervised By :Ankita Jodhani 11/12/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 11 12:30:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 11:04:08 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.758	4.052	49330410	48443653	50.824	50.030
2) SA Decachlor...	10.671	9.212	59688853	54314817	47.695m	48.016
Target Compounds						
3) L1 AR-1016-1	5.923	5.159	17676930	16370771	491.899	495.376
4) L1 AR-1016-2	5.945	5.179	26338956	22929326	497.428	490.544
5) L1 AR-1016-3	6.009	5.359	16909110	12848409	510.718	475.159
6) L1 AR-1016-4	6.107	5.399	13679155	11461927	520.475	485.778
7) L1 AR-1016-5	6.401	5.617	13799671	14464728	489.211	487.978
31) L7 AR-1260-1	7.525	6.661	25255552	26435645	466.795	475.043
32) L7 AR-1260-2	7.778	6.848	29795401	31163070	468.401	470.487
33) L7 AR-1260-3	8.139	7.005	24847884	29537673	461.925	477.250
34) L7 AR-1260-4	8.377	7.479	28777986	25880320	462.460	490.743
35) L7 AR-1260-5	8.715	7.718	53554166	56695221	473.158	476.126

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP111124\
Data File : PP068395.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2024 09:40
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

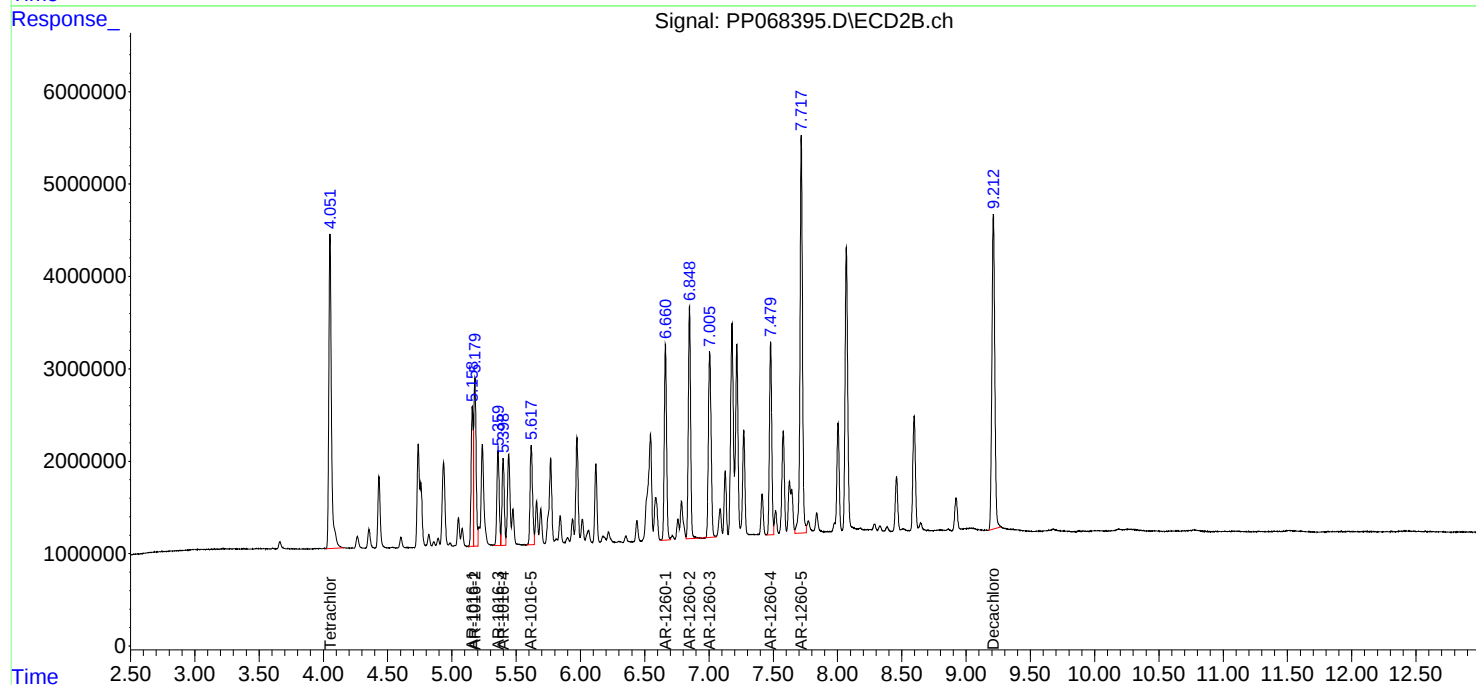
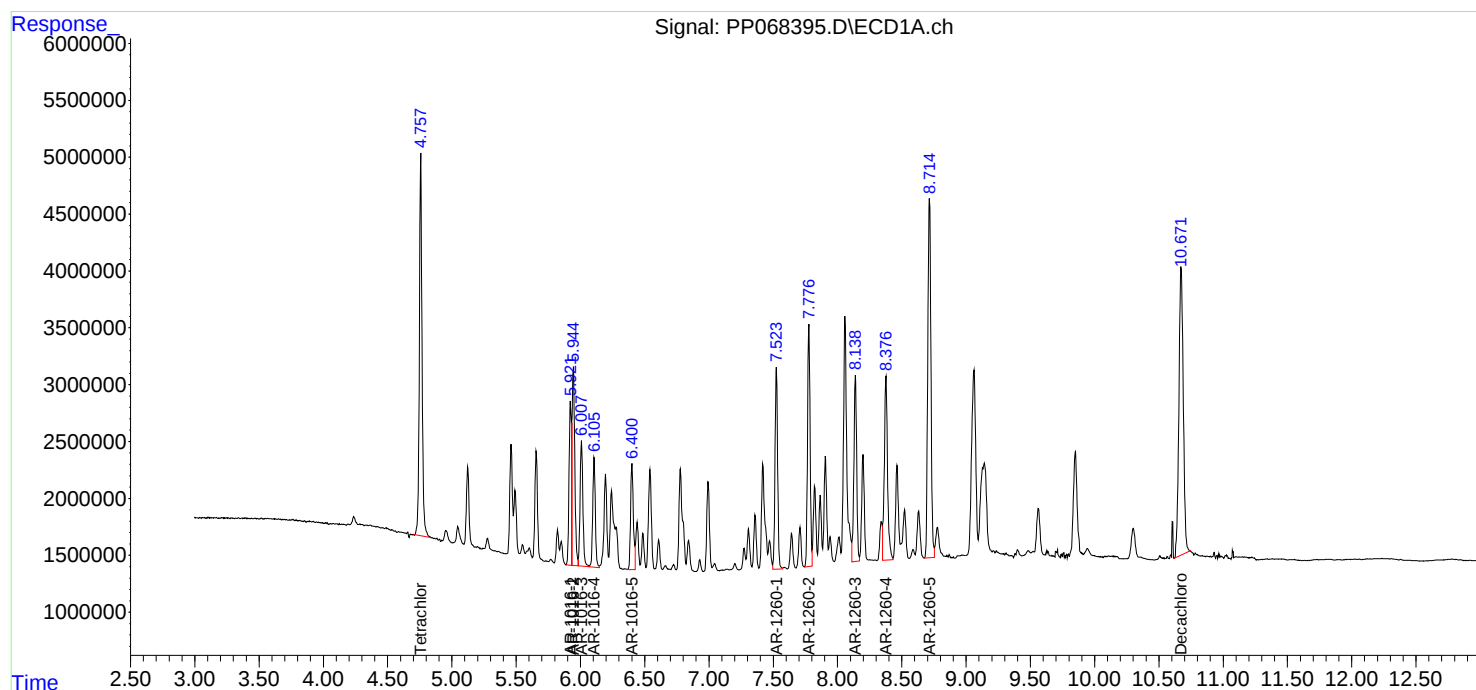
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/12/2024
Supervised By :Ankita Jodhani 11/12/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 11 12:30:40 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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





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

CALIBRATION VERIFICATION SUMMARY

Contract: CLOU03

Lab Code: CHEM Case No.: P4779 SAS No.: P4779 SDG NO.: P4779

Continuing Calib Date: 11/11/2024 Initial Calibration Date(s): 11/08/2024 11/08/2024

Continuing Calib Time: 14:29 Initial Calibration Time(s): 02:45 10:39

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.93	5.92	5.82	6.02	-0.01
Aroclor-1016-2	(2)	5.95	5.94	5.84	6.04	-0.01
Aroclor-1016-3	(3)	6.01	6.01	5.91	6.11	0.00
Aroclor-1016-4	(4)	6.11	6.11	6.01	6.21	0.00
Aroclor-1016-5	(5)	6.41	6.40	6.30	6.50	-0.01
Aroclor-1260-1	(1)	7.53	7.52	7.42	7.62	-0.01
Aroclor-1260-2	(2)	7.78	7.78	7.68	7.88	0.00
Aroclor-1260-3	(3)	8.14	8.14	8.04	8.24	0.00
Aroclor-1260-4	(4)	8.38	8.38	8.28	8.48	0.00
Aroclor-1260-5	(5)	8.72	8.71	8.61	8.81	-0.01
Tetrachloro-m-xylene		4.76	4.76	4.66	4.86	0.00
Decachlorobiphenyl		10.68	10.67	10.57	10.77	-0.01



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

CALIBRATION VERIFICATION SUMMARY

Contract: CLOU03

Lab Code: CHEM Case No.: P4779 SAS No.: P4779 SDG NO.: P4779

Continuing Calib Date: 11/11/2024 Initial Calibration Date(s): 11/08/2024 11/08/2024

Continuing Calib Time: 14:29 Initial Calibration Time(s): 02:45 10:39

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.16	5.16	5.06	5.26	0.00
Aroclor-1016-2	(2)	5.18	5.18	5.08	5.28	0.00
Aroclor-1016-3	(3)	5.36	5.36	5.26	5.46	0.00
Aroclor-1016-4	(4)	5.40	5.40	5.30	5.50	0.00
Aroclor-1016-5	(5)	5.62	5.62	5.52	5.72	0.00
Aroclor-1260-1	(1)	6.66	6.66	6.56	6.76	0.00
Aroclor-1260-2	(2)	6.85	6.85	6.75	6.95	0.00
Aroclor-1260-3	(3)	7.01	7.01	6.91	7.11	0.00
Aroclor-1260-4	(4)	7.48	7.48	7.38	7.58	0.00
Aroclor-1260-5	(5)	7.72	7.72	7.62	7.82	0.00
Tetrachloro-m-xylene		4.05	4.05	3.95	4.15	0.00
Decachlorobiphenyl		9.21	9.21	9.11	9.31	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: CLOU03

Lab Code: CHEM Case No.: P4779 SAS No.: P4779 SDG NO.: P4779

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 11/08/2024 11/08/2024

Client Sample No.: CCAL02 Date Analyzed: 11/11/2024

Lab Sample No.: AR1660CCC500 Data File : PP068410.D Time Analyzed: 14:29

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.926	5.821	6.021	488.280	500.000	-2.3
Aroclor-1016-2	5.948	5.844	6.044	485.910	500.000	-2.8
Aroclor-1016-3	6.012	5.908	6.108	490.700	500.000	-1.9
Aroclor-1016-4	6.110	6.005	6.205	500.680	500.000	0.1
Aroclor-1016-5	6.405	6.299	6.499	473.070	500.000	-5.4
Aroclor-1260-1	7.528	7.423	7.623	456.230	500.000	-8.8
Aroclor-1260-2	7.782	7.676	7.876	450.970	500.000	-9.8
Aroclor-1260-3	8.143	8.038	8.238	441.200	500.000	-11.8
Aroclor-1260-4	8.381	8.276	8.476	450.750	500.000	-9.9
Aroclor-1260-5	8.719	8.613	8.813	453.690	500.000	-9.3
Decachlorobiphenyl	10.678	10.572	10.772	45.440	50.000	-9.1
Tetrachloro-m-xylene	4.762	4.657	4.857	50.740	50.000	1.5



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CALIBRATION VERIFICATION SUMMARY

Contract: CLOU03

Lab Code: CHEM Case No.: P4779 SAS No.: P4779 SDG NO.: P4779

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 11/08/2024 11/08/2024

Client Sample No.: CCAL02 Date Analyzed: 11/11/2024

Lab Sample No.: AR1660CCC500 Data File : PP068410.D Time Analyzed: 14:29

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.159	5.058	5.258	509.240	500.000	1.8
Aroclor-1016-2	5.179	5.079	5.279	503.620	500.000	0.7
Aroclor-1016-3	5.359	5.259	5.459	511.240	500.000	2.2
Aroclor-1016-4	5.399	5.298	5.498	511.860	500.000	2.4
Aroclor-1016-5	5.617	5.517	5.717	500.520	500.000	0.1
Aroclor-1260-1	6.662	6.560	6.760	470.280	500.000	-5.9
Aroclor-1260-2	6.848	6.747	6.947	476.970	500.000	-4.6
Aroclor-1260-3	7.005	6.905	7.105	477.470	500.000	-4.5
Aroclor-1260-4	7.480	7.378	7.578	483.160	500.000	-3.4
Aroclor-1260-5	7.718	7.617	7.817	470.860	500.000	-5.8
Decachlorobiphenyl	9.212	9.110	9.310	47.410	50.000	-5.2
Tetrachloro-m-xylene	4.052	3.951	4.151	50.040	50.000	0.1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP111124\
 Data File : PP068410.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2024 14:29
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 11 15:21:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 11:04:08 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.762	4.052	49248244	48454392	50.739	50.041
2) SA Decachlor...	10.678	9.212	56869726	53631878	45.442	47.412
Target Compounds						
3) L1 AR-1016-1	5.926	5.159	17546719	16828901	488.276	509.239
4) L1 AR-1016-2	5.948	5.179	25728893	23540695	485.907	503.624
5) L1 AR-1016-3	6.012	5.359	16246255	13824126	490.697	511.243
6) L1 AR-1016-4	6.110	5.399	13158838	12077390	500.677	511.863
7) L1 AR-1016-5	6.405	5.617	13344366	14836636	473.070	500.525
31) L7 AR-1260-1	7.528	6.662	24684184	26170446	456.234	470.277
32) L7 AR-1260-2	7.782	6.848	28686741	31592152	450.972	476.965
33) L7 AR-1260-3	8.143	7.005	23732926	29551595	441.198	477.475
34) L7 AR-1260-4	8.381	7.480	28049166	25480243	450.748	483.157
35) L7 AR-1260-5	8.719	7.718	51350769	56067661	453.691	470.856

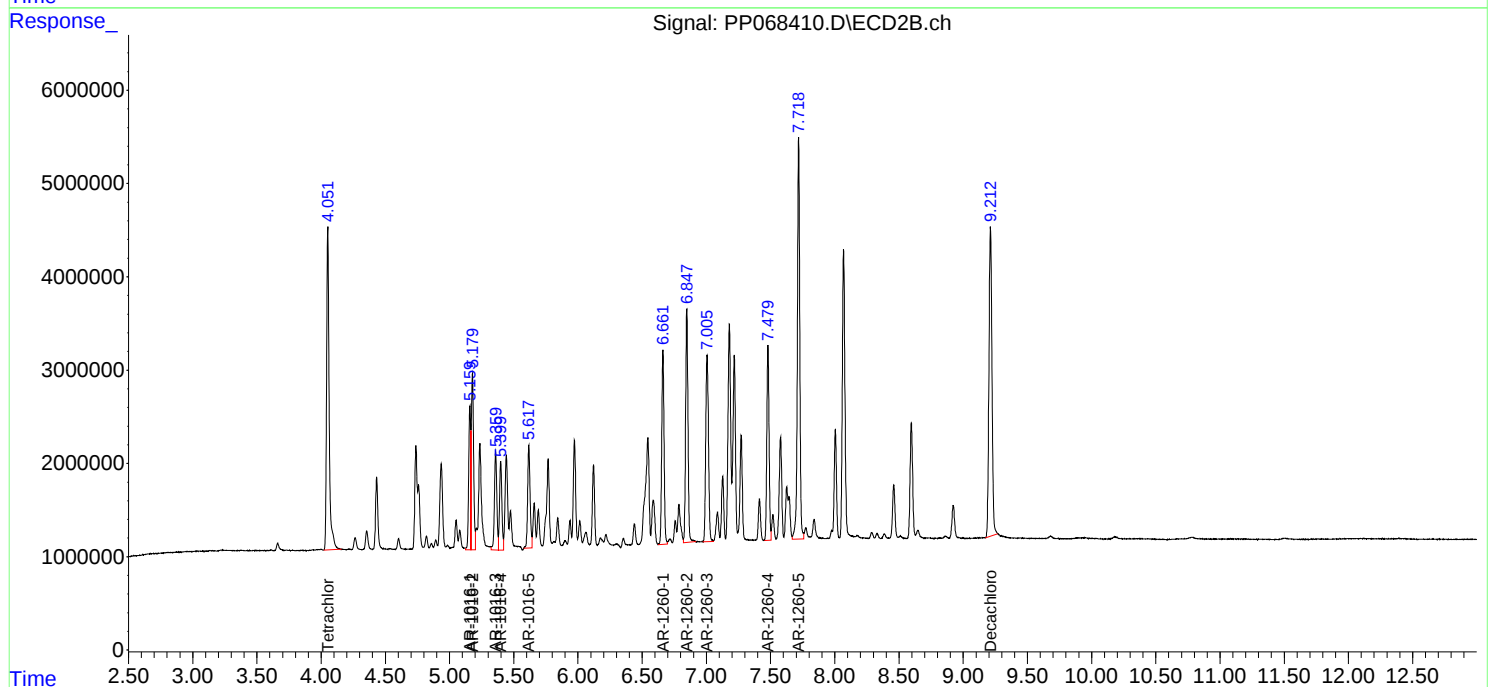
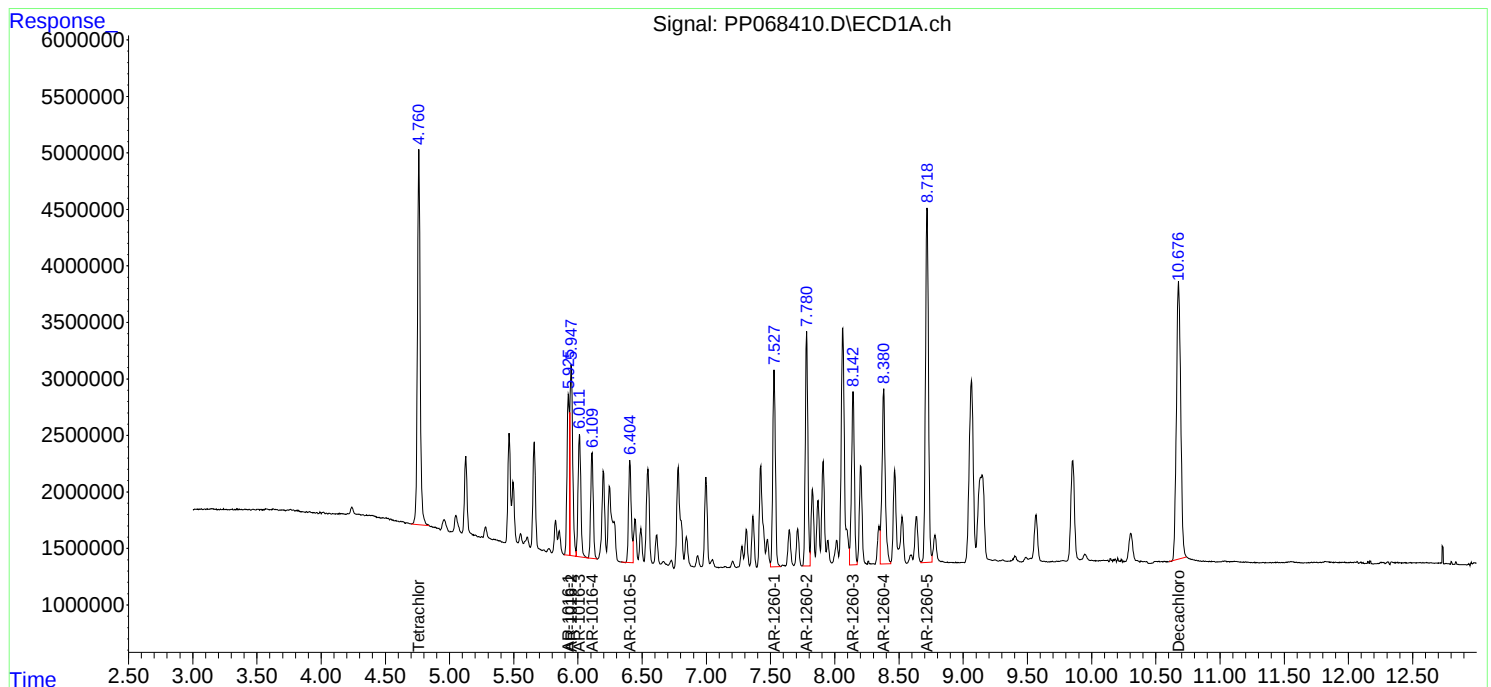
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP111124\
Data File : PP068410.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2024 14:29
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 11 15:21:52 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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





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

CALIBRATION VERIFICATION SUMMARY

Contract: CLOU03

Lab Code: CHEM Case No.: P4779 SAS No.: P4779 SDG NO.: P4779

Continuing Calib Date: 11/11/2024 Initial Calibration Date(s): 11/08/2024 11/08/2024

Continuing Calib Time: 18:55 Initial Calibration Time(s): 02:45 10:39

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.92	5.92	5.82	6.02	0.00
Aroclor-1016-2	(2)	5.95	5.94	5.84	6.04	-0.01
Aroclor-1016-3	(3)	6.01	6.01	5.91	6.11	0.00
Aroclor-1016-4	(4)	6.11	6.11	6.01	6.21	0.00
Aroclor-1016-5	(5)	6.40	6.40	6.30	6.50	0.00
Aroclor-1260-1	(1)	7.53	7.52	7.42	7.62	-0.01
Aroclor-1260-2	(2)	7.78	7.78	7.68	7.88	0.00
Aroclor-1260-3	(3)	8.14	8.14	8.04	8.24	0.00
Aroclor-1260-4	(4)	8.38	8.38	8.28	8.48	0.00
Aroclor-1260-5	(5)	8.72	8.71	8.61	8.81	-0.01
Tetrachloro-m-xylene		4.76	4.76	4.66	4.86	0.00
Decachlorobiphenyl		10.68	10.67	10.57	10.77	-0.01



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CALIBRATION VERIFICATION SUMMARY

Contract: CLOU03

Lab Code: CHEM Case No.: P4779 SAS No.: P4779 SDG NO.: P4779

Continuing Calib Date: 11/11/2024 Initial Calibration Date(s): 11/08/2024 11/08/2024

Continuing Calib Time: 18:55 Initial Calibration Time(s): 02:45 10:39

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.16	5.16	5.06	5.26	0.00
Aroclor-1016-2	(2)	5.18	5.18	5.08	5.28	0.00
Aroclor-1016-3	(3)	5.36	5.36	5.26	5.46	0.00
Aroclor-1016-4	(4)	5.40	5.40	5.30	5.50	0.00
Aroclor-1016-5	(5)	5.62	5.62	5.52	5.72	0.00
Aroclor-1260-1	(1)	6.66	6.66	6.56	6.76	0.00
Aroclor-1260-2	(2)	6.85	6.85	6.75	6.95	0.00
Aroclor-1260-3	(3)	7.01	7.01	6.91	7.11	0.00
Aroclor-1260-4	(4)	7.48	7.48	7.38	7.58	0.00
Aroclor-1260-5	(5)	7.72	7.72	7.62	7.82	0.00
Tetrachloro-m-xylene		4.05	4.05	3.95	4.15	0.00
Decachlorobiphenyl		9.21	9.21	9.11	9.31	0.00



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

CALIBRATION VERIFICATION SUMMARY

Contract: CLOU03

Lab Code: CHEM Case No.: P4779 SAS No.: P4779 SDG NO.: P4779

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 11/08/2024 11/08/2024

Client Sample No.: CCAL03 Date Analyzed: 11/11/2024

Lab Sample No.: AR1660CCC500 Data File : PP068425.D Time Analyzed: 18:55

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.924	5.821	6.021	495.250	500.000	-1.0
Aroclor-1016-2	5.946	5.844	6.044	498.100	500.000	-0.4
Aroclor-1016-3	6.009	5.908	6.108	507.690	500.000	1.5
Aroclor-1016-4	6.108	6.005	6.205	518.170	500.000	3.6
Aroclor-1016-5	6.402	6.299	6.499	497.070	500.000	-0.6
Aroclor-1260-1	7.526	7.423	7.623	486.930	500.000	-2.6
Aroclor-1260-2	7.779	7.676	7.876	478.320	500.000	-4.3
Aroclor-1260-3	8.140	8.038	8.238	470.110	500.000	-6.0
Aroclor-1260-4	8.379	8.276	8.476	466.040	500.000	-6.8
Aroclor-1260-5	8.717	8.613	8.813	462.010	500.000	-7.6
Decachlorobiphenyl	10.676	10.572	10.772	45.730	50.000	-8.5
Tetrachloro-m-xylene	4.759	4.657	4.857	51.430	50.000	2.9



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

CALIBRATION VERIFICATION SUMMARY

Contract: CLOU03

Lab Code: CHEM Case No.: P4779 SAS No.: P4779 SDG NO.: P4779

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 11/08/2024 11/08/2024

Client Sample No.: CCAL03 Date Analyzed: 11/11/2024

Lab Sample No.: AR1660CCC500 Data File : PP068425.D Time Analyzed: 18:55

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.159	5.058	5.258	501.280	500.000	0.3
Aroclor-1016-2	5.178	5.079	5.279	489.600	500.000	-2.1
Aroclor-1016-3	5.359	5.259	5.459	467.210	500.000	-6.6
Aroclor-1016-4	5.398	5.298	5.498	476.550	500.000	-4.7
Aroclor-1016-5	5.617	5.517	5.717	508.250	500.000	1.7
Aroclor-1260-1	6.661	6.560	6.760	483.050	500.000	-3.4
Aroclor-1260-2	6.847	6.747	6.947	473.010	500.000	-5.4
Aroclor-1260-3	7.005	6.905	7.105	471.680	500.000	-5.7
Aroclor-1260-4	7.479	7.378	7.578	482.810	500.000	-3.4
Aroclor-1260-5	7.718	7.617	7.817	471.330	500.000	-5.7
Decachlorobiphenyl	9.212	9.110	9.310	46.140	50.000	-7.7
Tetrachloro-m-xylene	4.051	3.951	4.151	50.510	50.000	1.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP111124\
 Data File : PP068425.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2024 18:55
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 12 02:05:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 11:04:08 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.759	4.051	49923037	48904213	51.435	50.506
2) SA Decachlor...	10.676	9.212	57231056	52195635	45.731	46.143
Target Compounds						
3) L1 AR-1016-1	5.924	5.159	17797459	16565808	495.253	501.278
4) L1 AR-1016-2	5.946	5.178	26374785	22885301	498.105	489.603
5) L1 AR-1016-3	6.009	5.359	16808947	12633521	507.693	467.212
6) L1 AR-1016-4	6.108	5.398	13618674	11244170	518.174	476.549
7) L1 AR-1016-5	6.402	5.617	14021386	15065507	497.071	508.246
31) L7 AR-1260-1	7.526	6.661	26345168	26881057	486.934	483.047
32) L7 AR-1260-2	7.779	6.847	30426117	31329965	478.316	473.007
33) L7 AR-1260-3	8.140	7.005	25287908	29193242	470.105	471.685
34) L7 AR-1260-4	8.379	7.479	29000829	25462179	466.041	482.814
35) L7 AR-1260-5	8.717	7.718	52292312	56124161	462.010	471.331

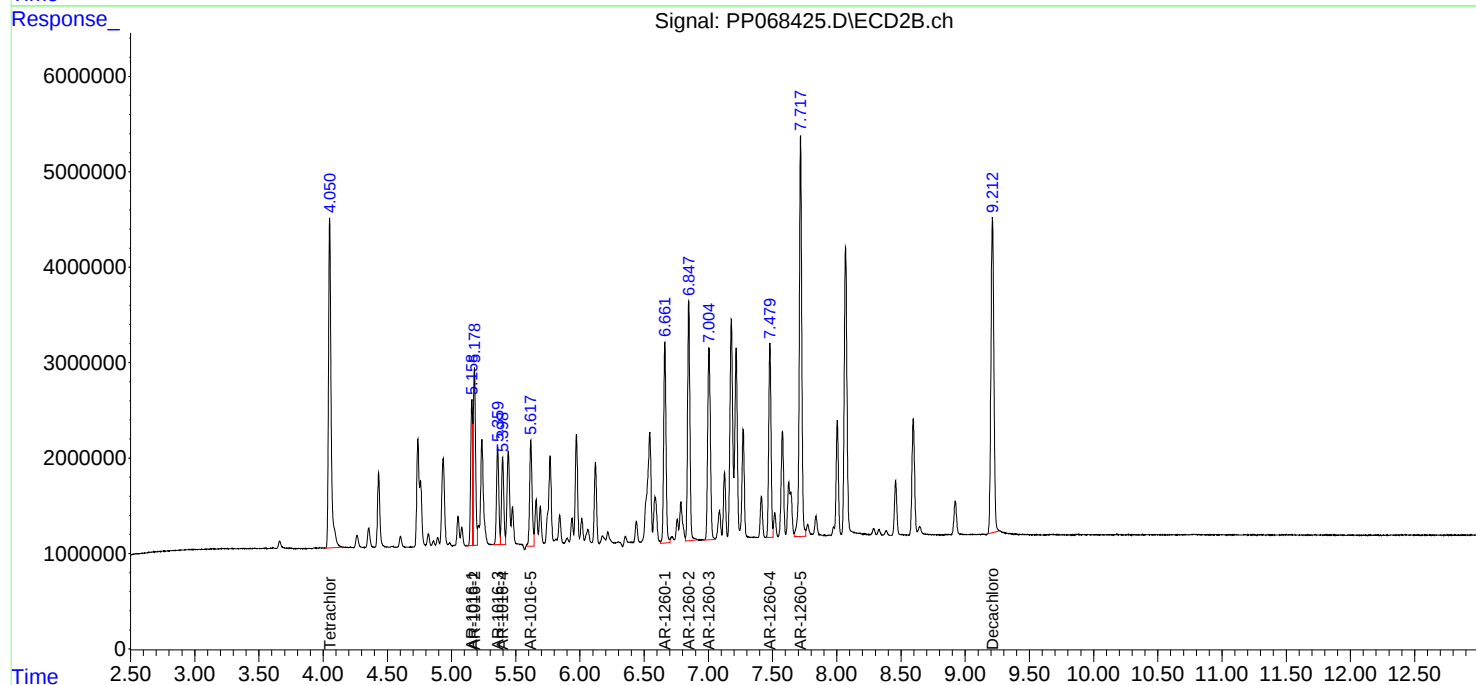
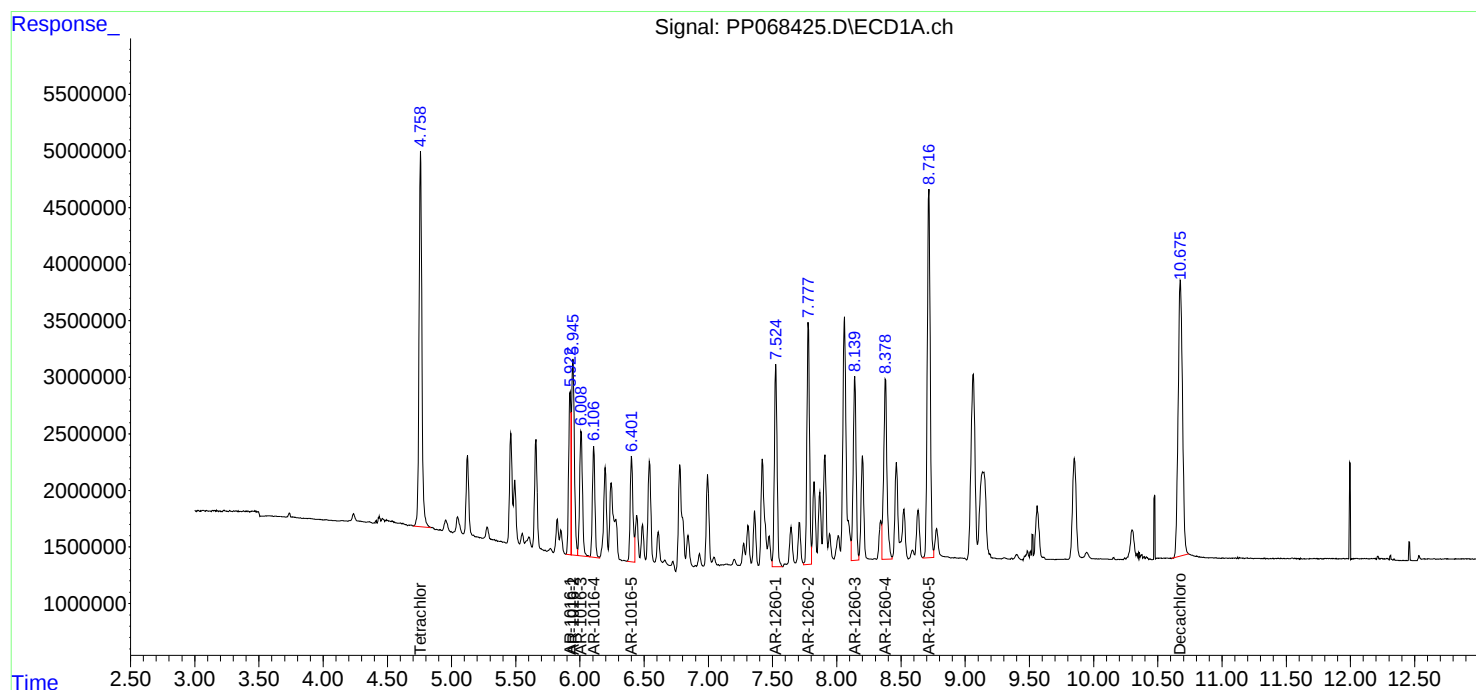
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP111124\
Data File : PP068425.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2024 18:55
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 02:05:53 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Analytical Sequence

Client: CHA Companies, Inc.

SDG No.: P4779

Project: HRPC

Instrument ID: ECD_P

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 11/08/2024

11/08/2024

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 #
IBLK	IBLK	11/08/2024	02:29	PP068360.D	10.67	4.76
AR1660ICC1000	AR1660ICC1000	11/08/2024	02:45	PP068361.D	10.67	4.76
AR1660ICC750	AR1660ICC750	11/08/2024	03:02	PP068362.D	10.68	4.76
AR1660ICC500	AR1660ICC500	11/08/2024	03:18	PP068363.D	10.67	4.76
AR1660ICC250	AR1660ICC250	11/08/2024	03:34	PP068364.D	10.68	4.76
AR1660ICC050	AR1660ICC050	11/08/2024	03:51	PP068365.D	10.67	4.76
AR1221ICC500	AR1221ICC500	11/08/2024	04:07	PP068366.D	10.68	4.76
AR1232ICC500	AR1232ICC500	11/08/2024	04:23	PP068367.D	10.67	4.76
AR1242ICC1000	AR1242ICC1000	11/08/2024	04:40	PP068368.D	10.67	4.76
AR1242ICC750	AR1242ICC750	11/08/2024	04:56	PP068369.D	10.67	4.76
AR1242ICC500	AR1242ICC500	11/08/2024	05:12	PP068370.D	10.67	4.76
AR1242ICC250	AR1242ICC250	11/08/2024	05:29	PP068371.D	10.67	4.76
AR1242ICC050	AR1242ICC050	11/08/2024	05:45	PP068372.D	10.68	4.76
AR1248ICC1000	AR1248ICC1000	11/08/2024	06:01	PP068373.D	10.67	4.76
AR1248ICC750	AR1248ICC750	11/08/2024	06:18	PP068374.D	10.68	4.76
AR1248ICC500	AR1248ICC500	11/08/2024	06:34	PP068375.D	10.67	4.76
AR1248ICC250	AR1248ICC250	11/08/2024	06:50	PP068376.D	10.67	4.76
AR1248ICC050	AR1248ICC050	11/08/2024	07:07	PP068377.D	10.67	4.76
AR1254ICC1000	AR1254ICC1000	11/08/2024	07:23	PP068378.D	10.67	4.76
AR1254ICC750	AR1254ICC750	11/08/2024	07:39	PP068379.D	10.67	4.76
AR1254ICC500	AR1254ICC500	11/08/2024	07:56	PP068380.D	10.67	4.76
AR1254ICC250	AR1254ICC250	11/08/2024	08:12	PP068381.D	10.67	4.76
AR1254ICC050	AR1254ICC050	11/08/2024	08:28	PP068382.D	10.67	4.76
AR1262ICC500	AR1262ICC500	11/08/2024	08:45	PP068383.D	10.67	4.76
AR1268ICC1000	AR1268ICC1000	11/08/2024	09:01	PP068384.D	10.67	4.76
AR1268ICC750	AR1268ICC750	11/08/2024	09:17	PP068385.D	10.67	4.76
AR1268ICC500	AR1268ICC500	11/08/2024	09:34	PP068386.D	10.67	4.76
AR1268ICC250	AR1268ICC250	11/08/2024	09:50	PP068387.D	10.67	4.76
AR1268ICC050	AR1268ICC050	11/08/2024	10:39	PP068388.D	10.67	4.76
AR1660CCC500	AR1660CCC500	11/11/2024	09:40	PP068395.D	10.67	4.76
IBLK	IBLK	11/11/2024	10:46	PP068399.D	10.68	4.76
PB164860BL	PB164860BL	11/11/2024	12:21	PP068404.D	10.68	4.76
PB164860BS	PB164860BS	11/11/2024	12:37	PP068405.D	10.68	4.76
SOIL-01	P4779-01	11/11/2024	12:54	PP068406.D	10.68	4.76
AR1660CCC500	AR1660CCC500	11/11/2024	14:29	PP068410.D	10.68	4.76
IBLK	IBLK	11/11/2024	15:34	PP068414.D	10.68	4.76
BP-F21MS	P4789-01MS	11/11/2024	16:23	PP068417.D	10.68	4.76
BP-F21MSD	P4789-01MSD	11/11/2024	16:40	PP068418.D	10.68	4.76
AR1660CCC500	AR1660CCC500	11/11/2024	18:55	PP068425.D	10.68	4.76
IBLK	IBLK	11/11/2024	20:01	PP068429.D	10.68	4.76

Analytical Sequence

Client: CHA Companies, Inc.

SDG No.: P4779

Project: HRPC

Instrument ID: ECD_P

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 11/08/2024

11/08/2024

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 #
IBLK	IBLK	11/08/2024	02:29	PP068360.D	9.21	4.05
AR1660ICC1000	AR1660ICC1000	11/08/2024	02:45	PP068361.D	9.21	4.05
AR1660ICC750	AR1660ICC750	11/08/2024	03:02	PP068362.D	9.21	4.05
AR1660ICC500	AR1660ICC500	11/08/2024	03:18	PP068363.D	9.21	4.05
AR1660ICC250	AR1660ICC250	11/08/2024	03:34	PP068364.D	9.21	4.05
AR1660ICC050	AR1660ICC050	11/08/2024	03:51	PP068365.D	9.21	4.05
AR1221ICC500	AR1221ICC500	11/08/2024	04:07	PP068366.D	9.21	4.05
AR1232ICC500	AR1232ICC500	11/08/2024	04:23	PP068367.D	9.21	4.05
AR1242ICC1000	AR1242ICC1000	11/08/2024	04:40	PP068368.D	9.21	4.05
AR1242ICC750	AR1242ICC750	11/08/2024	04:56	PP068369.D	9.21	4.05
AR1242ICC500	AR1242ICC500	11/08/2024	05:12	PP068370.D	9.21	4.05
AR1242ICC250	AR1242ICC250	11/08/2024	05:29	PP068371.D	9.21	4.05
AR1242ICC050	AR1242ICC050	11/08/2024	05:45	PP068372.D	9.21	4.05
AR1248ICC1000	AR1248ICC1000	11/08/2024	06:01	PP068373.D	9.21	4.05
AR1248ICC750	AR1248ICC750	11/08/2024	06:18	PP068374.D	9.21	4.05
AR1248ICC500	AR1248ICC500	11/08/2024	06:34	PP068375.D	9.21	4.05
AR1248ICC250	AR1248ICC250	11/08/2024	06:50	PP068376.D	9.21	4.05
AR1248ICC050	AR1248ICC050	11/08/2024	07:07	PP068377.D	9.21	4.05
AR1254ICC1000	AR1254ICC1000	11/08/2024	07:23	PP068378.D	9.21	4.05
AR1254ICC750	AR1254ICC750	11/08/2024	07:39	PP068379.D	9.21	4.05
AR1254ICC500	AR1254ICC500	11/08/2024	07:56	PP068380.D	9.21	4.05
AR1254ICC250	AR1254ICC250	11/08/2024	08:12	PP068381.D	9.21	4.05
AR1254ICC050	AR1254ICC050	11/08/2024	08:28	PP068382.D	9.21	4.05
AR1262ICC500	AR1262ICC500	11/08/2024	08:45	PP068383.D	9.21	4.05
AR1268ICC1000	AR1268ICC1000	11/08/2024	09:01	PP068384.D	9.21	4.05
AR1268ICC750	AR1268ICC750	11/08/2024	09:17	PP068385.D	9.21	4.05
AR1268ICC500	AR1268ICC500	11/08/2024	09:34	PP068386.D	9.21	4.05
AR1268ICC250	AR1268ICC250	11/08/2024	09:50	PP068387.D	9.21	4.05
AR1268ICC050	AR1268ICC050	11/08/2024	10:39	PP068388.D	9.21	4.05
AR1660CCC500	AR1660CCC500	11/11/2024	09:40	PP068395.D	9.21	4.05
IBLK	IBLK	11/11/2024	10:46	PP068399.D	9.21	4.05
PB164860BL	PB164860BL	11/11/2024	12:21	PP068404.D	9.21	4.05
PB164860BS	PB164860BS	11/11/2024	12:37	PP068405.D	9.21	4.05
SOIL-01	P4779-01	11/11/2024	12:54	PP068406.D	9.21	4.05
AR1660CCC500	AR1660CCC500	11/11/2024	14:29	PP068410.D	9.21	4.05
IBLK	IBLK	11/11/2024	15:34	PP068414.D	9.21	4.05
BP-F21MS	P4789-01MS	11/11/2024	16:23	PP068417.D	9.21	4.05
BP-F21MSD	P4789-01MSD	11/11/2024	16:40	PP068418.D	9.21	4.05
AR1660CCC500	AR1660CCC500	11/11/2024	18:55	PP068425.D	9.21	4.05
IBLK	IBLK	11/11/2024	20:01	PP068429.D	9.21	4.05

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB164860BS

Contract: CLOU03

Lab Code: CHEM Case No.: P4779 SAS No.: P4779 SDG NO.: P4779

Lab Sample ID: PB164860BS Date(s) Analyzed: 11/11/2024 11/11/2024

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

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

Data file PP068405.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.926	5.876	5.976	141	138	6.32
COLUMN 1	2	5.948	5.898	5.998	142		
	3	6.011	5.961	6.061	140		
	4	6.109	6.059	6.159	141		
	5	6.404	6.354	6.454	127		
	1	5.158	5.108	5.208	154		
COLUMN 2	2	5.178	5.128	5.228	152	147	
	3	5.359	5.309	5.409	145		
	4	5.398	5.348	5.448	145		
	5	5.617	5.567	5.667	139		
Aroclor-1260	1	7.528	7.478	7.578	137	119	11.11
COLUMN 1	2	7.78	7.73	7.83	126		
	3	8.142	8.092	8.192	103		
	4	8.38	8.33	8.43	119		
	5	8.718	8.668	8.768	111		
	1	6.66	6.61	6.71	140		
COLUMN 2	2	6.847	6.797	6.897	144	133	
	3	7.005	6.955	7.055	142		
	4	7.479	7.429	7.529	123		
	5	7.718	7.668	7.768	116		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

BP-F21MS

Contract: CLOU03

Lab Code: CHEM

Case No.: P4779

SAS No.: P4779

SDG NO.: P4779

Lab Sample ID: P4789-01MS

Date(s) Analyzed: 11/11/2024

11/11/2024

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

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

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

Data file PP068417.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.923	5.873	5.973	205	198	1.01
COLUMN 1	2	5.945	5.895	5.995	192		
	3	6.009	5.959	6.059	194		
	4	6.108	6.058	6.158	205		
	5	6.402	6.352	6.452	193		
	1	5.158	5.108	5.208	207		
COLUMN 2	2	5.178	5.128	5.228	204	200	
	3	5.359	5.309	5.409	204		
	4	5.398	5.348	5.448	194		
	5	5.617	5.567	5.667	191		
Aroclor-1260	1	7.526	7.476	7.576	199	176	2.8
COLUMN 1	2	7.78	7.73	7.83	194		
	3	8.141	8.091	8.191	158		
	4	8.379	8.329	8.429	167		
	5	8.717	8.667	8.767	163		
	1	6.66	6.61	6.71	190		
COLUMN 2	2	6.846	6.796	6.896	186	181	
	3	7.004	6.954	7.054	191		
	4	7.479	7.429	7.529	169		
	5	7.717	7.667	7.767	169		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

BP-F21MSD

Contract: CLOU03

Lab Code: CHEM

Case No.: P4779

SAS No.: P4779

SDG NO.: P4779

Lab Sample ID: P4789-01MSD

Date(s) Analyzed: 11/11/2024

11/11/2024

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

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

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

Data file PP068418.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.921	5.871	5.971	224	201	0.5
COLUMN 1	2	5.944	5.894	5.994	192		
	3	6.007	5.957	6.057	192		
	4	6.107	6.057	6.157	205		
	5	6.401	6.351	6.451	193		
	1	5.159	5.109	5.209	211		
COLUMN 2	2	5.179	5.129	5.229	206	202	
	3	5.359	5.309	5.409	206		
	4	5.399	5.349	5.449	198		
	5	5.617	5.567	5.667	192		
Aroclor-1260	1	7.525	7.475	7.575	197	177	2.79
COLUMN 1	2	7.778	7.728	7.828	196		
	3	8.14	8.09	8.19	160		
	4	8.378	8.328	8.428	168		
	5	8.716	8.666	8.766	165		
	1	6.661	6.611	6.711	193	182	
COLUMN 2	2	6.847	6.797	6.897	188		
	3	7.005	6.955	7.055	193		
	4	7.479	7.429	7.529	169		
	5	7.719	7.669	7.769	170		



QC SAMPLE DATA

Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	
Project:	HRPC	Date Received:	
Client Sample ID:	PB164860BL	SDG No.:	P4779
Lab Sample ID:	PB164860BL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP068404.D	1	11/11/24 08:30	11/11/24 12:21	PB164860

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.40	U	3.40	17.0	ug/kg
11104-28-2	Aroclor-1221	6.40	U	6.40	17.0	ug/kg
11141-16-5	Aroclor-1232	3.40	U	3.40	17.0	ug/kg
53469-21-9	Aroclor-1242	3.40	U	3.40	17.0	ug/kg
12672-29-6	Aroclor-1248	7.90	U	7.90	17.0	ug/kg
11097-69-1	Aroclor-1254	2.70	U	2.70	17.0	ug/kg
37324-23-5	Aroclor-1262	4.60	U	4.60	17.0	ug/kg
11100-14-4	Aroclor-1268	3.40	U	3.40	17.0	ug/kg
11096-82-5	Aroclor-1260	2.90	U	2.90	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.4		32 - 144	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.4		32 - 175	92%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP111124\
 Data File : PP068404.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2024 12:21
 Operator : YP\AJ
 Sample : PB164860BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PB164860BL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 11 12:56:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 11:04:08 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

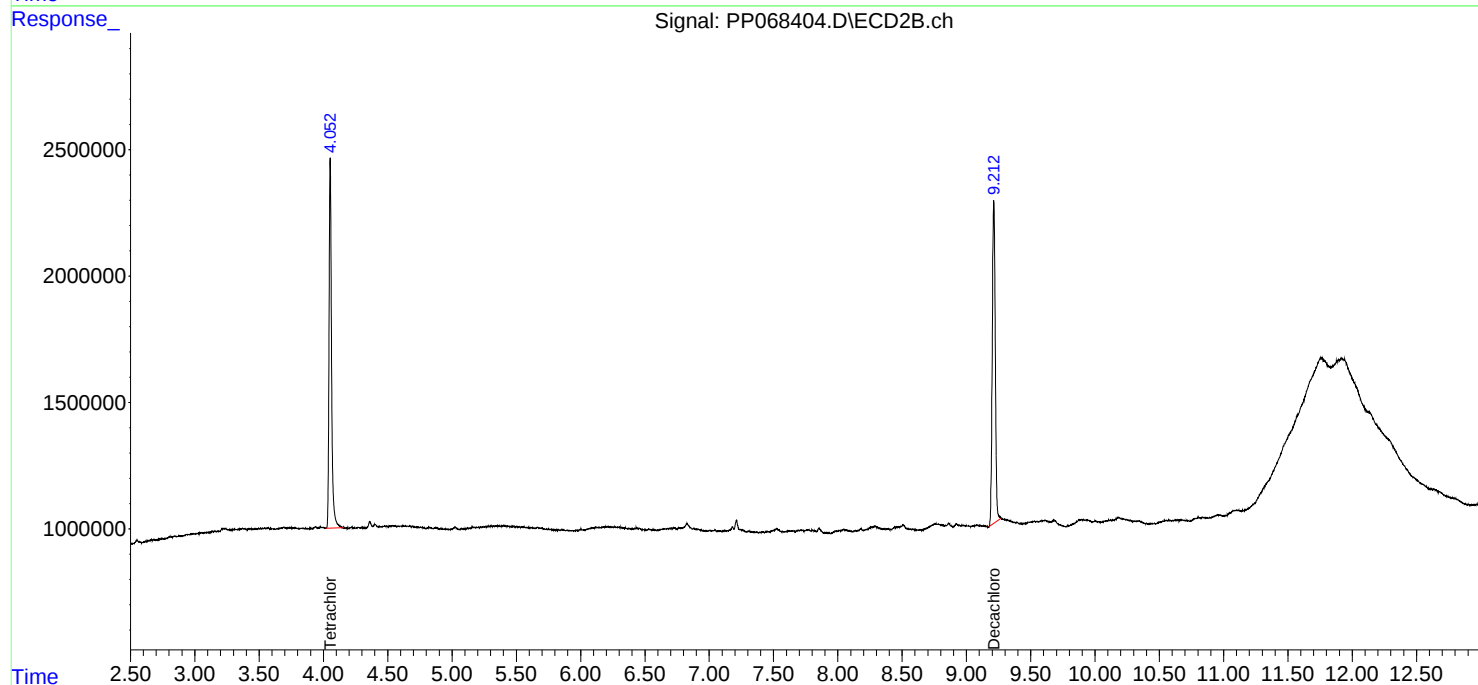
System Monitoring Compounds						
1) SA Tetrachlo...	4.760	4.053	19090932	19792192	19.669	20.440
2) SA Decachlor...	10.678	9.212	23069808	20674144	18.434	18.277

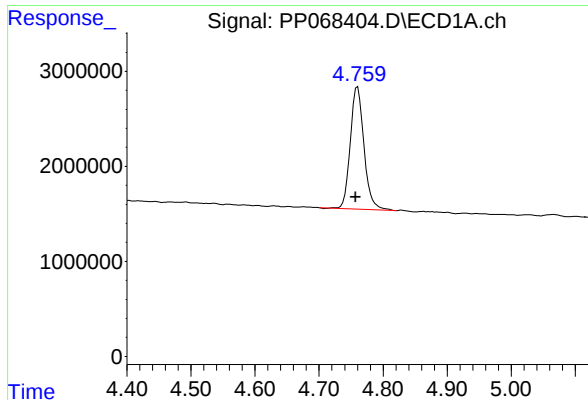
Target Compounds

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

Instrument :
ECD_P
ClientSampleId :
PB164860BL

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

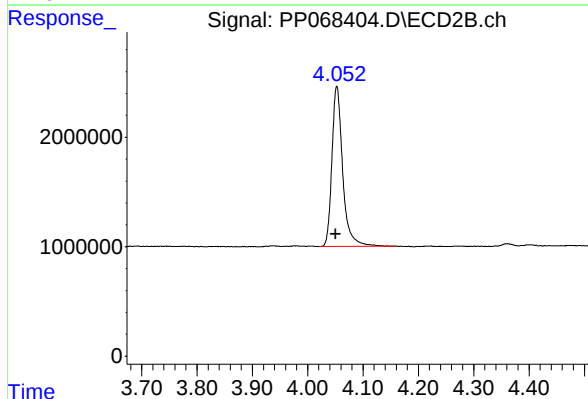




#1 Tetrachloro-m-xylene

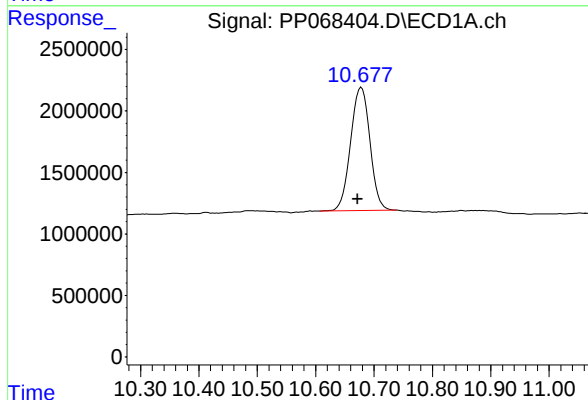
R.T.: 4.760 min
Delta R.T.: 0.003 min
Response: 19090932
Conc: 19.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB164860BL



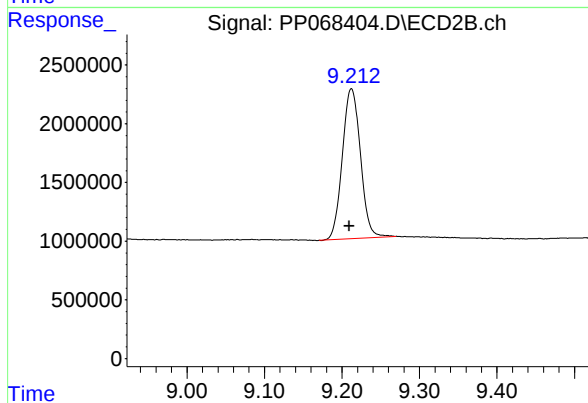
#1 Tetrachloro-m-xylene

R.T.: 4.053 min
Delta R.T.: 0.002 min
Response: 19792192
Conc: 20.44 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.678 min
Delta R.T.: 0.006 min
Response: 23069808
Conc: 18.43 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.212 min
Delta R.T.: 0.002 min
Response: 20674144
Conc: 18.28 ng/ml

Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	11/08/24
Project:	HRPC	Date Received:	11/08/24
Client Sample ID:	PIBLK-PP068360.D	SDG No.:	P4779
Lab Sample ID:	I.BLK-PP068360.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP068360.D	1		11/08/24	PP110724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.0		60 - 140	105%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.4		60 - 140	117%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
 Data File : PP068360.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2024 02:29
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 11:04:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 11:04:08 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.758	4.051	20425040	20909072	21.043	21.594
2) SA Decachlor...	10.673	9.211	29234671	26707741	23.360	23.611

Target Compounds

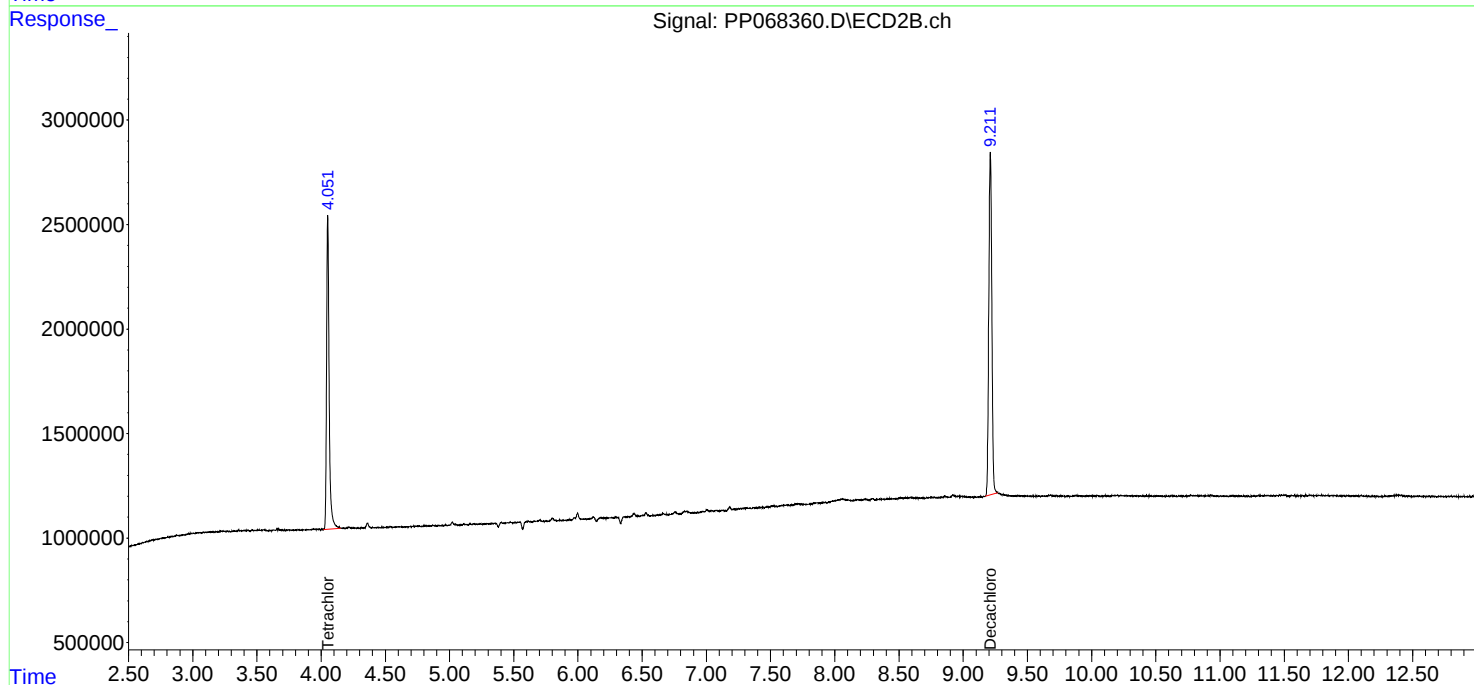
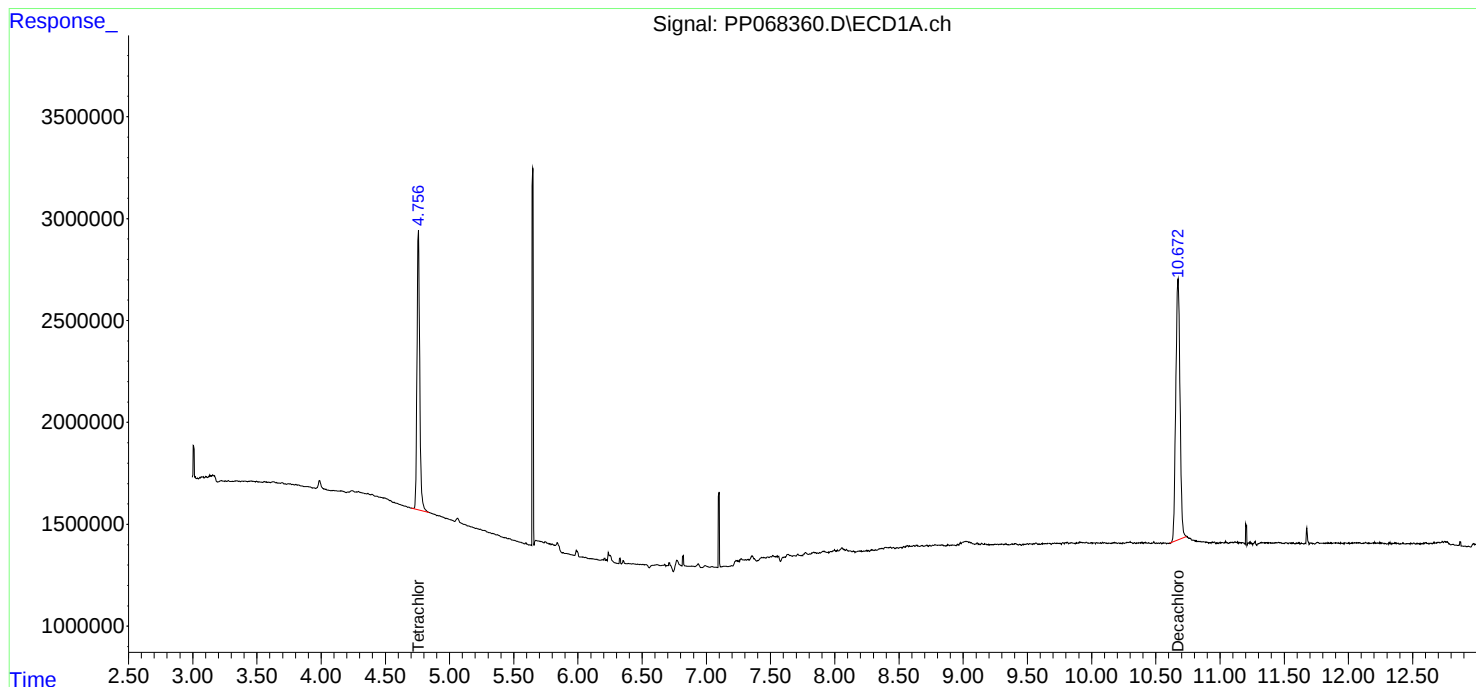
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

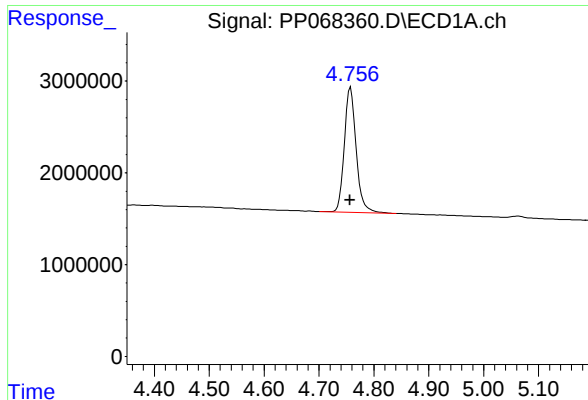
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110724\
Data File : PP068360.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 02:29
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 11:04:37 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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

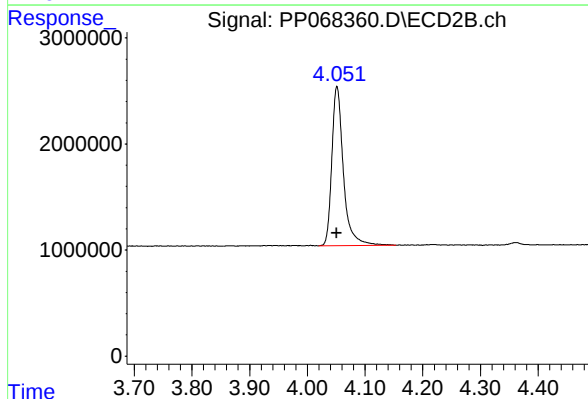




#1 Tetrachloro-m-xylene

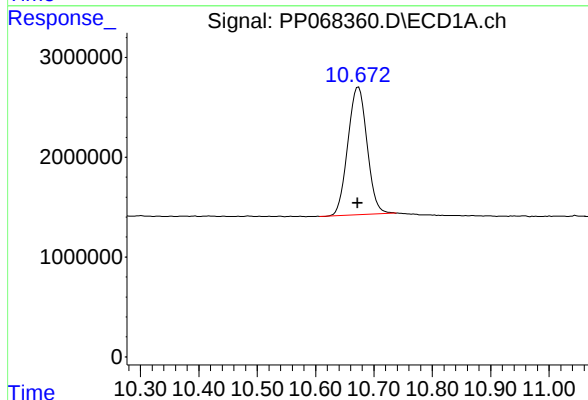
R.T.: 4.758 min
Delta R.T.: 0.000 min
Response: 20425040
Conc: 21.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



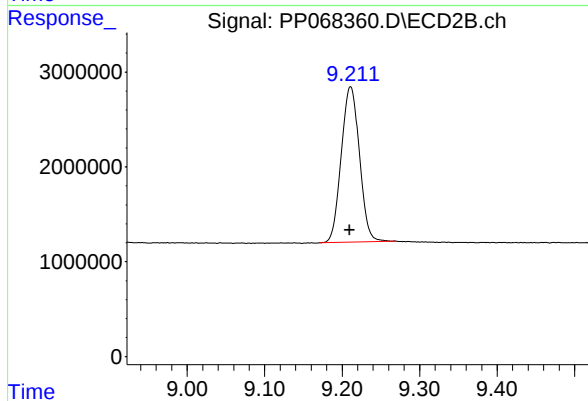
#1 Tetrachloro-m-xylene

R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 20909072
Conc: 21.59 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.673 min
Delta R.T.: 0.001 min
Response: 29234671
Conc: 23.36 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.211 min
Delta R.T.: 0.001 min
Response: 26707741
Conc: 23.61 ng/ml

Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	11/11/24
Project:	HRPC	Date Received:	11/11/24
Client Sample ID:	PIBLK-PP068399.D	SDG No.:	P4779
Lab Sample ID:	I.BLK-PP068399.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP068399.D	1		11/11/24	PP111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.7		60 - 140	109%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.3		60 - 140	117%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP111124\
 Data File : PP068399.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2024 10:46
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 11 12:33:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 11:04:08 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.759	4.050	21442532	21019425	22.092	21.708
2) SA Decachlor...	10.676	9.210	29186701	27089688	23.322	23.948

Target Compounds

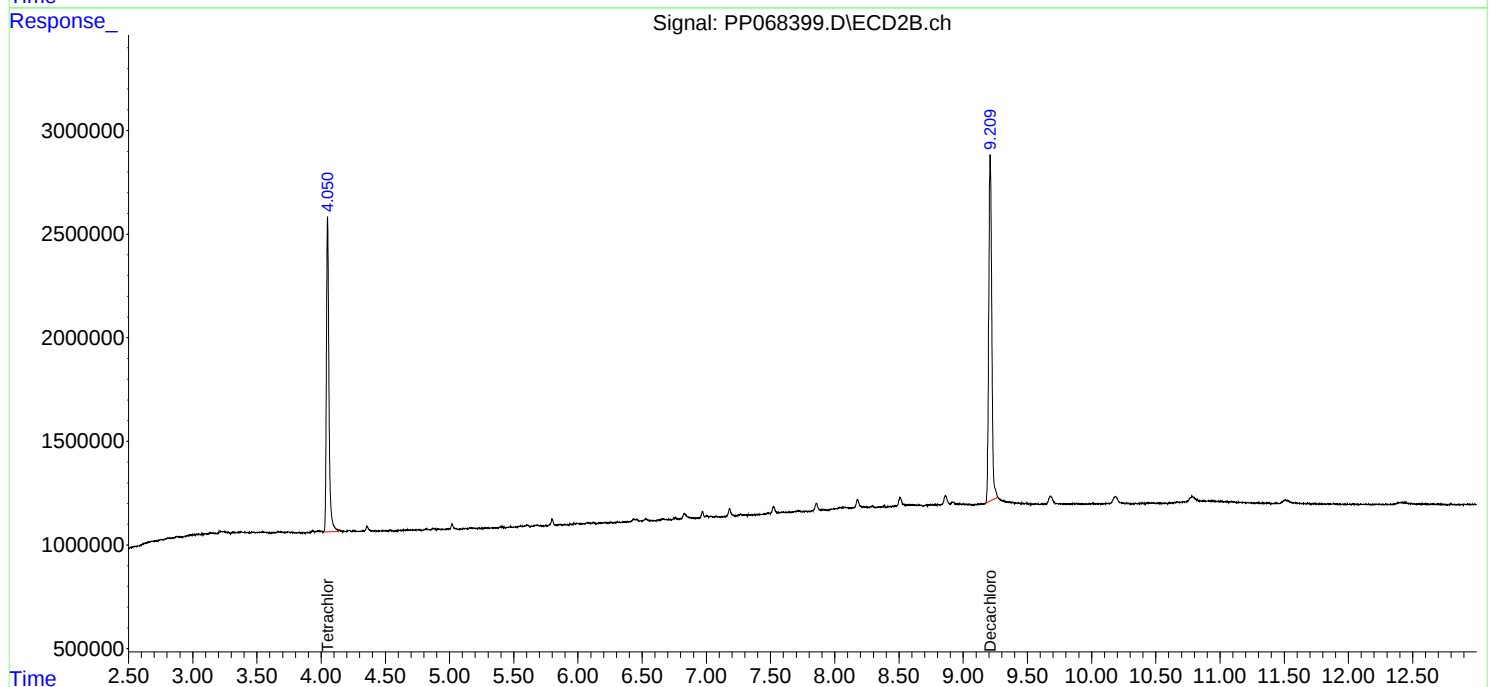
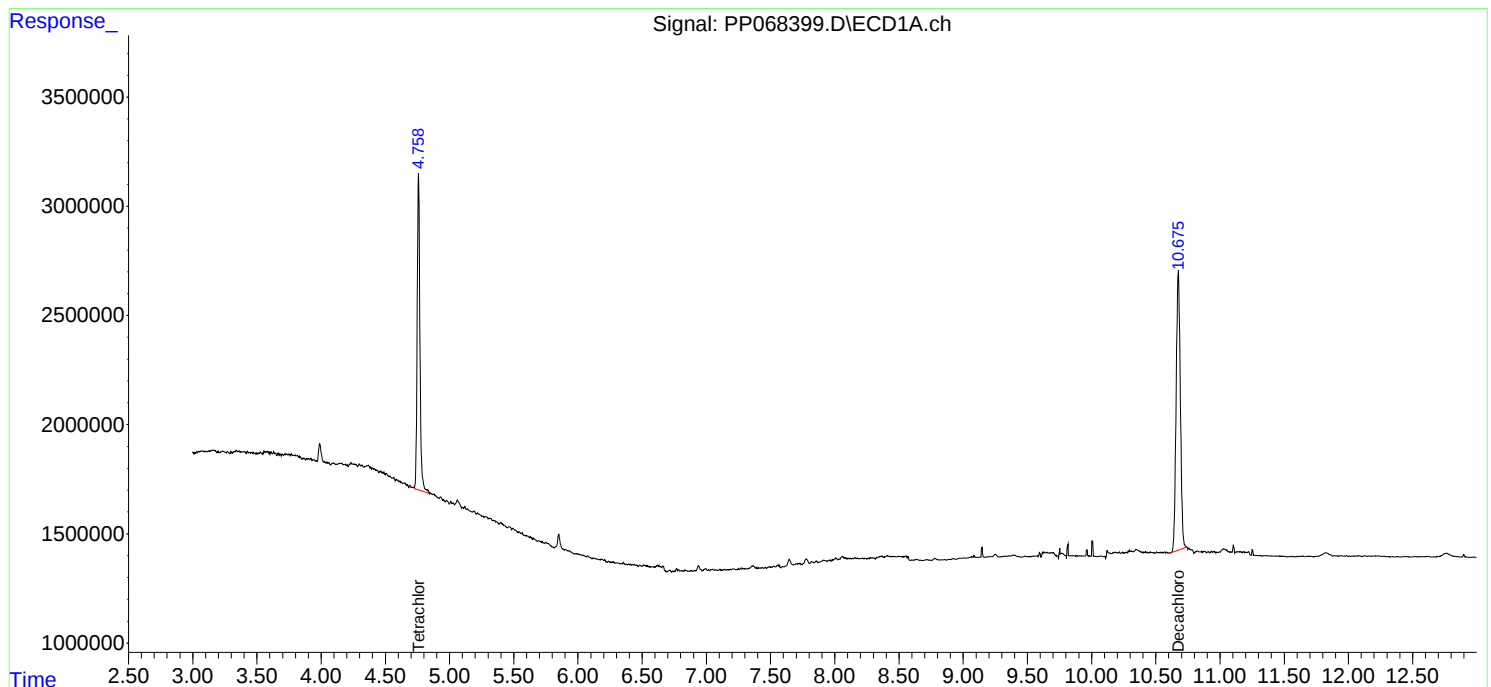
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

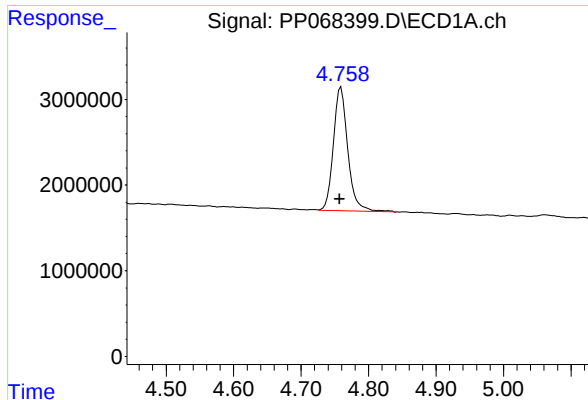
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP111124\
Data File : PP068399.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2024 10:46
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 11 12:33:25 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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

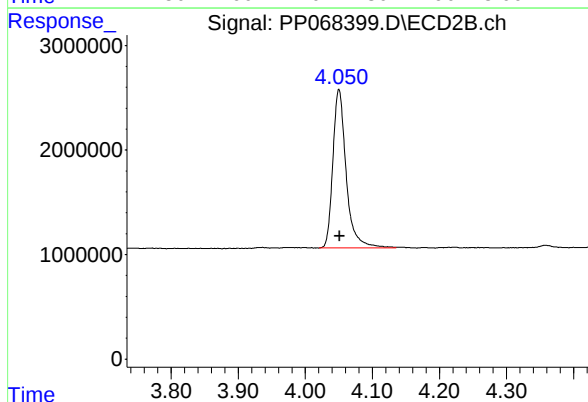




#1 Tetrachloro-m-xylene

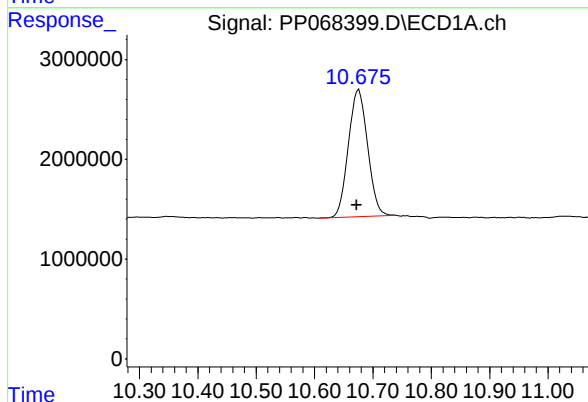
R.T.: 4.759 min
Delta R.T.: 0.002 min
Response: 21442532
Conc: 22.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



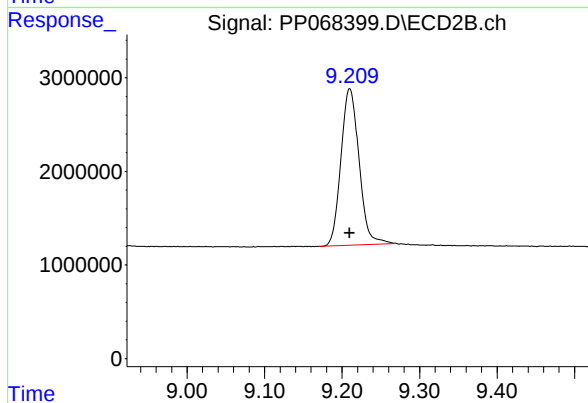
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 21019425
Conc: 21.71 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.676 min
Delta R.T.: 0.004 min
Response: 29186701
Conc: 23.32 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.210 min
Delta R.T.: 0.000 min
Response: 27089688
Conc: 23.95 ng/ml

Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	11/11/24
Project:	HRPC	Date Received:	11/11/24
Client Sample ID:	PIBLK-PP068414.D	SDG No.:	P4779
Lab Sample ID:	I.BLK-PP068414.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP068414.D	1		11/11/24	PP111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.6		60 - 140	108%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.7		60 - 140	113%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP111124\
 Data File : PP068414.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2024 15:34
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 11 15:46:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 11:04:08 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.757	4.051	20928822	21198232	21.563	21.892
2) SA Decachlor...	10.675	9.212	28366226	26390296	22.666	23.330

Target Compounds

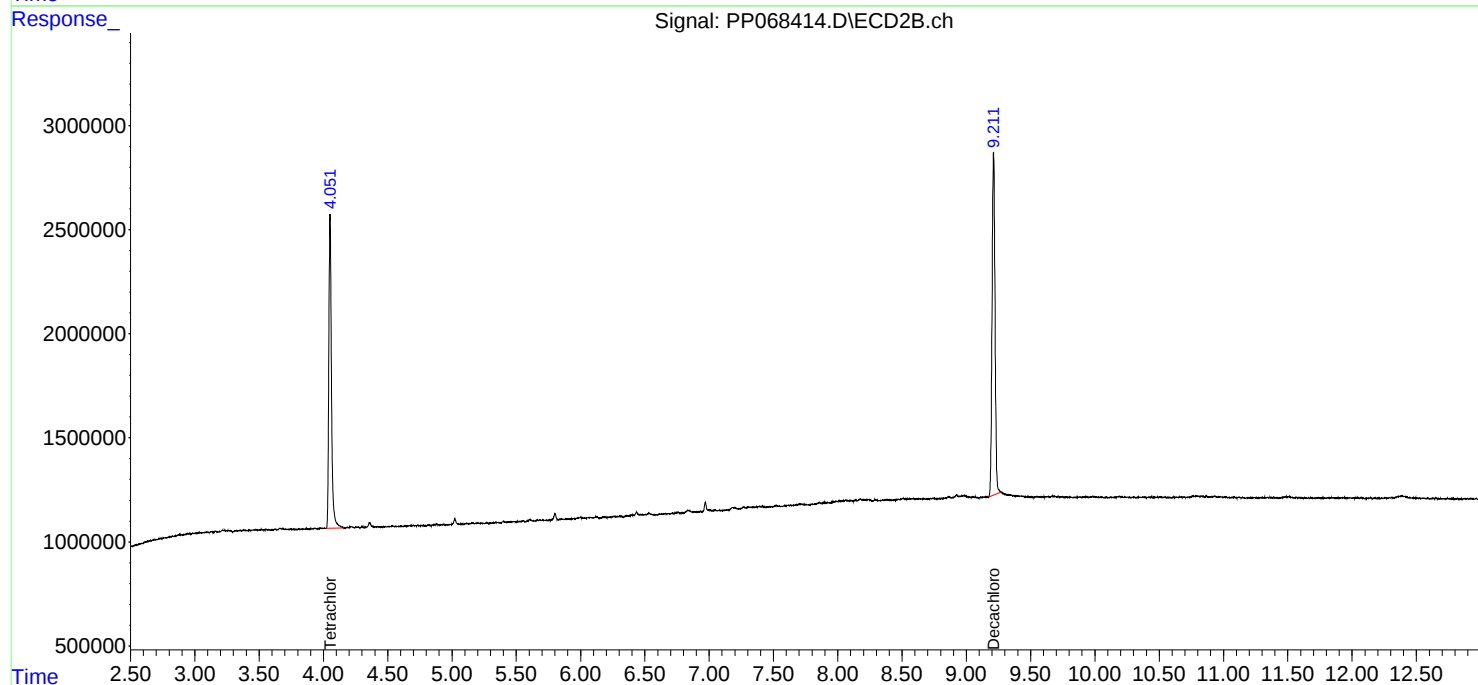
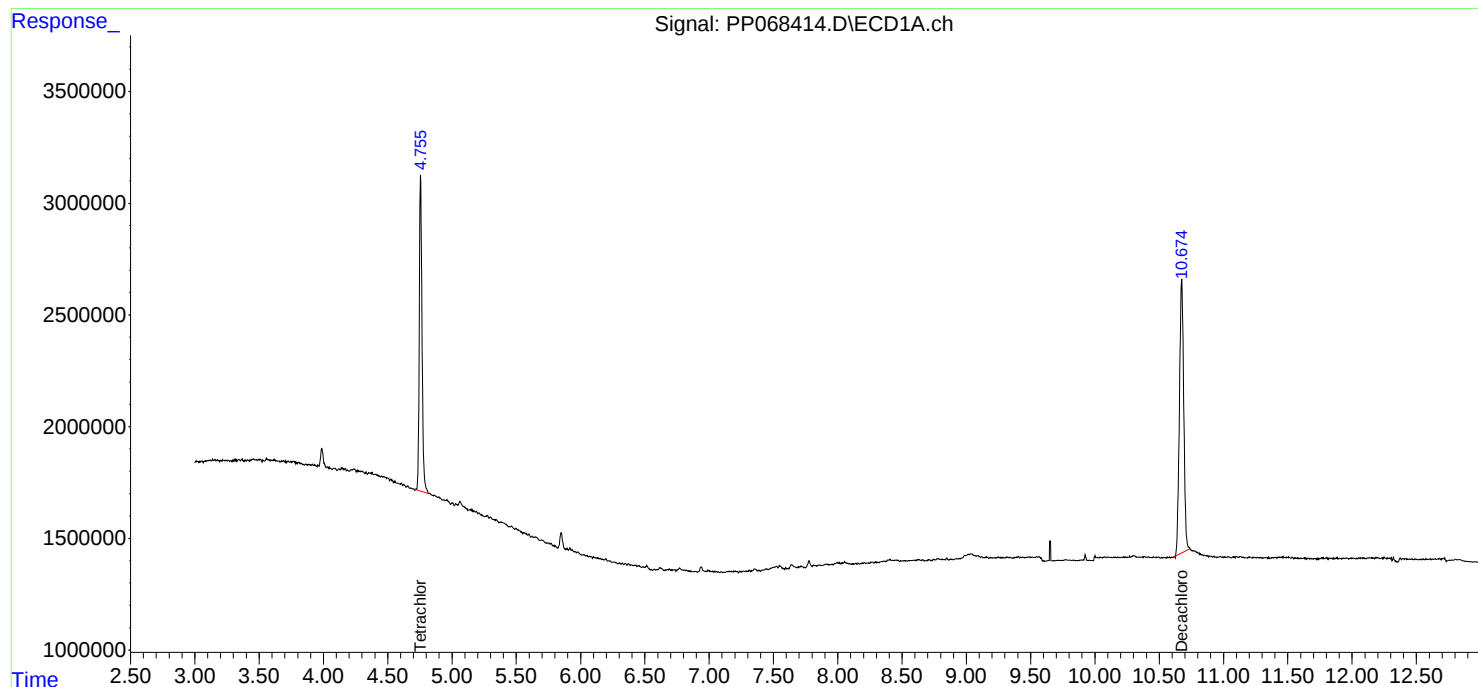
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

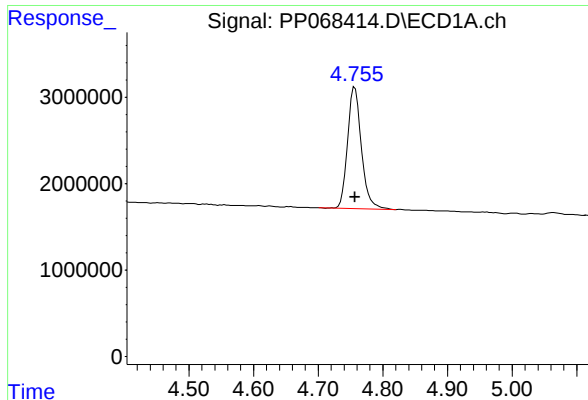
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP111124\
Data File : PP068414.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2024 15:34
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 11 15:46:33 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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

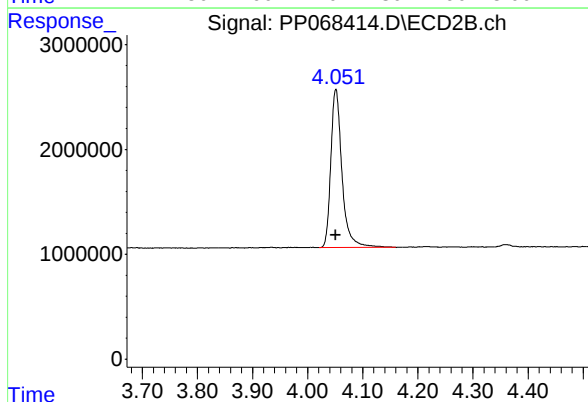




#1 Tetrachloro-m-xylene

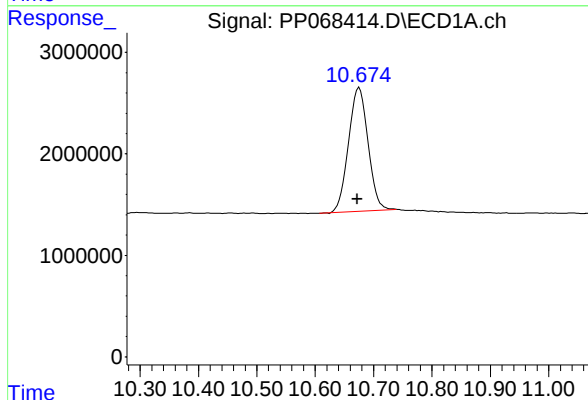
R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 20928822
Conc: 21.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



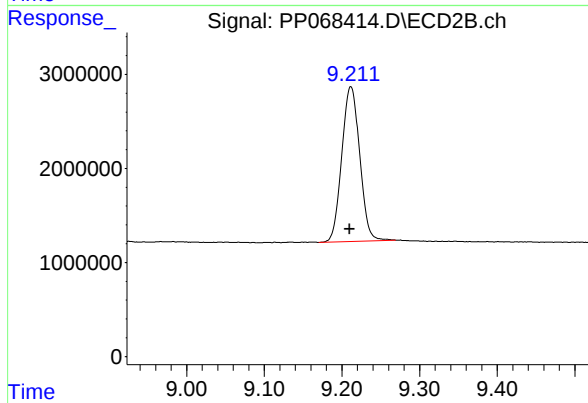
#1 Tetrachloro-m-xylene

R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 21198232
Conc: 21.89 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.675 min
Delta R.T.: 0.003 min
Response: 28366226
Conc: 22.67 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.212 min
Delta R.T.: 0.002 min
Response: 26390296
Conc: 23.33 ng/ml

Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	11/11/24
Project:	HRPC	Date Received:	11/11/24
Client Sample ID:	PIBLK-PP068429.D	SDG No.:	P4779
Lab Sample ID:	I.BLK-PP068429.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP068429.D	1		11/11/24	PP111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.8		60 - 140	109%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.2		60 - 140	111%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP111124\
Data File : PP068429.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2024 20:01
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 02:09:01 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.759	4.052	21139184	21578003	21.779	22.285
2) SA Decachlor...	10.676	9.213	27783727	26028802	22.201	23.010

Target Compounds

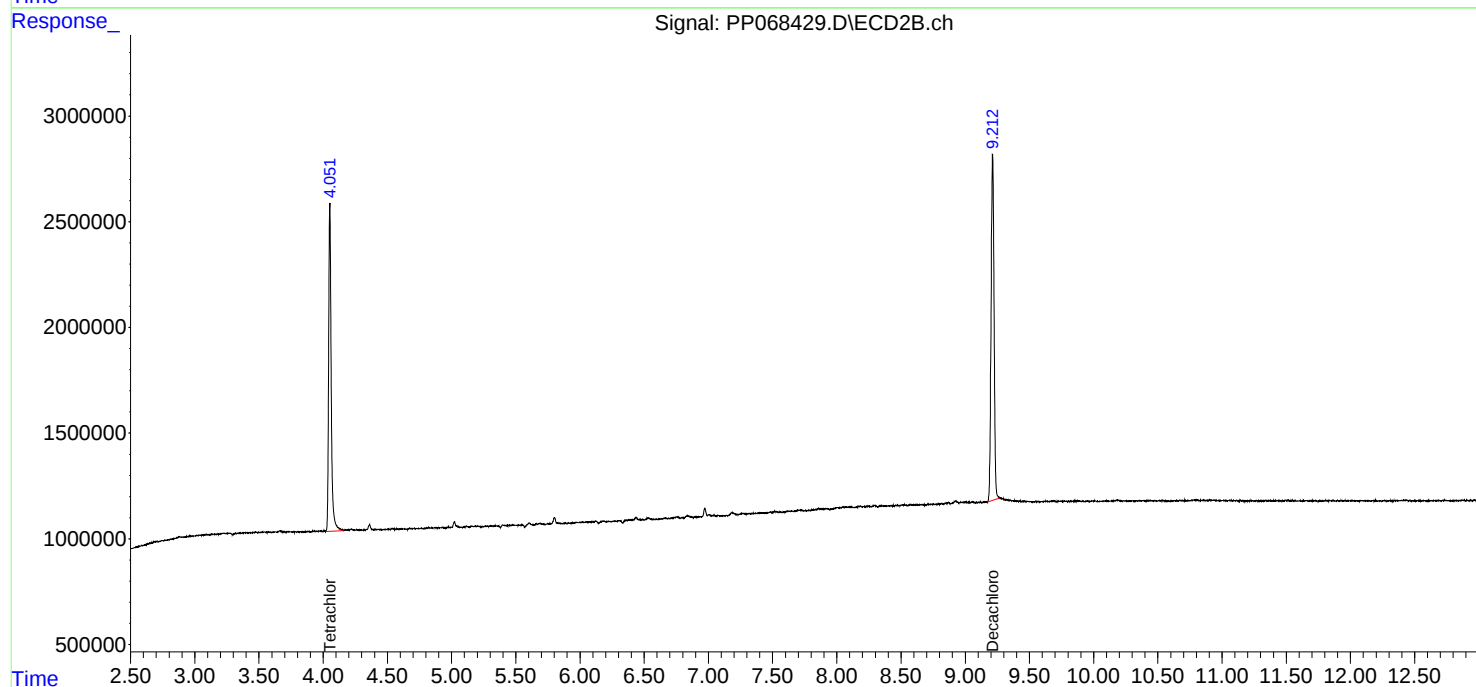
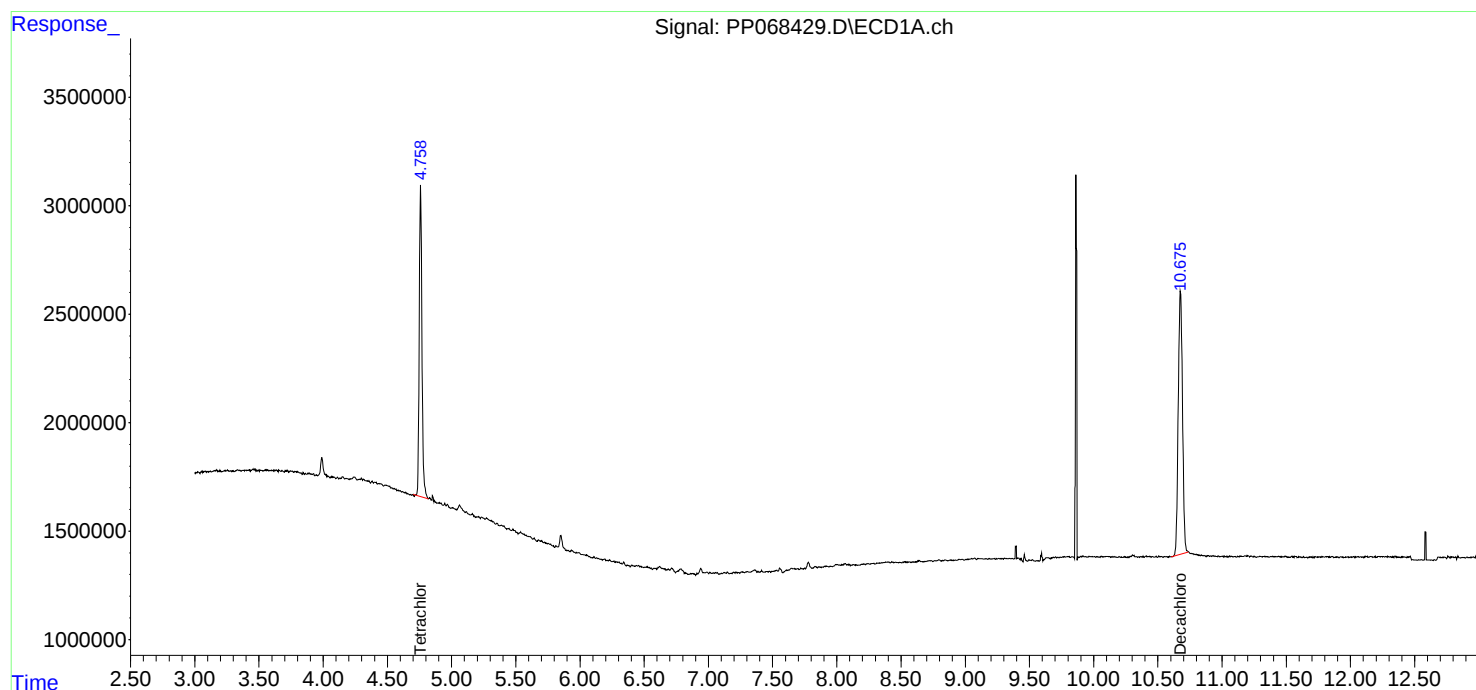
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

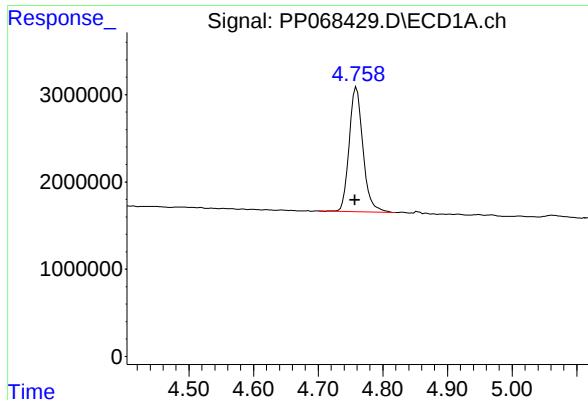
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP111124\
Data File : PP068429.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2024 20:01
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 02:09:01 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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

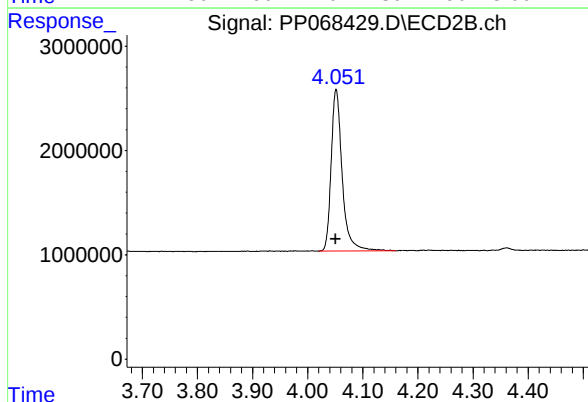




#1 Tetrachloro-m-xylene

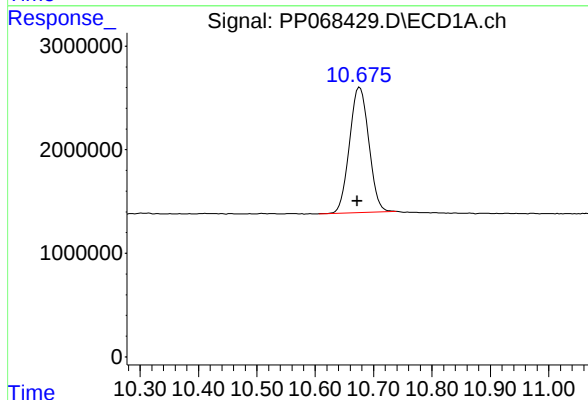
R.T.: 4.759 min
Delta R.T.: 0.002 min
Response: 21139184
Conc: 21.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



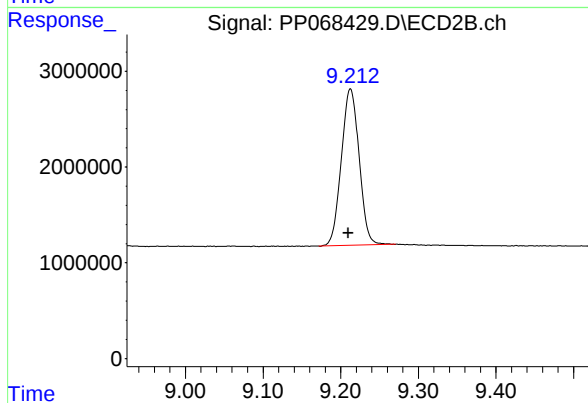
#1 Tetrachloro-m-xylene

R.T.: 4.052 min
Delta R.T.: 0.000 min
Response: 21578003
Conc: 22.28 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.676 min
Delta R.T.: 0.004 min
Response: 27783727
Conc: 22.20 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.213 min
Delta R.T.: 0.003 min
Response: 26028802
Conc: 23.01 ng/ml

Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	
Project:	HRPC	Date Received:	
Client Sample ID:	PB164860BS	SDG No.:	P4779
Lab Sample ID:	PB164860BS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP068405.D	1	11/11/24 08:30	11/11/24 12:37	PB164860

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	147		3.40	17.0	ug/kg
11104-28-2	Aroclor-1221	6.40	U	6.40	17.0	ug/kg
11141-16-5	Aroclor-1232	3.40	U	3.40	17.0	ug/kg
53469-21-9	Aroclor-1242	3.40	U	3.40	17.0	ug/kg
12672-29-6	Aroclor-1248	7.90	U	7.90	17.0	ug/kg
11097-69-1	Aroclor-1254	2.70	U	2.70	17.0	ug/kg
37324-23-5	Aroclor-1262	4.60	U	4.60	17.0	ug/kg
11100-14-4	Aroclor-1268	3.40	U	3.40	17.0	ug/kg
11096-82-5	Aroclor-1260	133		2.90	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.8		32 - 144	109%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.2		32 - 175	101%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP111124\
 Data File : PP068405.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2024 12:37
 Operator : YP\AJ
 Sample : PB164860BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PB164860BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 11 12:57:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 11:04:08 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.761	4.051	20081426	21151797	20.689	21.845
2) SA Decachlor...	10.678	9.211	23762461	22848999	18.987	20.199
Target Compounds						
3) L1 AR-1016-1	5.926	5.158	15167129	15253456	422.058	461.567
4) L1 AR-1016-2	5.948	5.178	22517952	21311149	425.266	455.925
5) L1 AR-1016-3	6.011	5.359	13892257	11790735	419.598	436.044
6) L1 AR-1016-4	6.109	5.398	11148038	10253483	424.169	434.562
7) L1 AR-1016-5	6.404	5.617	10766392	12334523	381.679	416.114
31) L7 AR-1260-1	7.528	6.660	22303048	23429870	412.224	421.030
32) L7 AR-1260-2	7.780	6.847	23996121	28639315	377.233	432.385
33) L7 AR-1260-3	8.142	7.005	16606785	26308734	308.722	425.079 #
34) L7 AR-1260-4	8.380	7.479	22217502	19520800	357.034	370.154
35) L7 AR-1260-5	8.718	7.718	37769867	41412032	333.702	347.778

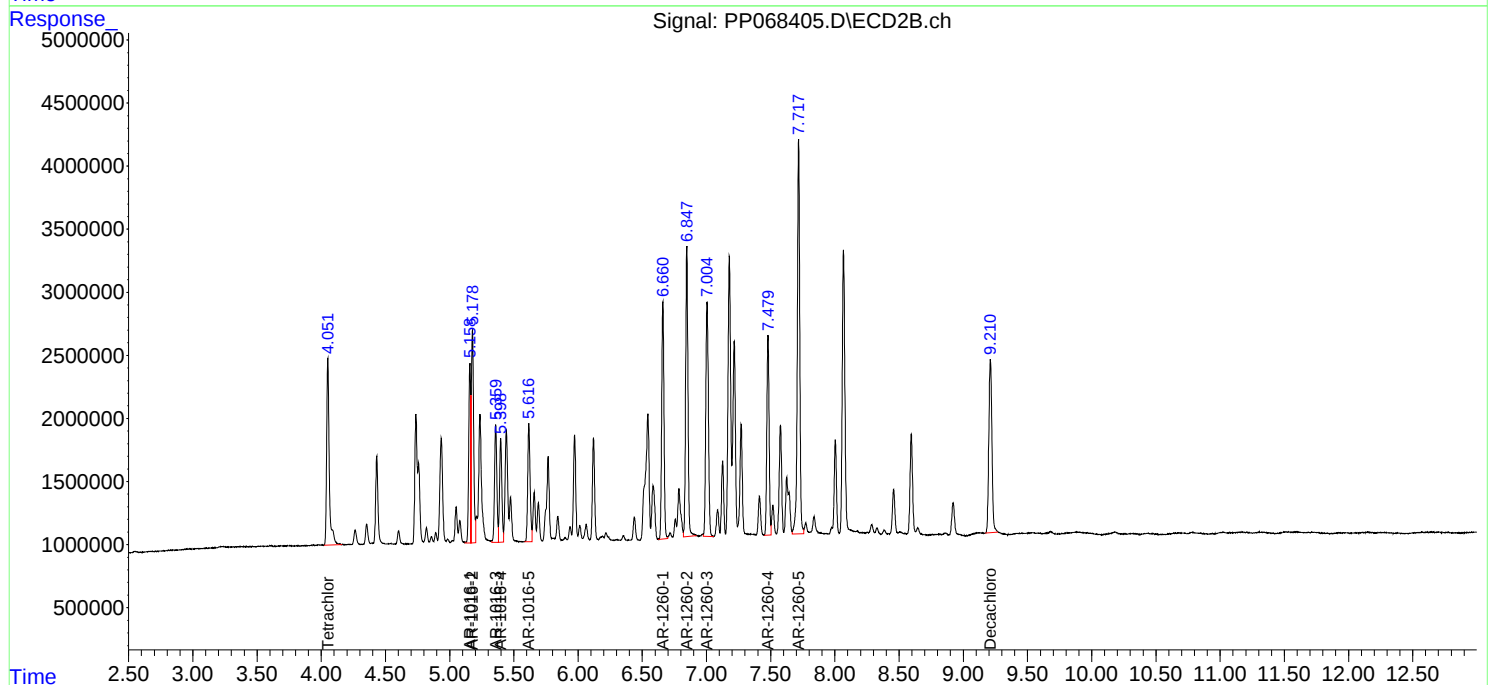
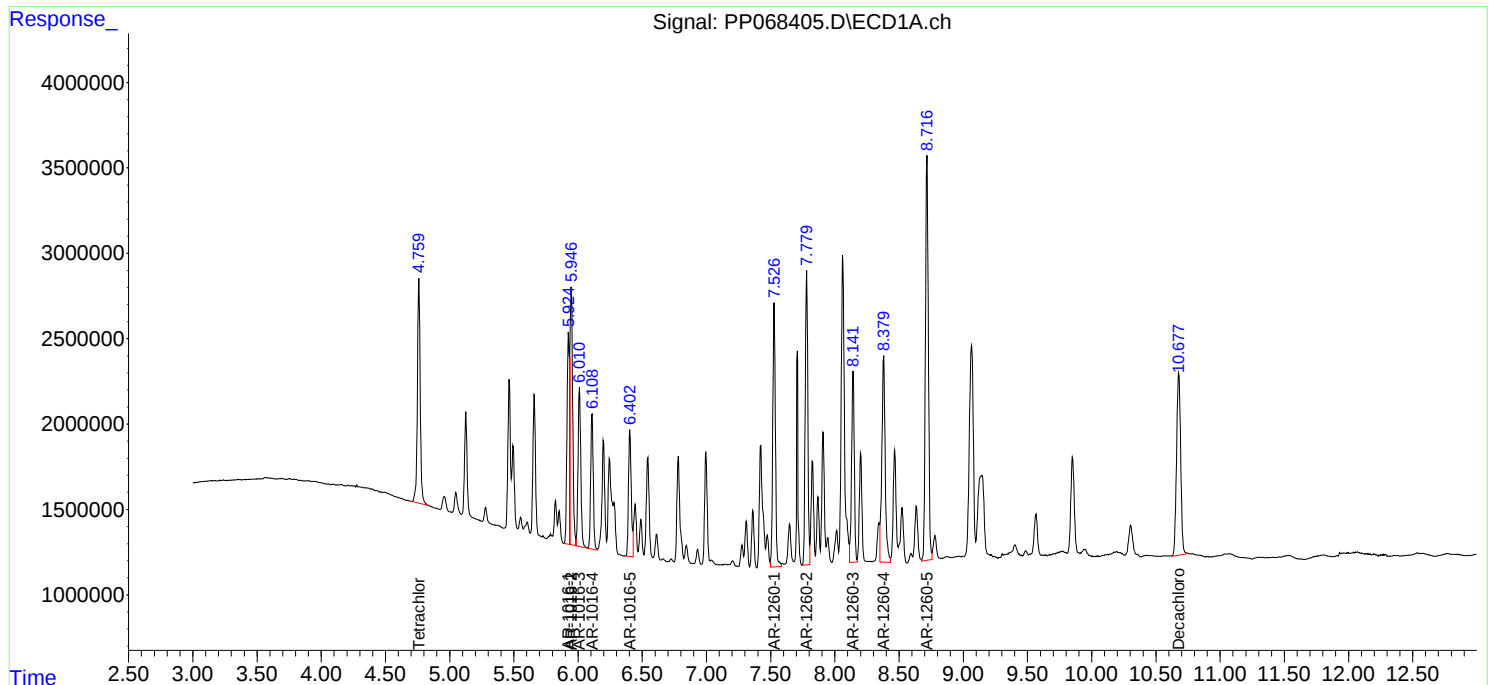
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP111124\
Data File : PP068405.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2024 12:37
Operator : YP\AJ
Sample : PB164860BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB164860BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 11 12:57:53 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	11/08/24
Project:	HRPC	Date Received:	11/08/24
Client Sample ID:	BP-F21MS	SDG No.:	P4779
Lab Sample ID:	P4789-01MS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	89.6
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP068417.D	1	11/11/24 08:30	11/11/24 16:23	PB164860

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	200		3.80	18.9	ug/kg
11104-28-2	Aroclor-1221	7.10	U	7.10	18.9	ug/kg
11141-16-5	Aroclor-1232	3.80	U	3.80	18.9	ug/kg
53469-21-9	Aroclor-1242	3.80	U	3.80	18.9	ug/kg
12672-29-6	Aroclor-1248	8.80	U	8.80	18.9	ug/kg
11097-69-1	Aroclor-1254	3.00	U	3.00	18.9	ug/kg
37324-23-5	Aroclor-1262	5.10	U	5.10	18.9	ug/kg
11100-14-4	Aroclor-1268	3.80	U	3.80	18.9	ug/kg
11096-82-5	Aroclor-1260	181		3.20	18.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	24.5		32 - 144	123%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.1		32 - 175	115%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP111124\
 Data File : PP068417.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2024 16:23
 Operator : YP\AJ
 Sample : P4789-01MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

BP-F21MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :Ankita Jodhani 11/12/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 12 01:58:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 11:04:08 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.759	4.050	23786920	22434453	24.507	23.169
2) SA Decachlor...	10.677	9.211	28186899	26089388	22.523	23.064
Target Compounds						
3) L1 AR-1016-1	5.923	5.158	19845280	18456278	552.238m	558.484
4) L1 AR-1016-2	5.945	5.178	27392174	25645288	517.319m	548.649
5) L1 AR-1016-3	6.009	5.359	17289569	14889519	522.209m	550.643
6) L1 AR-1016-4	6.108	5.398	14556680	12360576	553.864	523.865
7) L1 AR-1016-5	6.402	5.617	14710933	15264101	521.516	514.946
31) L7 AR-1260-1	7.526	6.660	29011194	28514337	536.210	512.397
32) L7 AR-1260-2	7.780	6.846	33312820	33200730	523.697	501.251
33) L7 AR-1260-3	8.141	7.004	22972460	31947218	427.061	516.182
34) L7 AR-1260-4	8.379	7.479	28075244	24090781	451.167	456.810
35) L7 AR-1260-5	8.717	7.717	49886190	54250132	440.751	455.592

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP111124\
Data File : PP068417.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2024 16:23
Operator : YP\AJ
Sample : P4789-01MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

BP-F21MS

Manual Integrations

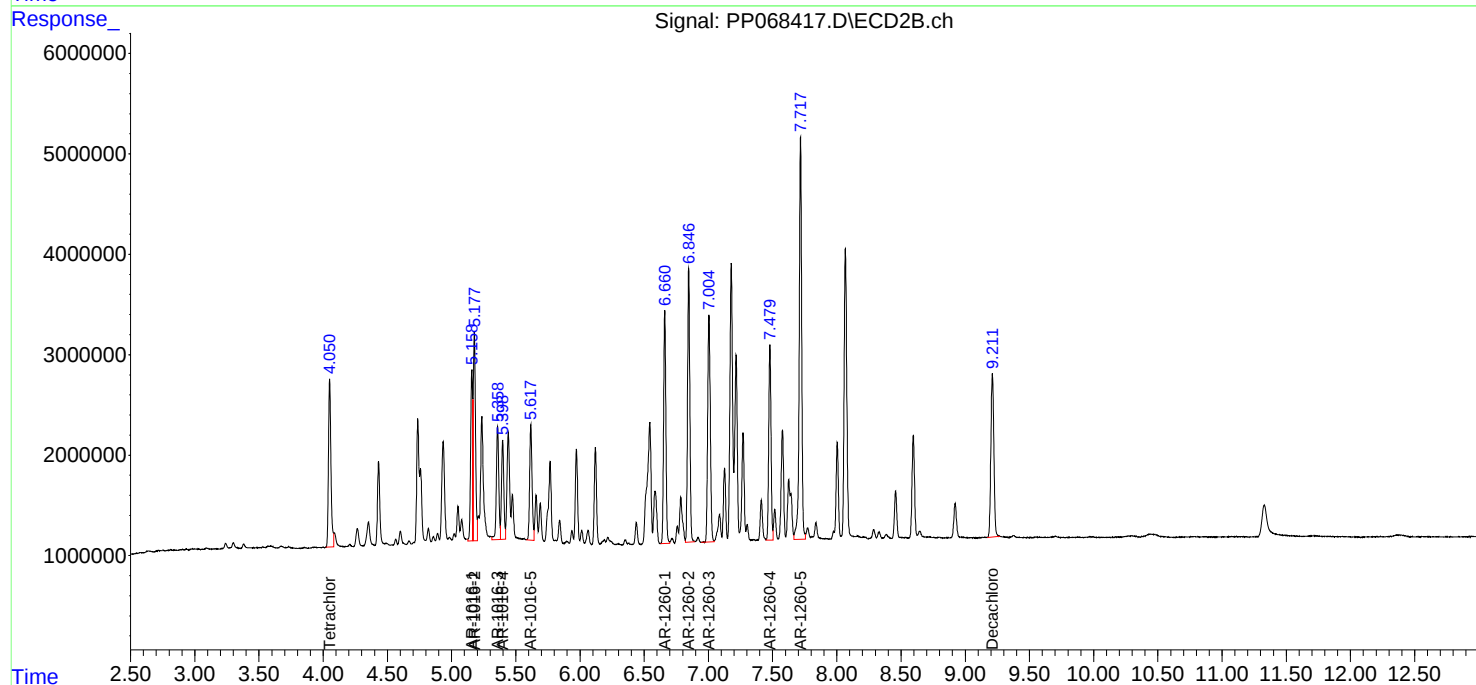
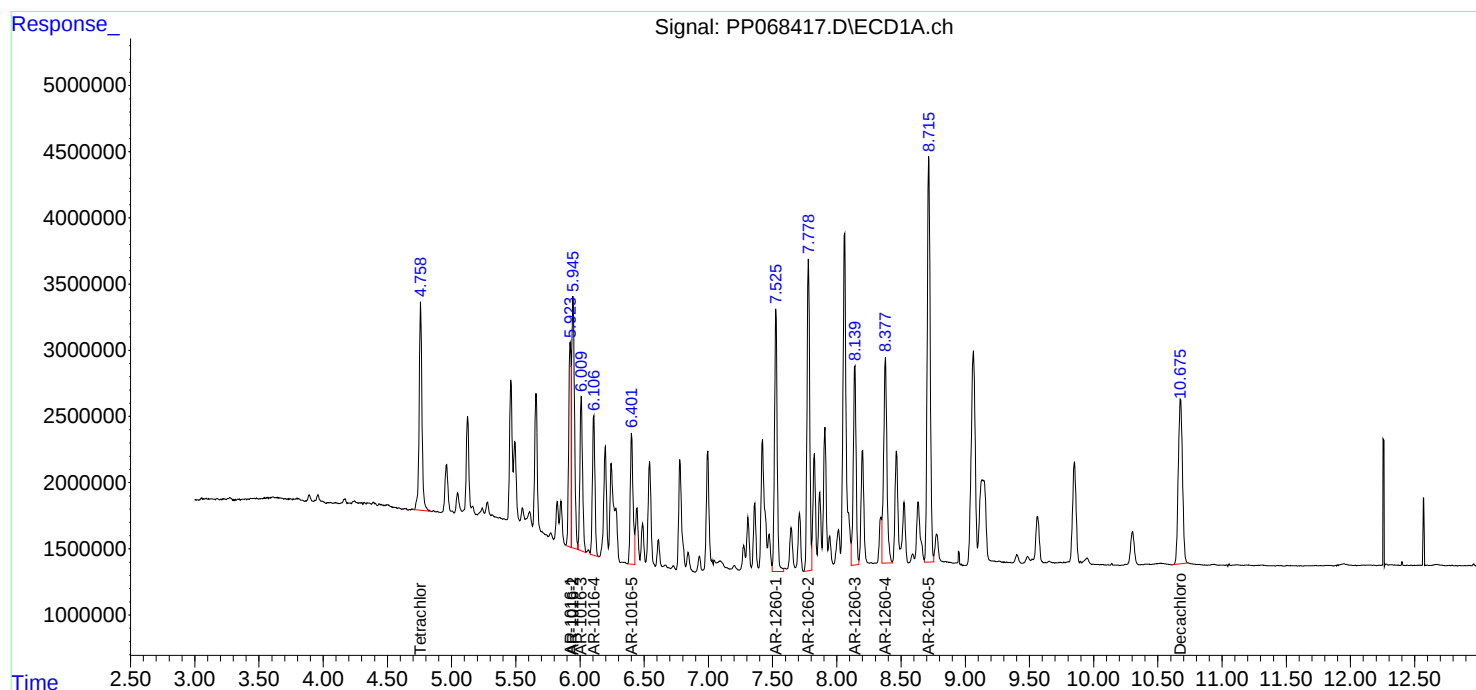
APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :Ankita Jodhani 11/12/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 01:58:14 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	11/08/24
Project:	HRPC	Date Received:	11/08/24
Client Sample ID:	BP-F21MSD	SDG No.:	P4779
Lab Sample ID:	P4789-01MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	89.6
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP068418.D	1	11/11/24 08:30	11/11/24 16:40	PB164860

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	202		3.80	18.9	ug/kg
11104-28-2	Aroclor-1221	7.10	U	7.10	18.9	ug/kg
11141-16-5	Aroclor-1232	3.80	U	3.80	18.9	ug/kg
53469-21-9	Aroclor-1242	3.80	U	3.80	18.9	ug/kg
12672-29-6	Aroclor-1248	8.80	U	8.80	18.9	ug/kg
11097-69-1	Aroclor-1254	3.00	U	3.00	18.9	ug/kg
37324-23-5	Aroclor-1262	5.10	U	5.10	18.9	ug/kg
11100-14-4	Aroclor-1268	3.80	U	3.80	18.9	ug/kg
11096-82-5	Aroclor-1260	182		3.20	18.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	25.2		32 - 144	126%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.9		32 - 175	114%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP111124\
 Data File : PP068418.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2024 16:40
 Operator : YP\AJ
 Sample : P4789-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

BP-F21MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :Ankita Jodhani 11/12/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 12 01:59:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 11:04:08 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.758	4.051	24014523	24417846	24.742	25.218
2) SA Decachlor...	10.676	9.212	28605295	25849919	22.857	22.852
Target Compounds						
3) L1 AR-1016-1	5.921	5.159	21706451	18773878	604.029m	568.094
4) L1 AR-1016-2	5.944	5.179	27454704	25942897	518.500m	555.016
5) L1 AR-1016-3	6.007	5.359	17134973	14993543	517.540m	554.490
6) L1 AR-1016-4	6.107	5.399	14536033	12565230	553.078	532.538
7) L1 AR-1016-5	6.401	5.617	14641954	15326470	519.071	517.050
31) L7 AR-1260-1	7.525	6.661	28713492	28891615	530.707	519.176
32) L7 AR-1260-2	7.778	6.847	33512454	33520104	526.835	506.073
33) L7 AR-1260-3	8.140	7.005	23164291	32109149	430.627	518.798
34) L7 AR-1260-4	8.378	7.479	28164111	23985630	452.595	454.816
35) L7 AR-1260-5	8.716	7.719	50305410	54652443	444.455	458.971

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP111124\
Data File : PP068418.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2024 16:40
Operator : YP\AJ
Sample : P4789-01MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

BP-F21MSD

Manual Integrations

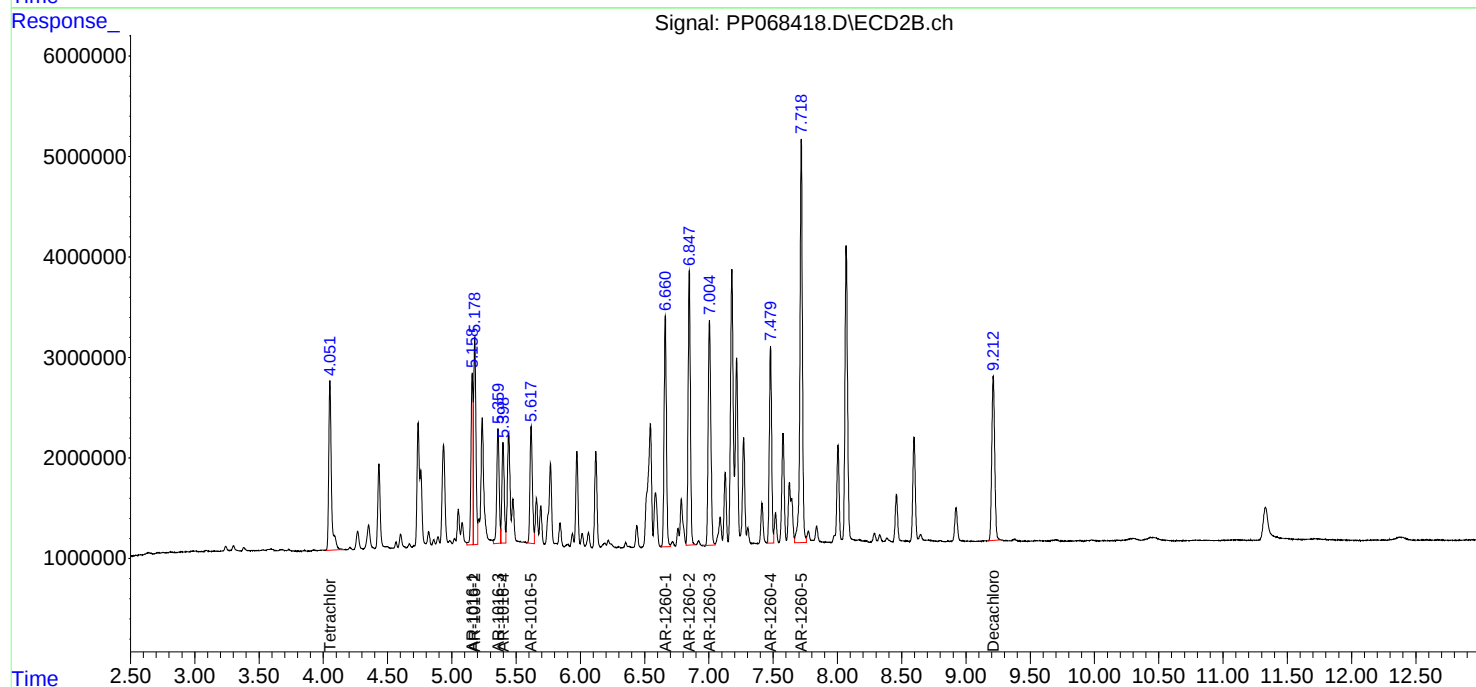
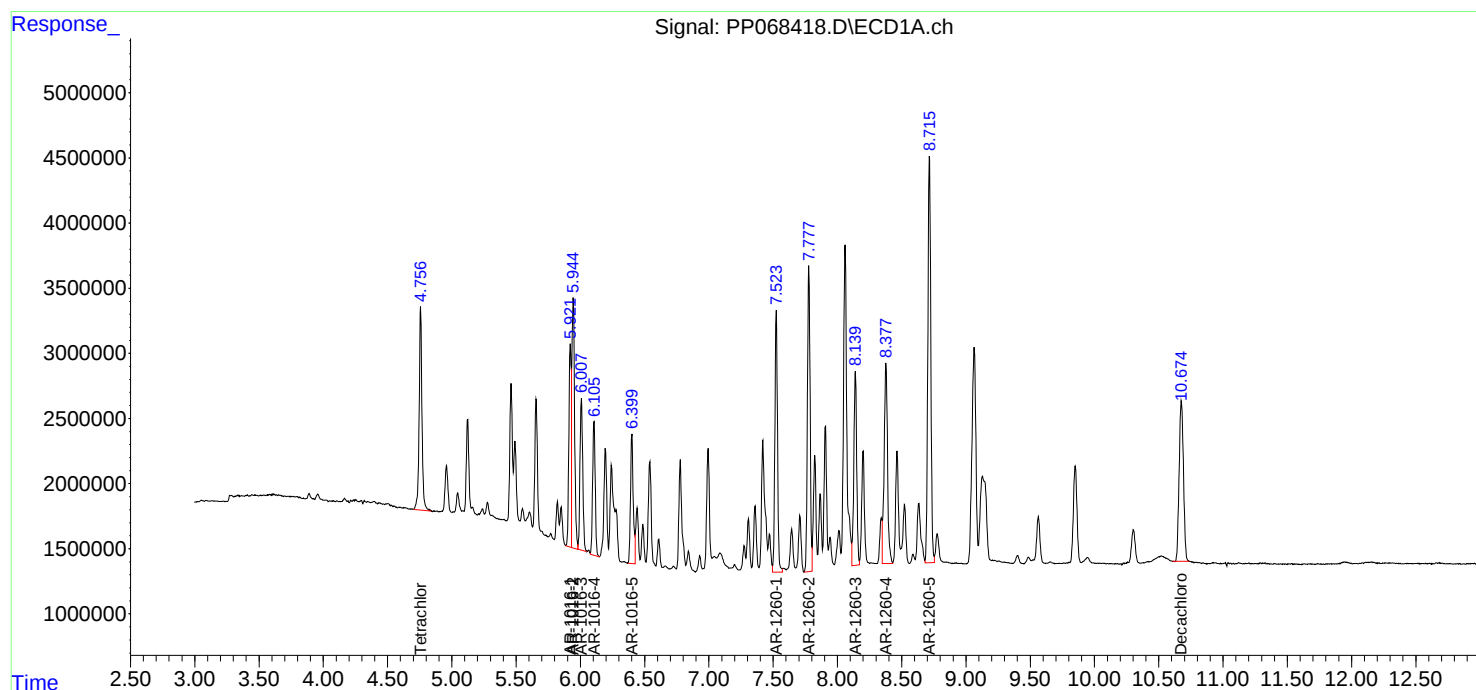
APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :Ankita Jodhani 11/12/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 01:59:25 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110724.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 11:04:08 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Manual Integration Report

Sequence:	PP110724	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC1000	PP068361.D	AR-1016-1 #2	yogesh	11/11/2024 9:22:13 AM	Ankita	11/11/2024 9:48:18	Peak Integrated by Software
AR1660ICC1000	PP068361.D	AR-1016-2 #2	yogesh	11/11/2024 9:22:13 AM	Ankita	11/11/2024 9:48:18	Peak Integrated by Software
AR1660ICC250	PP068364.D	AR-1016-1 #2	yogesh	11/11/2024 9:22:16 AM	Ankita	11/11/2024 9:48:19	Peak Integrated by Software
AR1660ICC250	PP068364.D	AR-1016-2 #2	yogesh	11/11/2024 9:22:16 AM	Ankita	11/11/2024 9:48:19	Peak Integrated by Software
AR1660ICC250	PP068364.D	AR-1016-5	yogesh	11/11/2024 9:22:16 AM	Ankita	11/11/2024 9:48:19	Peak Integrated by Software
AR1660ICC250	PP068364.D	AR-1016-5 #2	yogesh	11/11/2024 9:22:16 AM	Ankita	11/11/2024 9:48:19	Peak Integrated by Software
AR1660ICC250	PP068364.D	AR-1260-1	yogesh	11/11/2024 9:22:16 AM	Ankita	11/11/2024 9:48:19	Peak Integrated by Software
AR1660ICC250	PP068364.D	AR-1260-1 #2	yogesh	11/11/2024 9:22:16 AM	Ankita	11/11/2024 9:48:19	Peak Integrated by Software
AR1660ICC250	PP068364.D	AR-1260-2	yogesh	11/11/2024 9:22:16 AM	Ankita	11/11/2024 9:48:19	Peak Integrated by Software
AR1660ICC250	PP068364.D	AR-1260-2 #2	yogesh	11/11/2024 9:22:16 AM	Ankita	11/11/2024 9:48:19	Peak Integrated by Software
AR1660ICC050	PP068365.D	AR-1016-1	yogesh	11/11/2024 9:22:18 AM	Ankita	11/11/2024 9:48:21	Peak Integrated by Software
AR1660ICC050	PP068365.D	AR-1016-2	yogesh	11/11/2024 9:22:18 AM	Ankita	11/11/2024 9:48:21	Peak Integrated by Software
AR1660ICC050	PP068365.D	AR-1016-3	yogesh	11/11/2024 9:22:18 AM	Ankita	11/11/2024 9:48:21	Peak Integrated by Software

Manual Integration Report

Sequence:	PP110724	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PP068365.D	AR-1016-4	yogesh	11/11/2024 9:22:18 AM	Ankita	11/11/2024 9:48:21	Peak Integrated by Software
AR1660ICC050	PP068365.D	AR-1016-5 #2	yogesh	11/11/2024 9:22:18 AM	Ankita	11/11/2024 9:48:21	Peak Integrated by Software
AR1660ICC050	PP068365.D	AR-1260-1 #2	yogesh	11/11/2024 9:22:18 AM	Ankita	11/11/2024 9:48:21	Peak Integrated by Software
AR1660ICC050	PP068365.D	AR-1260-2	yogesh	11/11/2024 9:22:18 AM	Ankita	11/11/2024 9:48:21	Peak Integrated by Software
AR1660ICC050	PP068365.D	AR-1260-2 #2	yogesh	11/11/2024 9:22:18 AM	Ankita	11/11/2024 9:48:21	Peak Integrated by Software
AR1660ICC050	PP068365.D	AR-1260-4	yogesh	11/11/2024 9:22:18 AM	Ankita	11/11/2024 9:48:21	Peak Integrated by Software
AR1242ICC750	PP068369.D	AR-1242-5	yogesh	11/11/2024 9:22:20 AM	Ankita	11/11/2024 9:48:23	Peak Integrated by Software
AR1242ICC250	PP068371.D	AR-1242-5	yogesh	11/11/2024 9:22:21 AM	Ankita	11/11/2024 9:48:25	Peak Integrated by Software
AR1242ICC250	PP068371.D	AR-1242-5 #2	yogesh	11/11/2024 9:22:21 AM	Ankita	11/11/2024 9:48:25	Peak Integrated by Software
AR1248ICC250	PP068376.D	AR-1248-3	yogesh	11/11/2024 9:22:24 AM	Ankita	11/11/2024 9:48:26	Peak Integrated by Software
AR1254ICC1000	PP068378.D	AR-1254-1	yogesh	11/11/2024 9:22:26 AM	Ankita	11/11/2024 9:48:28	Peak Integrated by Software
AR1254ICC1000	PP068378.D	AR-1254-5	yogesh	11/11/2024 9:22:26 AM	Ankita	11/11/2024 9:48:28	Peak Integrated by Software
AR1254ICC750	PP068379.D	AR-1254-1	yogesh	11/11/2024 9:22:27 AM	Ankita	11/11/2024 9:48:29	Peak Integrated by Software

Manual Integration Report

Sequence:	PP110724	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254ICC500	PP068380.D	AR-1254-1	yogesh	11/11/2024 9:22:29 AM	Ankita	11/11/2024 9:48:31	Peak Integrated by Software
AR1254ICC500	PP068380.D	AR-1254-5	yogesh	11/11/2024 9:22:29 AM	Ankita	11/11/2024 9:48:31	Peak Integrated by Software
AR1254ICC250	PP068381.D	AR-1254-1	yogesh	11/11/2024 9:22:31 AM	Ankita	11/11/2024 9:48:32	Peak Integrated by Software
AR1254ICC250	PP068381.D	AR-1254-5	yogesh	11/11/2024 9:22:31 AM	Ankita	11/11/2024 9:48:32	Peak Integrated by Software
AR1254ICC050	PP068382.D	AR-1254-1	yogesh	11/11/2024 9:22:33 AM	Ankita	11/11/2024 9:48:34	Peak Integrated by Software
AR1254ICC050	PP068382.D	AR-1254-1 #2	yogesh	11/11/2024 9:22:33 AM	Ankita	11/11/2024 9:48:34	Peak Integrated by Software
AR1254ICC050	PP068382.D	AR-1254-2 #2	yogesh	11/11/2024 9:22:33 AM	Ankita	11/11/2024 9:48:34	Peak Integrated by Software
AR1254ICC050	PP068382.D	AR-1254-3	yogesh	11/11/2024 9:22:33 AM	Ankita	11/11/2024 9:48:34	Peak Integrated by Software
AR1254ICC050	PP068382.D	AR-1254-3 #2	yogesh	11/11/2024 9:22:33 AM	Ankita	11/11/2024 9:48:34	Peak Integrated by Software
AR1254ICC050	PP068382.D	AR-1254-4	yogesh	11/11/2024 9:22:33 AM	Ankita	11/11/2024 9:48:34	Peak Integrated by Software
AR1254ICC050	PP068382.D	AR-1254-4 #2	yogesh	11/11/2024 9:22:33 AM	Ankita	11/11/2024 9:48:34	Peak Integrated by Software
AR1254ICC050	PP068382.D	AR-1254-5	yogesh	11/11/2024 9:22:33 AM	Ankita	11/11/2024 9:48:34	Peak Integrated by Software
AR1268ICC100 0	PP068384.D	AR-1268-1	yogesh	11/11/2024 9:22:35 AM	Ankita	11/11/2024 9:48:36	Peak Integrated by Software

Manual Integration Report

Sequence:	PP110724	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1268ICC1000	PP068384.D	AR-1268-3	yogesh	11/11/2024 9:22:35 AM	Ankita	11/11/2024 9:48:36	Peak Integrated by Software
AR1268ICC750	PP068385.D	AR-1268-1	yogesh	11/11/2024 9:22:37 AM	Ankita	11/11/2024 9:48:37	Peak Integrated by Software
AR1268ICC750	PP068385.D	AR-1268-3	yogesh	11/11/2024 9:22:37 AM	Ankita	11/11/2024 9:48:37	Peak Integrated by Software
AR1268ICC250	PP068387.D	AR-1268-1	yogesh	11/11/2024 9:22:38 AM	Ankita	11/11/2024 9:48:39	Peak Integrated by Software
AR1268ICC250	PP068387.D	AR-1268-3	yogesh	11/11/2024 9:22:38 AM	Ankita	11/11/2024 9:48:39	Peak Integrated by Software
AR1268ICC050	PP068388.D	AR-1268-1	yogesh	11/11/2024 9:22:40 AM	Ankita	11/11/2024 9:48:41	Peak Integrated by Software
AR1268ICC050	PP068388.D	AR-1268-4	yogesh	11/11/2024 9:22:40 AM	Ankita	11/11/2024 9:48:41	Peak Integrated by Software
AR1242ICV500	PP068390.D	AR-1242-4	yogesh	11/11/2024 9:22:42 AM	Ankita	11/11/2024 9:48:42	Peak Integrated by Software
AR1242ICV500	PP068390.D	AR-1242-5	yogesh	11/11/2024 9:22:42 AM	Ankita	11/11/2024 9:48:42	Peak Integrated by Software
AR1242ICV500	PP068390.D	AR-1242-5 #2	yogesh	11/11/2024 9:22:42 AM	Ankita	11/11/2024 9:48:42	Peak Integrated by Software
AR1254ICV500	PP068392.D	AR-1254-1	yogesh	11/11/2024 9:22:43 AM	Ankita	11/11/2024 9:48:44	Peak Integrated by Software
AR1254ICV500	PP068392.D	AR-1254-4	yogesh	11/11/2024 9:22:43 AM	Ankita	11/11/2024 9:48:44	Peak Integrated by Software
AR1254ICV500	PP068392.D	AR-1254-5	yogesh	11/11/2024 9:22:43 AM	Ankita	11/11/2024 9:48:44	Peak Integrated by Software

Manual Integration Report

Sequence:

PP110724

Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1268ICV500	PP068393.D	AR-1268-1	yogesh	11/11/2024 9:22:45 AM	Ankita	11/11/2024 9:48:45	Peak Integrated by Software
AR1268ICV500	PP068393.D	AR-1268-3	yogesh	11/11/2024 9:22:45 AM	Ankita	11/11/2024 9:48:45	Peak Integrated by Software

Manual Integration Report

Sequence:	PP111124	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP068395.D	Decachlorobiphenyl	yogesh	11/12/2024 9:10:47 AM	Ankita	11/12/2024 9:39:05	Peak Integrated by Software
AR1254CCC500	PP068413.D	AR-1254-5	yogesh	11/12/2024 9:10:57 AM	Ankita	11/12/2024 9:39:11	Peak Integrated by Software
P4789-01MS	PP068417.D	AR-1016-1	yogesh	11/12/2024 9:10:59 AM	Ankita	11/12/2024 9:39:13	Peak Integrated by Software
P4789-01MS	PP068417.D	AR-1016-2	yogesh	11/12/2024 9:10:59 AM	Ankita	11/12/2024 9:39:13	Peak Integrated by Software
P4789-01MS	PP068417.D	AR-1016-3	yogesh	11/12/2024 9:10:59 AM	Ankita	11/12/2024 9:39:13	Peak Integrated by Software
P4789-01MSD	PP068418.D	AR-1016-1	yogesh	11/12/2024 9:11:00 AM	Ankita	11/12/2024 9:39:14	Peak Integrated by Software
P4789-01MSD	PP068418.D	AR-1016-2	yogesh	11/12/2024 9:11:00 AM	Ankita	11/12/2024 9:39:14	Peak Integrated by Software
P4789-01MSD	PP068418.D	AR-1016-3	yogesh	11/12/2024 9:11:00 AM	Ankita	11/12/2024 9:39:14	Peak Integrated by Software
AR1254CCC500	PP068428.D	AR-1254-1	yogesh	11/12/2024 9:11:07 AM	Ankita	11/12/2024 9:39:35	Peak Integrated by Software
AR1254CCC500	PP068428.D	AR-1254-5	yogesh	11/12/2024 9:11:07 AM	Ankita	11/12/2024 9:39:35	Peak Integrated by Software
AR1660CCC500	PP068438.D	AR-1016-1 #2	yogesh	11/12/2024 9:11:23 AM	Ankita	11/12/2024 9:39:48	Peak Integrated by Software
AR1660CCC500	PP068438.D	AR-1016-2 #2	yogesh	11/12/2024 9:11:23 AM	Ankita	11/12/2024 9:39:48	Peak Integrated by Software
AR1660CCC500	PP068438.D	AR-1016-3 #2	yogesh	11/12/2024 9:11:23 AM	Ankita	11/12/2024 9:39:48	Peak Integrated by Software

Manual Integration Report

Sequence:

PP111124

Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP068438.D	AR-1016-4 #2	yogesh	11/12/2024 9:11:23 AM	Ankita	11/12/2024 9:39:48	Peak Integrated by Software
AR1254CCC500	PP068441.D	AR-1254-1	yogesh	11/12/2024 9:11:25 AM	Ankita	11/12/2024 9:39:49	Peak Integrated by Software
AR1254CCC500	PP068441.D	AR-1254-5	yogesh	11/12/2024 9:11:25 AM	Ankita	11/12/2024 9:39:49	Peak Integrated by Software
I.BLK	PP068442.D	Tetrachloro-m-xylene	yogesh	11/12/2024 9:11:27 AM	Ankita	11/12/2024 9:39:50	Peak Integrated by Software

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP110724

Review By	yogesh	Review On	11/11/2024 9:23:03 AM
Supervise By	Ankita	Supervise On	11/11/2024 9:48:52 AM
SubDirectory	PP110724	HP Acquire Method	HP Processing Method PP110724
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP068359.D	08 Nov 2024 02:13	YP\AJ	Ok
2	I.BLK	PP068360.D	08 Nov 2024 02:29	YP\AJ	Ok
3	AR1660ICC1000	PP068361.D	08 Nov 2024 02:45	YP\AJ	Ok,M
4	AR1660ICC750	PP068362.D	08 Nov 2024 03:02	YP\AJ	Ok
5	AR1660ICC500	PP068363.D	08 Nov 2024 03:18	YP\AJ	Ok
6	AR1660ICC250	PP068364.D	08 Nov 2024 03:34	YP\AJ	Ok,M
7	AR1660ICC050	PP068365.D	08 Nov 2024 03:51	YP\AJ	Ok,M
8	AR1221ICC500	PP068366.D	08 Nov 2024 04:07	YP\AJ	Ok
9	AR1232ICC500	PP068367.D	08 Nov 2024 04:23	YP\AJ	Ok
10	AR1242ICC1000	PP068368.D	08 Nov 2024 04:40	YP\AJ	Ok
11	AR1242ICC750	PP068369.D	08 Nov 2024 04:56	YP\AJ	Ok,M
12	AR1242ICC500	PP068370.D	08 Nov 2024 05:12	YP\AJ	Ok
13	AR1242ICC250	PP068371.D	08 Nov 2024 05:29	YP\AJ	Ok,M
14	AR1242ICC050	PP068372.D	08 Nov 2024 05:45	YP\AJ	Ok
15	AR1248ICC1000	PP068373.D	08 Nov 2024 06:01	YP\AJ	Ok
16	AR1248ICC750	PP068374.D	08 Nov 2024 06:18	YP\AJ	Ok
17	AR1248ICC500	PP068375.D	08 Nov 2024 06:34	YP\AJ	Ok
18	AR1248ICC250	PP068376.D	08 Nov 2024 06:50	YP\AJ	Ok,M
19	AR1248ICC050	PP068377.D	08 Nov 2024 07:07	YP\AJ	Ok
20	AR1254ICC1000	PP068378.D	08 Nov 2024 07:23	YP\AJ	Ok,M
21	AR1254ICC750	PP068379.D	08 Nov 2024 07:39	YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP110724

Review By	yogesh	Review On	11/11/2024 9:23:03 AM
Supervise By	Ankita	Supervise On	11/11/2024 9:48:52 AM
SubDirectory	PP110724	HP Acquire Method	HP Processing Method PP110724
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	AR1254ICC500	PP068380.D	08 Nov 2024 07:56	YP\AJ	Ok,M
23	AR1254ICC250	PP068381.D	08 Nov 2024 08:12	YP\AJ	Ok,M
24	AR1254ICC050	PP068382.D	08 Nov 2024 08:28	YP\AJ	Ok,M
25	AR1262ICC500	PP068383.D	08 Nov 2024 08:45	YP\AJ	Ok
26	AR1268ICC1000	PP068384.D	08 Nov 2024 09:01	YP\AJ	Ok,M
27	AR1268ICC750	PP068385.D	08 Nov 2024 09:17	YP\AJ	Ok,M
28	AR1268ICC500	PP068386.D	08 Nov 2024 09:34	YP\AJ	Ok
29	AR1268ICC250	PP068387.D	08 Nov 2024 09:50	YP\AJ	Ok,M
30	AR1268ICC050	PP068388.D	08 Nov 2024 10:39	YP\AJ	Ok,M
31	PP110724ICV500	PP068389.D	08 Nov 2024 10:55	YP\AJ	Ok,M
32	AR1242ICV500	PP068390.D	08 Nov 2024 11:12	YP\AJ	Ok,M
33	AR1248ICV500	PP068391.D	08 Nov 2024 11:28	YP\AJ	Ok,M
34	AR1254ICV500	PP068392.D	08 Nov 2024 11:45	YP\AJ	Ok,M
35	AR1268ICV500	PP068393.D	08 Nov 2024 12:01	YP\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP111124

Review By	yogesh	Review On	11/12/2024 9:11:46 AM
Supervise By	Ankita	Supervise On	11/12/2024 9:39:57 AM
SubDirectory	PP111124	HP Acquire Method	HP Processing Method PP110724
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP068394.D	11 Nov 2024 09:24	YP\AJ	Ok
2	AR1660CCC500	PP068395.D	11 Nov 2024 09:40	YP\AJ	Ok,M
3	AR1242CCC500	PP068396.D	11 Nov 2024 09:57	YP\AJ	Ok
4	AR1248CCC500	PP068397.D	11 Nov 2024 10:13	YP\AJ	Ok
5	AR1254CCC500	PP068398.D	11 Nov 2024 10:29	YP\AJ	Ok
6	I.BLK	PP068399.D	11 Nov 2024 10:46	YP\AJ	Ok
7	PB164820BL	PP068400.D	11 Nov 2024 11:02	YP\AJ	Ok
8	PB164820BS	PP068401.D	11 Nov 2024 11:18	YP\AJ	Ok
9	P4794-01	PP068402.D	11 Nov 2024 11:35	YP\AJ	Ok,M
10	P4794-02	PP068403.D	11 Nov 2024 11:51	YP\AJ	Ok,M
11	PB164860BL	PP068404.D	11 Nov 2024 12:21	YP\AJ	Ok
12	PB164860BS	PP068405.D	11 Nov 2024 12:37	YP\AJ	Ok
13	P4779-01	PP068406.D	11 Nov 2024 12:54	YP\AJ	Ok
14	P4788-01	PP068407.D	11 Nov 2024 13:10	YP\AJ	Ok
15	P4792-02	PP068408.D	11 Nov 2024 13:26	YP\AJ	Ok,M
16	P4792-03	PP068409.D	11 Nov 2024 13:43	YP\AJ	Ok
17	AR1660CCC500	PP068410.D	11 Nov 2024 14:29	YP\AJ	Ok
18	AR1242CCC500	PP068411.D	11 Nov 2024 14:45	YP\AJ	Ok
19	AR1248CCC500	PP068412.D	11 Nov 2024 15:01	YP\AJ	Ok
20	AR1254CCC500	PP068413.D	11 Nov 2024 15:18	YP\AJ	Ok,M
21	I.BLK	PP068414.D	11 Nov 2024 15:34	YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP111124

Review By	yogesh	Review On	11/12/2024 9:11:46 AM
Supervise By	Ankita	Supervise On	11/12/2024 9:39:57 AM
SubDirectory	PP111124	HP Acquire Method	HP Processing Method PP110724
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	P4797-01	PP068415.D	11 Nov 2024 15:50	YPIAJ	Ok
23	P4789-01	PP068416.D	11 Nov 2024 16:07	YPIAJ	Ok
24	P4789-01MS	PP068417.D	11 Nov 2024 16:23	YPIAJ	Ok,M
25	P4789-01MSD	PP068418.D	11 Nov 2024 16:40	YPIAJ	Ok,M
26	P4793-01	PP068419.D	11 Nov 2024 16:56	YPIAJ	Ok,M
27	P4795-01	PP068420.D	11 Nov 2024 17:12	YPIAJ	Ok,M
28	P4796-01	PP068421.D	11 Nov 2024 17:29	YPIAJ	Ok,M
29	P4796-03	PP068422.D	11 Nov 2024 17:45	YPIAJ	Ok
30	P4796-05	PP068423.D	11 Nov 2024 18:01	YPIAJ	Ok
31	P4796-07	PP068424.D	11 Nov 2024 18:18	YPIAJ	Ok
32	AR1660CCC500	PP068425.D	11 Nov 2024 18:55	YPIAJ	Ok
33	AR1242CCC500	PP068426.D	11 Nov 2024 19:12	YPIAJ	Ok
34	AR1248CCC500	PP068427.D	11 Nov 2024 19:28	YPIAJ	Ok
35	AR1254CCC500	PP068428.D	11 Nov 2024 19:44	YPIAJ	Ok,M
36	I.BLK	PP068429.D	11 Nov 2024 20:01	YPIAJ	Ok
37	P4798-01	PP068430.D	11 Nov 2024 20:17	YPIAJ	Ok,M
38	PB164861BL	PP068431.D	11 Nov 2024 20:33	YPIAJ	Ok,M
39	PB164861BS	PP068432.D	11 Nov 2024 20:50	YPIAJ	Ok,M
40	PB164861BSD	PP068433.D	11 Nov 2024 21:06	YPIAJ	Ok,M
41	P4759-01	PP068434.D	11 Nov 2024 21:22	YPIAJ	Ok,M
42	P4760-01	PP068435.D	11 Nov 2024 21:39	YPIAJ	Ok,M
43	P4791-02	PP068436.D	11 Nov 2024 21:55	YPIAJ	ReRun
44	P4792-04	PP068437.D	11 Nov 2024 22:12	YPIAJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP111124

Review By	yogesh	Review On	11/12/2024 9:11:46 AM
Supervise By	Ankita	Supervise On	11/12/2024 9:39:57 AM
SubDirectory	PP111124	HP Acquire Method	HP Processing Method PP110724
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

45	AR1660CCC500	PP068438.D	11 Nov 2024 22:49	YP\AJ	Ok,M
46	AR1242CCC500	PP068439.D	11 Nov 2024 23:06	YP\AJ	Ok
47	AR1248CCC500	PP068440.D	11 Nov 2024 23:22	YP\AJ	Ok
48	AR1254CCC500	PP068441.D	11 Nov 2024 23:38	YP\AJ	Ok,M
49	I.BLK	PP068442.D	11 Nov 2024 23:55	YP\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP110724

Review By	yogesh	Review On	11/11/2024 9:23:03 AM
Supervise By	Ankita	Supervise On	11/11/2024 9:48:52 AM
SubDirectory	PP110724	HP Acquire Method	HP Processing Method PP110724

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

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP068359.D	08 Nov 2024 02:13		YP\AJ	Ok
2	I.BLK	I.BLK	PP068360.D	08 Nov 2024 02:29		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP068361.D	08 Nov 2024 02:45		YP\AJ	Ok,M
4	AR1660ICC750	AR1660ICC750	PP068362.D	08 Nov 2024 03:02		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP068363.D	08 Nov 2024 03:18		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP068364.D	08 Nov 2024 03:34		YP\AJ	Ok,M
7	AR1660ICC050	AR1660ICC050	PP068365.D	08 Nov 2024 03:51		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP068366.D	08 Nov 2024 04:07		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP068367.D	08 Nov 2024 04:23		YP\AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PP068368.D	08 Nov 2024 04:40		YP\AJ	Ok
11	AR1242ICC750	AR1242ICC750	PP068369.D	08 Nov 2024 04:56		YP\AJ	Ok,M
12	AR1242ICC500	AR1242ICC500	PP068370.D	08 Nov 2024 05:12		YP\AJ	Ok
13	AR1242ICC250	AR1242ICC250	PP068371.D	08 Nov 2024 05:29		YP\AJ	Ok,M
14	AR1242ICC050	AR1242ICC050	PP068372.D	08 Nov 2024 05:45		YP\AJ	Ok
15	AR1248ICC1000	AR1248ICC1000	PP068373.D	08 Nov 2024 06:01		YP\AJ	Ok
16	AR1248ICC750	AR1248ICC750	PP068374.D	08 Nov 2024 06:18		YP\AJ	Ok
17	AR1248ICC500	AR1248ICC500	PP068375.D	08 Nov 2024 06:34		YP\AJ	Ok
18	AR1248ICC250	AR1248ICC250	PP068376.D	08 Nov 2024 06:50		YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP110724

Review By	yogesh	Review On	11/11/2024 9:23:03 AM
Supervise By	Ankita	Supervise On	11/11/2024 9:48:52 AM
SubDirectory	PP110724	HP Acquire Method	HP Processing Method PP110724
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP 23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	AR1248ICC050	AR1248ICC050	PP068377.D	08 Nov 2024 07:07		YPIAJ	Ok
20	AR1254ICC1000	AR1254ICC1000	PP068378.D	08 Nov 2024 07:23		YPIAJ	Ok,M
21	AR1254ICC750	AR1254ICC750	PP068379.D	08 Nov 2024 07:39		YPIAJ	Ok,M
22	AR1254ICC500	AR1254ICC500	PP068380.D	08 Nov 2024 07:56		YPIAJ	Ok,M
23	AR1254ICC250	AR1254ICC250	PP068381.D	08 Nov 2024 08:12		YPIAJ	Ok,M
24	AR1254ICC050	AR1254ICC050	PP068382.D	08 Nov 2024 08:28		YPIAJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP068383.D	08 Nov 2024 08:45		YPIAJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP068384.D	08 Nov 2024 09:01		YPIAJ	Ok,M
27	AR1268ICC750	AR1268ICC750	PP068385.D	08 Nov 2024 09:17		YPIAJ	Ok,M
28	AR1268ICC500	AR1268ICC500	PP068386.D	08 Nov 2024 09:34		YPIAJ	Ok
29	AR1268ICC250	AR1268ICC250	PP068387.D	08 Nov 2024 09:50		YPIAJ	Ok,M
30	AR1268ICC050	AR1268ICC050	PP068388.D	08 Nov 2024 10:39		YPIAJ	Ok,M
31	PP110724ICV500	ICVPP110724	PP068389.D	08 Nov 2024 10:55		YPIAJ	Ok,M
32	AR1242ICV500	ICVPP110724	PP068390.D	08 Nov 2024 11:12		YPIAJ	Ok,M
33	AR1248ICV500	ICVPP110724	PP068391.D	08 Nov 2024 11:28		YPIAJ	Ok,M
34	AR1254ICV500	ICVPP110724	PP068392.D	08 Nov 2024 11:45		YPIAJ	Ok,M
35	AR1268ICV500	ICVPP110724	PP068393.D	08 Nov 2024 12:01		YPIAJ	Ok,M

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP111124

Review By	yogesh	Review On	11/12/2024 9:11:46 AM
Supervise By	Ankita	Supervise On	11/12/2024 9:39:57 AM
SubDirectory	PP111124	HP Acquire Method	HP Processing Method PP110724
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP068394.D	11 Nov 2024 09:24		YPIAJ	Ok
2	AR1660CCC500	AR1660CCC500	PP068395.D	11 Nov 2024 09:40		YPIAJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PP068396.D	11 Nov 2024 09:57		YPIAJ	Ok
4	AR1248CCC500	AR1248CCC500	PP068397.D	11 Nov 2024 10:13		YPIAJ	Ok
5	AR1254CCC500	AR1254CCC500	PP068398.D	11 Nov 2024 10:29		YPIAJ	Ok
6	I.BLK	I.BLK	PP068399.D	11 Nov 2024 10:46		YPIAJ	Ok
7	PB164820BL	PB164820BL	PP068400.D	11 Nov 2024 11:02		YPIAJ	Ok
8	PB164820BS	PB164820BS	PP068401.D	11 Nov 2024 11:18		YPIAJ	Ok
9	P4794-01	KZA443F-END-1-1	PP068402.D	11 Nov 2024 11:35	AR1254 Hit	YPIAJ	Ok,M
10	P4794-02	KZA443F-END-1-2	PP068403.D	11 Nov 2024 11:51	AR1254 Hit	YPIAJ	Ok,M
11	PB164860BL	PB164860BL	PP068404.D	11 Nov 2024 12:21		YPIAJ	Ok
12	PB164860BS	PB164860BS	PP068405.D	11 Nov 2024 12:37		YPIAJ	Ok
13	P4779-01	SOIL-01	PP068406.D	11 Nov 2024 12:54		YPIAJ	Ok
14	P4788-01	BP-G3	PP068407.D	11 Nov 2024 13:10		YPIAJ	Ok
15	P4792-02	DIESE-DRUM	PP068408.D	11 Nov 2024 13:26		YPIAJ	Ok,M
16	P4792-03	OILY-STONE-DRUM	PP068409.D	11 Nov 2024 13:43		YPIAJ	Ok
17	AR1660CCC500	AR1660CCC500	PP068410.D	11 Nov 2024 14:29		YPIAJ	Ok
18	AR1242CCC500	AR1242CCC500	PP068411.D	11 Nov 2024 14:45		YPIAJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP111124

Review By	yogesh	Review On	11/12/2024 9:11:46 AM
Supervise By	Ankita	Supervise On	11/12/2024 9:39:57 AM
SubDirectory	PP111124	HP Acquire Method	HP Processing Method PP110724
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP 23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	AR1248CCC500	AR1248CCC500	PP068412.D	11 Nov 2024 15:01		YPIAJ	Ok
20	AR1254CCC500	AR1254CCC500	PP068413.D	11 Nov 2024 15:18		YPIAJ	Ok,M
21	I.BLK	I.BLK	PP068414.D	11 Nov 2024 15:34		YPIAJ	Ok
22	P4797-01	2885	PP068415.D	11 Nov 2024 15:50		YPIAJ	Ok
23	P4789-01	BP-F21	PP068416.D	11 Nov 2024 16:07		YPIAJ	Ok
24	P4789-01MS	BP-F21MS	PP068417.D	11 Nov 2024 16:23		YPIAJ	Ok,M
25	P4789-01MSD	BP-F21MSD	PP068418.D	11 Nov 2024 16:40		YPIAJ	Ok,M
26	P4793-01	M00-24-00345	PP068419.D	11 Nov 2024 16:56		YPIAJ	Ok,M
27	P4795-01	LAW-23-00189	PP068420.D	11 Nov 2024 17:12		YPIAJ	Ok,M
28	P4796-01	TP-1	PP068421.D	11 Nov 2024 17:29		YPIAJ	Ok,M
29	P4796-03	TP-2	PP068422.D	11 Nov 2024 17:45		YPIAJ	Ok
30	P4796-05	TP-3	PP068423.D	11 Nov 2024 18:01		YPIAJ	Ok
31	P4796-07	TP-4	PP068424.D	11 Nov 2024 18:18		YPIAJ	Ok
32	AR1660CCC500	AR1660CCC500	PP068425.D	11 Nov 2024 18:55		YPIAJ	Ok
33	AR1242CCC500	AR1242CCC500	PP068426.D	11 Nov 2024 19:12		YPIAJ	Ok
34	AR1248CCC500	AR1248CCC500	PP068427.D	11 Nov 2024 19:28		YPIAJ	Ok
35	AR1254CCC500	AR1254CCC500	PP068428.D	11 Nov 2024 19:44		YPIAJ	Ok,M
36	I.BLK	I.BLK	PP068429.D	11 Nov 2024 20:01		YPIAJ	Ok
37	P4798-01	MH-6	PP068430.D	11 Nov 2024 20:17	AR1254 Hit, AR1260 Hit	YPIAJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP111124

Review By	yogesh	Review On	11/12/2024 9:11:46 AM
Supervise By	Ankita	Supervise On	11/12/2024 9:39:57 AM
SubDirectory	PP111124	HP Acquire Method	HP Processing Method PP110724
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP 23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

38	PB164861BL	PB164861BL	PP068431.D	11 Nov 2024 20:33		YPIAJ	Ok,M
39	PB164861BS	PB164861BS	PP068432.D	11 Nov 2024 20:50		YPIAJ	Ok,M
40	PB164861BSD	PB164861BSD	PP068433.D	11 Nov 2024 21:06		YPIAJ	Ok,M
41	P4759-01	MONTCLAIR-TOTE-1	PP068434.D	11 Nov 2024 21:22		YPIAJ	Ok,M
42	P4760-01	LPA-TOTE-1	PP068435.D	11 Nov 2024 21:39		YPIAJ	Ok,M
43	P4791-02	HINCHMAN-OILY-WAT	PP068436.D	11 Nov 2024 21:55	DCB low in both column	YPIAJ	ReRun
44	P4792-04		PP068437.D	11 Nov 2024 22:12	DCB low in 2nd column,	YPIAJ	Ok,M
45	AR1660CCC500	AR1660CCC500	PP068438.D	11 Nov 2024 22:49		YPIAJ	Ok,M
46	AR1242CCC500	AR1242CCC500	PP068439.D	11 Nov 2024 23:06		YPIAJ	Ok
47	AR1248CCC500	AR1248CCC500	PP068440.D	11 Nov 2024 23:22		YPIAJ	Ok
48	AR1254CCC500	AR1254CCC500	PP068441.D	11 Nov 2024 23:38		YPIAJ	Ok,M
49	I.BLK	I.BLK	PP068442.D	11 Nov 2024 23:55		YPIAJ	Ok,M

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 11/11/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 16:40
In Date: 11/08/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:15
Out Date: 11/09/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB133361

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
P4716-01	A0BE3	1	1.15	8.83	9.98	8.14	79.2	
P4716-02	A0BE4	2	1.15	8.41	9.56	8.06	82.2	
P4716-03	A0BE5	3	1.17	8.62	9.79	6.03	56.4	
P4716-04	A0BE5MS	4	1.17	8.62	9.79	6.03	56.4	
P4716-05	A0BE5MSD	5	1.17	8.62	9.79	6.03	56.4	
P4771-05	P-1	6	1.12	8.74	9.86	9.37	94.4	
P4771-07	P-2	7	1.12	8.70	9.82	9.41	95.3	
P4779-01	SOIL-01	8	1.16	8.45	9.61	9.34	96.8	
P4780-05	SVOC-GPC-BLANK	9	1.00	1.00	2.00	2.00	100.0	
P4780-06	PEST-GPC-BLANK	10	1.00	1.00	2.00	2.00	100.0	
P4780-07	PEST-GPC-BLANK-SPIKE	11	1.00	1.00	2.00	2.00	100.0	
P4780-08	PCB-GPC-BLANK	12	1.00	1.00	2.00	2.00	100.0	
P4780-09	PCB-GPC-BLANK-SPIKE	13	1.00	1.00	2.00	2.00	100.0	
P4780-10	SVOC-GPC2-BLANK	14	1.00	1.00	2.00	2.00	100.0	
P4780-11	PEST-GPC2-BLANK	15	1.00	1.00	2.00	2.00	100.0	
P4780-12	PEST-GPC2-BLANK-SPIKE	16	1.00	1.00	2.00	2.00	100.0	
P4780-13	PCB-GPC2-BLANK	17	1.00	1.00	2.00	2.00	100.0	
P4780-14	PCB-GPC2-BLANK-SPIKE	18	1.00	1.00	2.00	2.00	100.0	
P4788-01	BP-G3	19	1.15	8.82	9.97	9.18	91.0	
P4788-02	BP-G3-EPH	20	1.13	8.68	9.81	8.85	88.9	
P4788-03	BP-G3-VOC	21	1.18	8.49	9.67	8.76	89.3	
P4789-01	BP-F21	22	1.13	8.76	9.89	8.98	89.6	
P4789-02	BP-F21-EPH	23	1.17	8.58	9.75	8.74	88.2	
P4789-03	BP-F21-VOC	24	1.17	8.58	9.75	8.74	88.2	
P4791-01	ARS20-0016	25	1.00	1.00	2.00	2.00	100.0	debris
P4792-02	DIESLE-DRUM	26	1.00	1.00	2.00	2.00	100.0	debris
P4792-03	OILY-STONE-DRUM	27	1.00	1.00	2.00	2.00	100.0	oily stone - drum
P4793-01	M00-24-00345	28	1.00	1.00	2.00	2.00	100.0	debris



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 11/11/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 16:40
In Date: 11/08/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:15
Out Date: 11/09/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB133361

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
P4794-01	KZA443F-END-1-1	29	1.00	1.00	2.00	2.00	100.0	pilc
P4794-02	KZA443F-END-1-2	30	1.00	1.00	2.00	2.00	100.0	pilc
P4795-01	LAW-23-00189	31	1.14	8.59	9.73	9.06	92.2	
P4796-01	TP-1	32	1.18	8.60	9.78	9.34	94.9	
P4796-02	TP-1	33	1.16	8.49	9.65	9.25	95.3	
P4796-03	TP-2	34	1.13	8.70	9.83	9.47	95.9	
P4796-04	TP-2	35	1.19	8.62	9.81	9.44	95.7	
P4796-05	TP-3	36	1.15	8.80	9.95	9.47	94.5	
P4796-06	TP-3	37	1.16	8.56	9.72	9.3	95.1	
P4796-07	TP-4	38	1.17	8.57	9.74	9.43	96.4	
P4796-08	TP-4	39	1.15	8.82	9.97	9.7	96.9	
P4798-01	MH-6	40	1.14	8.81	9.95	9.00	89.2	
P4798-02	MH-6-EPH	41	1.13	8.74	9.87	8.82	88.0	
P4798-03	MH-6-VOC	42	1.16	8.50	9.66	8.66	88.2	

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

WORKLIST(Hardcopy Internal Chain)

133361

WorkList Name : %1-110824

WorkList ID : 185235

Department : Wet-Chemistry

Date : 11-08-2024 07:56:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4716-01	A0BE3	Solid	Percent Solids	Cool 4 deg C	USEP04	Q11	10/31/2024	Chemtech -SO
P4716-02	A0BE4	Solid	Percent Solids	Cool 4 deg C	USEP04	Q11	10/31/2024	Chemtech -SO
P4716-03	A0BE5	Solid	Percent Solids	Cool 4 deg C	USEP04	Q11	11/01/2024	Chemtech -SO
P4716-04	A0BE5MS	Solid	Percent Solids	Cool 4 deg C	USEP04	Q11	11/01/2024	Chemtech -SO
P4716-05	A0BE5MSD	Solid	Percent Solids	Cool 4 deg C	USEP04	Q11	11/01/2024	Chemtech -SO
P4771-05	P-1	Solid	Percent Solids	Cool 4 deg C	M2AS01	L32	11/07/2024	Chemtech -SO
P4771-07	P-2	Solid	Percent Solids	Cool 4 deg C	M2AS01	L32	11/07/2024	Chemtech -SO
P4779-01	SOIL-01	Solid	Percent Solids	Cool 4 deg C	CLOU03	L31	11/07/2024	Chemtech -SO
P4780-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L11	11/08/2024	Chemtech -SO
P4780-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L11	11/08/2024	Chemtech -SO
P4780-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L11	11/08/2024	Chemtech -SO
P4780-08	PCB-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L11	11/08/2024	Chemtech -SO
P4780-09	PCB-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L11	11/08/2024	Chemtech -SO
P4780-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L11	11/08/2024	Chemtech -SO
P4780-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L11	11/08/2024	Chemtech -SO
P4780-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L11	11/08/2024	Chemtech -SO
P4780-13	PCB-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L11	11/08/2024	Chemtech -SO
P4780-14	PCB-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L11	11/08/2024	Chemtech -SO
P4788-01	BP-G3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	11/08/2024	Chemtech -SO
P4788-02	BP-G3-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	11/08/2024	Chemtech -SO
P4788-03	BP-G3-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	11/08/2024	Chemtech -SO

Date/Time 11/08/24 15:30

Raw Sample Received by: HWC

Raw Sample Relinquished by: RJ CEST-1060

Date/Time 11/08/24

Raw Sample Received by: RJ CEST-1060

Raw Sample Relinquished by: RJ CEST-1060

WORKLIST(Hardcopy Internal Chain)

133361

WorkList Name : %1-110824

WorkList ID : 185235

Department : Wet-Chemistry

Date : 11-08-2024 07:56:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4789-01	BP-F21	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	11/08/2024	Chemtech -SO
P4789-02	BP-F21-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	11/08/2024	Chemtech -SO
P4789-03	BP-F21-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	11/08/2024	Chemtech -SO
P4791-01	ARS20-0016	Solid	Percent Solids	Cool 4 deg C	PSEG03	--Sele	11/08/2024	Chemtech -SO
P4792-02	DIESLE-DRUM	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	11/08/2024	Chemtech -SO
P4792-03	OILY-STONE-DRUM	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	11/08/2024	Chemtech -SO
P4793-01	M00-24-00345	Solid	Percent Solids	Cool 4 deg C	PSEG03	L23	11/08/2024	Chemtech -SO
P4794-01	KZA443F-END-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L23	11/08/2024	Chemtech -SO
P4794-02	KZA443F-END-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L23	11/08/2024	Chemtech -SO
P4795-01	LAW-23-00189	Solid	Percent Solids	Cool 4 deg C	PSEG03	L23	11/08/2024	Chemtech -SO
P4796-01	TP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L23	11/08/2024	Chemtech -SO
P4796-02	TP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L23	11/08/2024	Chemtech -SO
P4796-03	TP-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L23	11/08/2024	Chemtech -SO
P4796-04	TP-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L23	11/08/2024	Chemtech -SO
P4796-05	TP-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L23	11/08/2024	Chemtech -SO
P4796-06	TP-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L23	11/08/2024	Chemtech -SO
P4796-07	TP-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	L23	11/08/2024	Chemtech -SO
P4796-08	TP-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	L23	11/08/2024	Chemtech -SO
P4798-01	MH-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	11/08/2024	Chemtech -SO
P4798-02	MH-6-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	11/08/2024	Chemtech -SO
P4798-03	MH-6-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	11/08/2024	Chemtech -SO

Date/Time 11/08/24 15:30

Raw Sample Received by: RS (Eph-106)

Raw Sample Relinquished by: RS (Eph-106)

Date/Time 11/08/24 17:08

Raw Sample Received by: RS (Eph-106)

Raw Sample Relinquished by: RS (Eph-106)

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: Acid Cleanup

Extraction Start Date : 11/11/2024

Matrix : Solid

Extraction Start Time : 08:30

Weigh By: RJ

Extraction By: RJ

Extraction End Date : 11/11/2024

Balance check: RJ

Filter By: RJ

Extraction End Time : 11:30

Balance ID: EX-SC-2

pH Meter ID: N/A

Concentration By: EH

pH Strip Lot#: N/A

Hood ID: 3,7

Supervisor By : rajesh

Extraction Method: ☐ Separatory Funnel

☐ Continuous Liquid/Liquid

☐ Sonication

☐ Waste Dilution

☒ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP23640
Surrogate	1.0ML	200 PPB	PP23858
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane	N/A	E3826
Baked Na2SO4	N/A	EP2557
H2SO4 1:1	N/A	EP2548
Sand	N/A	E2865
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40BTS721. P 4792-02,P4793-01 Limited volume used as samples are Oil & debries.

KD Bath ID: N/A

Envap ID: NEVAP-02

KD Bath Temperature: N/A

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/11/24	RP (Ext Lab)	ASI RST PCA Ceeb
11:35	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 11/11/2024

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB164860BL	ABLK860	PCB	30.02	N/A	ritesh	Evelyn	10			U1-1
PB164860BS	ALCS860	PCB	30.01	N/A	ritesh	Evelyn	10			2
P4779-01	SOIL-01	PCB	30.04	N/A	ritesh	Evelyn	10			3
P4788-01	BP-G3	PCB	30.06	N/A	ritesh	Evelyn	10	D		4
P4789-01	BP-F21	PCB	30.03	N/A	ritesh	Evelyn	10	D		5
P4789-01MS	BP-F21MS	PCB	30.09	N/A	ritesh	Evelyn	10	D		6
P4789-01MS D	BP-F21MSD	PCB	30.07	N/A	ritesh	Evelyn	10	D		U5-1
P4792-02	DIESLE-DRUM	PCB	1.05	N/A	ritesh	Evelyn	10		Oil	
P4792-03	OILY-STONE-DRUM	PCB	30.07	N/A	ritesh	Evelyn	10	D	Stone	2
P4793-01	M00-24-00345	PCB	5.07	N/A	ritesh	Evelyn	10	E	Oilly Debris	3
P4795-01	LAW-23-00189	PCB	30.01	N/A	ritesh	Evelyn	10	D		4
P4796-01	TP-1	PCB	30.10	N/A	ritesh	Evelyn	10	D		5
P4796-03	TP-2	PCB	30.08	N/A	ritesh	Evelyn	10	D		U6-1
P4796-05	TP-3	PCB	30.02	N/A	ritesh	Evelyn	10	D		2
P4796-07	TP-4	PCB	30.09	N/A	ritesh	Evelyn	10	D		3
P4798-01	MH-6	PCB	30.05	N/A	ritesh	Evelyn	10	D		4

* Extracts relinquished on the same date as received.



10/24/2024
9:30 10/24/2024

WORKLIST(Hardcopy Internal Chain)

WorkList Name : PB4798

WorkList ID : 185310

Department : Extraction

Date : 11-11-2024 08:22:01

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4779-01	SOIL-01	Solid	PCB	Cool 4 deg C	CLOU03	L31	11/07/2024	8082A
P4788-01	BP-G3	Solid	PCB	Cool 4 deg C	PSEG03	L21	11/08/2024	8082A
P4789-01	BP-F21	Solid	PCB	Cool 4 deg C	PSEG03	L21	11/08/2024	8082A
P4792-02	DIESEL-DRUM	Solid	PCB	Cool 4 deg C	PSEG03	L21	11/08/2024	8082A
P4792-03	OILY-STONE-DRUM	Solid	PCB	Cool 4 deg C	PSEG03	L21	11/08/2024	8082A
P4793-01	M00-24-00345	Solid	PCB	Cool 4 deg C	PSEG03	L23	11/08/2024	8082A
P4795-01	LAW-23-00189	Solid	PCB	Cool 4 deg C	PSEG03	L23	11/08/2024	8082A
P4796-01	TP-1	Solid	PCB	Cool 4 deg C	PSEG03	L23	11/08/2024	8082A
P4796-03	TP-2	Solid	PCB	Cool 4 deg C	PSEG03	L23	11/08/2024	8082A
P4796-05	TP-3	Solid	PCB	Cool 4 deg C	PSEG03	L23	11/08/2024	8082A
P4796-07	TP-4	Solid	PCB	Cool 4 deg C	PSEG03	L23	11/08/2024	8082A
P4798-01	MH-6	Solid	PCB	Cool 4 deg C	PSEG03	L31	11/08/2024	8082A

Date/Time 11/11/24 8:25
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: [Signature]

Date/Time 11/11/24 9:00
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: [Signature]



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: CHA Solutions
ADDRESS: 300 S. State St Suite 600
CITY: Syracuse STATE: NY ZIP: 13202
ATTENTION: Scott Smith
PHONE: 315-257-7250 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: HRPC
PROJECT NO.: 078672 LOCATION: Poughkeepsie, NY
PROJECT MANAGER: Scott Smith
e-mail: SSmith@chasolutions.com
PHONE: 315-427-1033 FAX:

CLIENT BILLING INFORMATION

BILL TO: CHA solutions PO#: 07867202
ADDRESS: 300 S. State St Seq#1
CITY: Syracuse STATE: NY ZIP: 13202
ATTENTION: Scott Smith PHONE: 315-427-1033

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) Standard DAYS*
HARDCOPY (DATA PACKAGE): DAYS*
EDD: DAYS*

*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

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

1: Vol 5 8260
2: SVOCs 6270/PCB 81872 A

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										COMMENTS
			COMP	GRAB	DATE	TIME		None	None								
1.	<u>Soil-01</u>	<u>Soil</u>		<u>X</u>	<u>11-7-24</u>	<u>930</u>	<u>2</u>	<u>X</u>	<u>X</u>								
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER: 1. <u>Andrew Hodgson</u>	DATE/TIME: <u>11-7-24 1100</u>	RECEIVED BY: 1. <u>[Signature]</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>3.3</u> °C Comments: <u>Analyze PCBs from Soil in SVOC Jar (confirmed with Yezmen)</u>
RELINQUISHED BY SAMPLER: 2. <u>FedEx</u>	DATE/TIME: <u>11/8/24 0950</u>	RECEIVED BY: 2. <u>[Signature]</u>	
RELINQUISHED BY SAMPLER: 3.	DATE/TIME:	RECEIVED BY: 3.	

Page 1 of 1

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete

☐ YES ☐ NO



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

Laboratory Certification

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : P4779 CLOU03

Order Date : 11/8/2024 10:38:00 AM

Project Mgr :

Client Name : CHA Companies, Inc.

Project Name : HRPC

Report Type : Level 1

Client Contact : Scott Smith

Receive DateTime : 11/8/2024 9:50:00 AM

EDD Type : EXCEL NOCLEANUP

Invoice Name : CHA Companies, Inc.

Purchase Order :

Hard Copy Date :

Invoice Contact : Scott Smith

Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
P4779-01	SOIL-01	Solid	11/07/2024	09:30	VOC-TCLVOA-10		8260D		10 Bus. Days

Relinquished By :

Date / Time :

Received By :

Date / Time :

Storage Area : VOA Refridgerator Room